

ETUDE D'IMPACT ACOUSTIQUE

EXPERTISE REALISEE DANS LE CADRE DE L'ETUDE D'IMPACT DU
PROJET DE PARC EOLIEN

à Viâpres-le-Petit et Allibaudières, département de l'Aube (10)

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PREAMBULE

Les influences des éoliennes sur leurs entourages directs et indirects jouent un rôle de plus en plus important pour la planification de projets d'énergie éolienne. Avec des éoliennes de tailles plus grandes et des projets plus importants, les effets sur l'environnement deviennent un facteur décisif pour le site.

L'analyse des impacts sonores des parcs éoliens repose sur la prévision des niveaux sonores perçus auprès des habitations sensibles.

L'analyse des impacts porte sur l'impact cumulé des éoliennes projetées avec les autres parcs éoliens déjà en service. Le projet fait la jonction entre les parcs déjà en service de "EOLE de Plan Fleury" et "Les Renardières".

L'état initial, qui a été utilisé pour calculer l'impact du projet, est issu du projet "Les Renardières". Celui-ci a été réalisé par le bureau d'études "Delhon acoustique" en novembre 2013. L'évaluation de l'impact sonore, réalisée par INTERVENT, s'appuie sur les résultats de cet état initial, et les calculs effectués à l'aide du module "DECIBEL" du logiciel de simulation de parc éolien WindPro.

Les outils et modèles sont expliqués en détail dans cette étude.

1. INTRODUCTION

1.1. Objet de l'étude

La société INTERVENT envisage l'implantation d'un parc éolien de 6 éoliennes sur le territoire des communes de Viâpres-le-Petit et de Allibaudières, dans le département de l'Aube (10). Ce projet présente la particularité de venir s'insérer entre les parcs déjà en service de "EOLE de Plan Fleury", composé de 11 éoliennes et "Les Renardières", composé de 7 éoliennes.

Dans le cadre de l'étude d'impact, une évaluation de l'impact acoustique du projet doit être réalisée. Cette évaluation nécessite une caractérisation de l'état initial, la connaissance des données sonores des éoliennes, ainsi qu'un modèle de calcul adapté à l'éolien.

Le but de cette étude est de caractériser l'ambiance sonore générée par les éoliennes dans les différentes zones habitées à proximité du parc éolien.

1.2. Rappel du contexte réglementaire

Le projet est soumis au "Décret n° 2011-2019 du 29 décembre 2011 portant réforme des études d'impact des projets de travaux, d'ouvrages ou d'aménagements" et à l'"Arrêté du 26 août 2011 relatif aux installations de production d'électricité utilisant l'énergie mécanique du vent au sein d'une installation soumise à autorisation au titre de la rubrique 2980 de la législation des installations classées pour la protection de l'environnement."

Cette dernière repose sur la notion d'émergence sonore, définie comme la "différence entre les niveaux de pression acoustiques pondérés « A » du bruit ambiant (installation en fonctionnement) et du bruit résiduel (en l'absence du bruit généré par l'installation)", pondérée par un facteur correctif lié à la durée de fonctionnement de l'installation.

La réglementation fixe des zones à émergence réglementées avec des émergences maximales à ne pas dépasser dans ces zones, et des périmètres de mesure de bruit de l'installation avec des niveaux de bruit maximaux.

La réglementation impose également un contrôle des tonalités marquées.

Enfin, les mesures effectuées pour vérifier le respect des dispositions sont effectuées selon les dispositions de la norme NFS 31-114 (et ses annexes) relatives au mesurage du bruit dans l'environnement avec et sans activité éolienne dans sa version provisoire de juillet 2011.

Les zones à émergence réglementée sont définies comme étant :

- l'intérieur des immeubles habités ou occupés par des tiers, existant à la date de l'autorisation, et leurs parties extérieures éventuelles les plus proches (cour, jardin, terrasse) ;
- les zones constructibles définies par des documents d'urbanisme opposables aux tiers et publiés à la date de l'autorisation ;
- l'intérieur des immeubles habités ou occupés par des tiers qui ont fait l'objet d'une demande de permis de construire, dans les zones constructibles définies ci-dessus, et leurs parties extérieures éventuelles les plus proches (cour, jardin, terrasse), à l'exclusion de celles des immeubles implantés dans les zones destinées à recevoir des activités artisanales ou industrielles, lorsque la demande de permis de construire a été déposée avant la mise en service industrielle de l'installation.

Selon cette réglementation, à l'intérieur de ces zones, l'infraction n'est pas constituée lorsque :

- Le niveau de bruit ambiant existant dans les zones à émergence réglementée incluant le bruit de l'installation est inférieur à 35 dB(A),
- pour un bruit ambiant supérieur à la limite donnée ci-dessus, l'émergence du bruit incriminé est inférieure aux valeurs suivantes :
 - 5 dB(A) pour la période de jour (7h - 22h),
 - 3 dB(A) pour la période nuit (22h - 7h).

La période nocturne est la plus contraignante, d'une part, en raison de l'émergence moindre tolérée, et d'autre part, car la nuit est logiquement beaucoup plus calme en raison d'activités humaines moindres.

Le périmètre de mesure du bruit de l'installation est le périmètre correspondant au plus petit polygone dans lequel sont inscrits les disques de centre de chaque aérogénérateur et de rayon R défini comme suit :

$$R = 1,2 \times (\text{hauteur de moyeu} + \text{longueur d'un demi-rotor})$$

En n'importe quel point de ce périmètre de mesure de bruit, le niveau de bruit maximal est fixé à 70 dB (A) pour la période jour et de 60 dB (A) pour la période nuit.

1.3. Rappel méthodologique

La méthodologie utilisée pour l'évaluation de l'impact acoustique des projets repose sur la réglementation actuellement en vigueur, et l'expérience acquise lors du développement de nombreux projets en France et à l'étranger.

Dans ce cadre, les points suivants seront successivement traités dans ce rapport :

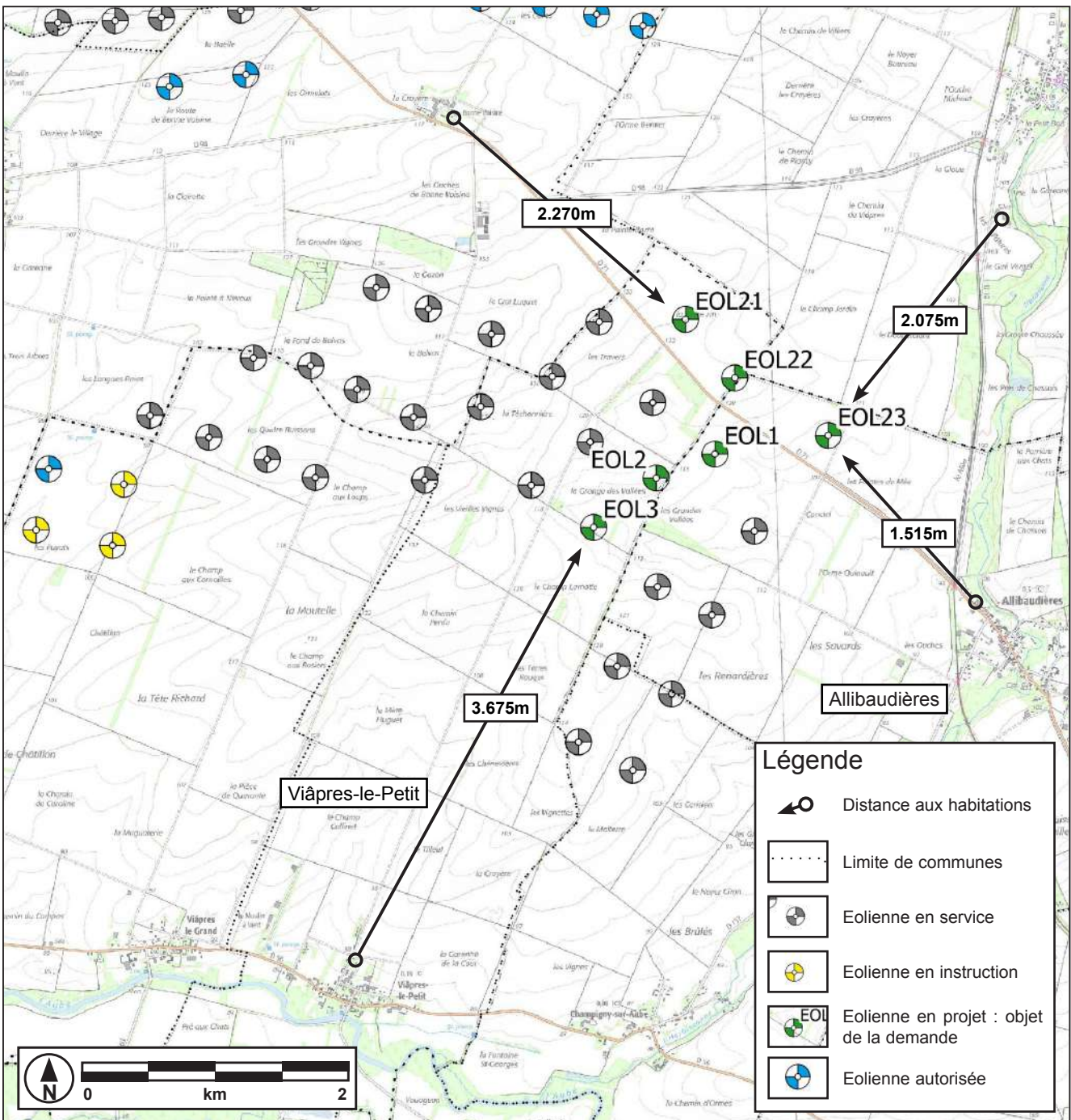
- Evaluation de l'état initial - mesure et calcul : pour chaque zone représentative et chaque vitesse de vent le niveau sonore résiduel moyen de référence.
- Evaluation de l'impact sonore : calcul pour chaque zone, et chaque vitesse de vent, de la contribution sonore globale causée par le fonctionnement du parc éolien. L'émergence globale dans les zones réglementées n'est étudiée le cas échéant qu'à partir d'un seuil de 35 dB(A).
- Evaluation du niveau de bruit dans le périmètre de mesure du bruit de l'installation, en configuration d'émission de bruit maximal.

2. ETAT INITIAL

2.1. Le parc éolien

Le site du projet éolien est localisé sur les communes de Viâpres-le-Petit et d'Allibaudières, dans le département de l'Aube (10). L'altitude de la zone d'implantation des éoliennes varie entre 110 et 127 mètres NGF. Les zones habitées, autour du projet, se situent à une distance strictement supérieure à 1.500 mètres.

Deux variantes de modèle d'éoliennes, constituées de 6 éoliennes de type Enercon E-160 et E-138, sont envisagées.



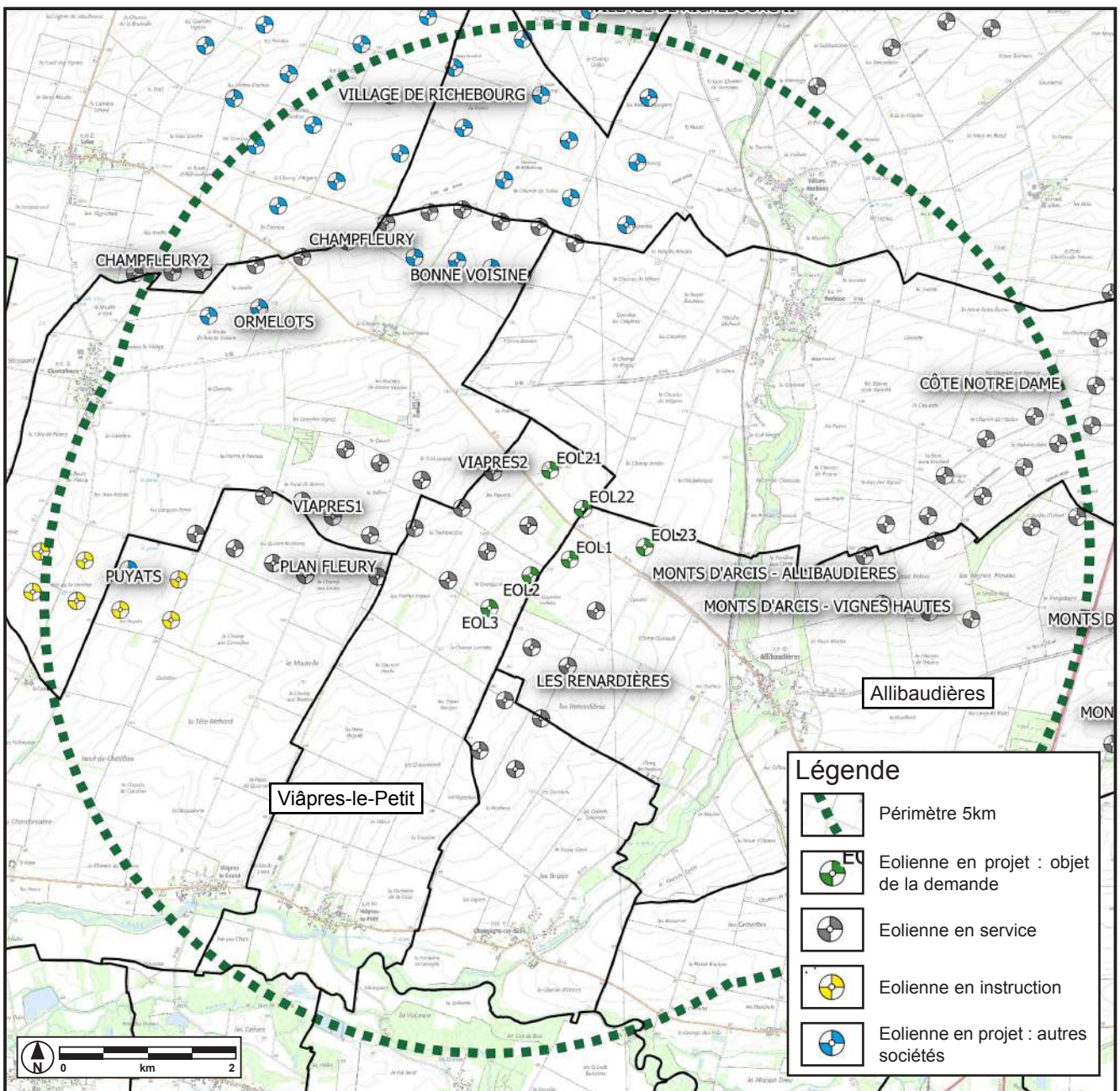
Situation locale du projet - distance aux habitations

2.2. Contexte éolien

Les parcs en cours d'instruction ou accordés mais non construits sont à prendre en compte au titre des impacts cumulés. Concernant ce projet, ce dernier fait la jonction entre les parcs éoliens de "Eole de Plan Fleury" et "Les Renardières" mis en service, tous les deux, en 2017, le parc éolien de "Viâpres 1" mis en service en 2005 et "Viâpres 2" mis en service en 2011.

Dans un périmètre de moins de 5 kilomètres de la zone d'étude, d'autres parcs en cours d'instruction, accordés ou en service sont également présents. Malgré leurs éloignements par rapport au projet et donc leurs très faibles impacts, pour ne pas dire négligeables, ces derniers ont néanmoins été pris en compte au titre des impacts cumulés.

L'ensemble des parcs éoliens situés dans le périmètre des 5 kilomètres est repris sur la carte ci-dessous et listé dans le tableau ci-après.



Situation locale du projet - contexte éolien

Nom du Parc	Etat	Date de mise en service	Nombre et type d'éoliennes
VIAPRES1	Éolienne construite / en service	2005	6 Repower MM92
VIAPRES2	Éolienne construite / en service	2011	1 Repower MM92
CHAMPFLEURY	Éolienne construite / en service	2005	6 Repower MM82
CHAMPFLEURY2	Éolienne construite / en service	2011	6 Servion MM92/2050
MONTS D'ARCIS - VIGNES HAUTES	Éolienne construite / en service	2012	3 GE Energy 2.5xl
MONTS D'ARCIS - DOSNON	Éolienne construite / en service	2012	3 GE Energy 2.5xl
MONTS D'ARCIS - ALLIBAUDIERES	Éolienne construite / en service	2012	3 GE Energy 2.5xl
LES RENARDIÈRES	Éolienne construite / en service	2017	7 Vestas V126/3450
CÔTE NOTRE DAME	Éolienne construite / en service	2016	3 Vestas V100/2000
PLAN FLEURY	Éolienne construite / en service	2017	11 Vestas V110/2000
VILLAGE DE RICHEBOURG	ICPE autorisée	/	22 Vestas (V126 ou V117) ou GE (GE-103,GE-120 ou GE-130)
BONNE VOISINE	ICPE autorisée	/	4 Vestas (V126)
VILLAGE DE RICHEBOURG II	ICPE autorisée	/	4 Vestas (V126 ou V117) ou GE (GE-103,GE-120 ou GE-130)
ORMELOTS	ICPE autorisée	/	2 Vestas (V126)
PUYATS	ICPE autorisée DDAU/DDAENV en instruction	/	8 Vestas V126 ou Servion M122

2.3. Description de l'environnement sonore

Le relief de la zone du projet est relativement plat. Les habitations sont dispersées en villages : Viâpres-le-Petit, Allibaudières, Herbisse ou en hameaux / fermes isolées comme "Bonne Voisine". L'habitation la plus proche du projet est à une distance de 1,5 km et est localisée au niveau de la commune d'Allibaudières. Les parcelles sur lesquelles le site d'implantation est localisé sont principalement dédiées aux activités agricoles.



Vue sur le site

2.4. Evaluation de l'état initial

Dans le cadre des différents développements éoliens présents sur le territoire et présenté ci-avant, diverses études ont été réalisées. Ces études, qui respectent le contexte réglementaire en vigueur, permettent d'avoir une très bonne connaissance de l'ambiance acoustique du site.

Il n'est donc pas nécessaire de mener une nouvelle campagne de mesure.

La caractérisation du niveau sonore résiduel a été réalisée dans le cadre du projet "Les Renardières" en 6 zones à émergences réglementées proches du projet de parc éolien, dans la période allant du 7 au 20 novembre 2013, soit 14 jours. Les parcs éoliens mis en service après novembre 2013 ("Côte notre Dame" et "Plan Fleury") ne sont donc pas inclus dans les niveaux résiduels. Il faudra donc veiller à les ajouter lors du calcul de l'impact. Les lieux d'évaluation de l'état acoustique initial sont localisés sur la carte de situation du projet (cf. ci-après).

Les points PF1, PF2, PF3, PF4, PF5 et PF6 où sont effectuées les mesures, correspondent aux zones d'habitations les plus sensibles. Ils sont situés au hameau de la "Bonne voisine" (PF1) et aux villages d'Herbisse (PF2), d'Allibaudières (PF3 et PF4), de Champigny (PF5) et de Viâpres-le-Petit (PF6) à une hauteur respective de 1,5 mètre du sol. Ces points sont représentatifs des diverses ambiances acoustiques présentes à proximité du site.



PF1 - Bonne voisine

- Habitation située en bordure de village proche d'une route assez fréquentée
- Environnement dégagé
- Végétation relativement importante



PF2 - Herbisse

- Habitation située en bordure de village proche d'un chemin peu fréquenté
- Environnement dégagé
- Végétation assez importante



PF3 - Allibaudières Nord

- Ferme isolée proche d'une route peu fréquentée
- Environnement dégagé
- Végétation relativement peu importante



PF4 - Allibaudières Sud

- Ferme isolée proche d'une route peu fréquentée
- Environnement dégagé
- Végétation relativement peu importante



PF5 - Champigny

- Habitation isolée située en bordure de village proche d'une route peu fréquentée
- Environnement dégagé
- Végétation assez peu importante



PF6 - Viâpres-le-Petit

- Habitation isolée située en bordure de village proche d'une route peu fréquentée
- Environnement dégagé
- Végétation relativement importante

Dans certains cas, les habitations concernées et la végétation environnante peuvent être une source de bruit supplémentaire lors de la mesure. Ainsi et afin d'éviter ces effets perturbateurs, les mesures sont généralement réalisées en champ libre, à l'écart des habitations. Cela a pour effet de rendre le calcul de l'impact plus pénalisant.

Un autre point supplémentaire a été retenu au Nord du village d'Allibaudières (PF7) pour y calculer l'impact du projet. Il s'agit d'une des premières habitations situées à un peu plus de 1.500 m de la première éolienne. Pour ce point, étant donné la proximité avec le point PF3, il n'est pas utile de conduire une campagne de mesure. Il est cependant nécessaire de déterminer un niveau résiduel pour celui-ci afin de simuler l'effet du fonctionnement du parc à ce lieu d'habitation. Les valeurs de l'état initial mesurées sont ainsi utilisées pour évaluer par analogie l'état initial du site à ce point supplémentaire. La proximité des points de mesures et les similitudes environnementales des sites sont prises comme critères pour l'attribution des niveaux sonores résiduels retenus.

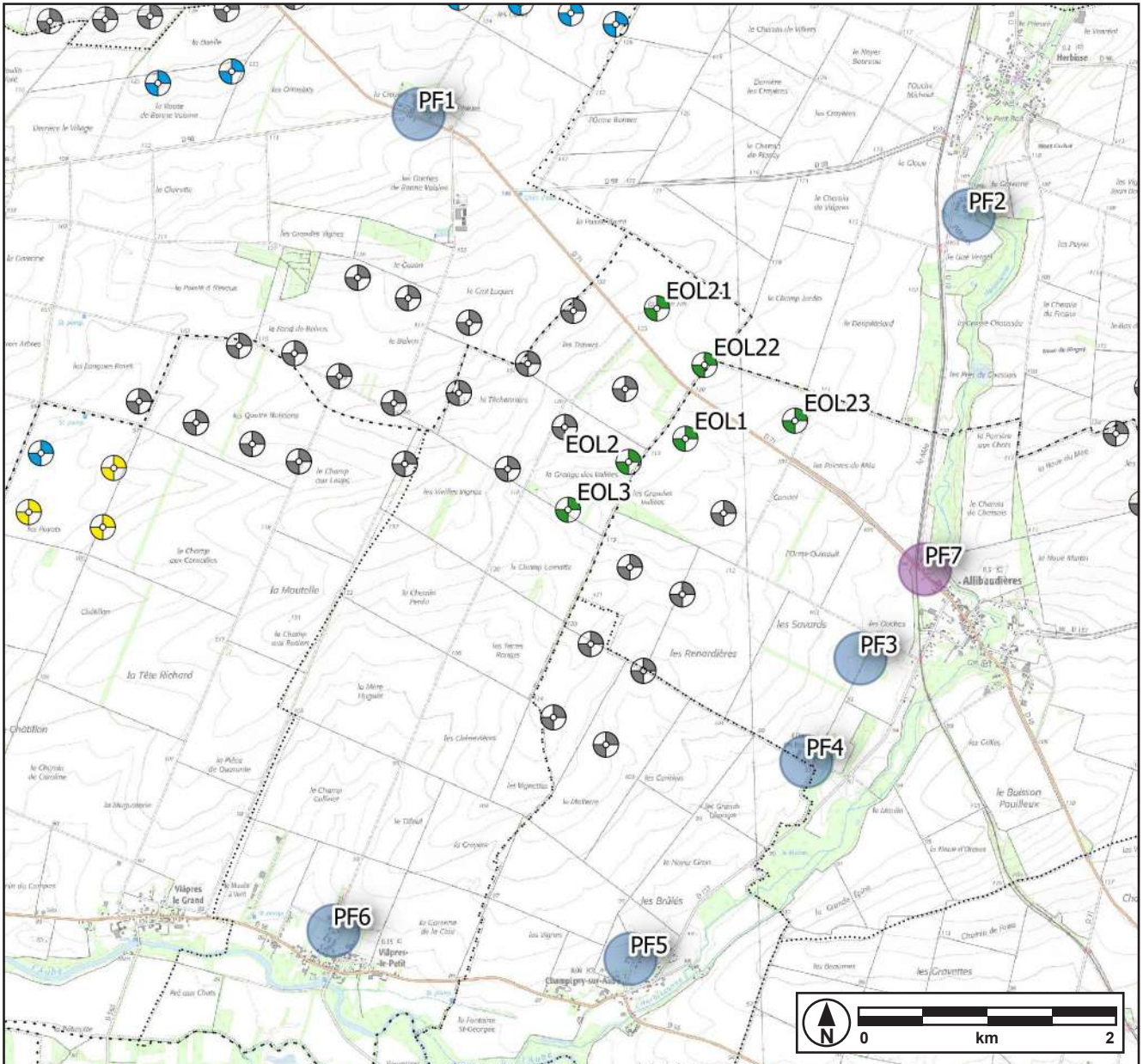
Le tableau ci-dessous reprend les correspondances des niveaux résiduels retenus pour les points d'évaluation de l'état initial :

LIEU	DÉSIGNATION DU LIEU D'IMPACT	POINT DE RÉFÉRENCE
Bonne voisine	PF1	PF1
Herbisse	PF2	PF2
Allibaudières Nord	PF3	PF3
Allibaudières Sud	PF4	PF4
Champigny	PF5	PF5
Viâpres-le-Petit	PF6	PF6
Allibaudières Nord 2	PF7	PF3

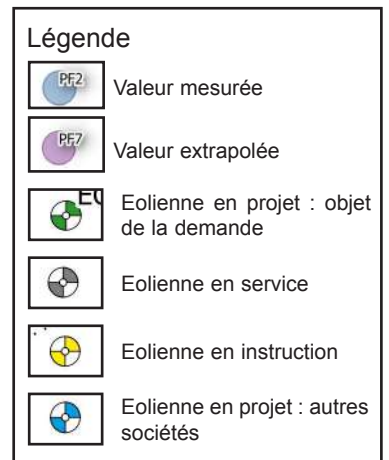
Correspondance des niveaux résiduels retenus

**donnés issues de l'étude acoustique Delhom acoustique dans le cadre du projet "Les Renardières"*

**données extrapolées*



Situation locale du projet - Localisation des points d'évaluation de l'état initial



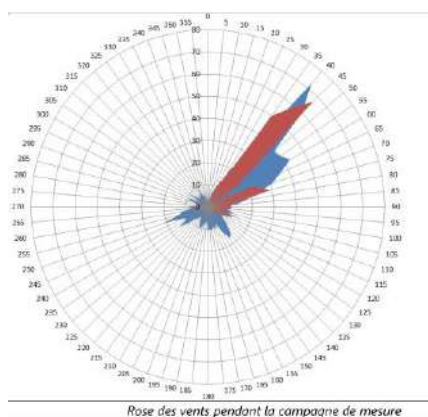
2.5. Conditions de mesure

Les conditions météorologiques (en particulier le vent et l'humidité) peuvent influencer sur les résultats.

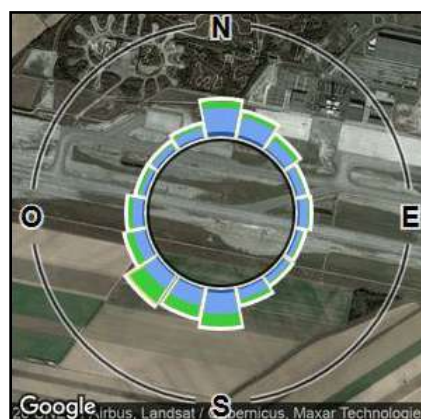
Les mesures du bruit résiduel ont pris en compte l'influence du vent sur les niveaux de bruit générés aux voisinages les plus exposés par la future activité du site. En effet, la vitesse du vent se composant avec la vitesse du son, un gradient de vent produit un phénomène de réfraction qui donne lieu, soit à des affaiblissements, soit à des renforcements des niveaux sonores.

Les niveaux de bruit résiduel ont été intégrés sur un intervalle de 10 minutes. Pour chacun de ces cas, nous avons éliminé les valeurs non représentatives de ces niveaux (pics d'énergie acoustique importants augmentant ponctuellement le bruit mesuré). Puis, nous avons fait un premier graphique (nuage de points) des L50 restants en fonction des vitesses de vent ramenées à la hauteur de référence de 10 m, pendant ces mêmes périodes de 10 minutes.

Les hypothèses des conditions météorologiques montrent que les vents proviennent majoritairement de sud-ouest et de nord-est (à 10 mètres au-dessus du sol). C'est d'ailleurs ces mêmes orientations qui ont été constatées lors de la campagne de mesure du parc éolien "Champfleury" qui s'était déroulé du 17 juillet 2013 au 1 août 2013 et au niveau de la station météorologique située à l'aéroport de Châlons Vatry à 20 km du site.



Rose des vents pendant la campagne de mesure du projet de "Champfleury"



Rose des vents à l'aéroport de Châlons Vatry à 20 km du site (source : Windfarmer)

2.6. Caractérisation des niveaux résiduels de référence - Etat Initial

La contribution sonore des éoliennes sur le voisinage est évalué pour des vitesses de vent allant de 4 à 9 m/s à la hauteur de référence de 10 mètres (par pas de 1 m/s).

Pour chaque classe de vitesse de vent, il a été associé la valeur médiane des L50 restants en fonction des vitesses moyennes de vent. Les niveaux de bruit résiduels retenus pour les vitesses entières de chaque classe de vent sont déterminés par interpolation linéaire des couples L50 médian/vitesse de vent moyenne restants.

Les tableaux ci-dessous reprennent les conclusions du rapport de la société Delhom Acoustique dans le cadre du projet du parc éolien "Les Renardières". Ils nous donnent la synthèse de l'analyse statistique des valeurs de bruit résiduel mesurées selon les conditions météorologiques et les points de mesures.

Vitesse du vent standardisée à 10m (m/s)	Valeurs de bruit résiduel mesuré - Période diurne						
	PF1 Bonne Voisine	PF2 Herbisse	PF3 Allibaudières Nord	PF4 Allibaudières Sud	PF5 Champigny	PF6 Viâpres-le-Petit	PF7 Allibaudières Nord 2
4	30,5	32,5	32,0	29,5	33,5	32,5	32,0
5	31,0	33,5	33,0	30,0	33,5	33,0	33,0
6	33,0	35,0	33,5	32,5	36,0	38,5	33,5
7	34,5	38,0	35,5	32,5	36,0	38,5	35,5
8	37,0	35,9	38,0	35,5	37,5	40,5	38,0
9	37,5	40,0	38,0	36,5	38,5	40,5	38,0

Vitesse du vent standardisée à 10m (m/s)	Valeurs de bruit résiduel mesuré - Période nocturne						
	PF1 Bonne Voisine	PF2 Herbisse	PF3 Allibaudières Nord	PF4 Allibaudières Sud	PF5 Champigny	PF6 Viâpres-le-Petit	PF7 Allibaudières Nord 2
4	28,5	27,5	29,5	27,5	29,0	30,0	29,5
5	29,5	28,5	31,0	30,0	30,0	31,5	31,0
6	30,5	29,5	31,5	30,0	32,0	32,0	31,5
7	32,0	30,0	32,5	30,0	32,5	34,0	32,5
8	33,5	31,5	33,5	32,0	33,0	35,0	33,5
9	34,5	34,5	34,0	34,0	33,5	37,0	34,0

Niveaux résiduels moyens de référence pour les périodes diurne et nocturne

Les panels de mesures comportent des conditions représentatives d'une gamme assez large d'évolution de la situation sonore en fonction de la vitesse du vent.

Ces mesures traduisent l'élévation de l'ambiance sonore avec l'élévation des vitesses de vent, les niveaux obtenus correspondent à des situations modérées.

- De jour, les niveaux sonores estimés sont compris entre 29,5 dB(A) et 40,5 dB(A).
- De nuit, les niveaux sonores estimés sont compris entre 27,5 dB(A) et 37 dB(A).

3. CALCUL DE L'IMPACT DU PROJET

3.1. Modélisation géographique et acoustique

Le parc éolien est modélisé à l'aide du logiciel WindPro. Ce logiciel est reconnu au niveau international pour la modélisation de projets éoliens et le calcul de leurs impacts sonores. La base du projet est une carte IGN géoréférencée. L'entrée des courbes de niveau permet d'obtenir un modèle numérique de terrain en trois dimensions sur lequel sont positionnées les éoliennes, les lieux d'évaluation de l'impact sonore, ainsi que les autres éléments nécessaires aux calculs.

Le calcul de l'impact est réalisé à l'aide du module "DECIBEL" du logiciel WindPro. Il s'appuie sur la directive internationale DIN ISO 9613-2 relative à l'"Amortissement du bruit par propagation dans l'environnement."

3.2. Le module DECIBEL et les paramètres de calcul

Le module de calcul DECIBEL permet de déterminer le niveau de pression acoustique des éoliennes aux lieux d'impact sonore. Il définit également des courbes isophones pour la ferme éolienne et les représente graphiquement sur une carte.

L'émission sonore des éoliennes est décrite par leur niveau de puissance acoustique. Il s'agit de la valeur maximale en dB(A), qui est transmise par le constructeur des éoliennes.

Le bruit s'étend de manière circulaire autour de l'éolienne et décroît avec la distance de manière logarithmique. Les obstacles présents dans l'environnement du parc éolien (construction, végétation, etc...), le sol, ainsi que l'air, amortissent le bruit. Le bruit est amplifié par la réflexion et les autres sources sonores.

Dans le modèle utilisé, aucun obstacle n'est modélisé entre les éoliennes et les lieux d'évaluation de l'impact. De même aucun coefficient d'amortissement dû à l'atmosphère n'est appliqué. Ces mesures permettent de maximiser l'impact calculé.

La contribution sonore au point d'impact due à la réflexion des ondes sonores sur le sol est pondérée par un facteur lié à la nature absorbante du sol. Ce coefficient d'amortissement est choisi en fonction des observations réalisées sur le site du projet et en concertation avec les experts acousticiens. comme représentant d'un sol relativement absorbant.

La propagation du son se fait en réalité dans la direction du vent et cet aspect n'est pas pris en compte par le logiciel ce qui a pour effet de rendre le calcul plus contraignant.

Le niveau de pression acoustique est la valeur sonore en dB(A), mesurée ou calculée au point d'impact (valeur représentative du son naturellement perçu par l'oreille humaine). C'est la valeur utilisée pour contrôler le respect de l'impact.

3.2.1. Taille de l'éolienne et niveaux de puissance acoustique pour la vitesse de vent considérée

Pour le projet de parc éolien, deux gabarits d'éoliennes sont envisagés :

- L'Enercon E-160 EP5 / 5,5 MW, sur des tours de 120 et 140 mètres,
- L'Enercon E-138 EP3 / 4,2 MW, sur des tours de 131 et 149 mètres,

Les éoliennes Enercon sont réputées pour leur faible niveau de puissance acoustique, dû notamment à la technologie Enercon sans multiplicateur et au système "Serration", devenu un standard sur ces machines.

Les données constructeur des niveaux de puissance acoustique des éoliennes sont présentées en annexe.

Les valeurs fréquentielles sont quant à elles issues de la bibliothèque d'éoliennes du logiciel Windpro, ces données ont fait l'objet d'une validation par la société Enercon.

Le tableau ci-dessous reprend les valeurs retenues pour le calcul d'évaluation de l'impact.

Estimation des niveaux de puissance acoustique des éoliennes Enercon E-160 et E-138 utilisés pour le calcul de l'impact acoustique				
V (m/s) à 10m	E-160 EP5 E2 /120m	E-160 EP5 E2 /140m	E-138 EP3 E2 /131m	E-138 EP3 E2 /149m
95% de Pn	106,8 dB(A)	106,8 dB(A)	106,0 dB(A)	106,0 dB(A)
3	94,0 dB(A)	94,5 dB(A)	93,9 dB(A)	94,3 dB(A)
4	100,7 dB(A)	101,2 dB(A)	100,3 dB(A)	100,6 dB(A)
5	105,4 dB(A)	105,9 dB(A)	103,2 dB(A)	103,2 dB(A)
6	106,8 dB(A)	106,8 dB(A)	104,2 dB(A)	104,3 dB(A)
7	106,8 dB(A)	106,8 dB(A)	105,2 dB(A)	105,2 dB(A)
8	106,8 dB(A)	106,8 dB(A)	105,9 dB(A)	106,0 dB(A)
9	106,8 dB(A)	106,8 dB(A)	106,0 dB(A)	106,0 dB(A)
10	106,8 dB(A)	106,8 dB(A)	106,0 dB(A)	106,0 dB(A)

Niveau de puissance acoustique moyen de la E-160 et la E-138 retenu pour le calcul de l'impact

Le niveau de puissance acoustique de l'éolienne E-160 EP5 E2 est légèrement supérieur à celui de l'éolienne E-138 EP3 E2. L'étude acoustique dont le but est de juger de la possibilité d'exploiter un parc éolien en respectant les exigences réglementaires sera ainsi effectué avec le modèle le plus défavorable qui est l'Enercon E-160 EP5 E2 149m.

3.2.2. Modèle de calcul et paramètres acoustiques : DIN ISO 9613-2 "Amortissement du bruit par propagation dans l'environnement"

Facteur de correction météorologique : il permet le calcul par la prise en compte de ce facteur sur la propagation sonore. Ce paramètre n'est pertinent qu'à une distance importante du parc, supérieure à 10 fois la hauteur du chemin sonore, soit environ 1.000 mètres pour le parc projeté. Le calcul est effectué sans effet météorologique, ce qui est le cas le plus pénalisant pour le calcul de l'impact.

Facteur de sol : il permet de prendre en compte les propriétés d'absorption des sols et est défini en fonction de la nature du terrain. Pour les calculs, un coefficient de 0,7 représentatif du sol sur le projet a été retenu.

3.2.3. Coordonnées géographiques des éoliennes

Nom	Variante N°1					WGS84	
	Modèle	Hauteur nacelle	Diamètre Rotor	Hauteur totale	Puissance	X	Y
EOL1	E-160 EP5 E2	140 m	160 m	220 m	5,5 MW	4° 4'43.45"E	48°35'55.31"N
EOL2	E-160 EP5 E2	140 m	160 m	220 m	5,5 MW	4° 4'22.01"E	48°35'49.73"N
EOL3	E-160 EP5 E2	140 m	160 m	220 m	5,5 MW	4° 3'59.05"E	48°35'38.04"N
EOL21	E-160 EP5 E2	120 m	160 m	200 m	5,5 MW	4° 4'33.44"E	48°36'27.86"N
EOL22	E-160 EP5 E2	140 m	160 m	220 m	5,5 MW	4° 4'51.02"E	48°36'13.61"N
EOL23	E-160 EP5 E2	140 m	160 m	220 m	5,5 MW	4° 5'24.66"E	48°35'59.42"N

Nom	Variante N°2					WGS84	
	Modèle	Hauteur nacelle	Diamètre Rotor	Hauteur totale	Puissance	X	Y
EOL1	E-138 EP3 E2	149 m	138 m	218 m	4,2 MW	4° 4'43.45"E	48°35'55.31"N
EOL2	E-138 EP3 E2	149 m	138 m	218 m	4,2 MW	4° 4'22.01"E	48°35'49.73"N
EOL3	E-138 EP3 E2	149 m	138 m	218 m	4,2 MW	4° 3'59.05"E	48°35'38.04"N
EOL21	E-138 EP3 E2	130 m	138 m	200 m	4,2 MW	4° 4'33.44"E	48°36'27.86"N
EOL22	E-138 EP3 E2	149 m	138 m	218 m	4,2 MW	4° 4'51.02"E	48°36'13.61"N
EOL23	E-138 EP3 E2	149 m	138 m	218 m	4,2 MW	4° 5'24.66"E	48°35'59.42"N

3.3. IMPACT CUMULÉ AVEC LES AUTRES PROJETS ÉOLIENS

D'après le guide de l'étude d'impact sur l'environnement des parcs éoliens, un parc existant et exploité sur un site contribue à l'ambiance sonore du secteur : il doit donc être pris en compte (au même titre qu'une route, une carrière ou autre) dans le bruit résiduel pour un projet éolien développé dans le secteur.

3.3.1. Parc éoliens en service

- Le parc éolien de "Côte Notre Dame", en service depuis 2016 est composé de 3 éoliennes Vestas V100 2 MW sur des tours de 95 m,
- Le parc éolien de "Plan Fleury", en service depuis 2017 est composé de 11 éoliennes Vestas V100 2 MW sur des tours de 95 m,
- Le parc éolien "Les Renardières", en service depuis 2017 est composé de 7 éoliennes Vestas V126 3,45 MW sur des tours de 94 m.

Ces trois parcs mis service après novembre 2013, date à laquelle la campagne de mesure a été réalisée, sont donc de surcroît à intégrer au bruit de fond existant dans l'état initial de l'étude acoustique du projet de Viâpres-le-Petit et Allibaudières.

Le Bureau d'études Delhom Acoustique, dans son rapport de Novembre 2013, a proposé un bridage pour le parc "Les Renardières". Le bruit de fond est donc déjà implémenté par le fonctionnement de ce parc avec des bridages en période nocturne.

L'ensemble des simulations seront ainsi menées en considérant les parcs "Côte Notre Dame" et "Plan Fleury" dans leur fonctionnement normal.

3.3.2. Etat initial du bruit résiduel ambiant en intégrant le parc "Les Renardières"

Le parc éolien "Les Renardières" fonctionne avec un plan de bridage nocturne défini selon la direction du vent. Il est à noter que ces résultats ont été réalisés dans le cadre où le parc éolien "Les Renardières" est composé de 8 éoliennes.

Les résultats des calculs d'émergence effectués par la société Delhom Acoustique sont présentés dans les tableaux ci-après.

Vitesse du vent standardisée à 10m (m/s)	Valeurs de bruit résiduel mesuré - Période diurne - Vent de Sud-Ouest						
	PF1 Bonne Voisine	PF2 Herbisse	PF3 Allibaudières Nord	PF4 Allibaudières Sud	PF5 Champigny	PF6 Viâpres-le-Petit	PF7 Allibaudières Nord 2
4	32,3	33,0	33,2	31,3	33,8	32,5	33,2
5	34,9	34,6	35,1	33,2	34,2	33,0	35,1
6	37,1	36,6	36,9	35,8	35,6	36,0	36,9
7	38,2	39,3	38,9	37,4	37,1	38,5	38,9
8	39,4	40,4	40,2	38,6	38,3	40,5	40,2
9	40,5	41,0	40,3	39,2	39,2	40,5	40,3

Vitesse du vent standardisée à 10m (m/s)	Valeurs de bruit résiduel mesuré - Période diurne - Vent de Nord-Est						
	PF1 Bonne Voisine	PF2 Herbisse	PF3 Allibaudières Nord	PF4 Allibaudières Sud	PF5 Champigny	PF6 Viâpres-le-Petit	PF7 Allibaudières Nord 2
4	32,5	32,9	33,0	31,2	34,0	33,0	33,0
5	35,5	34,4	34,5	33,1	34,7	34,1	34,5
6	37,8	36,4	36,2	35,7	36,5	37,1	36,2
7	38,9	39,2	38,3	37,4	38,2	39,5	38,3
8	40,0	40,4	39,8	38,6	39,1	41,2	39,8
9	41,1	40,9	39,8	39,2	39,9	41,3	39,8

Vitesse du vent standardisée à 10m (m/s)	Valeurs de bruit résiduel mesuré - Période nocturne - Sud-Ouest						
	PF1 Bonne Voisine	PF2 Herbisse	PF3 Allibaudières Nord	PF4 Allibaudières Sud	PF5 Champigny	PF6 Viâpres-le-Petit	PF7 Allibaudières Nord 2
4	31,1	29,0	31,5	30,1	29,8	30,0	31,5
5	34,4	31,4	34,0	33,2	31,3	31,5	34,0
6	35,0	33,2	35,0	34,2	33,4	32,0	35,0
7	34,9	34,0	35,5	34,2	33,8	34,0	35,5
8	36,5	34,9	36,3	35,0	33,9	35,0	36,3
9	37,4	36,9	37,0	36,5	34,4	37,0	37,0

Vitesse du vent standardisée à 10m (m/s)	Valeurs de bruit résiduel mesuré - Période nocturne - Nord-Est						
	PF1 Bonne Voisine	PF2 Herbisse	PF3 Allibaudières Nord	PF4 Allibaudières Sud	PF5 Champigny	PF6 Viâpres-le-Petit	PF7 Allibaudières Nord 2
4	31,4	28,8	31,1	30,0	30,3	30,8	31,1
5	35,0	30,9	33,2	33,1	32,4	32,9	33,2
6	34,9	33,1	35,0	34,9	34,9	34,3	35,0
7	34,9	34,5	35,5	34,3	34,8	35,5	35,5
8	36,4	34,5	35,9	35,0	35,1	36,2	35,9
9	37,5	36,9	37,0	37,0	36,1	38,2	37,0

3.3.3. Etat initial du bruit résiduel ambiant après intégration des parcs "Côte Notre Dame" et "Plan Fleury"

Les parcs éoliens "Côte Notre Dame" et "Plan Fleury" ont été mis en service après les mesures de la société Delhom Acoustique. Aux valeurs de bruit présentées dans les tableaux ci-avants sont donc ajoutées le bruit des parcs "Côte Notre Dame" et "Plan Fleury" dans leur fonctionnement habituel. Un calcul d'impact sonore de leurs fonctionnements a été mené afin de définir les valeurs de bruit résiduels pour le projet de parc de Viâpres-le-petit et Allibaudières. Les résultats sont détaillés ci-dessous.

Vitesse du vent standardisée à 10m (m/s)	Valeurs de bruit résiduel mesuré - Période diurne - Vent de Sud-Ouest						
	PF1 Bonne Voisine	PF2 Herbisse	PF3 Allibaudières Nord	PF4 Allibaudières Sud	PF5 Champigny	PF6 Viâpres-le-Petit	PF7 Allibaudières Nord 2
4	33,4	33,2	33,4	31,6	33,9	32,7	33,4
5	36,4	34,9	35,4	33,6	34,4	33,4	35,4
6	38,7	37,0	37,3	36,2	35,9	36,3	37,3
7	39,6	39,6	39,2	37,7	37,3	38,7	39,2
8	40,5	40,6	40,4	38,9	38,5	40,6	40,4
9	41,4	41,2	40,5	39,4	39,3	40,6	40,5

Vitesse du vent standardisée à 10m (m/s)	Valeurs de bruit résiduel mesuré - Période diurne - Vent de Nord-Est						
	PF1 Bonne Voisine	PF2 Herbisse	PF3 Allibaudières Nord	PF4 Allibaudières Sud	PF5 Champigny	PF6 Viâpres-le-Petit	PF7 Allibaudières Nord 2
4	33,6	33,1	33,2	31,5	34,1	33,1	33,2
5	36,8	34,8	34,9	33,5	34,9	34,4	34,8
6	39,2	36,8	36,6	36,1	36,7	37,4	36,6
7	40,1	39,5	38,6	37,7	38,4	39,7	38,6
8	41,0	40,6	40,0	38,9	39,2	41,3	40,0
9	41,9	41,1	40,0	39,4	40,0	41,4	40,0

Vitesse du vent standardisée à 10m (m/s)	Valeurs de bruit résiduel mesuré - Période nocturne - Sud-Ouest						
	PF1 Bonne Voisine	PF2 Herbisse	PF3 Allibaudières Nord	PF4 Allibaudières Sud	PF5 Champigny	PF6 Viâpres-le-Petit	PF7 Allibaudières Nord 2
4	32,5	29,5	31,8	30,4	30,0	30,3	31,8
5	36,0	32,1	34,4	33,6	31,7	32,0	34,4
6	37,4	34,1	35,6	34,8	33,8	32,8	35,6
7	37,4	34,8	36,0	34,8	34,2	34,5	36,1
8	38,5	35,6	36,8	35,6	34,3	35,5	36,8
9	39,1	37,4	37,4	36,9	34,8	37,3	37,4

Vitesse du vent standardisée à 10m (m/s)	Valeurs de bruit résiduel mesuré - Période nocturne - Nord-Est						
	PF1 Bonne Voisine	PF2 Herbisse	PF3 Allibaudières Nord	PF4 Allibaudières Sud	PF5 Champigny	PF6 Viâpres-le-Petit	PF7 Allibaudières Nord 2
4	32,7	29,3	31,4	30,3	30,5	31,0	31,4
5	36,5	31,7	33,7	33,5	32,7	33,3	33,7
6	37,3	34,0	35,6	35,4	35,2	34,8	35,6
7	37,4	35,2	36,0	34,9	35,1	35,9	36,1
8	38,4	35,3	36,4	35,6	35,4	36,6	36,4
9	39,1	37,4	37,4	37,4	36,4	38,4	37,4

Ces valeurs, qui prennent en compte les parcs éoliens "Côte Notre Dame" et "Plan Fleury" établissent le bruit résiduel pour les calculs de l'impact sonore du parc de Viâpres-le-petit et Allibaudières, objet de la présente demande.

4. PRESENTATION DES RÉSULTATS ET ANALYSE DE L'IMPACT

Les calculs d'émergence sont effectués pour le modèle d'éolienne dont les niveaux de puissance acoustique des éoliennes sont les plus élevés donc les Enercon E-160 EP5 E2 5,5 MW sur une tour de 140 mètres suivant les hypothèses formulées dans la partie précédente, sur la base des niveaux résiduels moyens de référence.

Les résultats détaillés des calculs effectués pour chaque point d'impact avec des vitesses de vent de 4 à 9 m/s en période diurne et nocturne sont présentés en annexe et résumés dans les pages suivantes.

Pour chaque cas sont donnés le bruit initial, le bruit causé par les éoliennes, l'état sonore ambiant cumulatif ainsi que l'émergence calculée par rapport au bruit résiduel moyen initial, prise au delà de la valeur seuil de 35 dB(A). Le rapport fournit également une carte isophone.

Les résultats des calculs sonores sont résumés dans les tableaux des pages suivantes.

L'impact acoustique du projet sera calculé en deux temps :

- l'ensemble des parcs en service et le projet objet de cette étude,
- l'ensemble des parcs en service, les projets autorisés ou en instruction et le projet objet de cette étude.

4.1. LES PARCS ÉOLIENS EN SERVICE ET LE PROJET DE VIÂPRES-LE-PETIT ET ALLIBAUDIÈRES

4.1.1. Période Diurne (7h - 22h)

PF1 Bonne Voisine						
Diurne (7h-22h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	33,4 / 33,6	36,4 / 36,8	38,7 / 39,2	39,6 / 40,1	40,5 / 41	41,4 / 41,9
Bruit induit par les éoliennes (dBA)	18,7	22,9	23,9	23,8	23,6	23,7
Bruit ambiant calculé (dBA)	33,5 / 33,7	36,6 / 37	38,8 / 39,3	39,7 / 40,2	40,6 / 41,1	41,5 / 42
Emergence par rapport au bruit résiduel (dBA)	0,1	0,2	0,1	0,1	0,1	0,1

PF2 Herbisce						
Diurne (7h-22h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	33,2 / 33,1	34,9 / 34,8	37 / 36,8	39,6 / 39,5	40,6	41,2 / 41,1
Bruit induit par les éoliennes (dBA)	20,6	24,9	25,8	25,7	25,6	25,7
Bruit ambiant calculé (dBA)	33,4 / 33,3	35,3 / 35,2	37,3 / 37,1	39,8 / 39,7	40,7	41,3 / 41,2
Emergence par rapport au bruit résiduel (dBA)	0,2	0,4	0,3	0,2	0,1	0,1

PF3 Allibaudières Nord						
Diurne (7h-22h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	33,4 / 33,2	35,5 / 34,9	37,3 / 36,7	39,2 / 38,6	40,4 / 40	40,5 / 40
Bruit induit par les éoliennes (dBA)	22,0	26,3	27,3	27,1	27,0	27,0
Bruit ambiant calculé (dBA)	33,7 / 33,5	36 / 35,5	37,7 / 37,2	39,5 / 38,9	40,6 / 40,2	40,7 / 40,2
Emergence par rapport au bruit résiduel (dBA)	0,3	0,5 / 0,6	0,4 / 0,5	0,3	0,2	0,2

PF4 Allibaudières Sud						
Diurne (7h-22h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	31,6 / 31,5	33,6 / 33,5	36,2 / 36,1	37,7	38,9	39,4 / 39,4
Bruit induit par les éoliennes (dBA)	16,1	20,3	21,3	21,2	21,1	21,2
Bruit ambiant calculé (dBA)	31,7 / 31,6	33,8 / 33,7	36,3 / 36,2	37,8	39,0	39,5
Emergence par rapport au bruit résiduel (dBA)	0,1	0,2	0,1	0,1	0,1	0,1

PF5 Champigny						
Diurne (7h-22h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	33,9 / 34,1	34,4 / 34,9	35,9 / 36,8	37,3 / 38,4	38,5 / 39,3	39,3 / 40
Bruit induit par les éoliennes (dBA)	14,4	18,6	19,5	19,4	19,4	19,6
Bruit ambiant calculé (dBA)	33,9 / 34,1	34,5 / 35	36 / 36,9	37,4 / 38,5	38,6 / 39,3	39,3 / 40
Emergence par rapport au bruit résiduel (dBA)	0,0	0,1	0,1	0,1	0,1 / 0,0	0,0

PF6 Viâpres-le-Petit						
Diurne (7h-22h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	32,7 / 33,2	33,4 / 34,4	36,4 / 37,4	38,7 / 39,7	40,7 / 41,3	40,7 / 41,4
Bruit induit par les éoliennes (dBA)	13,1	17,2	18,1	18,1	18,0	18,2
Bruit ambiant calculé (dBA)	32,7 / 33,2	33,5 / 34,5	36,5 / 37,5	38,7 / 39,7	40,7 / 41,3	40,7 / 41,4
Emergence par rapport au bruit résiduel (dBA)	0,0	0,1	0,1	0,0	0,0	0,0

PF7 Allibaudières Nord 2						
Diurne (7h-22h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	33,4 / 33,2	35,5 / 34,9	37,3 / 36,7	39,2 / 38,6	40,4 / 40	40,5 / 40
Bruit induit par les éoliennes (dBA)	23,2	27,6	28,5	28,4	28,2	28,3
Bruit ambiant calculé (dBA)	33,8 / 33,6	31,1 / 35,6	37,8 / 37,3	39,5 / 39	40,7 / 40,3	40,8 / 40,3
Emergence par rapport au bruit résiduel (dBA)	0,4	0,6 / 0,7	0,5 / 0,6	0,3 / 0,4	0,3	0,3

Commentaires :

La contribution sonore des éoliennes du projet de Viâpres-le-Petit et Allibaudières aux points d'évaluation de l'impact est dans l'ensemble relativement faible même par vent fort.

D'après l'analyse effectuée sur la base des niveaux résiduels moyens de référence L50, les émergences globales diurnes engendrées par le projet restent très faibles voire nulles.

Aucun dépassement des seuils d'émergence réglementaires de 5dB pour la période diurne n'est constaté.

4.1.2. Période Nocturne (22h - 7h)

PF1 Bonne Voisine						
Nocturne (22h-7h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	32,5 / 32,7	36 / 36,5	37,4 / 37,3	37,4 / 37,4	38,5 / 38,4	39,1 / 39,1
Bruit induit par les éoliennes (dBA)	18,7	22,9	23,9	23,8	23,6	23,7
Bruit ambiant calculé (dBA)	32,7 / 32,9	36,2 / 36,7	37,6 / 37,5	37,6	38,6 / 38,5	39,2
Emergence par rapport au bruit résiduel (dBA)	0,2	0,2	0,2	0,2	0,1	0,1

PF2 Herbisse						
Nocturne (22h-7h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	29,5 / 29,3	32,1 / 31,7	34,1 / 34	34,8 / 35,2	35,6 / 35,3	37,4
Bruit induit par les éoliennes (dBA)	20,6	24,9	25,8	25,7	25,6	25,7
Bruit ambiant calculé (dBA)	30 / 29,9	32,9 / 32,5	34,7 / 34,6	35,3 / 35,7	36 / 35,7	37,7
Emergence par rapport au bruit résiduel (dBA)	0,5 / 0,6	0,8	0,6	0,5	0,4	0,3

PF3 Allibaudières Nord						
Nocturne (22h-7h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	31,8 / 31,4	34,4 / 33,7	35,6 / 35,6	36,0	36,8 / 36,4	37,4
Bruit induit par les éoliennes (dBA)	22,0	26,3	27,3	27,1	27,0	27,0
Bruit ambiant calculé (dBA)	32,2 / 31,9	35 / 34,4	36,2	36,5	37,2 / 36,9	37,8
Emergence par rapport au bruit résiduel (dBA)	0,4 / 0,5	0,6 / 0,7	0,6	0,5	0,4 / 0,5	0,4

PF4 Allibaudières Sud						
Nocturne (22h-7h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	30,4 / 30,3	33,6 / 33,5	34,8 / 35,4	34,8 / 34,9	35,6 / 35,6	36,9 / 37,4
Bruit induit par les éoliennes (dBA)	16,1	20,3	21,3	21,2	21,1	21,2
Bruit ambiant calculé (dBA)	30,6 / 30,5	33,8 / 33,7	35 / 35,6	35 / 35,1	35,8	37 / 37,5
Emergence par rapport au bruit résiduel (dBA)	0,2	0,2	0,2	0,2	0,2	0,1

PF5 Champigny						
Nocturne (22h-7h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	30,1 / 30,5	31,7 / 32,8	33,9 / 35,3	34,3 / 35,2	34,4 / 35,5	34,8 / 36,4
Bruit induit par les éoliennes (dBA)	14,4	18,6	19,5	19,4	19,4	19,6
Bruit ambiant calculé (dBA)	30,2 / 30,6	31,9 / 33	34,1 / 35,4	34,4 / 35,3	34,5 / 35,6	34,9 / 36,5
Emergence par rapport au bruit résiduel (dBA)	0,1	0,2	0,2 / 0,1	0,1	0,1	0,1

PF6 Viâpres-le-Petit						
Nocturne (22h-7h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	30,3 / 31,1	32,1 / 33,3	32,9 / 34,9	34,6 / 36	35,5 / 36,6	37,3 / 38,5
Bruit induit par les éoliennes (dBA)	13,1	17,2	18,1	18,1	18,0	18,2
Bruit ambiant calculé (dBA)	30,4 / 31,2	32,2 / 33,4	33 / 35	34,7 / 36,1	35,6 / 36,7	37,4 / 38,5
Emergence par rapport au bruit résiduel (dBA)	0,1	0,1	0,1	0,1	0,1	0,1 / 0

PF7 Allibaudières Nord 2						
Nocturne (22h-7h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	31,8 / 31,4	34,4 / 33,7	35,7 / 35,7	36,1 / 36,1	36,8 / 36,5	37,5 / 37,5
Bruit induit par les éoliennes (dBA)	23,2	27,6	28,5	28,4	28,2	28,3
Bruit ambiant calculé (dBA)	32,4 / 32	35,2 / 34,6	36,5 / 36,5	36,8	37,4 / 37,1	38,0
Emergence par rapport au bruit résiduel (dBA)	0,6	0,8 / 0,9	0,8	0,7	0,6	0,5

Commentaires :

La contribution sonore des éoliennes du projet de Viâpres-le-Petit et Allibaudières aux points d'évaluation de l'impact est dans l'ensemble relativement faible même par vent fort.

D'après l'analyse effectuée sur la base des niveaux résiduels moyens de référence L50, les émergences globales nocturne engendrées par le projet restent très faibles voire nulles.

Aucun dépassement des seuils d'émergence réglementaires de 3dB pour la période nocturne n'est constaté.

4.2. PARCS ÉOLIENS EN SERVICE, LES PROJETS AUTORISÉS OU EN INSTRUCTION ET LE PROJET DE VIÂPRES-LE-PETIT ET ALLIBAUDIÈRES

4.2.1. Période Diurne (7h - 22h)

PF1 Bonne Voisine						
Diurne (7h-22h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	33,4 / 33,6	36,4 / 36,8	38,7 / 39,2	39,6 / 40,1	40,5 / 41	41,4 / 41,9
Bruit induit par les éoliennes (dBA)	27,2	31,8	35,6	38,3	38,6	38,6
Bruit ambiant calculé (dBA)	34,3 / 34,5	37,7 / 38	40,4 / 40,8	42 / 42,3	42,7 / 43	43,2 / 43,6
Emergence par rapport au bruit résiduel (dBA)	0,9	1,3 / 1,2	1,7 / 1,6	2,4 / 2,2	2,2 / 2	1,8 / 1,7

PF2 Herbisse						
Diurne (7h-22h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	33,2 / 33,1	34,9 / 34,8	37 / 36,8	39,6 / 39,5	40,6	41,2 / 41,1
Bruit induit par les éoliennes (dBA)	22,4	36,8	29,2	30,7	30,8	30,9
Bruit ambiant calculé (dBA)	33,5	35,5 / 35,4	37,7 / 37,5	40,1 / 40	41,0	41,6 / 41,5
Emergence par rapport au bruit résiduel (dBA)	0,3 / 0,4	0,6	0,7	0,5	0,4	0,4

PF3 Allibaudières Nord						
Diurne (7h-22h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	33,4 / 33,2	35,5 / 34,9	37,3 / 36,7	39,2 / 38,6	40,4 / 40	40,5 / 40
Bruit induit par les éoliennes (dBA)	22,5	26,8	28,3	28,9	28,8	28,9
Bruit ambiant calculé (dBA)	33,7 / 33,6	36,1 / 35,5	37,8 / 37,3	39,6 / 39	40,7 / 40,3	40,8 / 40,3
Emergence par rapport au bruit résiduel (dBA)	0,4	0,6 / 0,6	0,5 / 0,6	0,4	0,3	0,3

PF4 Allibaudières Sud						
Diurne (7h-22h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	31,6 / 31,5	33,6 / 33,5	36,2 / 36,1	37,7	38,9	39,4 / 39,4
Bruit induit par les éoliennes (dBA)	17,8	22,1	24,3	25,5	25,6	25,6
Bruit ambiant calculé (dBA)	31,8 / 31,7	33,9 / 33,8	36,5 / 36,4	38,0	39,1	39,6
Emergence par rapport au bruit résiduel (dBA)	0,2	0,3	0,3	0,3	0,2	0,2

PF5 Champigny						
Diurne (7h-22h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	33,9 / 34,1	34,4 / 34,9	35,9 / 36,8	37,3 / 38,4	38,5 / 39,3	39,3 / 40
Bruit induit par les éoliennes (dBA)	16,1	20,5	22,7	24,0	24,1	24,1
Bruit ambiant calculé (dBA)	34 / 34,2	34,6 / 35,1	36,1 / 37	37,5 / 38,6	38,7 / 39,4	39,4 / 40,1
Emergence par rapport au bruit résiduel (dBA)	0,1	0,2	0,2	0,2	0,2 / 0,1	0,1

PF7 Allibaudières Nord 2						
Diurne (7h-22h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	33,4 / 33,2	35,5 / 34,9	37,3 / 36,7	39,2 / 38,6	40,4 / 40	40,5 / 40
Bruit induit par les éoliennes (dBA)	23,7	28,0	29,4	29,9	29,8	29,9
Bruit ambiant calculé (dBA)	33,8 / 33,7	36,2 / 35,7	38 / 37,4	39,7 / 39,2	40,8 / 40,4	40,9 / 40,4
Emergence par rapport au bruit résiduel (dBA)	0,4 / 0,5	0,7 / 0,8	0,7 / 0,7	0,5 / 0,6	0,4	0,4

Commentaires :

La contribution sonore des éoliennes du projet de Viâpres-le-Petit et Allibaudières, associées aux projets autorisés ou en instruction, est dans l'ensemble relativement faible même par vent fort.

D'après l'analyse effectuée sur la base des niveaux résiduels moyens de référence L50, les émergences globales diurnes engendrées par le projet restent très faibles.

Aucun dépassement des seuils d'émergence réglementaires de 5dB pour la période diurne n'est constaté.

4.2.2. Période Nocturne (22h - 7h)

PF1 Bonne Voisine						
Nocturne (22h-7h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	32,5 / 32,7	36 / 36,5	37,4 / 37,3	37,4 / 37,4	38,5 / 38,4	39,1 / 39,1
Bruit induit par les éoliennes (dBA)	27,2	31,8	35,6	38,3	38,6	38,6
Bruit ambiant calculé (dBA)	33,6 / 33,8	37,4 / 37,8	39,6 / 39,5	40,9	41,6 / 41,5	41,9
Emergence par rapport au bruit résiduel (dBA)	1,1	1,4 / 1,3	2,2	3,5	3,1	2,8

PF2 Herbisse						
Nocturne (22h-7h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	29,5 / 29,3	32,1 / 31,7	34,1 / 34	34,8 / 35,2	35,6 / 35,3	37,4
Bruit induit par les éoliennes (dBA)	22,4	26,8	29,2	30,7	30,8	30,9
Bruit ambiant calculé (dBA)	30,3 / 30,1	33,2 / 32,9	35,3 / 35,2	36,2 / 36,5	36,8 / 36,6	38,3
Emergence par rapport au bruit résiduel (dBA)	0,8 / 0,8	1,1 / 1,2	1,2	1,4 / 1,3	1,2 / 1,3	0,9

PF3 Allibaudières Nord						
Nocturne (22h-7h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	31,8 / 31,4	34,4 / 33,7	35,6 / 35,6	36,0	36,8 / 36,4	37,4
Bruit induit par les éoliennes (dBA)	22,5	26,8	28,3	28,9	28,8	28,9
Bruit ambiant calculé (dBA)	32,3 / 31,9	35,1 / 34,5	36,3	36,8	37,4 / 37,1	38,0
Emergence par rapport au bruit résiduel (dBA)	0,5	0,7 / 0,8	0,7	0,8	0,6 / 0,7	0,6

PF4 Allibaudières Sud						
Nocturne (22h-7h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	30,4 / 30,3	33,6 / 33,5	34,8 / 35,4	34,8 / 34,9	35,6 / 35,6	36,9 / 37,4
Bruit induit par les éoliennes (dBA)	17,8	22,1	24,3	25,5	25,6	25,6
Bruit ambiant calculé (dBA)	30,6 / 30,5	33,9 / 33,8	35,2 / 35,7	35,3 / 35,4	36,0	37,2 / 37,7
Emergence par rapport au bruit résiduel (dBA)	0,2	0,3	0,4 / 0,3	0,5	0,4	0,3

PF5 Champigny						
Nocturne (22h-7h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	30,1 / 30,5	31,7 / 32,8	33,9 / 35,3	34,3 / 35,2	34,4 / 35,5	34,8 / 36,4
Bruit induit par les éoliennes (dBA)	16,1	20,5	22,7	24,0	24,1	24,1
Bruit ambiant calculé (dBA)	30,3 / 30,7	32 / 33	34,2 / 35,5	34,7 / 35,5	34,8 / 35,8	35,2 / 36,6
Emergence par rapport au bruit résiduel (dBA)	0,2	0,3 / 0,2	0,3 / 0,2	0,4 / 0,3	0,4 / 0,3	0,4 / 0,2

PF6 Viâpres-le-Petit						
Nocturne (22h-7h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	30,3 / 31,1	32,1 / 33,3	32,9 / 34,9	34,6 / 36	35,5 / 36,6	37,3 / 38,5
Bruit induit par les éoliennes (dBA)	16,3	20,6	23,4	24,9	25,0	25,0
Bruit ambiant calculé (dBA)	30,5 / 31,2	32,4 / 33,5	33,4 / 35,2	35 / 36,3	35,9 / 36,9	37,5 / 38,7
Emergence par rapport au bruit résiduel (dBA)	0,2 / 0,1	0,3 / 0,2	0,5 / 0,3	0,4 / 0,3	0,4 / 0,3	0,2

PF7 Allibaudières Nord 2						
Nocturne (22h-7h)						
Vitesse de vent (m/s)	4	5	6	7	8	9
Direction du vent	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE	SO / NE
EVALUATION DE L'IMPACT SONORE						
Bruit résiduel mesuré (dBA)	31,8 / 31,4	34,4 / 33,7	35,7 / 35,7	36,1 / 36,1	36,8 / 36,5	37,5 / 37,5
Bruit induit par les éoliennes (dBA)	23,7	28,0	29,4	29,9	29,8	29,9
Bruit ambiant calculé (dBA)	32,4 / 32,1	35,3 / 34,7	36,6	37,0	37,6 / 37,4	38,2
Emergence par rapport au bruit résiduel (dBA)	0,6 / 0,7	0,9 / 1	0,9	0,9	0,8 / 0,9	0,7

Commentaires :

La contribution sonore des éoliennes du projet de Viâpres-le-Petit et Allibaudières, associées aux projets autorisés ou en instruction, est dans l'ensemble relativement faible même par vent fort.

D'après l'analyse effectuée sur la base des niveaux résiduels moyens de référence L50, les émergences globales nocturnes engendrées par les projets restent faibles.

Seules deux émergences sont constatées au point PF1 pour les vitesses de vent de 7 et 8 m/s.

Il est à noter que des dépassements, bien qu'à un niveau naturellement moindre, sont également présents avec les parcs autorisés ou en instruction mais sans le projet de Viâpres-le-Petit et Allibaudières.

Le projet peut être optimisé avec la modification des éoliennes E-160 fonctionnant en mode 0 par un des 9 fonctionnements en mode réduit, c'est-à-dire avec une courbe de puissance modifiée afin de permettre une émission sonore plus faible dans la classe de vent où est constatée l'émergence.

Cependant, à ce jour, trop d'incertitudes demeurent pour définir un plan de gestion acoustique précis notamment dû :

- aux projets autorisés et en instruction, qui sont à la source principale des émergences obtenues au sein de ce rapport et qui ont été pris en compte mais dont la mise en service reste incertaine,
- aux éventuels plans de bridage des autres parcs qui n'ont pas été pris en compte dans les calculs,
- au plan de bridage du parc de "Les Renardières" qui a pu être modifié.

C'est pourquoi, en fonction de l'avancée des projets autorisés ou en instruction et des différents mode de bridage appliqués pour ces derniers, mais également pour les projets en service, le projet de Viâpres-le-Petit et Allibaudières sera adapté afin de garantir le respect des exigences réglementaires. Pour cela, il est prévu d'effectuer un contrôle après la construction du parc.

Le rapport de ces mesures sera mis à disposition de l'inspecteur des installations classées.

4.3. Mesure du bruit de l'installation

a - Périmètre de mesure du bruit de l'installation :

Le périmètre de mesure de bruit de l'installation est calculé à l'aide de la formule fournie dans l'arrêté :

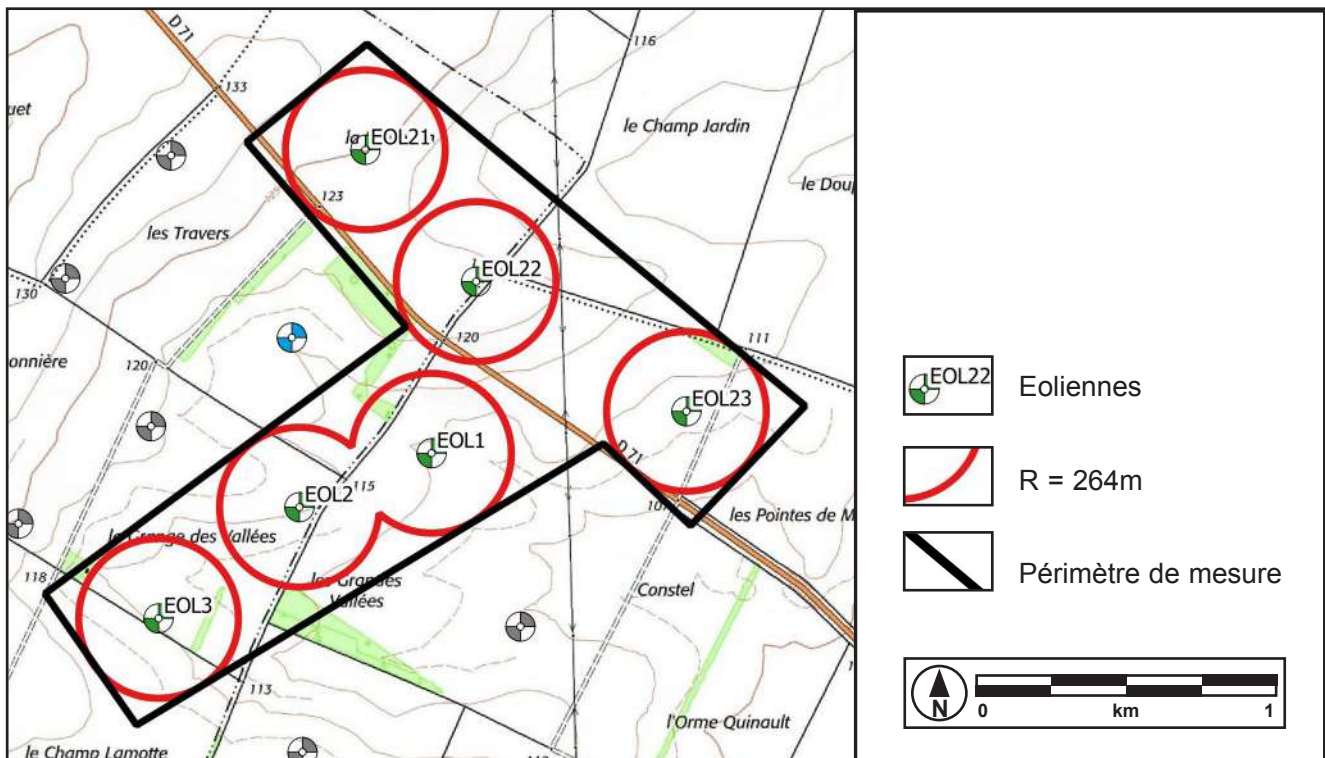
$$R = 1,2 \times (\text{hauteur de moyeu} + \text{longueur d'un demi-rotor})$$

Soit $R = 1,2 \times (120 + 80) = 1,2 \times 200 = 240 \text{ m}$ pour l'éolienne E-160 EP2 E5 120m

$R = 1,2 \times (140 + 80) = 1,2 \times 220 = 264 \text{ m}$ pour l'éolienne E-160 EP2 E5 140m

Le périmètre correspondant au plus petit polygone dans lequel sont inscrits les disques de centre chaque aérogénérateur et de rayon R est reporté sur la carte ci-dessous.

b - Evaluation du niveau de bruit maximal :



La simulation est réalisée dans les conditions de fonctionnement où l'émission sonore des éoliennes est maximale. Pour les éoliennes considérées, cette condition est atteinte lorsque la vitesse de vent à hauteur standardisée atteint 6 m/s pour l'éolienne E-160. Au delà, l'émission acoustique des éoliennes n'augmente plus.

Le périmètre de mesure de bruit de l'installation est reporté dans le logiciel WindPro. Un point de contrôle du bruit des installations est également placé au pied de chaque éolienne.

Le résultat de la simulation réalisée à l'aide du logiciel WindPro est présenté en annexe.

Il permet de conclure que les éoliennes ne seront pas à l'origine, dans les périmètres de mesure de bruit de l'installation, d'un niveau de bruit atteignant 60 dB.

4.4. Tonalité

Problématique :

L'article 26 de l'arrêté précise que : "Dans le cas où le bruit particulier de l'établissement est à tonalité marquée au sens du point 1.9 de l'annexe à l'arrêté du 23 janvier 1997 susvisé, de manière établie ou cyclique, sa durée d'apparition ne peut excéder 30 % de la durée de fonctionnement de l'établissement dans chacune des périodes diurne ou nocturne définies dans le tableau ci-dessus."

Au sens de l'arrêté du 23 janvier 1997,

"La tonalité marquée est détectée dans un spectre non pondéré de tiers d'octave quand la différence de niveau entre la bande de tiers d'octave et les quatre bandes de tiers d'octave les plus proches (les deux bandes immédiatement inférieures et les deux bandes immédiatement supérieures) atteint ou dépasse les niveaux indiqués dans le tableau ci-après pour la bande considérée :

Cette analyse se fera à partir d'une acquisition minimale de 10 s

50 Hz à 315 Hz 400 Hz à 1250 Hz 1600 Hz à 8000 Hz

10 dB 5 dB 5 dB

Les bandes sont définies par fréquence centrale de tiers d'octave."

Niveau de puissance en fréquence des éoliennes E-160 et E-138 :

La société Enercon a effectué une simulation des niveaux de puissance acoustique en fréquence de ses éoliennes. Le rapport complet est présenté en annexe.

Sur toutes les plages de vitesses de vent, le spectre de puissance acoustique non pondéré A par bande de tiers d'octave de la E-160 et la E-138 est calculé sur la base de ce rapport, et présenté dans le tableau ci-après.

Fréquence(Hz)	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	
LwendBA (10m/s)	78,3	82,0	85,1	87,3	88,1	88,6	89,2	90,3	91,2	92,2	93,1	94,0	94,6	95,7	97,1	98,3	98,2	
Fréquence(Hz)	2500	3150	4000	5000	6300	8000	10000											
LwendBA (10m/s)	97,1	95,2	92,1	87,3	80,3	70,0	57,7											

Estimation du spectre de puissance acoustique non pondéré A par bande de 1/3 d'octave pour l'éolienne E-160 EP5 de 120m à 10m/s.

Fréquence(Hz)	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	
LwendBA (10m/s)	78,0	82,2	85,3	87,5	88,4	88,9	89,5	90,5	91,4	92,4	93,3	94,2	94,7	95,8	97,2	98,3	98,2	
Fréquence(Hz)	2500	3150	4000	5000	6300	8000	10000											
LwendBA (10m/s)	97,0	95,0	91,6	86,5	78,8	67,7	54,0											

Estimation du spectre de puissance acoustique non pondéré A par bande de 1/3 d'octave pour l'éolienne E-160 EP5 de 140m à 10m/s.

Fréquence(Hz)	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	
LwendBA (10m/s)	77,9	81,5	84,5	86,7	87,6	88,2	88,9	90,0	90,9	91,8	92,6	93,4	94,2	95,2	96,4	97,4	97,3	
Fréquence(Hz)	2500	3150	4000	5000	6300	8000	10000											
LwendBA (10m/s)	96,1	93,9	90,3	85,3	77,8	67,1	54,2											

Estimation du spectre de puissance acoustique non pondéré A par bande de 1/3 d'octave pour l'éolienne E-138 EP3 de 130m à 10m/s.

Fréquence(Hz)	50	63	80	100	125	160	200	250	315	400	500	630	800	1000	1250	1600	2000	
LwendBA (10m/s)	78,0	81,6	84,6	86,8	87,8	88,4	89,0	90,1	91,0	91,9	92,7	93,5	94,3	95,3	96,5	97,5	97,2	
Fréquence(Hz)	2500	3150	4000	5000	6300	8000	10000											
LwendBA (10m/s)	95,9	93,5	89,8	84,4	76,4	64,8	50,6											

Estimation du spectre de puissance acoustique non pondéré A par bande de 1/3 d'octave pour l'éolienne E-138 EP3 de 149m à 10m/s.

D'après les résultats, les éoliennes E-160 et E-138 ne sont pas à tonalité marquée au sens du point 1.9 de l'annexe à l'arrêté du 23 janvier 1997.

CONCLUSION

La société Intervent envisage l'implantation d'un parc éolien sur le territoire de la commune de Viâpres-le-petit et Allibaudières, dans le département de l'Aube (01). Le projet est composé de 6 éoliennes de marque Enercon de type E-160 ou de type E-138.

Dans ce contexte, une évaluation de l'impact acoustique a été réalisée.

L'évaluation de l'impact acoustique du projet a porté sur la contribution cumulée des 6 éoliennes aux points représentatifs de l'impact. Elle s'appuie sur l'état initial réalisé dans le cadre du projet "Les Renardières", les résultats des calculs effectués à l'aide du logiciel de simulation de parc éolien WindPro et le contexte réglementaire actuellement en vigueur.

La méthodologie utilisée a permis d'évaluer l'impact du projet dans les conditions les plus défavorables : valeurs garanties d'émissions sonores des machines, paramètres de calculs choisis de manière à évaluer l'impact du projet dans un contexte défavorable.

Le rapport présente plusieurs niveaux d'analyse : le premier basé sur les valeurs d'émergences globales dans les zones à émergence réglementée, le second sur les valeurs de bruit maximal des installations dans le périmètre de mesure de bruit, et le troisième sur les tonalités marquées.

Les résultats présentés dans ce rapport permettent de conclure que :

- Zones à émergence réglementées (ZER) :

La contribution sonore des éoliennes à tous les points d'évaluation est dans l'ensemble faible même par vent fort.

- Pour la période diurne, aucune émergence supérieure à la réglementation n'apparaît.
- Pour la période nocturne, de 22h à 7h, 2 émergences sont calculées au point d'évaluation PF1 pour les vitesses de vent de 7 et 8 m/s.

L'application d'un éventuel plan de gestion acoustique associant des combinaisons de mode nominal, bridés et en dernier recours des arrêts permettra de supprimer ces émergences trop élevées et de conclure à la possibilité d'exploiter un parc éolien situé sur la commune de Viâpres-le-petit et Allibaudières en respectant les exigences réglementaires. N'ayant pas les données précises des plans de bridage des parcs en service et des parcs autorisés ou en instruction, il est audacieux de définir aujourd'hui un plan de bridage pour le projet à Viâpres-le-Petit et Allibaudières.

C'est pourquoi, à la mise en service du parc, un contrôle post-construction sera réalisé afin de vérifier la conformité du projet. Si les émergences étaient alors constatées, un bridage des éoliennes serait appliqué pour la(es) vitesse(s) de vent concernée(s).

Le rapport de ces mesures de réception acoustique sera mis à disposition de l'inspecteur des installations classées.

- Périmètre de mesure de bruit de l'installation :

Pour la période diurne, comme pour la période nocturne, le niveau de bruit maximal respectivement de 70 dB (A) et de 60 dB (A) n'est pas atteint.

- Tonalité :

Les éoliennes E-160 et E-138 planifiées ne sont pas à tonalité marquée au sens du point 1.9 de l'annexe à l'arrêté du 23 janvier 1997.

ANNEXES

1- CARACTERISATION DE L'ETAT ACOUSTIQUE INITIAL DU PROJET

2- DONNEES SONORES DE L'EOLIENNE E-160 EP5 E2 et E-138 EP2 FOURNIES PAR LE CONSTRUCTEUR ENERCON

3- RESULTATS DES CALCULS SONORES

-1-

CARACTERISATION DE L'ETAT ACOUSTIQUE INITIAL DU PROJET

DECIBEL - Principaux résultats

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"

Modèle utilisé pour les calculs de bruit:

ISO 9613-2 France 2006

Vit. vent (à 10m de hauteur):

4,0 m/s - 9,0 m/s, par pas de 1,0 m/s

Atténuation du sol:

Générale, dureté uniforme, Dureté sol: 0,7

Coefficient météorologique, CO:

0,0 dB

Type de contrainte utilisée pour le calcul:

2 : L'émergence due aux éol. est comparée à l'émergence réglementaire (FR)

Expression des niveaux de bruit utilisées dans les calculs:

Toutes les valeurs sont des niveaux moy. Lwa (distri. normale)

Prise en compte des tons isolés:

En augmentant la contrainte par la pénalité pour tons isolés

Bibliothèque d'éoliennes

Hauteur en l'absence de valeur dans l'objet

Zone-bruit-réglémenté:

1,5 m; Interdire de substituer la hauteur définie dans le modèle par celle de l'objet

Marge liée à l'incertitude (ajoutée au résultat principal):

0,0 dB; Marge liée à l'incertitude des objets Zone-bruit-réglémentée en priorité

Modification de la contrainte réglementaire : plus restrictive si < 0,

moins restrictive si > 0.:

0,0 dB(A)



Echelle 1:125.000

* Eolienne-existante ■ Zone-bruit-réglémenté

Toutes les coordonnées sont
 French Lambert93-RGF93 (FR)

Eoliennes

X	Y	Z	Description	Type d'éolienne			Puiss. nominale	Diamètre rotor	Hauteur	Données de bruit		1ère vitesse du vent	LwaRef	Dernière vit. de vent	LwaRef	Tons isolés
				Valide	Fabricant	Modèle				Etabli par	Nom					
							[kW]	[m]	[m]			[m/s]	[dB(A)]	[m/s]	[dB(A)]	
1	783.751	6.834.652	139,4 Côte de Notre...	Oui	VESTAS	V100-2.0-2.000	2.000	100,0	95,0	EMD	Level 0 - Mode 0 - - 07-2013	4,0	96,6	9,0	105,0	Non h
2	784.216	6.835.065	139,4 Côte de Notre...	Oui	VESTAS	V100-2.0-2.000	2.000	100,0	95,0	EMD	Level 0 - Mode 0 - - 07-2013	4,0	96,6	9,0	105,0	Non h
3	784.758	6.835.315	143,0 Côte de Notre...	Oui	VESTAS	V100-2.0-2.000	2.000	100,0	95,0	EMD	Level 0 - Mode 0 - - 07-2013	4,0	96,6	9,0	105,0	Non h
4	779.078	6.834.091	119,8 Plan Fleury	Oui	VESTAS	V110-2.0-2.000	2.000	110,0	95,0	EMD	Level 0 - - Mode 0 - - 12-2013	4,0	100,3	9,0	107,5	Non h
5	778.613	6.833.798	120,9 Plan Fleury	Oui	VESTAS	V110-2.0-2.000	2.000	110,0	95,0	EMD	Level 0 - - Mode 0 - - 12-2013	4,0	100,3	9,0	107,5	Non h
6	776.211	6.833.668	110,0 Plan Fleury	Oui	VESTAS	V110-2.0-2.000	2.000	110,0	95,0	EMD	Level 0 - - Mode 0 - - 12-2013	4,0	100,3	9,0	107,5	Non h
7	777.879	6.834.601	120,0 Plan Fleury	Oui	VESTAS	V110-2.0-2.000	2.000	110,0	95,0	EMD	Level 0 - - Mode 0 - - 12-2013	4,0	100,3	9,0	107,5	Non h
8	777.410	6.834.789	119,7 Plan Fleury	Oui	VESTAS	V110-2.0-2.000	2.000	110,0	95,0	EMD	Level 0 - - Mode 0 - - 12-2013	4,0	100,3	9,0	107,5	Non h
9	778.174	6.833.476	122,5 Plan Fleury	Oui	VESTAS	V110-2.0-2.000	2.000	110,0	95,0	EMD	Level 0 - - Mode 0 - - 12-2013	4,0	100,3	9,0	107,5	Non h
10	777.383	6.833.515	120,0 Plan Fleury	Oui	VESTAS	V110-2.0-2.000	2.000	110,0	95,0	EMD	Level 0 - - Mode 0 - - 12-2013	4,0	100,3	9,0	107,5	Non h
11	775.779	6.833.832	106,1 Plan Fleury	Oui	VESTAS	V110-2.0-2.000	2.000	110,0	95,0	EMD	Level 0 - - Mode 0 - - 12-2013	4,0	100,3	9,0	107,5	Non h
12	775.341	6.833.996	100,0 Plan Fleury	Oui	VESTAS	V110-2.0-2.000	2.000	110,0	95,0	EMD	Level 0 - - Mode 0 - - 12-2013	4,0	100,3	9,0	107,5	Non h
13	777.022	6.834.946	120,0 Plan Fleury	Oui	VESTAS	V110-2.0-2.000	2.000	110,0	95,0	EMD	Level 0 - - Mode 0 - - 12-2013	4,0	100,3	9,0	107,5	Non h
14	776.570	6.833.534	113,0 Plan Fleury	Oui	VESTAS	V110-2.0-2.000	2.000	110,0	95,0	EMD	Level 0 - - Mode 0 - - 12-2013	4,0	100,3	9,0	107,5	Non h

h) Bandes d'octave génériques utilisées

Résultats des calculs

Niveau sonore

N°	Nom	X	Y	Z	Haut. point étudié	Contraintes			Niveau sonore			Contrainte respectée ?
						Max Emergence	Max sans contrainte	Max des éol.	Max Bruit éol+résiduel	Max Emergence	Max Bruit	
A	PF1 diurne SO	777.490	6.836.204	120,0	1,5	5,0	35,0	34,1	41,4	1,6	Oui	
B	PF1 diurne NE	777.490	6.836.204	120,0	1,5	5,0	35,0	34,1	41,9	1,4	Oui	
C	PF1 nocturne SO	777.490	6.836.204	120,0	1,5	3,0	35,0	34,1	39,1	2,5	Oui	
D	PF1 nocturne NE	777.490	6.836.204	120,0	1,5	3,0	35,0	34,1	39,1	2,5	Oui	
E	PF2 diurne SO	781.719	6.835.428	110,0	1,5	5,0	35,0	27,3	41,2	0,4	Oui	
F	PF2 diurne NE	781.719	6.835.428	110,0	1,5	5,0	35,0	27,3	41,1	0,4	Oui	
G	PF2 nocturne SO	781.719	6.835.428	110,0	1,5	3,0	35,0	27,3	37,4	0,9	Oui	
H	PF2 nocturne NE	781.719	6.835.428	110,0	1,5	3,0	35,0	27,3	37,4	0,9	Oui	
I	PF3 diurne SO	780.885	6.832.019	100,0	1,5	5,0	35,0	26,9	40,5	0,4	Oui	
J	PF3 diurne NE	780.885	6.832.019	100,0	1,5	5,0	35,0	26,9	40,0	0,4	Oui	
K	PF3 nocturne SO	780.885	6.832.019	100,0	1,5	3,0	35,0	26,9	37,4	0,6	Oui	
L	PF3 nocturne NE	780.885	6.832.019	100,0	1,5	3,0	35,0	26,9	37,4	0,6	Oui	
M	PF4 diurne SO	778.245	6.830.316	99,2	1,5	5,0	350,0	26,4	39,4	0,4	Oui	
N	PF4 diurne NE	778.245	6.830.316	99,2	1,5	5,0	35,0	26,4	39,4	0,4	Oui	

Suite à la page suivante...

DECIBEL - Principaux résultats

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"

...suite de la page précédente

N°	Nom	X	Y	Z	Haut. point étudié [m]	Contraintes		Niveau sonore			Contrainte respectée ? Bruit
						Max Emergence [dB(A)]	Max sans contrainte [dB(A)]	Max Bruit des éol. [dB(A)]	Max Bruit ambient éol+résiduel [dB(A)]	Max Emergence [dB(A)]	
O	PF4 nocturne SO	778.245	6.830.316	99,2	1,5	3,0	35,0	26,4	36,9	0,6	Oui
P	PF4 nocturne NE	778.245	6.830.316	99,2	1,5	3,0	35,0	26,4	37,4	0,6	Oui
Q	PF5 diurne SO	779.114	6.829.710	90,0	1,5	5,0	35,0	24,2	39,3	0,3	Oui
R	PF5 diurne NE	779.114	6.829.710	90,0	1,5	5,0	35,0	24,2	40,0	0,2	Oui
S	PF5 nocturne SO	779.114	6.829.710	90,0	1,5	3,0	35,0	24,2	34,8	0,4	Oui
T	PF5 nocturne NE	779.114	6.829.710	90,0	1,5	3,0	35,0	24,2	36,4	0,3	Oui
U	PF6 diurne SO	776.835	6.829.926	90,0	1,5	5,0	35,0	25,5	40,6	0,4	Oui
V	PF6 diurne NE	776.835	6.829.926	90,0	1,5	5,0	35,0	25,5	41,4	0,3	Oui
W	PF6 nocturne SO	776.835	6.829.926	90,0	1,5	3,0	35,0	25,5	37,3	0,8	Oui
X	PF6 nocturne NE	776.835	6.829.926	90,0	1,5	3,0	35,0	25,5	38,4	0,5	Oui
Y	PF7 diurne SO	781.379	6.832.705	100,0	1,5	5,0	35,0	27,0	40,5	0,4	Oui
Z	PF7 diurne NE	781.379	6.832.705	100,0	1,5	5,0	35,0	27,0	40,0	0,4	Oui
AA	PF7 nocturne SO	781.379	6.832.705	100,0	1,5	3,0	35,0	27,0	37,4	0,6	Oui
AB	PF7 nocturne NE	781.379	6.832.705	100,0	1,5	3,0	35,0	27,0	37,4	0,6	Oui

Distances (m)

Zone-bruit-réglementé	Eoliennes													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
A	6450	6821	7322	2643	2655	2840	1650	1418	2813	2691	2924	3081	1342	2824
B	6450	6821	7322	2643	2655	2840	1650	1418	2813	2691	2924	3081	1342	2824
C	6450	6821	7322	2643	2655	2840	1650	1418	2813	2691	2924	3081	1342	2824
D	6450	6821	7322	2643	2655	2840	1650	1418	2813	2691	2924	3081	1342	2824
E	2175	2523	3041	2960	3507	5782	3927	4356	4046	4739	6150	6537	4722	5486
F	2175	2523	3041	2960	3507	5782	3927	4356	4046	4739	6150	6537	4722	5486
G	2175	2523	3041	2960	3507	5782	3927	4356	4046	4739	6150	6537	4722	5486
H	2175	2523	3041	2960	3507	5782	3927	4356	4046	4739	6150	6537	4722	5486
I	3891	4512	5084	2749	2886	4956	3962	4444	3078	3808	5419	5886	4847	4573
J	3891	4512	5084	2749	2886	4956	3962	4444	3078	3808	5419	5886	4847	4573
K	3891	4512	5084	2749	2886	4956	3962	4444	3078	3808	5419	5886	4847	4573
L	3891	4512	5084	2749	2886	4956	3962	4444	3078	3808	5419	5886	4847	4573
M	7008	7629	8210	3866	3502	3920	4301	4550	3161	3313	4295	4688	4789	3628
N	7008	7629	8210	3866	3502	3920	4301	4550	3161	3313	4295	4688	4789	3628
O	7008	7629	8210	3866	3502	3920	4301	4550	3161	3313	4295	4688	4789	3628
P	7008	7629	8210	3866	3502	3920	4301	4550	3161	3313	4295	4688	4789	3628
Q	6777	7396	7954	4381	4119	4908	5045	5357	3882	4180	5302	5710	5639	4593
R	6777	7396	7954	4381	4119	4908	5045	5357	3882	4180	5302	5710	5639	4593
S	6777	7396	7954	4381	4119	4908	5045	5357	3882	4180	5302	5710	5639	4593
T	6777	7396	7954	4381	4119	4908	5045	5357	3882	4180	5302	5710	5639	4593
U	8375	8992	9581	4730	4260	3793	4790	4896	3794	3630	4046	4335	5023	3617
V	8375	8992	9581	4730	4260	3793	4790	4896	3794	3630	4046	4335	5023	3617
W	8375	8992	9581	4730	4260	3793	4790	4896	3794	3630	4046	4335	5023	3617
X	8375	8992	9581	4730	4260	3793	4790	4896	3794	3630	4046	4335	5023	3617
Y	3068	3690	4269	2686	2974	5256	3980	4483	3296	4077	5712	6175	4900	4880
Z	3068	3690	4269	2686	2974	5256	3980	4483	3296	4077	5712	6175	4900	4880
AA	3068	3690	4269	2686	2974	5256	3980	4483	3296	4077	5712	6175	4900	4880
AB	3068	3690	4269	2686	2974	5256	3980	4483	3296	4077	5712	6175	4900	4880

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Données du calcul

Calcul de L(DW) = LWA,ref + K + Dc - (Adiv + Aatm + Agr + Abar + Amisc) - Cmet
(calcul avec atténuation du sol => Dc = Domega)

LWA,ref:	Niveau source de bruit de l'éolienne
K:	Tons isolés
Dc:	Correction de directivité
Adiv:	Atténuation due à la divergence géométrique
Aatm:	Atténuation due à l'absorption atmosphérique
Agr:	Atténuation du sol
Abar:	Atténuation due à une barrière anti-bruit
Amisc:	Atténuation due à d'autres effets
Cmet:	Correction météorologique

Résultats des calculs

Zone-bruit-réglementé: A PF1 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	-1,17	96,6	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	-1,83	96,6	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	-2,67	96,6	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	13,24	100,3	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	13,18	100,3	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	12,32	100,3	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	19,07	100,3	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	20,87	100,3	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	12,44	100,3	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	13,01	100,3	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	11,96	100,3	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	11,35	100,3	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	21,51	100,3	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	12,39	100,3	0,00	80,02	-	-	0,00	0,00	-
Somme			26,90								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	3,03	100,8	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	2,37	100,8	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	1,53	100,8	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	17,32	104,4	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	17,27	104,4	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	16,41	104,4	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	23,16	104,4	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	24,96	104,4	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	16,53	104,4	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	17,09	104,4	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	16,04	104,4	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	15,43	104,4	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	25,59	104,4	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	16,48	104,4	0,00	80,02	-	-	0,00	0,00	-
Somme			30,98								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	6,22	104,0	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	5,55	104,0	0,00	87,68	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
3	7.322	7.323	4,72	104,0	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	20,02	107,1	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	19,97	107,1	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	19,11	107,1	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	25,86	107,1	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	27,66	107,1	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	19,23	107,1	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	19,79	107,1	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	18,74	107,1	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	18,14	107,1	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	28,29	107,1	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	19,18	107,1	0,00	80,02	-	-	0,00	0,00	-
Somme			33,69								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	7,22	105,0	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	6,55	105,0	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	5,72	105,0	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	20,22	107,3	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	20,17	107,3	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	19,31	107,3	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	26,06	107,3	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	27,86	107,3	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	19,43	107,3	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	19,99	107,3	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	18,94	107,3	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	18,33	107,3	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	28,49	107,3	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	19,38	107,3	0,00	80,02	-	-	0,00	0,00	-
Somme			33,89								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	7,22	105,0	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	6,55	105,0	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	5,72	105,0	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	20,42	107,5	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	20,37	107,5	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	19,51	107,5	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	26,26	107,5	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	28,06	107,5	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	19,63	107,5	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	20,19	107,5	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	19,14	107,5	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	18,53	107,5	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	28,69	107,5	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	19,58	107,5	0,00	80,02	-	-	0,00	0,00	-
Somme			34,09								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	7,22	105,0	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	6,55	105,0	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	5,72	105,0	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	20,42	107,5	0,00	79,45	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
5	2.655	2.657	20,37	107,5	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	19,51	107,5	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	26,26	107,5	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	28,06	107,5	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	19,63	107,5	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	20,19	107,5	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	19,14	107,5	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	18,53	107,5	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	28,69	107,5	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	19,58	107,5	0,00	80,02	-	-	0,00	0,00	-
Somme			34,09								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglementé: B PF1 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	-1,17	96,6	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	-1,83	96,6	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	-2,67	96,6	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	13,24	100,3	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	13,18	100,3	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	12,32	100,3	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	19,07	100,3	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	20,87	100,3	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	12,44	100,3	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	13,01	100,3	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	11,96	100,3	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	11,35	100,3	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	21,51	100,3	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	12,39	100,3	0,00	80,02	-	-	0,00	0,00	-
Somme			26,90								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	3,03	100,8	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	2,37	100,8	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	1,53	100,8	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	17,32	104,4	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	17,27	104,4	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	16,41	104,4	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	23,16	104,4	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	24,96	104,4	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	16,53	104,4	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	17,09	104,4	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	16,04	104,4	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	15,43	104,4	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	25,59	104,4	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	16,48	104,4	0,00	80,02	-	-	0,00	0,00	-
Somme			30,98								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	6,22	104,0	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	5,55	104,0	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	4,72	104,0	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	20,02	107,1	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	19,97	107,1	0,00	79,49	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
6	2.840	2.842	19,11	107,1	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	25,86	107,1	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	27,66	107,1	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	19,23	107,1	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	19,79	107,1	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	18,74	107,1	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	18,14	107,1	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	28,29	107,1	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	19,18	107,1	0,00	80,02	-	-	0,00	0,00	-
Somme			33,69								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	7,22	105,0	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	6,55	105,0	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	5,72	105,0	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	20,22	107,3	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	20,17	107,3	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	19,31	107,3	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	26,06	107,3	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	27,86	107,3	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	19,43	107,3	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	19,99	107,3	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	18,94	107,3	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	18,33	107,3	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	28,49	107,3	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	19,38	107,3	0,00	80,02	-	-	0,00	0,00	-
Somme			33,89								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	7,22	105,0	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	6,55	105,0	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	5,72	105,0	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	20,42	107,5	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	20,37	107,5	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	19,51	107,5	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	26,26	107,5	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	28,06	107,5	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	19,63	107,5	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	20,19	107,5	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	19,14	107,5	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	18,53	107,5	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	28,69	107,5	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	19,58	107,5	0,00	80,02	-	-	0,00	0,00	-
Somme			34,09								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	7,22	105,0	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	6,55	105,0	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	5,72	105,0	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	20,42	107,5	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	20,37	107,5	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	19,51	107,5	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	26,26	107,5	0,00	75,36	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
8	1.418	1.421	28,06	107,5	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	19,63	107,5	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	20,19	107,5	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	19,14	107,5	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	18,53	107,5	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	28,69	107,5	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	19,58	107,5	0,00	80,02	-	-	0,00	0,00	-
Somme			34,09								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglementé: C PF1 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	-1,17	96,6	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	-1,83	96,6	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	-2,67	96,6	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	13,24	100,3	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	13,18	100,3	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	12,32	100,3	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	19,07	100,3	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	20,87	100,3	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	12,44	100,3	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	13,01	100,3	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	11,96	100,3	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	11,35	100,3	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	21,51	100,3	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	12,39	100,3	0,00	80,02	-	-	0,00	0,00	-
Somme			26,90								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	3,03	100,8	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	2,37	100,8	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	1,53	100,8	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	17,32	104,4	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	17,27	104,4	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	16,41	104,4	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	23,16	104,4	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	24,96	104,4	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	16,53	104,4	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	17,09	104,4	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	16,04	104,4	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	15,43	104,4	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	25,59	104,4	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	16,48	104,4	0,00	80,02	-	-	0,00	0,00	-
Somme			30,98								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	6,22	104,0	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	5,55	104,0	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	4,72	104,0	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	20,02	107,1	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	19,97	107,1	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	19,11	107,1	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	25,86	107,1	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	27,66	107,1	0,00	74,05	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
9	2.813	2.814	19,23	107,1	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	19,79	107,1	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	18,74	107,1	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	18,14	107,1	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	28,29	107,1	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	19,18	107,1	0,00	80,02	-	-	0,00	0,00	-
Somme			33,69								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	7,22	105,0	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	6,55	105,0	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	5,72	105,0	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	20,22	107,3	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	20,17	107,3	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	19,31	107,3	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	26,06	107,3	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	27,86	107,3	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	19,43	107,3	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	19,99	107,3	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	18,94	107,3	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	18,33	107,3	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	28,49	107,3	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	19,38	107,3	0,00	80,02	-	-	0,00	0,00	-
Somme			33,89								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	7,22	105,0	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	6,55	105,0	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	5,72	105,0	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	20,42	107,5	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	20,37	107,5	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	19,51	107,5	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	26,26	107,5	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	28,06	107,5	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	19,63	107,5	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	20,19	107,5	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	19,14	107,5	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	18,53	107,5	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	28,69	107,5	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	19,58	107,5	0,00	80,02	-	-	0,00	0,00	-
Somme			34,09								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	7,22	105,0	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	6,55	105,0	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	5,72	105,0	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	20,42	107,5	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	20,37	107,5	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	19,51	107,5	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	26,26	107,5	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	28,06	107,5	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	19,63	107,5	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	20,19	107,5	0,00	79,60	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
11	2.924	2.925	19,14	107,5	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	18,53	107,5	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	28,69	107,5	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	19,58	107,5	0,00	80,02	-	-	0,00	0,00	-
Somme			34,09								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglementé: D PF1 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	-1,17	96,6	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	-1,83	96,6	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	-2,67	96,6	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	13,24	100,3	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	13,18	100,3	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	12,32	100,3	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	19,07	100,3	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	20,87	100,3	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	12,44	100,3	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	13,01	100,3	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	11,96	100,3	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	11,35	100,3	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	21,51	100,3	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	12,39	100,3	0,00	80,02	-	-	0,00	0,00	-
Somme			26,90								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	3,03	100,8	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	2,37	100,8	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	1,53	100,8	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	17,32	104,4	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	17,27	104,4	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	16,41	104,4	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	23,16	104,4	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	24,96	104,4	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	16,53	104,4	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	17,09	104,4	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	16,04	104,4	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	15,43	104,4	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	25,59	104,4	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	16,48	104,4	0,00	80,02	-	-	0,00	0,00	-
Somme			30,98								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	6,22	104,0	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	5,55	104,0	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	4,72	104,0	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	20,02	107,1	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	19,97	107,1	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	19,11	107,1	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	25,86	107,1	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	27,66	107,1	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	19,23	107,1	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	19,79	107,1	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	18,74	107,1	0,00	80,32	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
12	3.081	3.082	18,14	107,1	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	28,29	107,1	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	19,18	107,1	0,00	80,02	-	-	0,00	0,00	-
Somme			33,69								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	7,22	105,0	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	6,55	105,0	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	5,72	105,0	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	20,22	107,3	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	20,17	107,3	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	19,31	107,3	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	26,06	107,3	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	27,86	107,3	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	19,43	107,3	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	19,99	107,3	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	18,94	107,3	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	18,33	107,3	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	28,49	107,3	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	19,38	107,3	0,00	80,02	-	-	0,00	0,00	-
Somme			33,89								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	7,22	105,0	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	6,55	105,0	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	5,72	105,0	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	20,42	107,5	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	20,37	107,5	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	19,51	107,5	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	26,26	107,5	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	28,06	107,5	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	19,63	107,5	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	20,19	107,5	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	19,14	107,5	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	18,53	107,5	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	28,69	107,5	0,00	73,58	-	-	0,00	0,00	-
14	2.824	2.826	19,58	107,5	0,00	80,02	-	-	0,00	0,00	-
Somme			34,09								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.450	6.451	7,22	105,0	0,00	87,19	-	-	0,00	0,00	-
2	6.821	6.822	6,55	105,0	0,00	87,68	-	-	0,00	0,00	-
3	7.322	7.323	5,72	105,0	0,00	88,29	-	-	0,00	0,00	-
4	2.643	2.645	20,42	107,5	0,00	79,45	-	-	0,00	0,00	-
5	2.655	2.657	20,37	107,5	0,00	79,49	-	-	0,00	0,00	-
6	2.840	2.842	19,51	107,5	0,00	80,07	-	-	0,00	0,00	-
7	1.650	1.652	26,26	107,5	0,00	75,36	-	-	0,00	0,00	-
8	1.418	1.421	28,06	107,5	0,00	74,05	-	-	0,00	0,00	-
9	2.813	2.814	19,63	107,5	0,00	79,99	-	-	0,00	0,00	-
10	2.691	2.693	20,19	107,5	0,00	79,60	-	-	0,00	0,00	-
11	2.924	2.925	19,14	107,5	0,00	80,32	-	-	0,00	0,00	-
12	3.081	3.082	18,53	107,5	0,00	80,78	-	-	0,00	0,00	-
13	1.342	1.346	28,69	107,5	0,00	73,58	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
14	2.824	2.826	19,58	107,5	0,00	80,02	-	-	0,00	0,00	-
Somme			34,09								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: E PF2 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	11,99	96,6	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	10,12	96,6	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	7,80	96,6	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	11,82	100,3	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	9,82	100,3	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	3,84	100,3	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	8,47	100,3	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	7,23	100,3	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	8,12	100,3	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	6,22	100,3	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	3,10	100,3	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	2,37	100,3	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	6,26	100,3	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	4,46	100,3	0,00	85,79	-	-	0,00	0,00	-
Somme			19,69								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	16,18	100,8	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	14,32	100,8	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	11,99	100,8	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	15,90	104,4	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	13,90	104,4	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	7,92	104,4	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	12,56	104,4	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	11,32	104,4	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	12,20	104,4	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	10,30	104,4	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	7,18	104,4	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	6,46	104,4	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	10,35	104,4	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	8,55	104,4	0,00	85,79	-	-	0,00	0,00	-
Somme			23,81								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	19,37	104,0	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	17,51	104,0	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	15,18	104,0	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	18,60	107,1	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	16,60	107,1	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	10,62	107,1	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	15,26	107,1	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	14,02	107,1	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	14,90	107,1	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	13,01	107,1	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	9,89	107,1	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	9,16	107,1	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	13,05	107,1	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	11,25	107,1	0,00	85,79	-	-	0,00	0,00	-
Somme			26,69								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	20,37	105,0	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	18,51	105,0	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	16,18	105,0	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	18,80	107,3	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	16,80	107,3	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	10,82	107,3	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	15,46	107,3	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	14,22	107,3	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	15,10	107,3	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	13,21	107,3	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	10,08	107,3	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	9,36	107,3	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	13,25	107,3	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	11,45	107,3	0,00	85,79	-	-	0,00	0,00	-
Somme			27,21								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	20,37	105,0	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	18,51	105,0	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	16,18	105,0	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	19,00	107,5	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	17,00	107,5	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	11,02	107,5	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	15,66	107,5	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	14,42	107,5	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	15,30	107,5	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	13,41	107,5	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	10,28	107,5	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	9,56	107,5	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	13,45	107,5	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	11,65	107,5	0,00	85,79	-	-	0,00	0,00	-
Somme			27,33								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	20,37	105,0	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	18,51	105,0	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	16,18	105,0	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	19,00	107,5	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	17,00	107,5	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	11,02	107,5	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	15,66	107,5	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	14,42	107,5	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	15,30	107,5	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	13,41	107,5	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	10,28	107,5	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	9,56	107,5	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	13,45	107,5	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	11,65	107,5	0,00	85,79	-	-	0,00	0,00	-
Somme			27,33								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: F PF2 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	11,99	96,6	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	10,12	96,6	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	7,80	96,6	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	11,82	100,3	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	9,82	100,3	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	3,84	100,3	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	8,47	100,3	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	7,23	100,3	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	8,12	100,3	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	6,22	100,3	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	3,10	100,3	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	2,37	100,3	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	6,26	100,3	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	4,46	100,3	0,00	85,79	-	-	0,00	0,00	-
Somme			19,69								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	16,18	100,8	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	14,32	100,8	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	11,99	100,8	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	15,90	104,4	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	13,90	104,4	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	7,92	104,4	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	12,56	104,4	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	11,32	104,4	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	12,20	104,4	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	10,30	104,4	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	7,18	104,4	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	6,46	104,4	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	10,35	104,4	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	8,55	104,4	0,00	85,79	-	-	0,00	0,00	-
Somme			23,81								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	19,37	104,0	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	17,51	104,0	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	15,18	104,0	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	18,60	107,1	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	16,60	107,1	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	10,62	107,1	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	15,26	107,1	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	14,02	107,1	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	14,90	107,1	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	13,01	107,1	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	9,89	107,1	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	9,16	107,1	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	13,05	107,1	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	11,25	107,1	0,00	85,79	-	-	0,00	0,00	-
Somme			26,69								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	20,37	105,0	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	18,51	105,0	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	16,18	105,0	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	18,80	107,3	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	16,80	107,3	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	10,82	107,3	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	15,46	107,3	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	14,22	107,3	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	15,10	107,3	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	13,21	107,3	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	10,08	107,3	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	9,36	107,3	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	13,25	107,3	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	11,45	107,3	0,00	85,79	-	-	0,00	0,00	-
Somme			27,21								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	20,37	105,0	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	18,51	105,0	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	16,18	105,0	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	19,00	107,5	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	17,00	107,5	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	11,02	107,5	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	15,66	107,5	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	14,42	107,5	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	15,30	107,5	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	13,41	107,5	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	10,28	107,5	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	9,56	107,5	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	13,45	107,5	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	11,65	107,5	0,00	85,79	-	-	0,00	0,00	-
Somme			27,33								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	20,37	105,0	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	18,51	105,0	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	16,18	105,0	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	19,00	107,5	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	17,00	107,5	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	11,02	107,5	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	15,66	107,5	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	14,42	107,5	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	15,30	107,5	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	13,41	107,5	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	10,28	107,5	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	9,56	107,5	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	13,45	107,5	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	11,65	107,5	0,00	85,79	-	-	0,00	0,00	-
Somme			27,33								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: G PF2 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	11,99	96,6	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	10,12	96,6	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	7,80	96,6	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	11,82	100,3	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	9,82	100,3	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	3,84	100,3	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	8,47	100,3	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	7,23	100,3	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	8,12	100,3	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	6,22	100,3	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	3,10	100,3	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	2,37	100,3	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	6,26	100,3	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	4,46	100,3	0,00	85,79	-	-	0,00	0,00	-
Somme			19,69								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	16,18	100,8	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	14,32	100,8	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	11,99	100,8	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	15,90	104,4	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	13,90	104,4	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	7,92	104,4	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	12,56	104,4	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	11,32	104,4	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	12,20	104,4	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	10,30	104,4	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	7,18	104,4	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	6,46	104,4	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	10,35	104,4	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	8,55	104,4	0,00	85,79	-	-	0,00	0,00	-
Somme			23,81								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	19,37	104,0	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	17,51	104,0	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	15,18	104,0	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	18,60	107,1	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	16,60	107,1	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	10,62	107,1	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	15,26	107,1	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	14,02	107,1	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	14,90	107,1	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	13,01	107,1	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	9,89	107,1	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	9,16	107,1	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	13,05	107,1	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	11,25	107,1	0,00	85,79	-	-	0,00	0,00	-
Somme			26,69								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	20,37	105,0	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	18,51	105,0	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	16,18	105,0	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	18,80	107,3	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	16,80	107,3	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	10,82	107,3	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	15,46	107,3	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	14,22	107,3	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	15,10	107,3	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	13,21	107,3	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	10,08	107,3	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	9,36	107,3	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	13,25	107,3	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	11,45	107,3	0,00	85,79	-	-	0,00	0,00	-
Somme			27,21								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	20,37	105,0	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	18,51	105,0	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	16,18	105,0	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	19,00	107,5	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	17,00	107,5	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	11,02	107,5	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	15,66	107,5	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	14,42	107,5	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	15,30	107,5	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	13,41	107,5	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	10,28	107,5	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	9,56	107,5	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	13,45	107,5	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	11,65	107,5	0,00	85,79	-	-	0,00	0,00	-
Somme			27,33								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	20,37	105,0	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	18,51	105,0	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	16,18	105,0	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	19,00	107,5	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	17,00	107,5	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	11,02	107,5	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	15,66	107,5	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	14,42	107,5	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	15,30	107,5	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	13,41	107,5	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	10,28	107,5	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	9,56	107,5	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	13,45	107,5	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	11,65	107,5	0,00	85,79	-	-	0,00	0,00	-
Somme			27,33								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: H PF2 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	11,99	96,6	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	10,12	96,6	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	7,80	96,6	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	11,82	100,3	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	9,82	100,3	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	3,84	100,3	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	8,47	100,3	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	7,23	100,3	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	8,12	100,3	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	6,22	100,3	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	3,10	100,3	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	2,37	100,3	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	6,26	100,3	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	4,46	100,3	0,00	85,79	-	-	0,00	0,00	-
Somme			19,69								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	16,18	100,8	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	14,32	100,8	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	11,99	100,8	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	15,90	104,4	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	13,90	104,4	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	7,92	104,4	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	12,56	104,4	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	11,32	104,4	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	12,20	104,4	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	10,30	104,4	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	7,18	104,4	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	6,46	104,4	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	10,35	104,4	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	8,55	104,4	0,00	85,79	-	-	0,00	0,00	-
Somme			23,81								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	19,37	104,0	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	17,51	104,0	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	15,18	104,0	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	18,60	107,1	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	16,60	107,1	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	10,62	107,1	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	15,26	107,1	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	14,02	107,1	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	14,90	107,1	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	13,01	107,1	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	9,89	107,1	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	9,16	107,1	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	13,05	107,1	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	11,25	107,1	0,00	85,79	-	-	0,00	0,00	-
Somme			26,69								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	20,37	105,0	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	18,51	105,0	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	16,18	105,0	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	18,80	107,3	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	16,80	107,3	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	10,82	107,3	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	15,46	107,3	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	14,22	107,3	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	15,10	107,3	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	13,21	107,3	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	10,08	107,3	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	9,36	107,3	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	13,25	107,3	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	11,45	107,3	0,00	85,79	-	-	0,00	0,00	-
Somme			27,21								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	20,37	105,0	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	18,51	105,0	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	16,18	105,0	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	19,00	107,5	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	17,00	107,5	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	11,02	107,5	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	15,66	107,5	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	14,42	107,5	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	15,30	107,5	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	13,41	107,5	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	10,28	107,5	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	9,56	107,5	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	13,45	107,5	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	11,65	107,5	0,00	85,79	-	-	0,00	0,00	-
Somme			27,33								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.175	2.179	20,37	105,0	0,00	77,76	-	-	0,00	0,00	-
2	2.523	2.526	18,51	105,0	0,00	79,05	-	-	0,00	0,00	-
3	3.041	3.043	16,18	105,0	0,00	80,67	-	-	0,00	0,00	-
4	2.960	2.962	19,00	107,5	0,00	80,43	-	-	0,00	0,00	-
5	3.507	3.509	17,00	107,5	0,00	81,90	-	-	0,00	0,00	-
6	5.782	5.782	11,02	107,5	0,00	86,24	-	-	0,00	0,00	-
7	3.927	3.929	15,66	107,5	0,00	82,89	-	-	0,00	0,00	-
8	4.356	4.357	14,42	107,5	0,00	83,78	-	-	0,00	0,00	-
9	4.046	4.047	15,30	107,5	0,00	83,14	-	-	0,00	0,00	-
10	4.739	4.740	13,41	107,5	0,00	84,52	-	-	0,00	0,00	-
11	6.150	6.151	10,28	107,5	0,00	86,78	-	-	0,00	0,00	-
12	6.537	6.537	9,56	107,5	0,00	87,31	-	-	0,00	0,00	-
13	4.722	4.723	13,45	107,5	0,00	84,48	-	-	0,00	0,00	-
14	5.486	5.487	11,65	107,5	0,00	85,79	-	-	0,00	0,00	-
Somme			27,33								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: I PF3 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	4,88	96,6	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	3,11	96,6	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	1,67	96,6	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	12,73	100,3	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	12,11	100,3	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	5,68	100,3	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	8,36	100,3	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	6,99	100,3	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	11,36	100,3	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	8,84	100,3	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	4,61	100,3	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	3,62	100,3	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	5,95	100,3	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	6,65	100,3	0,00	84,21	-	-	0,00	0,00	-
Somme			19,65								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	9,08	100,8	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	7,30	100,8	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	5,87	100,8	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	16,82	104,4	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	16,20	104,4	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	9,77	104,4	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	12,45	104,4	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	11,08	104,4	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	15,44	104,4	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	12,92	104,4	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	8,70	104,4	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	7,71	104,4	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	10,03	104,4	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	10,73	104,4	0,00	84,21	-	-	0,00	0,00	-
Somme			23,74								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	12,27	104,0	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	10,49	104,0	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	9,06	104,0	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	19,52	107,1	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	18,90	107,1	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	12,47	107,1	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	15,15	107,1	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	13,78	107,1	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	18,14	107,1	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	15,63	107,1	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	11,40	107,1	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	10,41	107,1	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	12,73	107,1	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	13,43	107,1	0,00	84,21	-	-	0,00	0,00	-
Somme			26,48								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	13,26	105,0	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	11,49	105,0	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	10,06	105,0	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	19,72	107,3	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	19,10	107,3	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	12,67	107,3	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	15,35	107,3	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	13,98	107,3	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	18,34	107,3	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	15,82	107,3	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	11,60	107,3	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	10,61	107,3	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	12,93	107,3	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	13,63	107,3	0,00	84,21	-	-	0,00	0,00	-
Somme			26,75								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	13,26	105,0	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	11,49	105,0	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	10,06	105,0	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	19,92	107,5	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	19,30	107,5	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	12,87	107,5	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	15,55	107,5	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	14,18	107,5	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	18,54	107,5	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	16,02	107,5	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	11,80	107,5	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	10,81	107,5	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	13,13	107,5	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	13,83	107,5	0,00	84,21	-	-	0,00	0,00	-
Somme			26,93								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	13,26	105,0	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	11,49	105,0	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	10,06	105,0	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	19,92	107,5	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	19,30	107,5	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	12,87	107,5	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	15,55	107,5	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	14,18	107,5	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	18,54	107,5	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	16,02	107,5	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	11,80	107,5	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	10,81	107,5	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	13,13	107,5	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	13,83	107,5	0,00	84,21	-	-	0,00	0,00	-
Somme			26,93								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: J PF3 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	4,88	96,6	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	3,11	96,6	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	1,67	96,6	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	12,73	100,3	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	12,11	100,3	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	5,68	100,3	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	8,36	100,3	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	6,99	100,3	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	11,36	100,3	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	8,84	100,3	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	4,61	100,3	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	3,62	100,3	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	5,95	100,3	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	6,65	100,3	0,00	84,21	-	-	0,00	0,00	-
Somme			19,65								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	9,08	100,8	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	7,30	100,8	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	5,87	100,8	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	16,82	104,4	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	16,20	104,4	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	9,77	104,4	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	12,45	104,4	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	11,08	104,4	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	15,44	104,4	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	12,92	104,4	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	8,70	104,4	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	7,71	104,4	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	10,03	104,4	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	10,73	104,4	0,00	84,21	-	-	0,00	0,00	-
Somme			23,74								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	12,27	104,0	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	10,49	104,0	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	9,06	104,0	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	19,52	107,1	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	18,90	107,1	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	12,47	107,1	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	15,15	107,1	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	13,78	107,1	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	18,14	107,1	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	15,63	107,1	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	11,40	107,1	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	10,41	107,1	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	12,73	107,1	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	13,43	107,1	0,00	84,21	-	-	0,00	0,00	-
Somme			26,48								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	13,26	105,0	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	11,49	105,0	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	10,06	105,0	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	19,72	107,3	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	19,10	107,3	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	12,67	107,3	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	15,35	107,3	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	13,98	107,3	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	18,34	107,3	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	15,82	107,3	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	11,60	107,3	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	10,61	107,3	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	12,93	107,3	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	13,63	107,3	0,00	84,21	-	-	0,00	0,00	-
Somme			26,75								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	13,26	105,0	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	11,49	105,0	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	10,06	105,0	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	19,92	107,5	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	19,30	107,5	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	12,87	107,5	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	15,55	107,5	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	14,18	107,5	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	18,54	107,5	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	16,02	107,5	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	11,80	107,5	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	10,81	107,5	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	13,13	107,5	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	13,83	107,5	0,00	84,21	-	-	0,00	0,00	-
Somme			26,93								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	13,26	105,0	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	11,49	105,0	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	10,06	105,0	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	19,92	107,5	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	19,30	107,5	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	12,87	107,5	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	15,55	107,5	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	14,18	107,5	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	18,54	107,5	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	16,02	107,5	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	11,80	107,5	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	10,81	107,5	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	13,13	107,5	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	13,83	107,5	0,00	84,21	-	-	0,00	0,00	-
Somme			26,93								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: K PF3 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	4,88	96,6	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	3,11	96,6	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	1,67	96,6	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	12,73	100,3	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	12,11	100,3	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	5,68	100,3	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	8,36	100,3	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	6,99	100,3	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	11,36	100,3	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	8,84	100,3	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	4,61	100,3	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	3,62	100,3	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	5,95	100,3	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	6,65	100,3	0,00	84,21	-	-	0,00	0,00	-
Somme			19,65								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	9,08	100,8	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	7,30	100,8	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	5,87	100,8	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	16,82	104,4	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	16,20	104,4	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	9,77	104,4	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	12,45	104,4	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	11,08	104,4	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	15,44	104,4	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	12,92	104,4	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	8,70	104,4	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	7,71	104,4	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	10,03	104,4	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	10,73	104,4	0,00	84,21	-	-	0,00	0,00	-
Somme			23,74								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	12,27	104,0	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	10,49	104,0	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	9,06	104,0	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	19,52	107,1	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	18,90	107,1	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	12,47	107,1	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	15,15	107,1	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	13,78	107,1	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	18,14	107,1	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	15,63	107,1	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	11,40	107,1	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	10,41	107,1	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	12,73	107,1	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	13,43	107,1	0,00	84,21	-	-	0,00	0,00	-
Somme			26,48								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	13,26	105,0	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	11,49	105,0	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	10,06	105,0	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	19,72	107,3	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	19,10	107,3	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	12,67	107,3	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	15,35	107,3	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	13,98	107,3	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	18,34	107,3	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	15,82	107,3	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	11,60	107,3	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	10,61	107,3	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	12,93	107,3	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	13,63	107,3	0,00	84,21	-	-	0,00	0,00	-
Somme			26,75								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	13,26	105,0	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	11,49	105,0	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	10,06	105,0	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	19,92	107,5	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	19,30	107,5	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	12,87	107,5	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	15,55	107,5	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	14,18	107,5	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	18,54	107,5	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	16,02	107,5	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	11,80	107,5	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	10,81	107,5	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	13,13	107,5	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	13,83	107,5	0,00	84,21	-	-	0,00	0,00	-
Somme			26,93								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	13,26	105,0	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	11,49	105,0	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	10,06	105,0	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	19,92	107,5	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	19,30	107,5	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	12,87	107,5	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	15,55	107,5	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	14,18	107,5	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	18,54	107,5	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	16,02	107,5	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	11,80	107,5	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	10,81	107,5	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	13,13	107,5	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	13,83	107,5	0,00	84,21	-	-	0,00	0,00	-
Somme			26,93								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: L PF3 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	4,88	96,6	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	3,11	96,6	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	1,67	96,6	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	12,73	100,3	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	12,11	100,3	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	5,68	100,3	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	8,36	100,3	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	6,99	100,3	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	11,36	100,3	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	8,84	100,3	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	4,61	100,3	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	3,62	100,3	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	5,95	100,3	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	6,65	100,3	0,00	84,21	-	-	0,00	0,00	-
Somme			19,65								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	9,08	100,8	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	7,30	100,8	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	5,87	100,8	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	16,82	104,4	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	16,20	104,4	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	9,77	104,4	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	12,45	104,4	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	11,08	104,4	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	15,44	104,4	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	12,92	104,4	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	8,70	104,4	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	7,71	104,4	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	10,03	104,4	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	10,73	104,4	0,00	84,21	-	-	0,00	0,00	-
Somme			23,74								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	12,27	104,0	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	10,49	104,0	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	9,06	104,0	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	19,52	107,1	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	18,90	107,1	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	12,47	107,1	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	15,15	107,1	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	13,78	107,1	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	18,14	107,1	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	15,63	107,1	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	11,40	107,1	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	10,41	107,1	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	12,73	107,1	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	13,43	107,1	0,00	84,21	-	-	0,00	0,00	-
Somme			26,48								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	13,26	105,0	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	11,49	105,0	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	10,06	105,0	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	19,72	107,3	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	19,10	107,3	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	12,67	107,3	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	15,35	107,3	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	13,98	107,3	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	18,34	107,3	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	15,82	107,3	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	11,60	107,3	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	10,61	107,3	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	12,93	107,3	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	13,63	107,3	0,00	84,21	-	-	0,00	0,00	-
Somme			26,75								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	13,26	105,0	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	11,49	105,0	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	10,06	105,0	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	19,92	107,5	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	19,30	107,5	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	12,87	107,5	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	15,55	107,5	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	14,18	107,5	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	18,54	107,5	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	16,02	107,5	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	11,80	107,5	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	10,81	107,5	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	13,13	107,5	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	13,83	107,5	0,00	84,21	-	-	0,00	0,00	-
Somme			26,93								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.891	3.893	13,26	105,0	0,00	82,81	-	-	0,00	0,00	-
2	4.512	4.514	11,49	105,0	0,00	84,09	-	-	0,00	0,00	-
3	5.084	5.086	10,06	105,0	0,00	85,13	-	-	0,00	0,00	-
4	2.749	2.752	19,92	107,5	0,00	79,79	-	-	0,00	0,00	-
5	2.886	2.888	19,30	107,5	0,00	80,21	-	-	0,00	0,00	-
6	4.956	4.957	12,87	107,5	0,00	84,90	-	-	0,00	0,00	-
7	3.962	3.964	15,55	107,5	0,00	82,96	-	-	0,00	0,00	-
8	4.444	4.445	14,18	107,5	0,00	83,96	-	-	0,00	0,00	-
9	3.078	3.080	18,54	107,5	0,00	80,77	-	-	0,00	0,00	-
10	3.808	3.810	16,02	107,5	0,00	82,62	-	-	0,00	0,00	-
11	5.419	5.419	11,80	107,5	0,00	85,68	-	-	0,00	0,00	-
12	5.886	5.887	10,81	107,5	0,00	86,40	-	-	0,00	0,00	-
13	4.847	4.848	13,13	107,5	0,00	84,71	-	-	0,00	0,00	-
14	4.573	4.575	13,83	107,5	0,00	84,21	-	-	0,00	0,00	-
Somme			26,93								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: M PF4 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	-2,15	96,6	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	-3,15	96,6	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	-4,01	96,6	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	8,66	100,3	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	9,84	100,3	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	8,49	100,3	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	7,38	100,3	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	6,71	100,3	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	11,04	100,3	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	10,49	100,3	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	7,40	100,3	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	6,35	100,3	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	6,09	100,3	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	9,42	100,3	0,00	82,20	-	-	0,00	0,00	-
Somme			19,15								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	2,05	100,8	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	1,04	100,8	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	0,18	100,8	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	12,74	104,4	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	13,92	104,4	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	12,58	104,4	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	11,47	104,4	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	10,79	104,4	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	15,13	104,4	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	14,58	104,4	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	11,49	104,4	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	10,43	104,4	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	10,18	104,4	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	13,50	104,4	0,00	82,20	-	-	0,00	0,00	-
Somme			23,24								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	5,23	104,0	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	4,23	104,0	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	3,37	104,0	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	15,44	107,1	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	16,62	107,1	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	15,28	107,1	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	14,17	107,1	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	13,49	107,1	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	17,83	107,1	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	17,28	107,1	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	14,19	107,1	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	13,14	107,1	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	12,88	107,1	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	16,20	107,1	0,00	82,20	-	-	0,00	0,00	-
Somme			25,95								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	6,23	105,0	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	5,23	105,0	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	4,37	105,0	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	15,64	107,3	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	16,82	107,3	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	15,48	107,3	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	14,37	107,3	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	13,69	107,3	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	18,03	107,3	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	17,48	107,3	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	14,39	107,3	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	13,34	107,3	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	13,08	107,3	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	16,40	107,3	0,00	82,20	-	-	0,00	0,00	-
Somme			26,17								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	6,23	105,0	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	5,23	105,0	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	4,37	105,0	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	15,84	107,5	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	17,02	107,5	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	15,68	107,5	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	14,57	107,5	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	13,89	107,5	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	18,23	107,5	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	17,68	107,5	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	14,59	107,5	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	13,54	107,5	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	13,28	107,5	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	16,60	107,5	0,00	82,20	-	-	0,00	0,00	-
Somme			26,36								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	6,23	105,0	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	5,23	105,0	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	4,37	105,0	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	15,84	107,5	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	17,02	107,5	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	15,68	107,5	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	14,57	107,5	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	13,89	107,5	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	18,23	107,5	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	17,68	107,5	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	14,59	107,5	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	13,54	107,5	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	13,28	107,5	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	16,60	107,5	0,00	82,20	-	-	0,00	0,00	-
Somme			26,36								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: N PF4 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	-2,15	96,6	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	-3,15	96,6	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	-4,01	96,6	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	8,66	100,3	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	9,84	100,3	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	8,49	100,3	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	7,38	100,3	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	6,71	100,3	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	11,04	100,3	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	10,49	100,3	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	7,40	100,3	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	6,35	100,3	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	6,09	100,3	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	9,42	100,3	0,00	82,20	-	-	0,00	0,00	-
Somme			19,15								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	2,05	100,8	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	1,04	100,8	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	0,18	100,8	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	12,74	104,4	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	13,92	104,4	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	12,58	104,4	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	11,47	104,4	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	10,79	104,4	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	15,13	104,4	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	14,58	104,4	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	11,49	104,4	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	10,43	104,4	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	10,18	104,4	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	13,50	104,4	0,00	82,20	-	-	0,00	0,00	-
Somme			23,24								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	5,23	104,0	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	4,23	104,0	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	3,37	104,0	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	15,44	107,1	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	16,62	107,1	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	15,28	107,1	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	14,17	107,1	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	13,49	107,1	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	17,83	107,1	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	17,28	107,1	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	14,19	107,1	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	13,14	107,1	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	12,88	107,1	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	16,20	107,1	0,00	82,20	-	-	0,00	0,00	-
Somme			25,95								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	6,23	105,0	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	5,23	105,0	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	4,37	105,0	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	15,64	107,3	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	16,82	107,3	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	15,48	107,3	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	14,37	107,3	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	13,69	107,3	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	18,03	107,3	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	17,48	107,3	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	14,39	107,3	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	13,34	107,3	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	13,08	107,3	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	16,40	107,3	0,00	82,20	-	-	0,00	0,00	-
Somme			26,17								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	6,23	105,0	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	5,23	105,0	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	4,37	105,0	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	15,84	107,5	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	17,02	107,5	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	15,68	107,5	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	14,57	107,5	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	13,89	107,5	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	18,23	107,5	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	17,68	107,5	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	14,59	107,5	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	13,54	107,5	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	13,28	107,5	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	16,60	107,5	0,00	82,20	-	-	0,00	0,00	-
Somme			26,36								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	6,23	105,0	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	5,23	105,0	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	4,37	105,0	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	15,84	107,5	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	17,02	107,5	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	15,68	107,5	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	14,57	107,5	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	13,89	107,5	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	18,23	107,5	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	17,68	107,5	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	14,59	107,5	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	13,54	107,5	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	13,28	107,5	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	16,60	107,5	0,00	82,20	-	-	0,00	0,00	-
Somme			26,36								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: O PF4 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	-2,15	96,6	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	-3,15	96,6	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	-4,01	96,6	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	8,66	100,3	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	9,84	100,3	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	8,49	100,3	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	7,38	100,3	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	6,71	100,3	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	11,04	100,3	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	10,49	100,3	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	7,40	100,3	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	6,35	100,3	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	6,09	100,3	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	9,42	100,3	0,00	82,20	-	-	0,00	0,00	-
Somme			19,15								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	2,05	100,8	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	1,04	100,8	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	0,18	100,8	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	12,74	104,4	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	13,92	104,4	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	12,58	104,4	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	11,47	104,4	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	10,79	104,4	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	15,13	104,4	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	14,58	104,4	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	11,49	104,4	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	10,43	104,4	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	10,18	104,4	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	13,50	104,4	0,00	82,20	-	-	0,00	0,00	-
Somme			23,24								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	5,23	104,0	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	4,23	104,0	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	3,37	104,0	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	15,44	107,1	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	16,62	107,1	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	15,28	107,1	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	14,17	107,1	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	13,49	107,1	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	17,83	107,1	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	17,28	107,1	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	14,19	107,1	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	13,14	107,1	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	12,88	107,1	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	16,20	107,1	0,00	82,20	-	-	0,00	0,00	-
Somme			25,95								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	6,23	105,0	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	5,23	105,0	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	4,37	105,0	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	15,64	107,3	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	16,82	107,3	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	15,48	107,3	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	14,37	107,3	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	13,69	107,3	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	18,03	107,3	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	17,48	107,3	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	14,39	107,3	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	13,34	107,3	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	13,08	107,3	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	16,40	107,3	0,00	82,20	-	-	0,00	0,00	-
Somme			26,17								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	6,23	105,0	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	5,23	105,0	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	4,37	105,0	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	15,84	107,5	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	17,02	107,5	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	15,68	107,5	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	14,57	107,5	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	13,89	107,5	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	18,23	107,5	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	17,68	107,5	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	14,59	107,5	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	13,54	107,5	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	13,28	107,5	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	16,60	107,5	0,00	82,20	-	-	0,00	0,00	-
Somme			26,36								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	6,23	105,0	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	5,23	105,0	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	4,37	105,0	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	15,84	107,5	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	17,02	107,5	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	15,68	107,5	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	14,57	107,5	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	13,89	107,5	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	18,23	107,5	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	17,68	107,5	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	14,59	107,5	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	13,54	107,5	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	13,28	107,5	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	16,60	107,5	0,00	82,20	-	-	0,00	0,00	-
Somme			26,36								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: P PF4 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	-2,15	96,6	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	-3,15	96,6	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	-4,01	96,6	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	8,66	100,3	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	9,84	100,3	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	8,49	100,3	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	7,38	100,3	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	6,71	100,3	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	11,04	100,3	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	10,49	100,3	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	7,40	100,3	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	6,35	100,3	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	6,09	100,3	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	9,42	100,3	0,00	82,20	-	-	0,00	0,00	-
Somme			19,15								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	2,05	100,8	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	1,04	100,8	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	0,18	100,8	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	12,74	104,4	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	13,92	104,4	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	12,58	104,4	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	11,47	104,4	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	10,79	104,4	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	15,13	104,4	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	14,58	104,4	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	11,49	104,4	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	10,43	104,4	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	10,18	104,4	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	13,50	104,4	0,00	82,20	-	-	0,00	0,00	-
Somme			23,24								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	5,23	104,0	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	4,23	104,0	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	3,37	104,0	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	15,44	107,1	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	16,62	107,1	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	15,28	107,1	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	14,17	107,1	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	13,49	107,1	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	17,83	107,1	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	17,28	107,1	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	14,19	107,1	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	13,14	107,1	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	12,88	107,1	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	16,20	107,1	0,00	82,20	-	-	0,00	0,00	-
Somme			25,95								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	6,23	105,0	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	5,23	105,0	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	4,37	105,0	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	15,64	107,3	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	16,82	107,3	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	15,48	107,3	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	14,37	107,3	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	13,69	107,3	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	18,03	107,3	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	17,48	107,3	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	14,39	107,3	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	13,34	107,3	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	13,08	107,3	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	16,40	107,3	0,00	82,20	-	-	0,00	0,00	-
Somme			26,17								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	6,23	105,0	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	5,23	105,0	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	4,37	105,0	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	15,84	107,5	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	17,02	107,5	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	15,68	107,5	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	14,57	107,5	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	13,89	107,5	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	18,23	107,5	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	17,68	107,5	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	14,59	107,5	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	13,54	107,5	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	13,28	107,5	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	16,60	107,5	0,00	82,20	-	-	0,00	0,00	-
Somme			26,36								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	7.008	7.009	6,23	105,0	0,00	87,91	-	-	0,00	0,00	-
2	7.629	7.630	5,23	105,0	0,00	88,65	-	-	0,00	0,00	-
3	8.210	8.211	4,37	105,0	0,00	89,29	-	-	0,00	0,00	-
4	3.866	3.868	15,84	107,5	0,00	82,75	-	-	0,00	0,00	-
5	3.502	3.504	17,02	107,5	0,00	81,89	-	-	0,00	0,00	-
6	3.920	3.922	15,68	107,5	0,00	82,87	-	-	0,00	0,00	-
7	4.301	4.302	14,57	107,5	0,00	83,67	-	-	0,00	0,00	-
8	4.550	4.552	13,89	107,5	0,00	84,16	-	-	0,00	0,00	-
9	3.161	3.163	18,23	107,5	0,00	81,00	-	-	0,00	0,00	-
10	3.313	3.315	17,68	107,5	0,00	81,41	-	-	0,00	0,00	-
11	4.295	4.296	14,59	107,5	0,00	83,66	-	-	0,00	0,00	-
12	4.688	4.689	13,54	107,5	0,00	84,42	-	-	0,00	0,00	-
13	4.789	4.790	13,28	107,5	0,00	84,61	-	-	0,00	0,00	-
14	3.628	3.629	16,60	107,5	0,00	82,20	-	-	0,00	0,00	-
Somme			26,36								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: Q PF5 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	-1,75	96,6	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	-2,79	96,6	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	-3,64	96,6	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	7,16	100,3	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	7,90	100,3	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	5,80	100,3	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	5,47	100,3	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	4,75	100,3	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	8,61	100,3	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	7,72	100,3	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	4,87	100,3	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	3,98	100,3	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	4,13	100,3	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	6,59	100,3	0,00	84,24	-	-	0,00	0,00	-
Somme			16,92								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	2,44	100,8	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	1,41	100,8	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	0,55	100,8	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	11,24	104,4	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	11,98	104,4	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	9,88	104,4	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	9,55	104,4	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	8,83	104,4	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	12,69	104,4	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	11,81	104,4	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	8,96	104,4	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	8,07	104,4	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	8,22	104,4	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	10,68	104,4	0,00	84,24	-	-	0,00	0,00	-
Somme			21,01								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	5,63	104,0	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	4,60	104,0	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	3,74	104,0	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	13,95	107,1	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	14,69	107,1	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	12,58	107,1	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	12,25	107,1	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	11,53	107,1	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	15,40	107,1	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	14,51	107,1	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	11,66	107,1	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	10,77	107,1	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	10,92	107,1	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	13,38	107,1	0,00	84,24	-	-	0,00	0,00	-
Somme			23,73								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	6,63	105,0	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	5,60	105,0	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	4,74	105,0	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	14,15	107,3	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	14,89	107,3	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	12,78	107,3	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	12,45	107,3	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	11,73	107,3	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	15,59	107,3	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	14,71	107,3	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	11,86	107,3	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	10,97	107,3	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	11,12	107,3	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	13,58	107,3	0,00	84,24	-	-	0,00	0,00	-
Somme			23,96								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	6,63	105,0	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	5,60	105,0	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	4,74	105,0	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	14,34	107,5	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	15,09	107,5	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	12,98	107,5	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	12,65	107,5	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	11,93	107,5	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	15,79	107,5	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	14,91	107,5	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	12,06	107,5	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	11,17	107,5	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	11,32	107,5	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	13,78	107,5	0,00	84,24	-	-	0,00	0,00	-
Somme			24,15								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	6,63	105,0	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	5,60	105,0	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	4,74	105,0	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	14,34	107,5	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	15,09	107,5	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	12,98	107,5	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	12,65	107,5	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	11,93	107,5	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	15,79	107,5	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	14,91	107,5	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	12,06	107,5	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	11,17	107,5	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	11,32	107,5	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	13,78	107,5	0,00	84,24	-	-	0,00	0,00	-
Somme			24,15								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: R PF5 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	-1,75	96,6	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	-2,79	96,6	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	-3,64	96,6	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	7,16	100,3	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	7,90	100,3	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	5,80	100,3	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	5,47	100,3	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	4,75	100,3	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	8,61	100,3	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	7,72	100,3	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	4,87	100,3	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	3,98	100,3	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	4,13	100,3	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	6,59	100,3	0,00	84,24	-	-	0,00	0,00	-
Somme			16,92								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	2,44	100,8	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	1,41	100,8	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	0,55	100,8	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	11,24	104,4	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	11,98	104,4	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	9,88	104,4	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	9,55	104,4	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	8,83	104,4	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	12,69	104,4	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	11,81	104,4	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	8,96	104,4	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	8,07	104,4	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	8,22	104,4	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	10,68	104,4	0,00	84,24	-	-	0,00	0,00	-
Somme			21,01								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	5,63	104,0	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	4,60	104,0	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	3,74	104,0	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	13,95	107,1	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	14,69	107,1	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	12,58	107,1	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	12,25	107,1	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	11,53	107,1	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	15,40	107,1	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	14,51	107,1	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	11,66	107,1	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	10,77	107,1	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	10,92	107,1	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	13,38	107,1	0,00	84,24	-	-	0,00	0,00	-
Somme			23,73								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	6,63	105,0	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	5,60	105,0	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	4,74	105,0	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	14,15	107,3	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	14,89	107,3	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	12,78	107,3	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	12,45	107,3	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	11,73	107,3	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	15,59	107,3	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	14,71	107,3	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	11,86	107,3	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	10,97	107,3	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	11,12	107,3	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	13,58	107,3	0,00	84,24	-	-	0,00	0,00	-
Somme			23,96								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	6,63	105,0	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	5,60	105,0	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	4,74	105,0	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	14,34	107,5	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	15,09	107,5	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	12,98	107,5	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	12,65	107,5	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	11,93	107,5	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	15,79	107,5	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	14,91	107,5	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	12,06	107,5	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	11,17	107,5	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	11,32	107,5	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	13,78	107,5	0,00	84,24	-	-	0,00	0,00	-
Somme			24,15								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	6,63	105,0	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	5,60	105,0	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	4,74	105,0	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	14,34	107,5	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	15,09	107,5	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	12,98	107,5	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	12,65	107,5	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	11,93	107,5	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	15,79	107,5	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	14,91	107,5	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	12,06	107,5	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	11,17	107,5	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	11,32	107,5	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	13,78	107,5	0,00	84,24	-	-	0,00	0,00	-
Somme			24,15								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglémenté: S PF5 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	-1,75	96,6	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	-2,79	96,6	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	-3,64	96,6	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	7,16	100,3	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	7,90	100,3	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	5,80	100,3	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	5,47	100,3	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	4,75	100,3	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	8,61	100,3	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	7,72	100,3	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	4,87	100,3	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	3,98	100,3	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	4,13	100,3	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	6,59	100,3	0,00	84,24	-	-	0,00	0,00	-
Somme			16,92								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	2,44	100,8	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	1,41	100,8	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	0,55	100,8	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	11,24	104,4	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	11,98	104,4	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	9,88	104,4	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	9,55	104,4	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	8,83	104,4	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	12,69	104,4	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	11,81	104,4	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	8,96	104,4	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	8,07	104,4	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	8,22	104,4	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	10,68	104,4	0,00	84,24	-	-	0,00	0,00	-
Somme			21,01								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	5,63	104,0	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	4,60	104,0	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	3,74	104,0	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	13,95	107,1	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	14,69	107,1	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	12,58	107,1	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	12,25	107,1	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	11,53	107,1	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	15,40	107,1	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	14,51	107,1	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	11,66	107,1	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	10,77	107,1	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	10,92	107,1	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	13,38	107,1	0,00	84,24	-	-	0,00	0,00	-
Somme			23,73								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	6,63	105,0	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	5,60	105,0	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	4,74	105,0	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	14,15	107,3	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	14,89	107,3	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	12,78	107,3	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	12,45	107,3	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	11,73	107,3	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	15,59	107,3	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	14,71	107,3	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	11,86	107,3	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	10,97	107,3	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	11,12	107,3	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	13,58	107,3	0,00	84,24	-	-	0,00	0,00	-
Somme			23,96								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	6,63	105,0	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	5,60	105,0	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	4,74	105,0	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	14,34	107,5	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	15,09	107,5	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	12,98	107,5	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	12,65	107,5	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	11,93	107,5	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	15,79	107,5	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	14,91	107,5	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	12,06	107,5	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	11,17	107,5	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	11,32	107,5	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	13,78	107,5	0,00	84,24	-	-	0,00	0,00	-
Somme			24,15								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	6,63	105,0	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	5,60	105,0	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	4,74	105,0	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	14,34	107,5	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	15,09	107,5	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	12,98	107,5	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	12,65	107,5	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	11,93	107,5	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	15,79	107,5	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	14,91	107,5	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	12,06	107,5	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	11,17	107,5	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	11,32	107,5	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	13,78	107,5	0,00	84,24	-	-	0,00	0,00	-
Somme			24,15								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: T PF5 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	-1,75	96,6	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	-2,79	96,6	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	-3,64	96,6	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	7,16	100,3	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	7,90	100,3	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	5,80	100,3	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	5,47	100,3	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	4,75	100,3	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	8,61	100,3	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	7,72	100,3	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	4,87	100,3	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	3,98	100,3	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	4,13	100,3	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	6,59	100,3	0,00	84,24	-	-	0,00	0,00	-
Somme			16,92								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	2,44	100,8	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	1,41	100,8	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	0,55	100,8	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	11,24	104,4	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	11,98	104,4	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	9,88	104,4	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	9,55	104,4	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	8,83	104,4	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	12,69	104,4	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	11,81	104,4	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	8,96	104,4	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	8,07	104,4	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	8,22	104,4	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	10,68	104,4	0,00	84,24	-	-	0,00	0,00	-
Somme			21,01								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	5,63	104,0	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	4,60	104,0	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	3,74	104,0	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	13,95	107,1	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	14,69	107,1	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	12,58	107,1	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	12,25	107,1	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	11,53	107,1	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	15,40	107,1	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	14,51	107,1	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	11,66	107,1	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	10,77	107,1	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	10,92	107,1	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	13,38	107,1	0,00	84,24	-	-	0,00	0,00	-
Somme			23,73								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	6,63	105,0	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	5,60	105,0	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	4,74	105,0	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	14,15	107,3	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	14,89	107,3	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	12,78	107,3	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	12,45	107,3	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	11,73	107,3	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	15,59	107,3	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	14,71	107,3	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	11,86	107,3	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	10,97	107,3	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	11,12	107,3	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	13,58	107,3	0,00	84,24	-	-	0,00	0,00	-
Somme			23,96								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	6,63	105,0	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	5,60	105,0	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	4,74	105,0	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	14,34	107,5	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	15,09	107,5	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	12,98	107,5	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	12,65	107,5	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	11,93	107,5	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	15,79	107,5	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	14,91	107,5	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	12,06	107,5	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	11,17	107,5	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	11,32	107,5	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	13,78	107,5	0,00	84,24	-	-	0,00	0,00	-
Somme			24,15								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.777	6.778	6,63	105,0	0,00	87,62	-	-	0,00	0,00	-
2	7.396	7.397	5,60	105,0	0,00	88,38	-	-	0,00	0,00	-
3	7.954	7.955	4,74	105,0	0,00	89,01	-	-	0,00	0,00	-
4	4.381	4.383	14,34	107,5	0,00	83,84	-	-	0,00	0,00	-
5	4.119	4.121	15,09	107,5	0,00	83,30	-	-	0,00	0,00	-
6	4.908	4.909	12,98	107,5	0,00	84,82	-	-	0,00	0,00	-
7	5.045	5.046	12,65	107,5	0,00	85,06	-	-	0,00	0,00	-
8	5.357	5.358	11,93	107,5	0,00	85,58	-	-	0,00	0,00	-
9	3.882	3.884	15,79	107,5	0,00	82,79	-	-	0,00	0,00	-
10	4.180	4.182	14,91	107,5	0,00	83,43	-	-	0,00	0,00	-
11	5.302	5.303	12,06	107,5	0,00	85,49	-	-	0,00	0,00	-
12	5.710	5.711	11,17	107,5	0,00	86,13	-	-	0,00	0,00	-
13	5.639	5.640	11,32	107,5	0,00	86,03	-	-	0,00	0,00	-
14	4.593	4.594	13,78	107,5	0,00	84,24	-	-	0,00	0,00	-
Somme			24,15								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: U PF6 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	-4,25	96,6	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	-5,08	96,6	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	-5,81	96,6	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	6,24	100,3	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	7,50	100,3	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	8,89	100,3	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	6,09	100,3	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	5,83	100,3	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	8,88	100,3	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	9,41	100,3	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	8,11	100,3	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	7,29	100,3	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	5,52	100,3	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	9,45	100,3	0,00	82,17	-	-	0,00	0,00	-
Somme			18,27								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	-0,05	100,8	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	-0,88	100,8	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	-1,62	100,8	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	10,33	104,4	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	11,58	104,4	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	12,97	104,4	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	10,18	104,4	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	9,91	104,4	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	12,97	104,4	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	13,49	104,4	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	12,20	104,4	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	11,37	104,4	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	9,60	104,4	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	13,54	104,4	0,00	82,17	-	-	0,00	0,00	-
Somme			22,35								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	3,14	104,0	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	2,31	104,0	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	1,57	104,0	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	13,03	107,1	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	14,28	107,1	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	15,67	107,1	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	12,88	107,1	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	12,61	107,1	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	15,67	107,1	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	16,19	107,1	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	14,90	107,1	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	14,07	107,1	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	12,31	107,1	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	16,24	107,1	0,00	82,17	-	-	0,00	0,00	-
Somme			25,06								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	4,14	105,0	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	3,31	105,0	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	2,57	105,0	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	13,23	107,3	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	14,48	107,3	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	15,87	107,3	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	13,08	107,3	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	12,81	107,3	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	15,87	107,3	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	16,39	107,3	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	15,10	107,3	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	14,27	107,3	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	12,50	107,3	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	16,44	107,3	0,00	82,17	-	-	0,00	0,00	-
Somme			25,27								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	4,14	105,0	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	3,31	105,0	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	2,57	105,0	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	13,43	107,5	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	14,68	107,5	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	16,07	107,5	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	13,28	107,5	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	13,01	107,5	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	16,07	107,5	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	16,59	107,5	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	15,30	107,5	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	14,47	107,5	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	12,70	107,5	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	16,64	107,5	0,00	82,17	-	-	0,00	0,00	-
Somme			25,47								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	4,14	105,0	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	3,31	105,0	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	2,57	105,0	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	13,43	107,5	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	14,68	107,5	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	16,07	107,5	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	13,28	107,5	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	13,01	107,5	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	16,07	107,5	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	16,59	107,5	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	15,30	107,5	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	14,47	107,5	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	12,70	107,5	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	16,64	107,5	0,00	82,17	-	-	0,00	0,00	-
Somme			25,47								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: V PF6 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	-4,25	96,6	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	-5,08	96,6	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	-5,81	96,6	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	6,24	100,3	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	7,50	100,3	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	8,89	100,3	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	6,09	100,3	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	5,83	100,3	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	8,88	100,3	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	9,41	100,3	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	8,11	100,3	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	7,29	100,3	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	5,52	100,3	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	9,45	100,3	0,00	82,17	-	-	0,00	0,00	-
Somme			18,27								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	-0,05	100,8	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	-0,88	100,8	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	-1,62	100,8	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	10,33	104,4	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	11,58	104,4	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	12,97	104,4	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	10,18	104,4	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	9,91	104,4	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	12,97	104,4	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	13,49	104,4	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	12,20	104,4	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	11,37	104,4	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	9,60	104,4	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	13,54	104,4	0,00	82,17	-	-	0,00	0,00	-
Somme			22,35								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	3,14	104,0	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	2,31	104,0	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	1,57	104,0	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	13,03	107,1	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	14,28	107,1	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	15,67	107,1	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	12,88	107,1	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	12,61	107,1	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	15,67	107,1	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	16,19	107,1	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	14,90	107,1	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	14,07	107,1	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	12,31	107,1	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	16,24	107,1	0,00	82,17	-	-	0,00	0,00	-
Somme			25,06								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	4,14	105,0	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	3,31	105,0	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	2,57	105,0	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	13,23	107,3	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	14,48	107,3	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	15,87	107,3	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	13,08	107,3	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	12,81	107,3	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	15,87	107,3	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	16,39	107,3	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	15,10	107,3	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	14,27	107,3	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	12,50	107,3	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	16,44	107,3	0,00	82,17	-	-	0,00	0,00	-
Somme			25,27								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	4,14	105,0	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	3,31	105,0	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	2,57	105,0	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	13,43	107,5	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	14,68	107,5	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	16,07	107,5	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	13,28	107,5	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	13,01	107,5	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	16,07	107,5	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	16,59	107,5	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	15,30	107,5	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	14,47	107,5	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	12,70	107,5	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	16,64	107,5	0,00	82,17	-	-	0,00	0,00	-
Somme			25,47								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	4,14	105,0	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	3,31	105,0	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	2,57	105,0	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	13,43	107,5	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	14,68	107,5	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	16,07	107,5	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	13,28	107,5	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	13,01	107,5	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	16,07	107,5	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	16,59	107,5	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	15,30	107,5	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	14,47	107,5	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	12,70	107,5	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	16,64	107,5	0,00	82,17	-	-	0,00	0,00	-
Somme			25,47								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: W PF6 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	-4,25	96,6	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	-5,08	96,6	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	-5,81	96,6	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	6,24	100,3	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	7,50	100,3	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	8,89	100,3	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	6,09	100,3	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	5,83	100,3	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	8,88	100,3	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	9,41	100,3	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	8,11	100,3	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	7,29	100,3	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	5,52	100,3	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	9,45	100,3	0,00	82,17	-	-	0,00	0,00	-
Somme			18,27								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	-0,05	100,8	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	-0,88	100,8	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	-1,62	100,8	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	10,33	104,4	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	11,58	104,4	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	12,97	104,4	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	10,18	104,4	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	9,91	104,4	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	12,97	104,4	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	13,49	104,4	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	12,20	104,4	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	11,37	104,4	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	9,60	104,4	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	13,54	104,4	0,00	82,17	-	-	0,00	0,00	-
Somme			22,35								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	3,14	104,0	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	2,31	104,0	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	1,57	104,0	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	13,03	107,1	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	14,28	107,1	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	15,67	107,1	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	12,88	107,1	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	12,61	107,1	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	15,67	107,1	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	16,19	107,1	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	14,90	107,1	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	14,07	107,1	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	12,31	107,1	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	16,24	107,1	0,00	82,17	-	-	0,00	0,00	-
Somme			25,06								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	4,14	105,0	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	3,31	105,0	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	2,57	105,0	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	13,23	107,3	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	14,48	107,3	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	15,87	107,3	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	13,08	107,3	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	12,81	107,3	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	15,87	107,3	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	16,39	107,3	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	15,10	107,3	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	14,27	107,3	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	12,50	107,3	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	16,44	107,3	0,00	82,17	-	-	0,00	0,00	-
Somme			25,27								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	4,14	105,0	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	3,31	105,0	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	2,57	105,0	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	13,43	107,5	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	14,68	107,5	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	16,07	107,5	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	13,28	107,5	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	13,01	107,5	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	16,07	107,5	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	16,59	107,5	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	15,30	107,5	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	14,47	107,5	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	12,70	107,5	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	16,64	107,5	0,00	82,17	-	-	0,00	0,00	-
Somme			25,47								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	4,14	105,0	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	3,31	105,0	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	2,57	105,0	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	13,43	107,5	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	14,68	107,5	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	16,07	107,5	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	13,28	107,5	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	13,01	107,5	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	16,07	107,5	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	16,59	107,5	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	15,30	107,5	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	14,47	107,5	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	12,70	107,5	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	16,64	107,5	0,00	82,17	-	-	0,00	0,00	-
Somme			25,47								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: X PF6 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	-4,25	96,6	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	-5,08	96,6	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	-5,81	96,6	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	6,24	100,3	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	7,50	100,3	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	8,89	100,3	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	6,09	100,3	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	5,83	100,3	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	8,88	100,3	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	9,41	100,3	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	8,11	100,3	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	7,29	100,3	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	5,52	100,3	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	9,45	100,3	0,00	82,17	-	-	0,00	0,00	-
Somme			18,27								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	-0,05	100,8	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	-0,88	100,8	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	-1,62	100,8	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	10,33	104,4	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	11,58	104,4	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	12,97	104,4	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	10,18	104,4	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	9,91	104,4	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	12,97	104,4	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	13,49	104,4	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	12,20	104,4	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	11,37	104,4	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	9,60	104,4	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	13,54	104,4	0,00	82,17	-	-	0,00	0,00	-
Somme			22,35								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	3,14	104,0	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	2,31	104,0	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	1,57	104,0	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	13,03	107,1	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	14,28	107,1	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	15,67	107,1	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	12,88	107,1	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	12,61	107,1	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	15,67	107,1	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	16,19	107,1	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	14,90	107,1	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	14,07	107,1	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	12,31	107,1	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	16,24	107,1	0,00	82,17	-	-	0,00	0,00	-
Somme			25,06								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	4,14	105,0	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	3,31	105,0	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	2,57	105,0	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	13,23	107,3	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	14,48	107,3	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	15,87	107,3	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	13,08	107,3	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	12,81	107,3	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	15,87	107,3	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	16,39	107,3	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	15,10	107,3	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	14,27	107,3	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	12,50	107,3	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	16,44	107,3	0,00	82,17	-	-	0,00	0,00	-
Somme			25,27								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	4,14	105,0	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	3,31	105,0	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	2,57	105,0	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	13,43	107,5	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	14,68	107,5	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	16,07	107,5	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	13,28	107,5	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	13,01	107,5	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	16,07	107,5	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	16,59	107,5	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	15,30	107,5	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	14,47	107,5	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	12,70	107,5	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	16,64	107,5	0,00	82,17	-	-	0,00	0,00	-
Somme			25,47								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	8.375	8.376	4,14	105,0	0,00	89,46	-	-	0,00	0,00	-
2	8.992	8.994	3,31	105,0	0,00	90,08	-	-	0,00	0,00	-
3	9.581	9.582	2,57	105,0	0,00	90,63	-	-	0,00	0,00	-
4	4.730	4.732	13,43	107,5	0,00	84,50	-	-	0,00	0,00	-
5	4.260	4.262	14,68	107,5	0,00	83,59	-	-	0,00	0,00	-
6	3.793	3.795	16,07	107,5	0,00	82,58	-	-	0,00	0,00	-
7	4.790	4.791	13,28	107,5	0,00	84,61	-	-	0,00	0,00	-
8	4.896	4.898	13,01	107,5	0,00	84,80	-	-	0,00	0,00	-
9	3.794	3.796	16,07	107,5	0,00	82,59	-	-	0,00	0,00	-
10	3.630	3.632	16,59	107,5	0,00	82,20	-	-	0,00	0,00	-
11	4.046	4.048	15,30	107,5	0,00	83,14	-	-	0,00	0,00	-
12	4.335	4.337	14,47	107,5	0,00	83,74	-	-	0,00	0,00	-
13	5.023	5.025	12,70	107,5	0,00	85,02	-	-	0,00	0,00	-
14	3.617	3.619	16,64	107,5	0,00	82,17	-	-	0,00	0,00	-
Somme			25,47								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: Y PF7 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	7,69	96,6	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	5,51	96,6	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	3,77	96,6	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	13,03	100,3	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	11,76	100,3	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	4,98	100,3	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	8,31	100,3	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	6,89	100,3	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	10,55	100,3	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	8,02	100,3	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	3,98	100,3	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	3,05	100,3	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	5,82	100,3	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	5,87	100,3	0,00	84,77	-	-	0,00	0,00	-
Somme			19,62								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	11,89	100,8	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	9,71	100,8	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	7,97	100,8	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	17,12	104,4	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	15,84	104,4	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	9,06	104,4	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	12,40	104,4	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	10,97	104,4	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	14,64	104,4	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	12,11	104,4	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	8,07	104,4	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	7,14	104,4	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	9,90	104,4	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	9,95	104,4	0,00	84,77	-	-	0,00	0,00	-
Somme			23,72								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	15,08	104,0	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	12,90	104,0	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	11,16	104,0	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	19,82	107,1	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	18,54	107,1	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	11,76	107,1	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	15,10	107,1	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	13,67	107,1	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	17,34	107,1	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	14,81	107,1	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	10,77	107,1	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	9,84	107,1	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	12,60	107,1	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	12,65	107,1	0,00	84,77	-	-	0,00	0,00	-
Somme			26,49								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	16,08	105,0	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	13,90	105,0	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	12,15	105,0	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	20,02	107,3	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	18,74	107,3	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	11,96	107,3	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	15,30	107,3	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	13,87	107,3	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	17,54	107,3	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	15,01	107,3	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	10,97	107,3	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	10,04	107,3	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	12,80	107,3	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	12,85	107,3	0,00	84,77	-	-	0,00	0,00	-
Somme			26,81								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	16,08	105,0	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	13,90	105,0	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	12,15	105,0	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	20,22	107,5	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	18,94	107,5	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	12,16	107,5	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	15,50	107,5	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	14,07	107,5	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	17,74	107,5	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	15,21	107,5	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	11,17	107,5	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	10,24	107,5	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	13,00	107,5	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	13,05	107,5	0,00	84,77	-	-	0,00	0,00	-
Somme			26,98								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	16,08	105,0	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	13,90	105,0	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	12,15	105,0	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	20,22	107,5	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	18,94	107,5	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	12,16	107,5	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	15,50	107,5	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	14,07	107,5	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	17,74	107,5	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	15,21	107,5	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	11,17	107,5	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	10,24	107,5	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	13,00	107,5	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	13,05	107,5	0,00	84,77	-	-	0,00	0,00	-
Somme			26,98								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: Z PF7 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	7,69	96,6	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	5,51	96,6	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	3,77	96,6	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	13,03	100,3	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	11,76	100,3	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	4,98	100,3	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	8,31	100,3	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	6,89	100,3	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	10,55	100,3	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	8,02	100,3	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	3,98	100,3	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	3,05	100,3	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	5,82	100,3	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	5,87	100,3	0,00	84,77	-	-	0,00	0,00	-
Somme			19,62								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	11,89	100,8	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	9,71	100,8	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	7,97	100,8	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	17,12	104,4	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	15,84	104,4	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	9,06	104,4	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	12,40	104,4	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	10,97	104,4	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	14,64	104,4	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	12,11	104,4	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	8,07	104,4	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	7,14	104,4	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	9,90	104,4	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	9,95	104,4	0,00	84,77	-	-	0,00	0,00	-
Somme			23,72								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	15,08	104,0	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	12,90	104,0	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	11,16	104,0	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	19,82	107,1	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	18,54	107,1	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	11,76	107,1	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	15,10	107,1	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	13,67	107,1	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	17,34	107,1	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	14,81	107,1	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	10,77	107,1	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	9,84	107,1	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	12,60	107,1	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	12,65	107,1	0,00	84,77	-	-	0,00	0,00	-
Somme			26,49								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	16,08	105,0	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	13,90	105,0	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	12,15	105,0	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	20,02	107,3	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	18,74	107,3	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	11,96	107,3	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	15,30	107,3	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	13,87	107,3	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	17,54	107,3	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	15,01	107,3	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	10,97	107,3	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	10,04	107,3	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	12,80	107,3	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	12,85	107,3	0,00	84,77	-	-	0,00	0,00	-
Somme			26,81								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	16,08	105,0	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	13,90	105,0	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	12,15	105,0	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	20,22	107,5	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	18,94	107,5	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	12,16	107,5	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	15,50	107,5	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	14,07	107,5	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	17,74	107,5	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	15,21	107,5	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	11,17	107,5	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	10,24	107,5	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	13,00	107,5	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	13,05	107,5	0,00	84,77	-	-	0,00	0,00	-
Somme			26,98								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	16,08	105,0	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	13,90	105,0	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	12,15	105,0	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	20,22	107,5	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	18,94	107,5	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	12,16	107,5	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	15,50	107,5	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	14,07	107,5	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	17,74	107,5	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	15,21	107,5	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	11,17	107,5	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	10,24	107,5	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	13,00	107,5	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	13,05	107,5	0,00	84,77	-	-	0,00	0,00	-
Somme			26,98								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: AA PF7 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	7,69	96,6	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	5,51	96,6	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	3,77	96,6	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	13,03	100,3	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	11,76	100,3	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	4,98	100,3	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	8,31	100,3	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	6,89	100,3	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	10,55	100,3	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	8,02	100,3	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	3,98	100,3	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	3,05	100,3	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	5,82	100,3	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	5,87	100,3	0,00	84,77	-	-	0,00	0,00	-
Somme			19,62								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	11,89	100,8	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	9,71	100,8	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	7,97	100,8	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	17,12	104,4	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	15,84	104,4	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	9,06	104,4	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	12,40	104,4	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	10,97	104,4	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	14,64	104,4	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	12,11	104,4	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	8,07	104,4	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	7,14	104,4	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	9,90	104,4	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	9,95	104,4	0,00	84,77	-	-	0,00	0,00	-
Somme			23,72								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	15,08	104,0	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	12,90	104,0	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	11,16	104,0	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	19,82	107,1	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	18,54	107,1	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	11,76	107,1	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	15,10	107,1	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	13,67	107,1	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	17,34	107,1	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	14,81	107,1	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	10,77	107,1	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	9,84	107,1	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	12,60	107,1	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	12,65	107,1	0,00	84,77	-	-	0,00	0,00	-
Somme			26,49								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	16,08	105,0	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	13,90	105,0	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	12,15	105,0	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	20,02	107,3	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	18,74	107,3	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	11,96	107,3	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	15,30	107,3	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	13,87	107,3	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	17,54	107,3	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	15,01	107,3	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	10,97	107,3	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	10,04	107,3	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	12,80	107,3	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	12,85	107,3	0,00	84,77	-	-	0,00	0,00	-
Somme			26,81								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	16,08	105,0	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	13,90	105,0	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	12,15	105,0	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	20,22	107,5	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	18,94	107,5	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	12,16	107,5	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	15,50	107,5	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	14,07	107,5	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	17,74	107,5	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	15,21	107,5	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	11,17	107,5	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	10,24	107,5	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	13,00	107,5	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	13,05	107,5	0,00	84,77	-	-	0,00	0,00	-
Somme			26,98								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	16,08	105,0	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	13,90	105,0	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	12,15	105,0	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	20,22	107,5	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	18,94	107,5	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	12,16	107,5	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	15,50	107,5	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	14,07	107,5	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	17,74	107,5	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	15,21	107,5	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	11,17	107,5	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	10,24	107,5	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	13,00	107,5	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	13,05	107,5	0,00	84,77	-	-	0,00	0,00	-
Somme			26,98								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: AB PF7 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	7,69	96,6	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	5,51	96,6	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	3,77	96,6	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	13,03	100,3	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	11,76	100,3	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	4,98	100,3	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	8,31	100,3	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	6,89	100,3	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	10,55	100,3	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	8,02	100,3	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	3,98	100,3	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	3,05	100,3	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	5,82	100,3	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	5,87	100,3	0,00	84,77	-	-	0,00	0,00	-
Somme			19,62								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	11,89	100,8	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	9,71	100,8	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	7,97	100,8	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	17,12	104,4	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	15,84	104,4	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	9,06	104,4	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	12,40	104,4	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	10,97	104,4	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	14,64	104,4	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	12,11	104,4	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	8,07	104,4	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	7,14	104,4	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	9,90	104,4	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	9,95	104,4	0,00	84,77	-	-	0,00	0,00	-
Somme			23,72								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	15,08	104,0	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	12,90	104,0	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	11,16	104,0	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	19,82	107,1	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	18,54	107,1	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	11,76	107,1	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	15,10	107,1	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	13,67	107,1	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	17,34	107,1	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	14,81	107,1	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	10,77	107,1	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	9,84	107,1	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	12,60	107,1	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	12,65	107,1	0,00	84,77	-	-	0,00	0,00	-
Somme			26,49								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	16,08	105,0	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	13,90	105,0	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	12,15	105,0	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	20,02	107,3	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	18,74	107,3	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	11,96	107,3	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	15,30	107,3	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	13,87	107,3	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	17,54	107,3	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	15,01	107,3	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	10,97	107,3	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	10,04	107,3	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	12,80	107,3	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	12,85	107,3	0,00	84,77	-	-	0,00	0,00	-
Somme			26,81								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	16,08	105,0	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	13,90	105,0	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	12,15	105,0	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	20,22	107,5	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	18,94	107,5	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	12,16	107,5	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	15,50	107,5	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	14,07	107,5	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	17,74	107,5	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	15,21	107,5	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	11,17	107,5	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	10,24	107,5	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	13,00	107,5	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	13,05	107,5	0,00	84,77	-	-	0,00	0,00	-
Somme			26,98								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

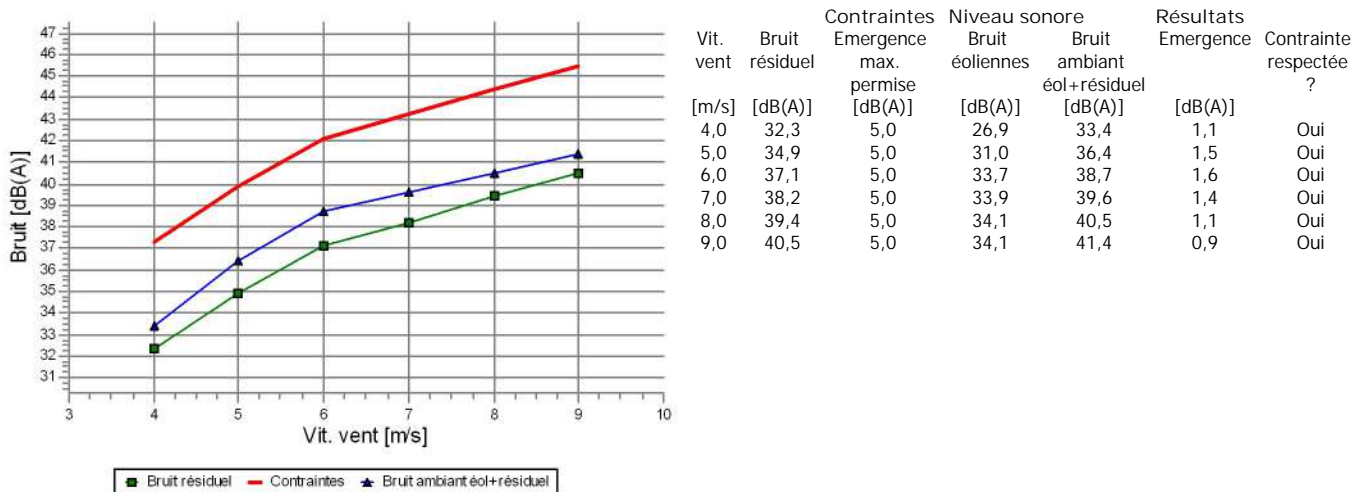
Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.068	3.071	16,08	105,0	0,00	80,75	-	-	0,00	0,00	-
2	3.690	3.692	13,90	105,0	0,00	82,35	-	-	0,00	0,00	-
3	4.269	4.271	12,15	105,0	0,00	83,61	-	-	0,00	0,00	-
4	2.686	2.688	20,22	107,5	0,00	79,59	-	-	0,00	0,00	-
5	2.974	2.976	18,94	107,5	0,00	80,47	-	-	0,00	0,00	-
6	5.256	5.257	12,16	107,5	0,00	85,42	-	-	0,00	0,00	-
7	3.980	3.982	15,50	107,5	0,00	83,00	-	-	0,00	0,00	-
8	4.483	4.484	14,07	107,5	0,00	84,03	-	-	0,00	0,00	-
9	3.296	3.298	17,74	107,5	0,00	81,36	-	-	0,00	0,00	-
10	4.077	4.078	15,21	107,5	0,00	83,21	-	-	0,00	0,00	-
11	5.712	5.713	11,17	107,5	0,00	86,14	-	-	0,00	0,00	-
12	6.175	6.175	10,24	107,5	0,00	86,81	-	-	0,00	0,00	-
13	4.900	4.901	13,00	107,5	0,00	84,81	-	-	0,00	0,00	-
14	4.880	4.881	13,05	107,5	0,00	84,77	-	-	0,00	0,00	-
Somme			26,98								

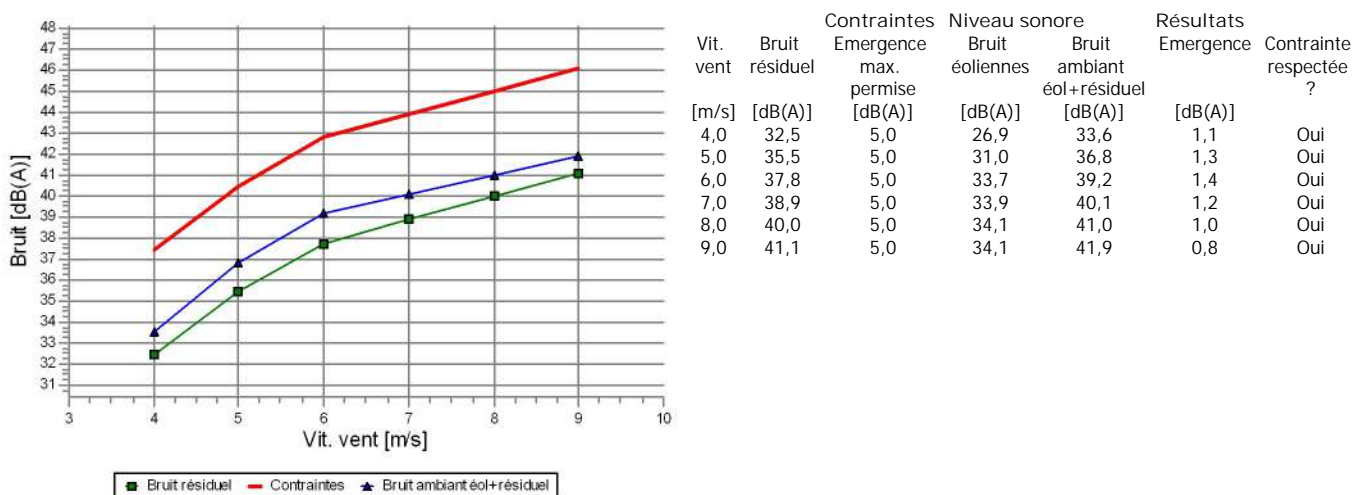
- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Analyse des résultats

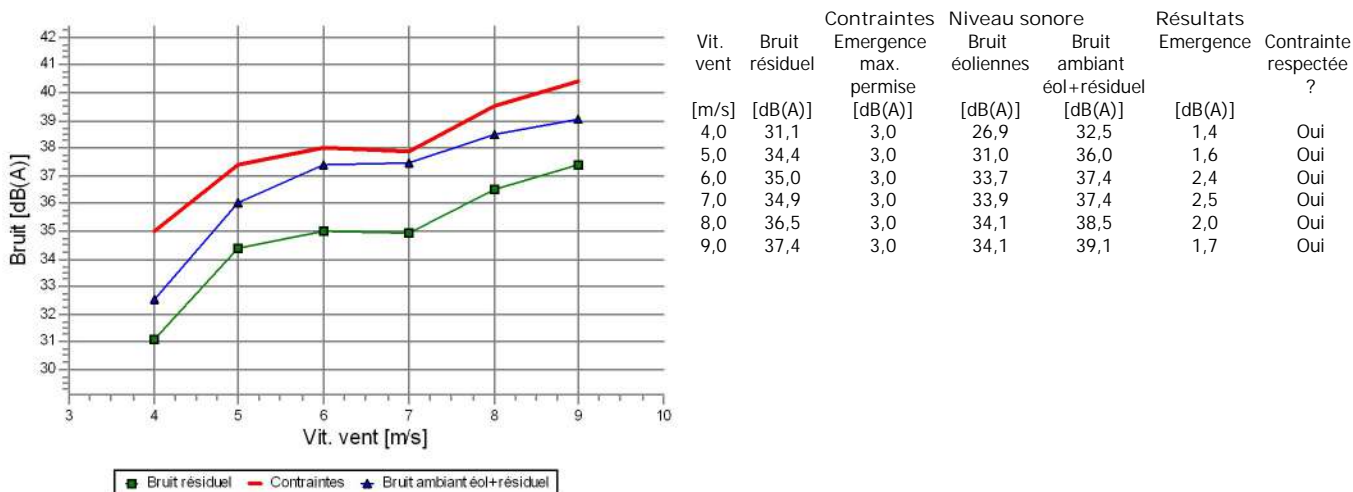
Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
A PF1 diurne SO



B PF1 diurne NE



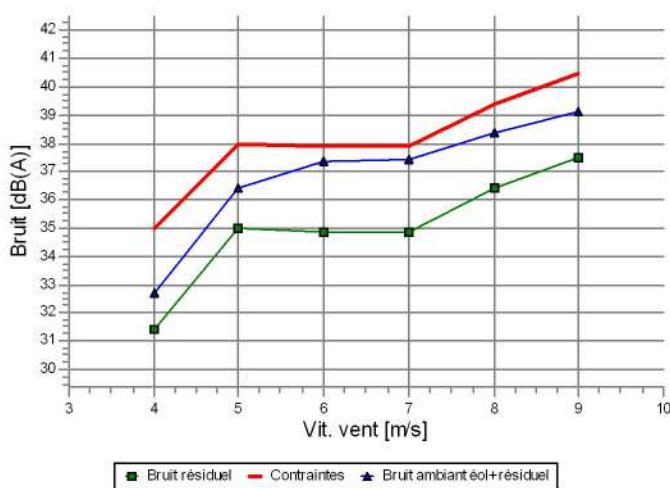
C PF1 nocturne SO



DECIBEL - Analyse des résultats

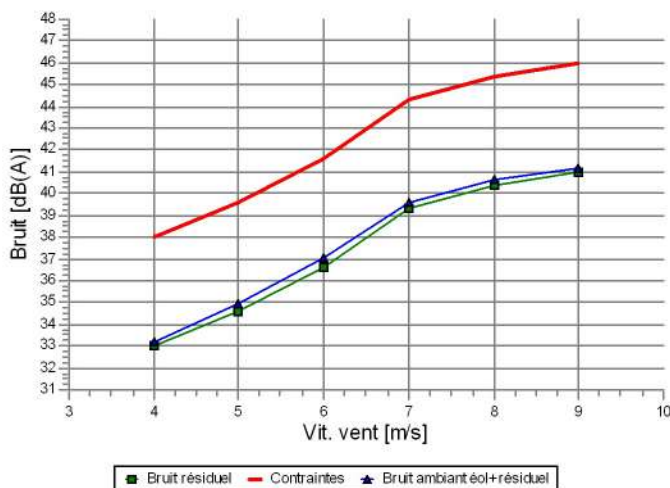
Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

D PF1 nocturne NE



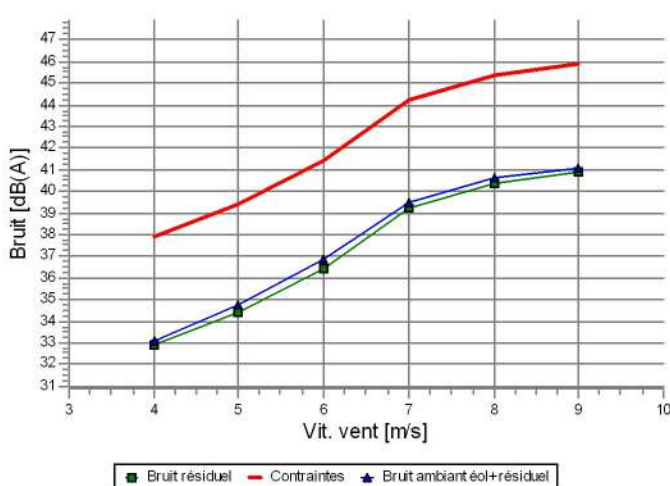
Vit. vent	Bruit résiduel [dB(A)]	Contraintes Emergence max. permise [dB(A)]	Niveau sonore éoliennes [dB(A)]	Bruit ambiant éol+résiduel [dB(A)]	Résultats Emergence [dB(A)]	Contrainte respectée ?
4,0	31,4	3,0	26,9	32,7	1,3	Oui
5,0	35,0	3,0	31,0	36,5	1,5	Oui
6,0	34,9	3,0	33,7	37,3	2,4	Oui
7,0	34,9	3,0	33,9	37,4	2,5	Oui
8,0	36,4	3,0	34,1	38,4	2,0	Oui
9,0	37,5	3,0	34,1	39,1	1,6	Oui

E PF2 diurne SO



Vit. vent	Bruit résiduel [dB(A)]	Contraintes Emergence max. permise [dB(A)]	Niveau sonore éoliennes [dB(A)]	Bruit ambiant éol+résiduel [dB(A)]	Résultats Emergence [dB(A)]	Contrainte respectée ?
4,0	33,0	5,0	19,7	33,2	0,2	Oui
5,0	34,6	5,0	23,8	34,9	0,3	Oui
6,0	36,6	5,0	26,7	37,0	0,4	Oui
7,0	39,3	5,0	27,2	39,6	0,3	Oui
8,0	40,4	5,0	27,3	40,6	0,2	Oui
9,0	41,0	5,0	27,3	41,2	0,2	Oui

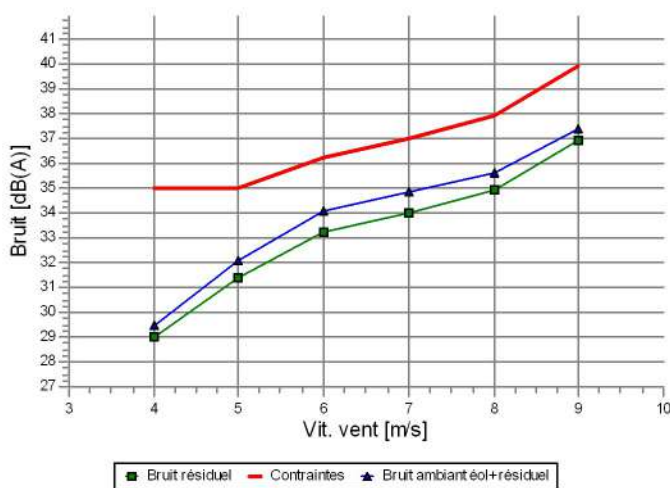
F PF2 diurne NE



Vit. vent	Bruit résiduel [dB(A)]	Contraintes Emergence max. permise [dB(A)]	Niveau sonore éoliennes [dB(A)]	Bruit ambiant éol+résiduel [dB(A)]	Résultats Emergence [dB(A)]	Contrainte respectée ?
4,0	32,9	5,0	19,7	33,1	0,2	Oui
5,0	34,4	5,0	23,8	34,8	0,4	Oui
6,0	36,4	5,0	26,7	36,8	0,4	Oui
7,0	39,2	5,0	27,2	39,5	0,3	Oui
8,0	40,4	5,0	27,3	40,6	0,2	Oui
9,0	40,9	5,0	27,3	41,1	0,2	Oui

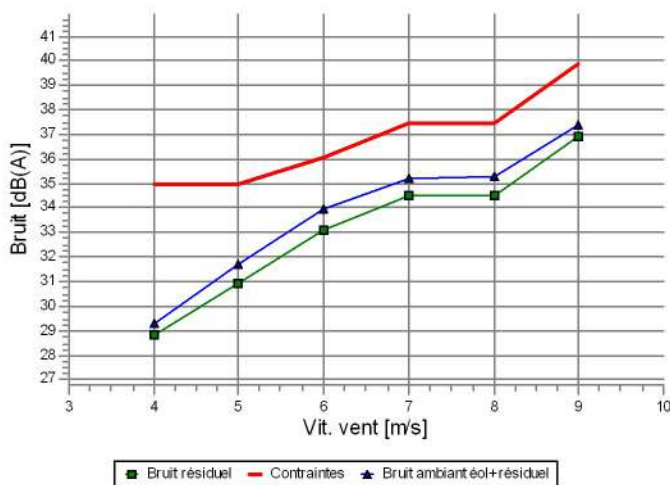
DECIBEL - Analyse des résultats

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
 G PF2 nocturne SO



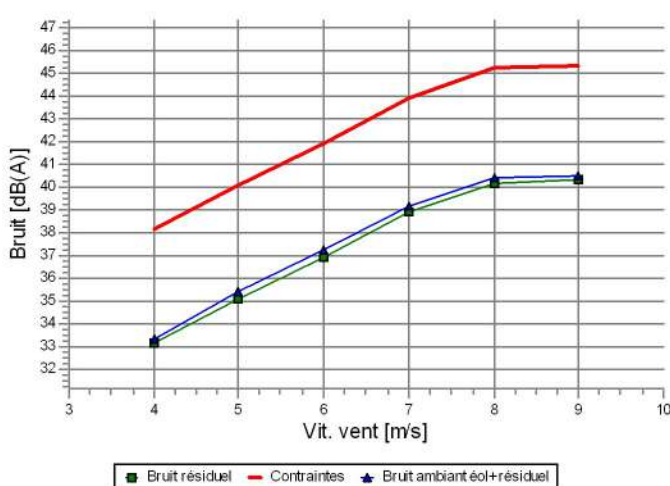
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	29,0	3,0	19,7	29,5	0,5	Oui
5,0	31,4	3,0	23,8	32,1	0,7	Oui
6,0	33,2	3,0	26,7	34,1	0,9	Oui
7,0	34,0	3,0	27,2	34,8	0,8	Oui
8,0	34,9	3,0	27,3	35,6	0,7	Oui
9,0	36,9	3,0	27,3	37,4	0,5	Oui

H PF2 nocturne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	28,8	3,0	19,7	29,3	0,5	Oui
5,0	30,9	3,0	23,8	31,7	0,8	Oui
6,0	33,1	3,0	26,7	34,0	0,9	Oui
7,0	34,5	3,0	27,2	35,2	0,7	Oui
8,0	34,5	3,0	27,3	35,3	0,8	Oui
9,0	36,9	3,0	27,3	37,4	0,5	Oui

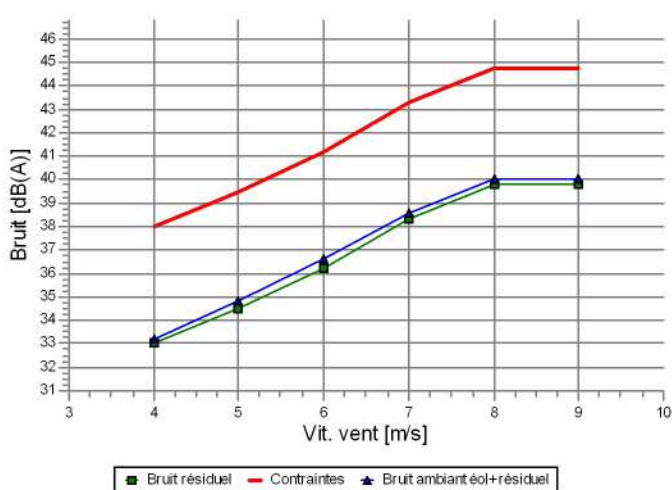
I PF3 diurne SO



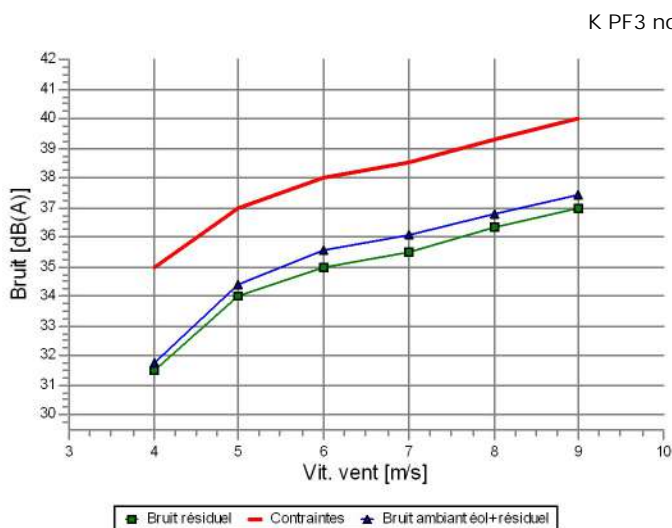
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,2	5,0	19,6	33,4	0,2	Oui
5,0	35,1	5,0	23,7	35,4	0,3	Oui
6,0	36,9	5,0	26,5	37,3	0,4	Oui
7,0	38,9	5,0	26,8	39,2	0,3	Oui
8,0	40,2	5,0	26,9	40,4	0,2	Oui
9,0	40,3	5,0	26,9	40,5	0,2	Oui

DECIBEL - Analyse des résultats

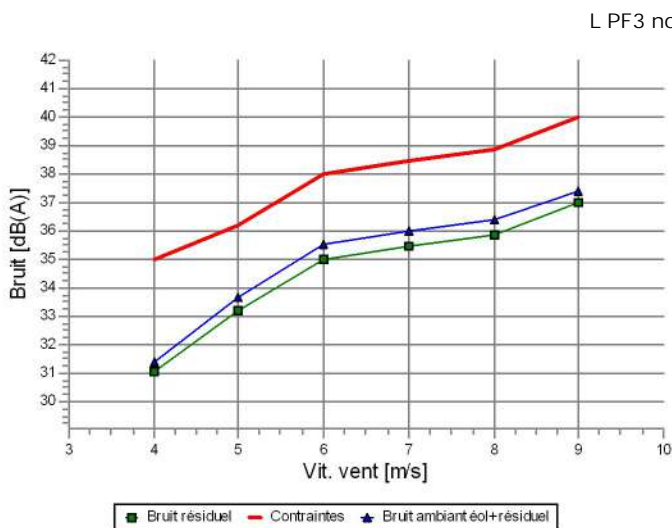
Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
J PF3 diurne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,0	5,0	19,6	33,2	0,2	Oui
5,0	34,5	5,0	23,7	34,9	0,4	Oui
6,0	36,2	5,0	26,5	36,6	0,4	Oui
7,0	38,3	5,0	26,8	38,6	0,3	Oui
8,0	39,8	5,0	26,9	40,0	0,2	Oui
9,0	39,8	5,0	26,9	40,0	0,2	Oui



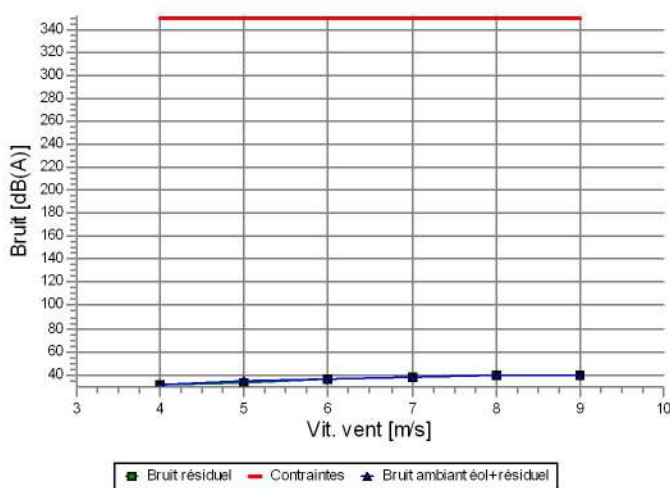
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	31,5	3,0	19,6	31,8	0,3	Oui
5,0	34,0	3,0	23,7	34,4	0,4	Oui
6,0	35,0	3,0	26,5	35,6	0,6	Oui
7,0	35,5	3,0	26,8	36,0	0,5	Oui
8,0	36,3	3,0	26,9	36,8	0,5	Oui
9,0	37,0	3,0	26,9	37,4	0,4	Oui



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	31,1	3,0	19,6	31,4	0,3	Oui
5,0	33,2	3,0	23,7	33,7	0,5	Oui
6,0	35,0	3,0	26,5	35,6	0,6	Oui
7,0	35,5	3,0	26,8	36,0	0,5	Oui
8,0	35,9	3,0	26,9	36,4	0,5	Oui
9,0	37,0	3,0	26,9	37,4	0,4	Oui

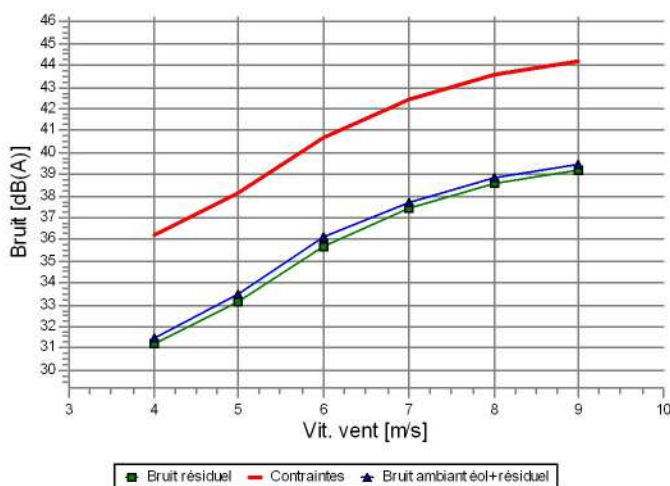
DECIBEL - Analyse des résultats

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
M PF4 diurne SO



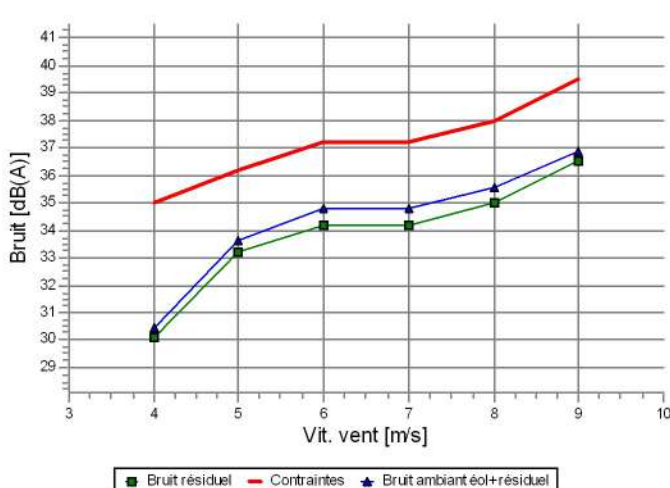
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	31,3	5,0	19,2	31,6	0,3	Oui
5,0	33,2	5,0	23,2	33,6	0,4	Oui
6,0	35,8	5,0	25,9	36,2	0,4	Oui
7,0	37,4	5,0	26,2	37,7	0,3	Oui
8,0	38,6	5,0	26,4	38,9	0,3	Oui
9,0	39,2	5,0	26,4	39,4	0,2	Oui

N PF4 diurne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	31,1	5,0	19,2	31,5	0,3	Oui
5,0	33,1	5,0	23,2	33,5	0,4	Oui
6,0	35,7	5,0	25,9	36,1	0,4	Oui
7,0	37,4	5,0	26,2	37,7	0,3	Oui
8,0	38,6	5,0	26,4	38,9	0,3	Oui
9,0	39,2	5,0	26,4	39,4	0,2	Oui

O PF4 nocturne SO

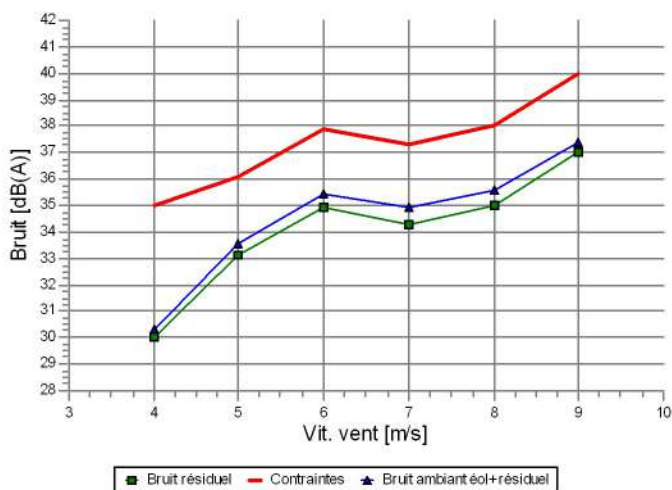


Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	30,1	3,0	19,2	30,4	0,3	Oui
5,0	33,2	3,0	23,2	33,6	0,4	Oui
6,0	34,2	3,0	25,9	34,8	0,6	Oui
7,0	34,2	3,0	26,2	34,8	0,6	Oui
8,0	35,0	3,0	26,4	35,6	0,6	Oui
9,0	36,5	3,0	26,4	36,9	0,4	Oui

DECIBEL - Analyse des résultats

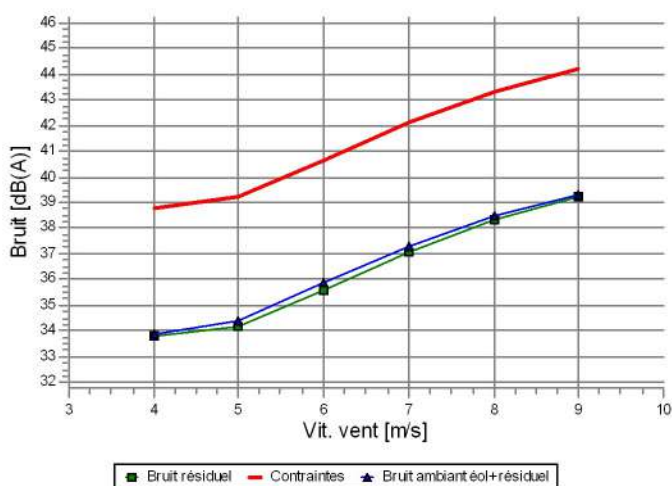
Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

P PF4 nocturne NE



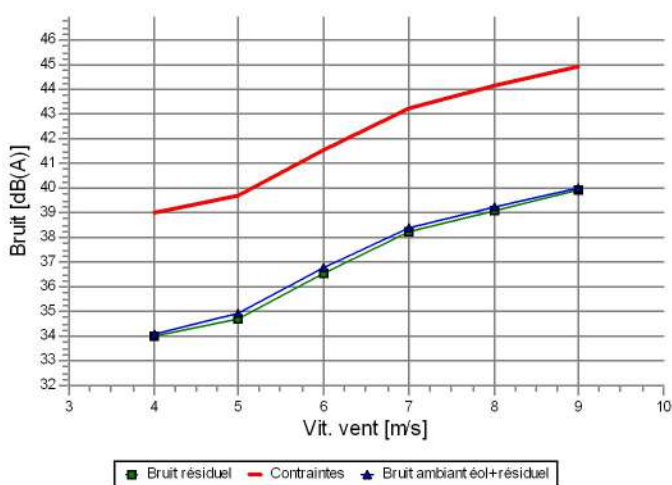
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore éoliennes	Bruit éolien + résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	30,0	3,0	19,2	30,3	0,3	Oui
5,0	33,1	3,0	23,2	33,5	0,4	Oui
6,0	34,9	3,0	25,9	35,4	0,5	Oui
7,0	34,3	3,0	26,2	34,9	0,6	Oui
8,0	35,0	3,0	26,4	35,6	0,6	Oui
9,0	37,0	3,0	26,4	37,4	0,4	Oui

Q PF5 diurne SO



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore éoliennes	Bruit éolien + résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,8	5,0	16,9	33,9	0,1	Oui
5,0	34,2	5,0	21,0	34,4	0,2	Oui
6,0	35,6	5,0	23,7	35,9	0,3	Oui
7,0	37,1	5,0	24,0	37,3	0,2	Oui
8,0	38,3	5,0	24,2	38,5	0,2	Oui
9,0	39,2	5,0	24,2	39,3	0,1	Oui

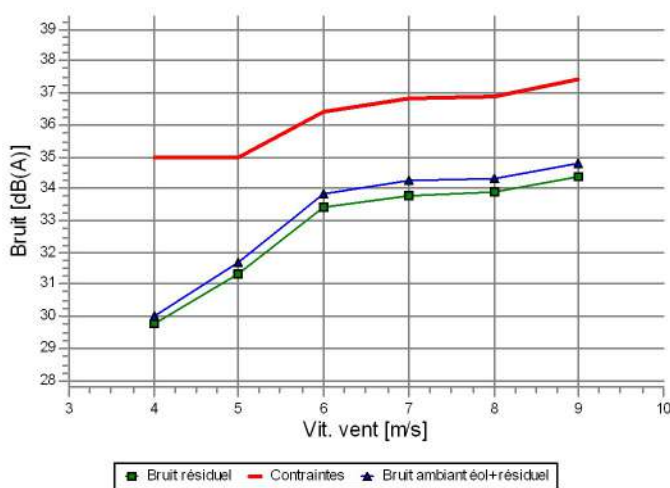
R PF5 diurne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore éoliennes	Bruit éolien + résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	34,0	5,0	16,9	34,1	0,1	Oui
5,0	34,7	5,0	21,0	34,9	0,2	Oui
6,0	36,5	5,0	23,7	36,7	0,2	Oui
7,0	38,2	5,0	24,0	38,4	0,2	Oui
8,0	39,1	5,0	24,2	39,2	0,1	Oui
9,0	39,9	5,0	24,2	40,0	0,1	Oui

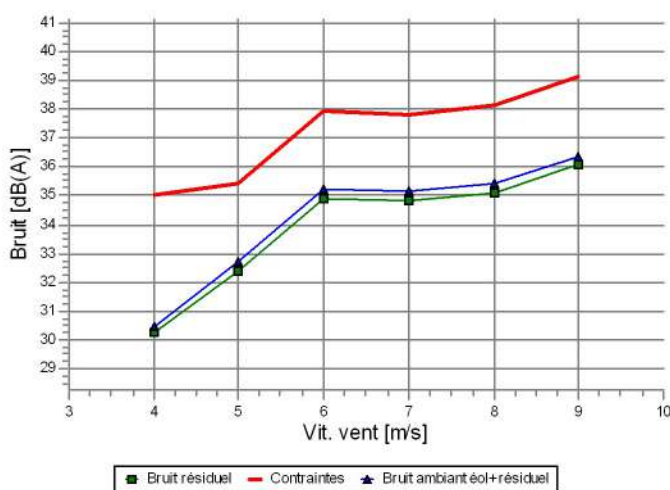
DECIBEL - Analyse des résultats

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
S PF5 nocturne SO



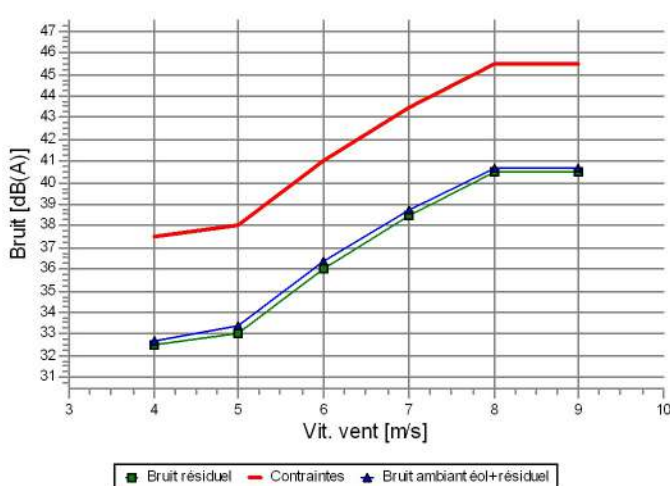
Vit. vent	Bruit résiduel [dB(A)]	Contraintes Emergence max. permise [dB(A)]	Niveau sonore éoliennes [dB(A)]	Bruit ambiant éol + résiduel [dB(A)]	Résultats Emergence [dB(A)]	Contrainte respectée ?
4,0	29,8	3,0	16,9	30,0	0,2	Oui
5,0	31,3	3,0	21,0	31,7	0,4	Oui
6,0	33,4	3,0	23,7	33,8	0,4	Oui
7,0	33,8	3,0	24,0	34,2	0,4	Oui
8,0	33,9	3,0	24,2	34,3	0,4	Oui
9,0	34,4	3,0	24,2	34,8	0,4	Oui

T PF5 nocturne NE



Vit. vent	Bruit résiduel [dB(A)]	Contraintes Emergence max. permise [dB(A)]	Niveau sonore éoliennes [dB(A)]	Bruit ambiant éol + résiduel [dB(A)]	Résultats Emergence [dB(A)]	Contrainte respectée ?
4,0	30,3	3,0	16,9	30,5	0,2	Oui
5,0	32,4	3,0	21,0	32,7	0,3	Oui
6,0	34,9	3,0	23,7	35,2	0,3	Oui
7,0	34,8	3,0	24,0	35,1	0,3	Oui
8,0	35,1	3,0	24,2	35,4	0,3	Oui
9,0	36,1	3,0	24,2	36,4	0,3	Oui

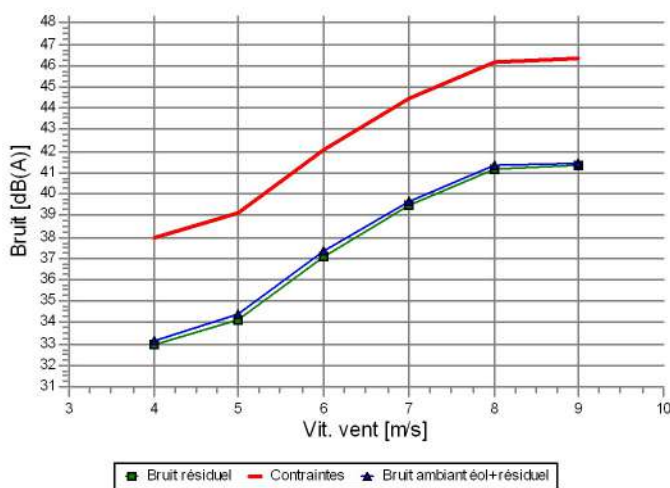
U PF6 diurne SO



Vit. vent	Bruit résiduel [dB(A)]	Contraintes Emergence max. permise [dB(A)]	Niveau sonore éoliennes [dB(A)]	Bruit ambiant éol + résiduel [dB(A)]	Résultats Emergence [dB(A)]	Contrainte respectée ?
4,0	32,5	5,0	18,3	32,7	0,2	Oui
5,0	33,0	5,0	22,4	33,4	0,4	Oui
6,0	36,0	5,0	25,1	36,3	0,3	Oui
7,0	38,5	5,0	25,3	38,7	0,2	Oui
8,0	40,5	5,0	25,5	40,6	0,1	Oui
9,0	40,5	5,0	25,5	40,6	0,1	Oui

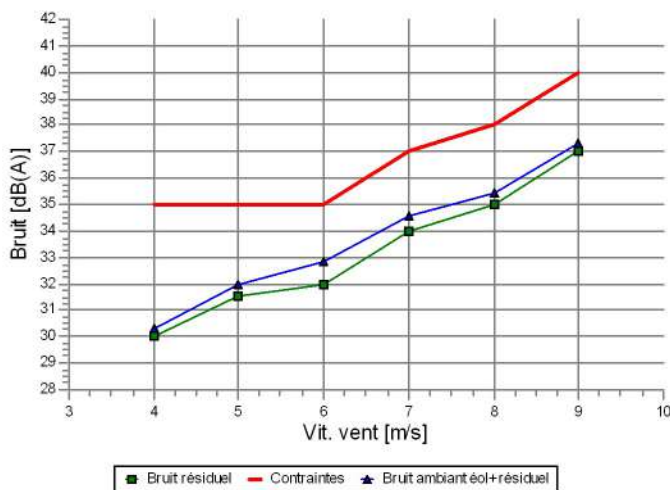
DECIBEL - Analyse des résultats

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
V PF6 diurne NE



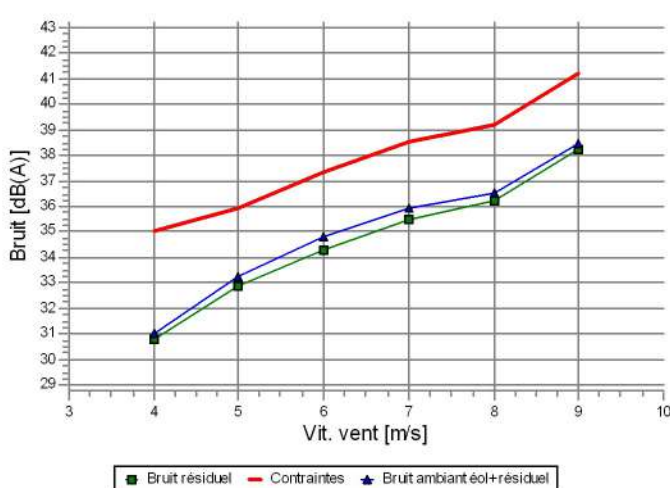
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,0	5,0	18,3	33,1	0,1	Oui
5,0	34,1	5,0	22,4	34,4	0,3	Oui
6,0	37,1	5,0	25,1	37,4	0,3	Oui
7,0	39,5	5,0	25,3	39,7	0,2	Oui
8,0	41,2	5,0	25,5	41,3	0,1	Oui
9,0	41,3	5,0	25,5	41,4	0,1	Oui

W PF6 nocturne SO



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	30,0	3,0	18,3	30,3	0,3	Oui
5,0	31,5	3,0	22,4	32,0	0,5	Oui
6,0	32,0	3,0	25,1	32,8	0,8	Oui
7,0	34,0	3,0	25,3	34,5	0,5	Oui
8,0	35,0	3,0	25,5	35,5	0,5	Oui
9,0	37,0	3,0	25,5	37,3	0,3	Oui

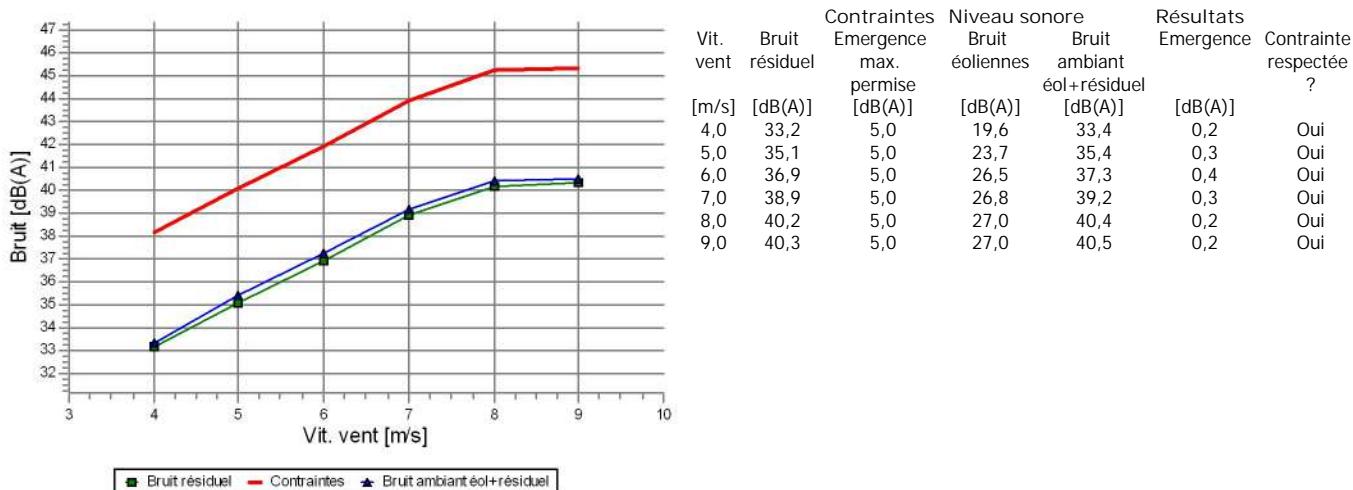
X PF6 nocturne NE



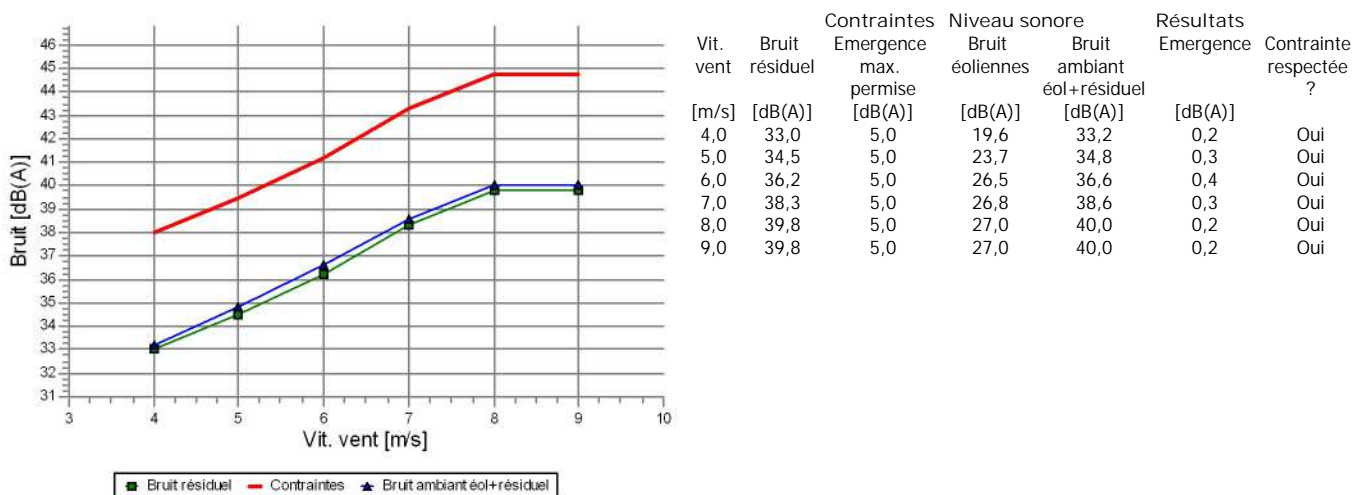
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	30,8	3,0	18,3	31,0	0,2	Oui
5,0	32,9	3,0	22,4	33,3	0,4	Oui
6,0	34,3	3,0	25,1	34,8	0,5	Oui
7,0	35,5	3,0	25,3	35,9	0,4	Oui
8,0	36,2	3,0	25,5	36,6	0,4	Oui
9,0	38,2	3,0	25,5	38,4	0,2	Oui

DECIBEL - Analyse des résultats

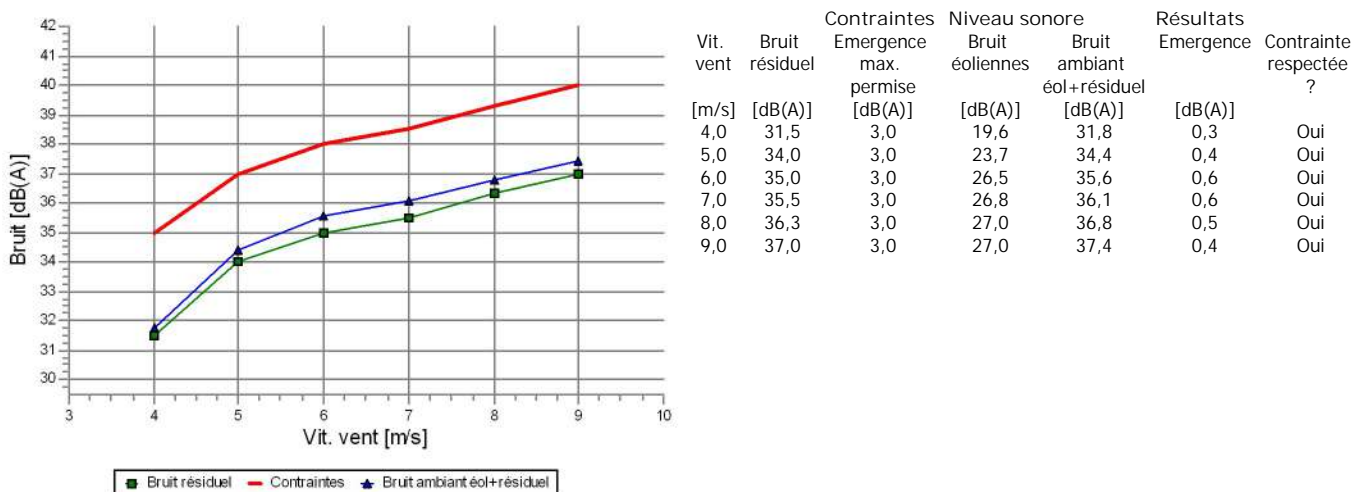
Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
Y PF7 diurne SO



Z PF7 diurne NE

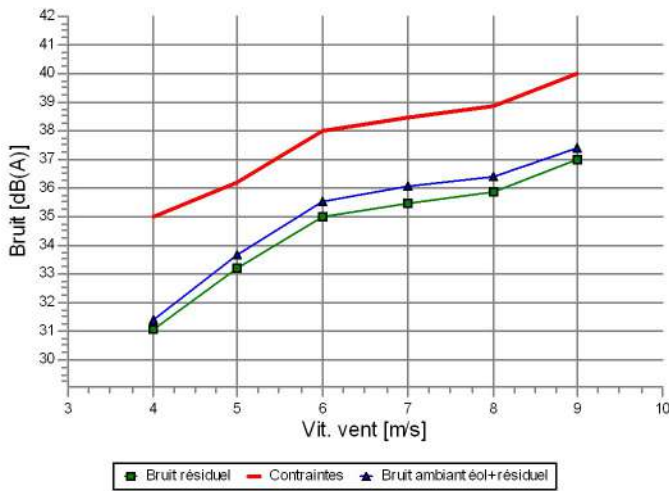


AA PF7 nocturne SO



DECIBEL - Analyse des résultats

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME" Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
 AB PF7 nocturne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	31,1	3,0	19,6	31,4	0,3	Oui
5,0	33,2	3,0	23,7	33,7	0,5	Oui
6,0	35,0	3,0	26,5	35,6	0,6	Oui
7,0	35,5	3,0	26,8	36,1	0,6	Oui
8,0	35,9	3,0	27,0	36,4	0,5	Oui
9,0	37,0	3,0	27,0	37,4	0,4	Oui

DECIBEL - Hypothèses de calcul

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"

Modèle utilisé pour les calculs de bruit:

ISO 9613-2 France 2006

Vit. vent (à 10m de hauteur):

4,0 m/s - 9,0 m/s, par pas de 1,0 m/s

Atténuation du sol:

Générale, dureté uniforme, Dureté sol: 0,7

Coefficient météorologique, CO:

0,0 dB

Type de contrainte utilisée pour le calcul:

2 : L'émergence due aux éol. est comparée à l'émergence réglementaire (FR etc.)

Expression des niveaux de bruit utilisées dans les calculs:

Toutes les valeurs sont des niveaux moy. Lwa (distri. normale)

Prise en compte des tons isolés:

En augmentant la contrainte par la pénalité pour tons isolés

Bibliothèque d'éoliennes

Hauteur en l'absence de valeur dans l'objet Zone-bruit-réglementé:

1,5 m; Interdire de substituer la hauteur définie dans le modèle par celle de l'objet Zone-bruit-réglementé

Marge liée à l'incertitude (ajoutée au résultat principal):

0,0 dB; Marge liée à l'incertitude des objets Zone-bruit-réglementée en priorité

Modification de la contrainte réglementaire : plus restrictive si < 0, moins restrictive si > 0.:

0,0 dB(A)

Bandes d'octave requises

Absorption atmosphérique variable en fonction de la fréquence

	63	125	250	500	1.000	2.000	4.000	8.000
[dB/km]	0,10	0,40	1,00	1,90	3,70	9,70	32,80	117,00

Eoliennes: VESTAS V100-2.0 2000 100.0 !O!

Bruit: Level 0 - Mode 0 - - 07-2013

Source Date source Etabli par Modifié(e) le
 Manufacturer 12.07.2013 EMD 19.08.2013 13:48
 Based on Document no.: 0035-8703 V02 2013-07-12.

Type de valeur	Hauteur [m]	Vit. vent [m/s]	Lwa.ref [dB(A)]	Tons isolés		Bandes d'octave							
						63 [dB]	125 [dB]	250 [dB]	500 [dB]	1000 [dB]	2000 [dB]	4000 [dB]	8000 [dB]
De la bibliothèque	95,0	4,0	96,6	Non	Données génériques	78,2	85,2	88,6	91,2	91,0	88,1	83,3	73,8
De la bibliothèque	95,0	5,0	100,8	Non	Données génériques	82,4	89,4	92,8	95,4	95,2	92,3	87,5	78,0
De la bibliothèque	95,0	6,0	104,0	Non	Données génériques	85,6	92,6	96,0	98,6	98,4	95,5	90,7	81,2
De la bibliothèque	95,0	7,0	105,0	Non	Données génériques	86,6	93,6	97,0	99,6	99,4	96,5	91,7	82,2
De la bibliothèque	95,0	8,0	105,0	Non	Données génériques	86,6	93,6	97,0	99,6	99,4	96,5	91,7	82,2
De la bibliothèque	95,0	9,0	105,0	Non	Données génériques	86,6	93,6	97,0	99,6	99,4	96,5	91,7	82,2

Eoliennes: VESTAS V110-2.0 2000 110.0 !O!

Bruit: Level 0 - - Mode 0 - 12-2013

Source Date source Etabli par Modifié(e) le
 Manufacturer 06.12.2013 EMD 11.06.2014 14:38
 Based on Document no.: 0035-9278 V04.

Type de valeur	Hauteur [m]	Vit. vent [m/s]	Lwa.ref [dB(A)]	Tons isolés		Bandes d'octave							
						63 [dB]	125 [dB]	250 [dB]	500 [dB]	1000 [dB]	2000 [dB]	4000 [dB]	8000 [dB]
De la bibliothèque	95,0	4,0	100,3	Non	Données génériques	81,9	88,9	92,3	94,9	94,7	91,8	87,0	77,5
De la bibliothèque	95,0	5,0	104,4	Non	Données génériques	86,0	93,0	96,4	99,0	98,8	95,9	91,1	81,6
De la bibliothèque	95,0	6,0	107,1	Non	Données génériques	88,7	95,7	99,1	101,7	101,5	98,6	93,8	84,3
De la bibliothèque	95,0	7,0	107,3	Non	Données génériques	88,9	95,9	99,3	101,9	101,7	98,8	94,0	84,5
De la bibliothèque	95,0	8,0	107,5	Non	Données génériques	89,1	96,1	99,5	102,1	101,9	99,0	94,2	84,7
De la bibliothèque	95,0	9,0	107,5	Non	Données génériques	89,1	96,1	99,5	102,1	101,9	99,0	94,2	84,7

Zone-bruit-réglementé: A PF1 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

DECIBEL - Hypothèses de calcul

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
32,5 dB(A) 34,9 dB(A) 37,8 dB(A) 38,9 dB(A) 40,0 dB(A) 41,1 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglé: B PF1 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
32,5 dB(A) 35,5 dB(A) 37,8 dB(A) 38,9 dB(A) 40,0 dB(A) 41,1 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglé: C PF1 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
31,1 dB(A) 34,4 dB(A) 35,0 dB(A) 34,9 dB(A) 36,5 dB(A) 37,4 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglé: D PF1 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
31,4 dB(A) 35,0 dB(A) 34,9 dB(A) 34,9 dB(A) 36,4 dB(A) 37,5 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglé: E PF2 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,0 dB(A) 34,6 dB(A) 36,6 dB(A) 39,3 dB(A) 40,4 dB(A) 41,0 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglé: F PF2 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

DECIBEL - Hypothèses de calcul

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
32,9 dB(A) 34,4 dB(A) 36,4 dB(A) 39,2 dB(A) 40,4 dB(A) 40,9 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglémenté: G PF2 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
29,0 dB(A) 31,4 dB(A) 33,2 dB(A) 34,0 dB(A) 34,9 dB(A) 36,9 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglémenté: H PF2 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
28,8 dB(A) 30,9 dB(A) 33,1 dB(A) 34,5 dB(A) 34,5 dB(A) 36,9 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglémenté: I PF3 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,2 dB(A) 35,1 dB(A) 36,9 dB(A) 38,9 dB(A) 40,2 dB(A) 40,3 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglémenté: J PF3 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,0 dB(A) 34,5 dB(A) 36,2 dB(A) 38,3 dB(A) 39,8 dB(A) 39,8 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglémenté: K PF3 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

DECIBEL - Hypothèses de calcul

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
31,1 dB(A) 33,2 dB(A) 35,0 dB(A) 35,5 dB(A) 35,9 dB(A) 37,0 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: L PF3 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
31,1 dB(A) 33,2 dB(A) 35,0 dB(A) 35,5 dB(A) 35,9 dB(A) 37,0 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: M PF4 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
31,3 dB(A) 33,2 dB(A) 35,8 dB(A) 37,4 dB(A) 38,6 dB(A) 39,2 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: N PF4 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
31,2 dB(A) 33,1 dB(A) 35,7 dB(A) 37,4 dB(A) 38,6 dB(A) 39,2 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: O PF4 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
30,1 dB(A) 33,2 dB(A) 34,2 dB(A) 34,2 dB(A) 35,0 dB(A) 36,5 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: P PF4 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

DECIBEL - Hypothèses de calcul

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
30,0 dB(A) 33,1 dB(A) 34,9 dB(A) 34,3 dB(A) 35,0 dB(A) 37,0 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: Q PF5 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,8 dB(A) 34,2 dB(A) 35,6 dB(A) 37,1 dB(A) 38,3 dB(A) 39,2 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: R PF5 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
34,0 dB(A) 34,7 dB(A) 36,5 dB(A) 38,2 dB(A) 39,1 dB(A) 39,9 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: S PF5 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
29,8 dB(A) 31,3 dB(A) 33,4 dB(A) 33,8 dB(A) 33,9 dB(A) 34,4 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: T PF5 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
30,3 dB(A) 32,4 dB(A) 34,9 dB(A) 34,8 dB(A) 35,1 dB(A) 36,1 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: U PF6 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

DECIBEL - Hypothèses de calcul

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,0 dB(A) 34,1 dB(A) 37,1 dB(A) 39,5 dB(A) 41,2 dB(A) 41,3 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: V PF6 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,0 dB(A) 34,1 dB(A) 37,1 dB(A) 39,5 dB(A) 41,2 dB(A) 41,3 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: W PF6 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
30,0 dB(A) 31,5 dB(A) 32,0 dB(A) 34,0 dB(A) 35,0 dB(A) 37,0 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: X PF6 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
30,8 dB(A) 32,9 dB(A) 34,3 dB(A) 35,5 dB(A) 36,2 dB(A) 38,2 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: Y PF7 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,2 dB(A) 35,1 dB(A) 36,9 dB(A) 38,9 dB(A) 40,2 dB(A) 40,3 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: Z PF7 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

DECIBEL - Hypothèses de calcul

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,0 dB(A) 34,5 dB(A) 36,2 dB(A) 38,3 dB(A) 39,8 dB(A) 39,8 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste \leq à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglémenté: AA PF7 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
31,5 dB(A) 34,0 dB(A) 35,0 dB(A) 35,5 dB(A) 36,3 dB(A) 37,0 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste \leq à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglémenté: AB PF7 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
31,1 dB(A) 33,2 dB(A) 35,0 dB(A) 35,5 dB(A) 35,9 dB(A) 37,0 dB(A)

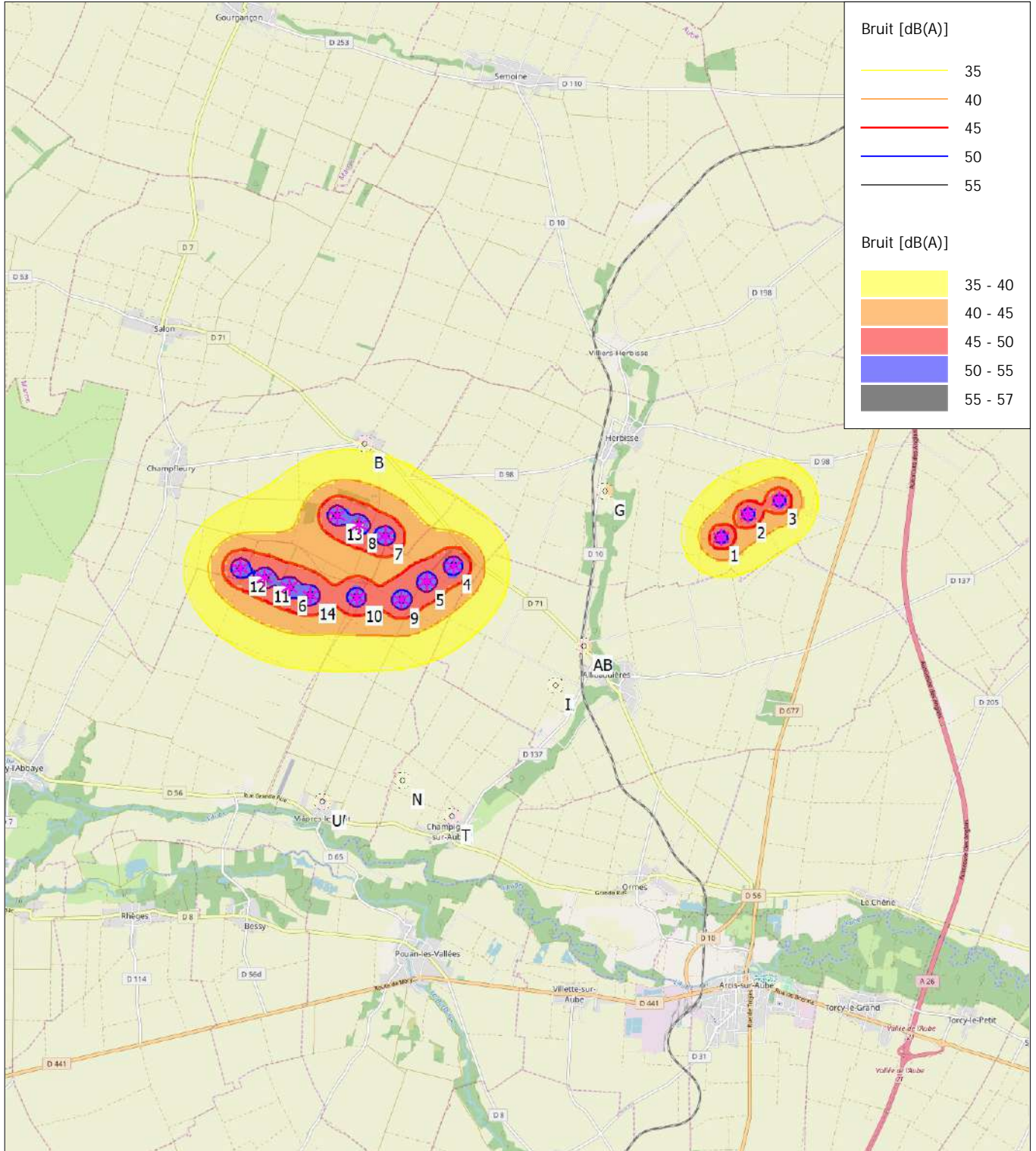
Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste \leq à: 35,0 dB(A)

Pas de contrainte de distance

DECIBEL - Carte 8,0 m/s

Calcul: 2 - Calcul état initial avec "PLAN FLEURY" et "COTE NOTRE DAME"



0 1 2 3 4 km
 Carte: EMD OpenStreetMap , Echelle à l'impression 1:100.000, Centre de la carte French Lambert93-RGF93 (FR) Est: 780.049 Nord: 6.833.762
 * Eolienne-existante Zone-bruit-réglémenté
 Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006. Vit. vent: 8,0 m/s
 Altitude à partir de l'objet Données-lignes actif

-2-

DONNEES SONORES DE L'EOLIENNE

E-160 EP5 E2

et

E-138 EP2

FOURNIES PAR LE CONSTRUCTEUR ENERCON

Technical data sheet

Power-optimised sound modes

ENERCON E-160 EP5 E2 / 5500 kW wind energy converter
with TES (Trailing Edge Serrations)

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Applicable documents

The titles of the documents listed are the titles of the original language versions, with translations of these titles in brackets where applicable. The titles of superordinate standards and guidelines are indicated in the original language or as an English translation. Document IDs always refer to the original language versions. If the document ID does not contain a revision, the most recent revision of the document applies. This list contains documents concerning optional components if necessary.

Document-ID	Titel
DIN 45645-1:1996	Ermittlung von Beurteilungspegeln aus Messungen - Teil 1: Geräuschimmissionen in der Nachbarschaft (Determination of rating levels from measurement data – Part 1: Noise immission in the neighbourhood)
DIN 45681:2005	Akustik - Bestimmung der Tonhaltigkeit von Geräuschen und Ermittlung eines Tonzuschlages für die Beurteilung von Geräuschimmissionen (Acoustics – Determination of tonal components of noise and determination of a tone adjustment for the assessment of noise immissions)
IEC 61400-11:2012	Wind turbines - Part 11: Acoustic noise measurement techniques
IEC 61400-12-1:2017	Wind energy generation systems - Part 12-1: Power performance measurements of electricity producing wind turbines
TR 1:2008	Technische Richtlinien für Windenergieanlagen Teil 1: Bestimmung der Schallemissionswerte (Technical regulations for wind energy converters - Part 1: Determination of noise emission values)
DIN EN ISO 266:1997	Akustik Normfrequenzen (Acoustics standard frequencies)
-	Power Performance Warranty for ENERCON Wind Energy Converters

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List of abbreviations

Abbreviations

HH	Hub height
MST	Modular steel tower

Variables, units, formulas

L_o	Octave band level
L_T	One-third octave band level
v_H	Wind speed at hub height
v_s	Standardised wind speed
σ_P	Serial product variation
σ_R	Uncertainty in measurement

1 Power Performance

The power values, power coefficients (c_p values) and thrust coefficients (c_t values) given in this document are predicted values. Based on the current development status of this wind energy converter type, ENERCON considers it sufficiently likely that these values will be reached. The power performance of the wind energy converter is only guaranteed under the conditions described in the document ‘Power Performance Warranty for ENERCON Wind Energy Converters’.

1.1 Site

The power, c_p and c_t curves listed in this document have been calculated for the conditions described in tab. 1, p. 8 with an undamaged leading edge and clean rotor blades. The calculations are based on experience with wind energy converters in a wide variety of locations. The availability of a power-optimised sound mode is dependent on the tower type chosen and requires project-specific approval by WRD Wobben Research and Development GmbH.

Tab. 1: Site conditions

Parameter	Value (10-minute mean)
Standard air density	1.225 kg/m ³
Turbulence intensity	According to ch. 1.3, p. 9
Wind shear exponent	0.0 to 0.3
Maximum difference of wind direction between upper and lower blade tip	10°
Maximum flow inclination	±2°
Terrain	According to IEC 61400-12-1:2017
Snow/ice	No
Rain	No

Otherwise, the framework conditions according to IEC 61400-12-1:2017.

1.2 Operating parameters

The settings of the wind energy converter’s reactive power generation and wind farm open-loop and closed-loop control systems influence the power performance. The calculated power, c_p and c_t curves listed in this document apply only to operation without limitations.

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1.3 Turbulence intensity

The table below defines the validity range of the power, c_p and c_t characteristic curves in relation to the degrees of turbulence intensity that may prevail on site. See the tab. 1, p. 8 for further restrictions.

Tab. 2: Turbulence intensity

Wind speed in m/s	Lower limit of turbulence intensity in %	Upper limit of turbulence intensity in %
0.00	20.00	40.00
0.50	20.00	40.00
1.00	20.00	40.00
1.50	20.00	40.00
2.00	20.00	40.00
2.50	20.00	40.00
3.00	18.32	34.02
3.50	16.45	30.55
4.00	15.05	27.95
4.50	13.96	25.93
5.00	13.09	24.31
5.50	12.38	22.99
6.00	11.78	21.88
6.50	11.28	20.95
7.00	10.85	20.15
7.50	10.48	19.46
8.00	10.15	18.85
8.50	9.86	18.31
9.00	9.61	17.84
9.50	9.38	17.41
10.00	9.17	17.03
10.50	8.98	16.68
11.00	8.81	16.37
11.50	8.66	16.08
12.00	8.52	15.82
12.50	8.39	15.57
13.00	8.27	15.35
13.50	8.15	15.14
14.00	8.05	14.95
14.50	7.95	14.77
15.00	7.86	14.60

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Wind speed in m/s	Lower limit of turbulence intensity in %	Upper limit of turbulence intensity in %
15.50	7.78	14.45
16.00	7.70	14.30
16.50	7.63	14.16
17.00	7.56	14.03
17.50	7.49	13.91
18.00	7.43	13.79
18.50	7.37	13.69
19.00	7.31	13.58
19.50	7.26	13.48
20.00	7.21	13.39
20.50	7.16	13.30
21.00	7.12	13.22
21.50	7.07	13.14
22.00	7.03	13.06

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2 Sound power level

Allocation of the sound power levels to the standardised wind speed (v_s) at a height of 10 m is valid only if based on a logarithmic wind shear law with a roughness length of 0.05 m. Allocation of the sound power levels to the wind speed at hub height (v_H) is valid for all hub heights (HH). During measurements, the wind speed is determined based on the power output and the power curve.

The maximum tonal noise KTN across the entire power range is 1 dB (applies to close range acc. to TR 1:2008 of the Federation of German Windpower and DIN 45681:2005) or $\Delta L_{a,k} < 2$ dB (applies to close range acc. to IEC 61400-11:2012).

The impulse noise KIN across the entire power range is 0 dB (applies to close range acc. to TR 1:2008 and DIN 45645-1:1996).

Due to uncertainty in acoustic measurements (σ_R) and serial product variation (σ_P), the sound power level values indicated in this document are subject to an uncertainty of $\sigma_R = 0.5$ dB(A) and $\sigma_P = 1.2$ dB(A). Standards are TR 1:2008 and IEC 61400-11:2012. If, during measurement, the difference between total noise and extraneous noise is less than 6 dB(A), a greater uncertainty should be assumed.

This data sheet does not constitute a project-specific and/or site-specific warranty of compliance with sound power levels.

2.1 Octave band level

The specified octave band levels of the loudest condition of the tower have been simulated from the one-third octave band level values defined in the frequency bands of DIN EN ISO 266:1997. An octave band level L_O is calculated from 3 one-third octave band levels L_{T1} , L_{T2} and L_{T3} according to the following formula:

$$L_O = 10 \times \log\left(10^{\frac{L_{T1}}{10}} + 10^{\frac{L_{T2}}{10}} + 10^{\frac{L_{T3}}{10}}\right)$$

The individual octave band level values cannot be guaranteed. Only the cumulative level of all octave band levels for each wind speed, which corresponds to the sound power level at that particular wind speed, is a guaranteed quantity.

3 Operating mode 106.0 dB

3.1 Calculated power, c_p and c_t values – operating mode 106.0 dB

Tab. 3: Calculated power, c_p and c_t values for E-160 EP5 E2 / 5500 kW – operating mode 106.0 dB

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	0	0.00	0.00
2.00	0	0.00	0.00
2.50	43	0.22	0.93
3.00	106	0.32	0.86
3.50	202	0.38	0.85
4.00	332	0.42	0.84
4.50	498	0.45	0.84
5.00	704	0.46	0.84
5.50	955	0.47	0.83
6.00	1253	0.47	0.83
6.50	1599	0.47	0.82
7.00	1988	0.47	0.80
7.50	2406	0.46	0.77
8.00	2834	0.45	0.73
8.50	3252	0.43	0.67
9.00	3646	0.41	0.62
9.50	4009	0.38	0.56
10.00	4335	0.35	0.51
10.50	4618	0.32	0.46
11.00	4848	0.30	0.41
11.50	5025	0.27	0.37
12.00	5149	0.24	0.33
12.50	5231	0.22	0.30
13.00	5280	0.20	0.26
13.50	5284	0.17	0.24
14.00	5284	0.16	0.21
14.50	5284	0.14	0.19

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Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.00	5284	0.13	0.17
15.50	5284	0.12	0.15
16.00	5284	0.11	0.14
16.50	5284	0.10	0.13
17.00	5284	0.09	0.12
17.50	5284	0.08	0.11
18.00	5284	0.07	0.10
18.50	5284	0.07	0.09
19.00	5284	0.06	0.09
19.50	5284	0.06	0.08
20.00	5284	0.05	0.07
20.50	5284	0.05	0.07
21.00	5284	0.05	0.06
21.50	5284	0.04	0.06
22.00	5284	0.04	0.06

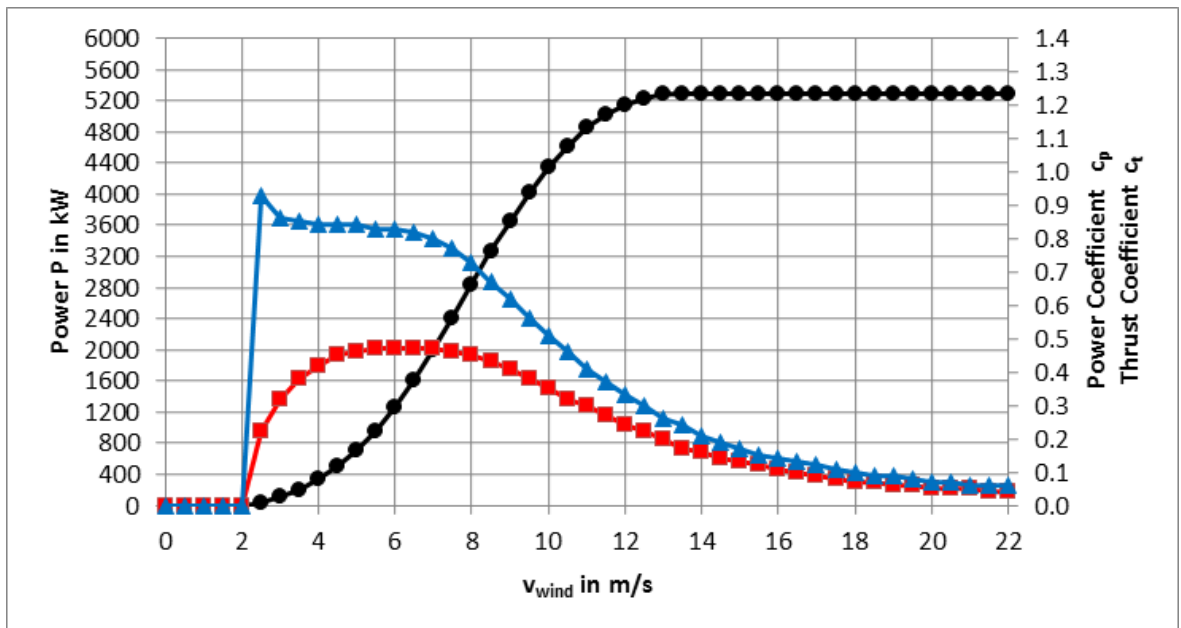


Fig. 1: Power, c_p and c_t curves for E-160 EP5 E2 / 5500 kW – operating mode 106.0 dB

◆◆◆	Power P in kW
▲▲▲	c_t value
■■	c_p value

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3.2 Calculated sound power levels – operating mode 106.0 dB

In operating mode 106.0 dB the wind energy converter operates in a power-optimised mode. The highest expected sound power level is 106.0 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 4: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	5284	kW
Nominal wind speed	13.0	m/s
Minimum operating speed	2.8	rpm
Speed setpoint	9.0	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 2, p. 11.

Tab. 5: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)		
	E-160 EP5 E2-MST-120-FB-C-01	E-160 EP5 E2-MST-140-FB-C-01	E-160 EP5 E2-MST-166-FB-C-01
3 m/s	94.0	94.5	95.0
3.5 m/s	97.9	98.3	98.7
4 m/s	100.7	101.2	101.6
4.5 m/s	103.2	103.6	104.1
5 m/s	105.4	105.8	105.8
5.5 m/s	105.9	106.0	106.0
6 m/s	106.0	106.0	106.0
6.5 m/s	106.0	106.0	106.0
7 m/s	106.0	106.0	106.0
7.5 m/s	106.0	106.0	106.0
8 m/s	106.0	106.0	106.0
8.5 m/s	106.0	106.0	106.0
9 m/s	106.0	106.0	106.0
9.5 m/s	106.0	106.0	106.0
10 m/s	106.0	106.0	106.0
10.5 m/s	106.0	106.0	106.0
11 m/s	106.0	106.0	106.0
11.5 m/s	106.0	106.0	106.0
12 m/s	106.0	106.0	106.0
95 % P_n	106.0	106.0	106.0

Subject to technical change without prior notice.

Tab. 6: Calculated sound power level in dB(A), based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	97.3
5.5 m/s	99.3
6 m/s	101.2
6.5 m/s	102.9
7 m/s	104.4
7.5 m/s	105.8
8 m/s	105.9
8.5 m/s	106.0
9 m/s	106.0
9.5 m/s	106.0
10 m/s	106.0
10.5 m/s	106.0
11 m/s	106.0
11.5 m/s	106.0
12 m/s	106.0
12.5 m/s	106.0
13 m/s	106.0
13.5 m/s	106.0
14 m/s	106.0
14.5 m/s	106.0
15 m/s	106.0

Subject to technical change without prior notice.

3.3 Octave band levels of the loudest condition

3.3.1 Octave band level HH

Tab. 7: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	74.3	86.0	91.6	94.2	97.8	100.5	101.5	95.6	78.3

3.3.2 Octave band level E-160 EP5 E2-MST-120-FB-C-01

Tab. 8: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6	74.3	86.0	91.6	94.2	97.7	100.6	101.6	95.6	78.3

3.3.3 Octave band level E-160 EP5 E2-MST-140-FB-C-01

Tab. 9: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5.5	74.4	86.1	91.7	94.2	97.8	100.6	101.5	95.1	76.7

3.3.4 Octave band level E-160 EP5 E2-MST-166-FB-C-01

Tab. 10: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5.5	74.7	86.4	91.9	94.5	98.0	100.6	101.4	94.6	74.7

Subject to technical change without prior notice.

4 Operating mode 105.2 dB

4.1 Calculated power, c_p and c_t values – operating mode 105.2 dB

Tab. 11: Calculated power, c_p and c_t values for E-160 EP5 E2 / 5500 kW – operating mode 105.2 dB

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	0	0.00	0.00
2.00	0	0.00	0.00
2.50	43	0.22	0.93
3.00	106	0.32	0.86
3.50	202	0.38	0.85
4.00	332	0.42	0.84
4.50	498	0.45	0.84
5.00	704	0.46	0.84
5.50	955	0.47	0.83
6.00	1252	0.47	0.83
6.50	1594	0.47	0.81
7.00	1973	0.47	0.79
7.50	2372	0.46	0.75
8.00	2770	0.44	0.70
8.50	3152	0.42	0.64
9.00	3508	0.39	0.58
9.50	3837	0.36	0.53
10.00	4136	0.34	0.48
10.50	4400	0.31	0.43
11.00	4623	0.28	0.39
11.50	4799	0.26	0.35
12.00	4929	0.23	0.32
12.50	5018	0.21	0.28
13.00	5073	0.19	0.25
13.50	5091	0.17	0.23
14.00	5091	0.15	0.20
14.50	5091	0.14	0.18

Subject to technical change without prior notice.

Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.00	5091	0.12	0.16
15.50	5091	0.11	0.15
16.00	5091	0.10	0.14
16.50	5091	0.09	0.12
17.00	5091	0.08	0.11
17.50	5091	0.08	0.10
18.00	5091	0.07	0.10
18.50	5091	0.07	0.09
19.00	5091	0.06	0.08
19.50	5091	0.06	0.08
20.00	5091	0.05	0.07
20.50	5091	0.05	0.07
21.00	5091	0.04	0.06
21.50	5091	0.04	0.06
22.00	5091	0.04	0.05

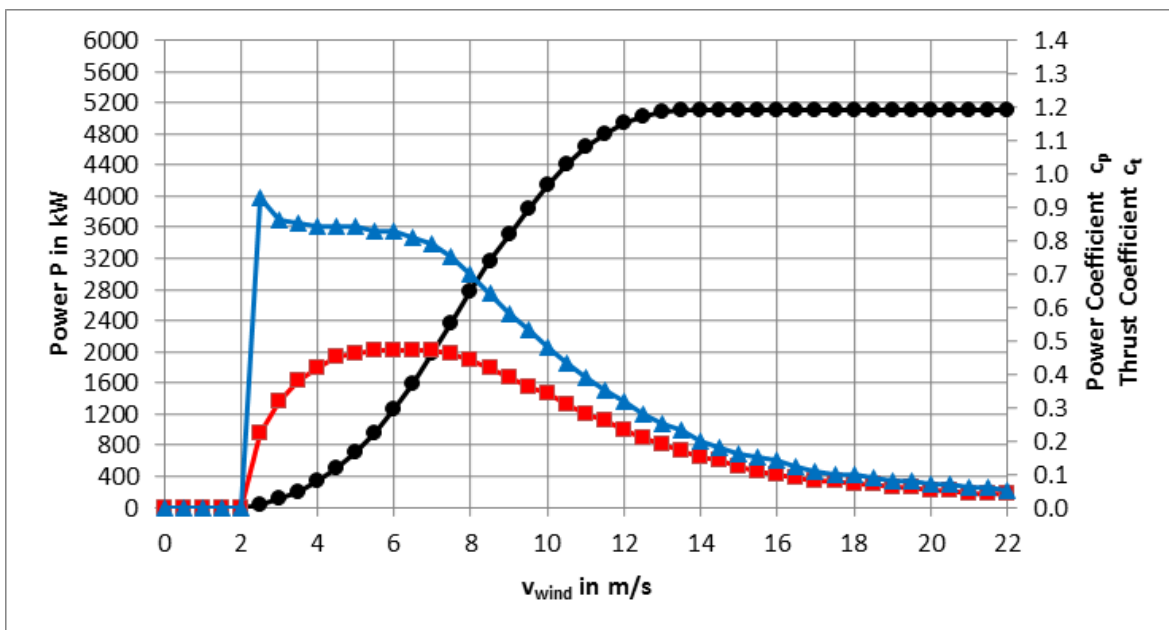


Fig. 2: Power, c_p and c_t curves for E-160 EP5 E2 / 5500 kW – operating mode 105.2 dB

	Power P in kW
	c_t value
	c_p value

Subject to technical change without prior notice.

4.2 Calculated sound power levels – operating mode 105.2 dB

In operating mode 105.2 dB the wind energy converter operates in a power-optimised mode. The highest expected sound power level is 105.2 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 12: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	5091	kW
Nominal wind speed	13.4	m/s
Minimum operating speed	2.8	rpm
Speed setpoint	8.7	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 2, p. 11.

Tab. 13: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)		
	E-160 EP5 E2-MST-120-FB-C-01	E-160 EP5 E2-MST-140-FB-C-01	E-160 EP5 E2-MST-166-FB-C-01
3 m/s	94.0	94.5	95.0
3.5 m/s	97.9	98.3	98.7
4 m/s	100.7	101.2	101.6
4.5 m/s	103.2	103.6	104.1
5 m/s	104.9	105.1	105.1
5.5 m/s	105.2	105.2	105.2
6 m/s	105.2	105.2	105.2
6.5 m/s	105.2	105.2	105.2
7 m/s	105.2	105.2	105.2
7.5 m/s	105.2	105.2	105.2
8 m/s	105.2	105.2	105.2
8.5 m/s	105.2	105.2	105.2
9 m/s	105.2	105.2	105.2
9.5 m/s	105.2	105.2	105.2
10 m/s	105.2	105.2	105.2
10.5 m/s	105.2	105.2	105.2
11 m/s	105.2	105.2	105.2
11.5 m/s	105.2	105.2	105.2
12 m/s	105.2	105.2	105.2
95 % P_n	105.2	105.2	105.2

Subject to technical change without prior notice.

Tab. 14: Calculated sound power level in dB(A), based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	97.3
5.5 m/s	99.3
6 m/s	101.2
6.5 m/s	102.9
7 m/s	104.4
7.5 m/s	105.1
8 m/s	105.2
8.5 m/s	105.2
9 m/s	105.2
9.5 m/s	105.2
10 m/s	105.2
10.5 m/s	105.2
11 m/s	105.2
11.5 m/s	105.2
12 m/s	105.2
12.5 m/s	105.2
13 m/s	105.2
13.5 m/s	105.2
14 m/s	105.2
14.5 m/s	105.2
15 m/s	105.2

Subject to technical change without prior notice.

4.3 Octave band levels of the loudest condition

4.3.1 Octave band level HH

Tab. 15: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8	73.7	85.3	90.9	93.5	97.1	99.7	100.7	94.7	77.5

4.3.2 Octave band level E-160 EP5 E2-MST-120-FB-C-01

Tab. 16: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5.5	73.7	85.3	90.9	93.5	97.1	99.7	100.7	94.7	77.5

4.3.3 Octave band level E-160 EP5 E2-MST-140-FB-C-01

Tab. 17: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5.5	73.9	85.5	91.0	93.6	97.2	99.8	100.7	94.2	75.9

4.3.4 Octave band level E-160 EP5 E2-MST-166-FB-C-01

Tab. 18: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5.5	74.1	85.7	91.3	93.8	97.3	99.9	100.6	93.7	73.8

5 Operating mode 104.5 dB

5.1 Calculated power, c_p and c_t values – operating mode 104.5 dB

Tab. 19: Calculated power, c_p and c_t values for E-160 EP5 E2 / 5500 kW – operating mode 104.5 dB

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	0	0.00	0.00
2.00	0	0.00	0.00
2.50	43	0.22	0.93
3.00	106	0.32	0.86
3.50	202	0.38	0.85
4.00	332	0.42	0.84
4.50	498	0.45	0.84
5.00	704	0.46	0.84
5.50	955	0.47	0.83
6.00	1250	0.47	0.82
6.50	1586	0.47	0.80
7.00	1951	0.46	0.77
7.50	2326	0.45	0.72
8.00	2691	0.43	0.67
8.50	3036	0.40	0.61
9.00	3356	0.37	0.55
9.50	3652	0.35	0.50
10.00	3925	0.32	0.45
10.50	4171	0.29	0.41
11.00	4387	0.27	0.37
11.50	4564	0.24	0.33
12.00	4701	0.22	0.30
12.50	4798	0.20	0.27
13.00	4863	0.18	0.24
13.50	4901	0.16	0.22
14.00	4901	0.15	0.19
14.50	4901	0.13	0.18

Subject to technical change without prior notice.

Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.00	4901	0.12	0.16
15.50	4901	0.11	0.14
16.00	4901	0.10	0.13
16.50	4901	0.09	0.12
17.00	4901	0.08	0.11
17.50	4901	0.07	0.10
18.00	4901	0.07	0.09
18.50	4901	0.06	0.09
19.00	4901	0.06	0.08
19.50	4901	0.05	0.07
20.00	4901	0.05	0.07
20.50	4901	0.05	0.06
21.00	4901	0.04	0.06
21.50	4901	0.04	0.06
22.00	4901	0.04	0.05

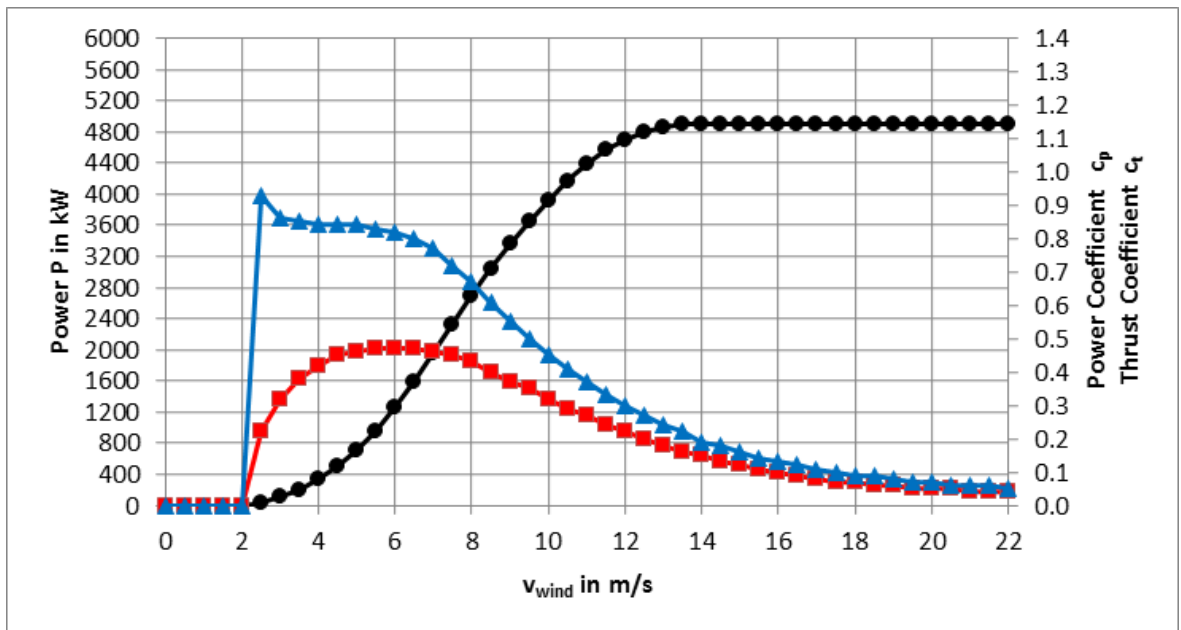


Fig. 3: Power, c_p and c_t curves for E-160 EP5 E2 / 5500 kW – operating mode 104.5 dB

◆◆◆	Power P in kW
▲▲▲	c_t value
■■	c_p value

Subject to technical change without prior notice.

5.2 Calculated sound power levels – operating mode 104.5 dB

In operating mode 104.5 dB the wind energy converter operates in a power-optimised mode. The highest expected sound power level is 104.5 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 20: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	4901	kW
Nominal wind speed	13.4	m/s
Minimum operating speed	2.8	rpm
Speed setpoint	8.4	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 2, p. 11.

Tab. 21: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)		
	E-160 EP5 E2-MST-120-FB-C-01	E-160 EP5 E2-MST-140-FB-C-01	E-160 EP5 E2-MST-166-FB-C-01
3 m/s	94.0	94.5	95.0
3.5 m/s	97.9	98.3	98.7
4 m/s	100.7	101.2	101.6
4.5 m/s	103.2	103.6	104.0
5 m/s	104.4	104.4	104.4
5.5 m/s	104.5	104.5	104.5
6 m/s	104.5	104.5	104.5
6.5 m/s	104.5	104.5	104.5
7 m/s	104.5	104.5	104.5
7.5 m/s	104.5	104.5	104.5
8 m/s	104.5	104.5	104.5
8.5 m/s	104.5	104.5	104.5
9 m/s	104.5	104.5	104.5
9.5 m/s	104.5	104.5	104.5
10 m/s	104.5	104.5	104.5
10.5 m/s	104.5	104.5	104.5
11 m/s	104.5	104.5	104.5
11.5 m/s	104.5	104.5	104.5
12 m/s	104.5	104.5	104.5
95 % P_n	104.5	104.5	104.5

Subject to technical change without prior notice.

Tab. 22: Calculated sound power level in dB(A), based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	97.3
5.5 m/s	99.3
6 m/s	101.2
6.5 m/s	102.9
7 m/s	104.3
7.5 m/s	104.4
8 m/s	104.5
8.5 m/s	104.5
9 m/s	104.5
9.5 m/s	104.5
10 m/s	104.5
10.5 m/s	104.5
11 m/s	104.5
11.5 m/s	104.5
12 m/s	104.5
12.5 m/s	104.5
13 m/s	104.5
13.5 m/s	104.5
14 m/s	104.5
14.5 m/s	104.5
15 m/s	104.5

Subject to technical change without prior notice.

5.3 Octave band levels of the loudest condition

5.3.1 Octave band level HH

Tab. 23: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8	73.1	84.7	90.2	93.0	96.6	99.0	99.9	93.9	76.7

5.3.2 Octave band level E-160 EP5 E2-MST-120-FB-C-01

Tab. 24: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5.5	73.2	84.7	90.3	92.9	96.5	99.0	99.9	93.9	76.7

5.3.3 Octave band level E-160 EP5 E2-MST-140-FB-C-01

Tab. 25: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5.5	73.4	84.9	90.4	93.0	96.6	99.1	99.9	93.4	75.1

5.3.4 Octave band level E-160 EP5 E2-MST-166-FB-C-01

Tab. 26: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5.5	73.6	85.1	90.6	93.2	96.7	99.2	99.8	93.0	73.1

Subject to technical change without prior notice.

6 Operating mode 103.7 dB

6.1 Calculated power, c_p and c_t values – operating mode 103.7 dB

Tab. 27: Calculated power, c_p and c_t values for E-160 EP5 E2 / 5500 kW – operating mode 103.7 dB

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	0	0.00	0.00
2.00	0	0.00	0.00
2.50	43	0.22	0.93
3.00	106	0.32	0.86
3.50	202	0.38	0.85
4.00	332	0.42	0.84
4.50	498	0.45	0.84
5.00	704	0.46	0.84
5.50	954	0.47	0.83
6.00	1246	0.47	0.82
6.50	1574	0.47	0.79
7.00	1920	0.46	0.75
7.50	2267	0.44	0.69
8.00	2598	0.41	0.63
8.50	2907	0.39	0.57
9.00	3193	0.36	0.51
9.50	3460	0.33	0.46
10.00	3708	0.30	0.42
10.50	3937	0.28	0.38
11.00	4144	0.25	0.34
11.50	4321	0.23	0.31
12.00	4465	0.21	0.28
12.50	4573	0.19	0.26
13.00	4648	0.17	0.23
13.50	4697	0.16	0.21
14.00	4715	0.14	0.19
14.50	4715	0.13	0.17

Subject to technical change without prior notice.

Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.00	4715	0.11	0.15
15.50	4715	0.10	0.14
16.00	4715	0.09	0.13
16.50	4715	0.09	0.11
17.00	4715	0.08	0.11
17.50	4715	0.07	0.10
18.00	4715	0.07	0.09
18.50	4715	0.06	0.08
19.00	4715	0.06	0.08
19.50	4715	0.05	0.07
20.00	4715	0.05	0.07
20.50	4715	0.04	0.06
21.00	4715	0.04	0.06
21.50	4715	0.04	0.05
22.00	4715	0.04	0.05

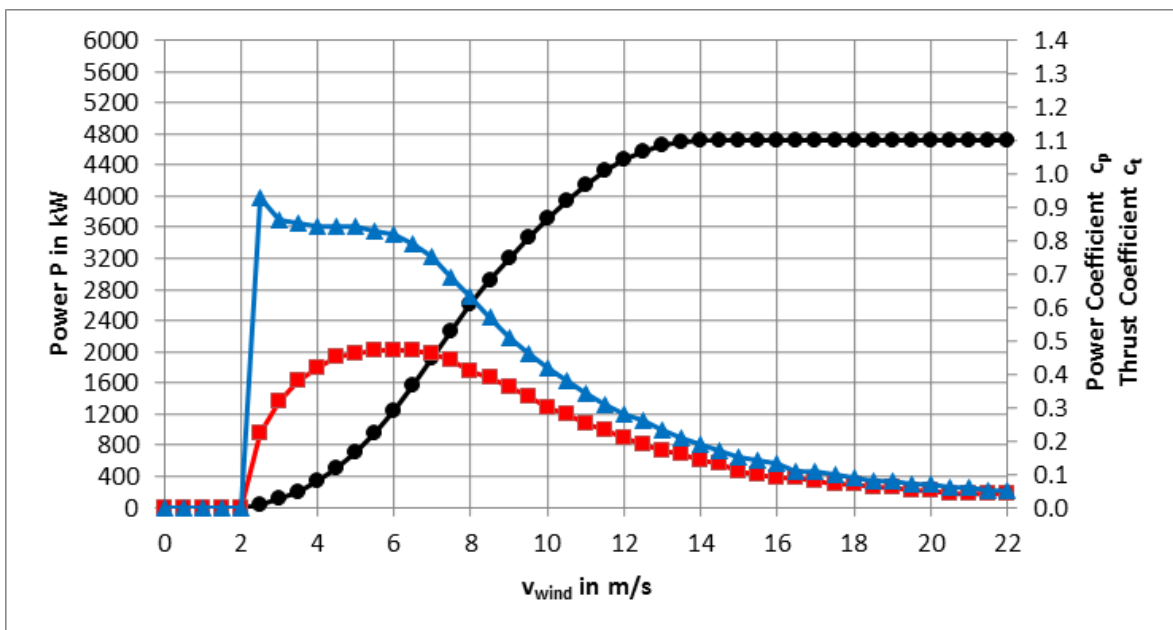


Fig. 4: Power, c_p and c_t curves for E-160 EP5 E2 / 5500 kW – operating mode 103.7 dB

	Power P in kW
	c_t value
	c_p value

Subject to technical change without prior notice.

6.2 Calculated sound power levels – operating mode 103.7 dB

In operating mode 103.7 dB the wind energy converter operates in a power-optimised mode. The highest expected sound power level is 103.7 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 28: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	4715	kW
Nominal wind speed	13.9	m/s
Minimum operating speed	2.8	rpm
Speed setpoint	8.1	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 2, p. 11.

Tab. 29: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)		
	E-160 EP5 E2- MST-120-FB-C-01	E-160 EP5 E2- MST-140-FB-C-01	E-160 EP5 E2- MST-166-FB-C-01
3 m/s	94.0	94.5	95.0
3.5 m/s	97.9	98.3	98.7
4 m/s	100.7	101.2	101.6
4.5 m/s	103.1	103.2	103.4
5 m/s	103.7	103.7	103.7
5.5 m/s	103.7	103.7	103.7
6 m/s	103.7	103.7	103.7
6.5 m/s	103.7	103.7	103.7
7 m/s	103.7	103.7	103.7
7.5 m/s	103.7	103.7	103.7
8 m/s	103.7	103.7	103.7
8.5 m/s	103.7	103.7	103.7
9 m/s	103.7	103.7	103.7
9.5 m/s	103.7	103.7	103.7
10 m/s	103.7	103.7	103.7
10.5 m/s	103.7	103.7	103.7
11 m/s	103.7	103.7	103.7
11.5 m/s	103.7	103.7	103.7
12 m/s	103.7	103.7	103.7
95 % P_n	103.7	103.7	103.7

Tab. 30: Calculated sound power level in dB(A), based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	97.3
5.5 m/s	99.3
6 m/s	101.2
6.5 m/s	102.9
7 m/s	103.6
7.5 m/s	103.7
8 m/s	103.7
8.5 m/s	103.7
9 m/s	103.7
9.5 m/s	103.7
10 m/s	103.7
10.5 m/s	103.7
11 m/s	103.7
11.5 m/s	103.7
12 m/s	103.7
12.5 m/s	103.7
13 m/s	103.7
13.5 m/s	103.7
14 m/s	103.7
14.5 m/s	103.7
15 m/s	103.7

Subject to technical change without prior notice.

6.3 Octave band levels of the loudest condition

6.3.1 Octave band level HH

Tab. 31: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
7.5	72.5	84.0	89.6	92.3	95.9	98.2	99.0	93.0	75.8

6.3.2 Octave band level E-160 EP5 E2-MST-120-FB-C-01

Tab. 32: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5	72.5	84.0	89.5	92.2	95.8	98.2	99.0	93.0	75.8

6.3.3 Octave band level E-160 EP5 E2-MST-140-FB-C-01

Tab. 33: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5	72.7	84.2	89.7	92.4	96.0	98.2	99.0	92.5	74.2

6.3.4 Octave band level E-160 EP5 E2-MST-166-FB-C-01

Tab. 34: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5	72.9	84.4	89.9	92.6	96.1	98.3	98.9	92.0	72.2

7 Operating mode 102.9 dB

7.1 Calculated power, c_p and c_t values – operating mode 102.9 dB

Tab. 35: Calculated power, c_p and c_t values for E-160 EP5 E2 / 5500 kW – operating mode 102.9 dB

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	0	0.00	0.00
2.00	0	0.00	0.00
2.50	43	0.22	0.93
3.00	106	0.32	0.86
3.50	202	0.38	0.85
4.00	332	0.42	0.84
4.50	498	0.45	0.84
5.00	704	0.46	0.84
5.50	953	0.47	0.83
6.00	1240	0.47	0.81
6.50	1555	0.46	0.77
7.00	1881	0.45	0.72
7.50	2199	0.42	0.66
8.00	2498	0.40	0.60
8.50	2776	0.37	0.54
9.00	3034	0.34	0.48
9.50	3275	0.31	0.43
10.00	3501	0.29	0.39
10.50	3714	0.26	0.35
11.00	3910	0.24	0.32
11.50	4084	0.22	0.29
12.00	4230	0.20	0.27
12.50	4347	0.18	0.24
13.00	4432	0.16	0.22
13.50	4491	0.15	0.20
14.00	4528	0.13	0.18
14.50	4532	0.12	0.16

Subject to technical change without prior notice.

Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.00	4532	0.11	0.15
15.50	4532	0.10	0.13
16.00	4532	0.09	0.12
16.50	4532	0.08	0.11
17.00	4532	0.08	0.10
17.50	4532	0.07	0.09
18.00	4532	0.06	0.09
18.50	4532	0.06	0.08
19.00	4532	0.05	0.07
19.50	4532	0.05	0.07
20.00	4532	0.05	0.06
20.50	4532	0.04	0.06
21.00	4532	0.04	0.06
21.50	4532	0.04	0.05
22.00	4532	0.03	0.05

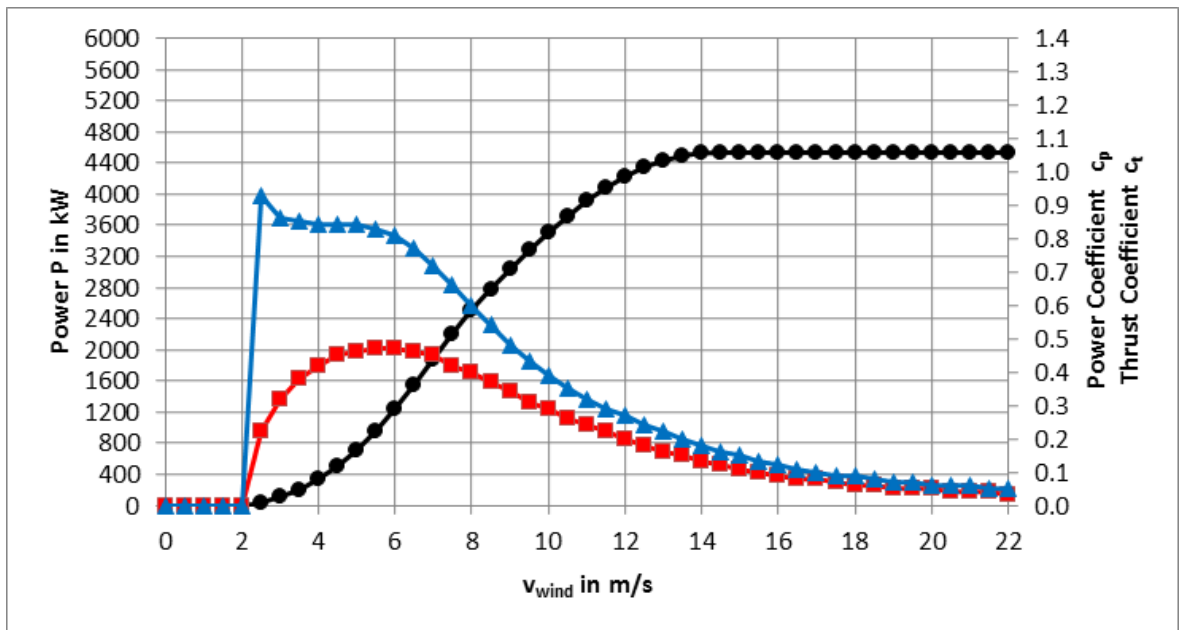


Fig. 5: Power, c_p and c_t curves for E-160 EP5 E2 / 5500 kW – operating mode 102.9 dB

◆—◆—◆	Power P in kW
▲—▲—▲	c_t value
■—■—■	c_p value

Subject to technical change without prior notice.

7.2 Calculated sound power levels – operating mode 102.9 dB

In operating mode 102.9 dB the wind energy converter operates in a power-optimised mode. The highest expected sound power level is 102.9 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 36: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	4532	kW
Nominal wind speed	14.0	m/s
Minimum operating speed	2.8	rpm
Speed setpoint	7.8	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 2, p. 11.

Tab. 37: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)		
	E-160 EP5 E2-MST-120-FB-C-01	E-160 EP5 E2-MST-140-FB-C-01	E-160 EP5 E2-MST-166-FB-C-01
3 m/s	94.0	94.5	95.0
3.5 m/s	97.9	98.3	98.7
4 m/s	100.7	101.2	101.6
4.5 m/s	102.7	102.8	102.9
5 m/s	102.9	102.9	102.9
5.5 m/s	102.9	102.9	102.9
6 m/s	102.9	102.9	102.9
6.5 m/s	102.9	102.9	102.9
7 m/s	102.9	102.9	102.9
7.5 m/s	102.9	102.9	102.9
8 m/s	102.9	102.9	102.9
8.5 m/s	102.9	102.9	102.9
9 m/s	102.9	102.9	102.9
9.5 m/s	102.9	102.9	102.9
10 m/s	102.9	102.9	102.9
10.5 m/s	102.9	102.9	102.9
11 m/s	102.9	102.9	102.9
11.5 m/s	102.9	102.9	102.9
12 m/s	102.9	102.9	102.9
95 % P_n	102.9	102.9	102.9

Subject to technical change without prior notice.

Tab. 38: Calculated sound power level in dB(A), based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	97.3
5.5 m/s	99.3
6 m/s	101.2
6.5 m/s	102.7
7 m/s	102.9
7.5 m/s	102.9
8 m/s	102.9
8.5 m/s	102.9
9 m/s	102.9
9.5 m/s	102.9
10 m/s	102.9
10.5 m/s	102.9
11 m/s	102.9
11.5 m/s	102.9
12 m/s	102.9
12.5 m/s	102.9
13 m/s	102.9
13.5 m/s	102.9
14 m/s	102.9
14.5 m/s	102.9
15 m/s	102.9

Subject to technical change without prior notice.

7.3 Octave band levels of the loudest condition

7.3.1 Octave band level HH

Tab. 39: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
7	71.9	83.3	88.8	91.5	95.1	97.4	98.2	92.2	75.0

7.3.2 Octave band level E-160 EP5 E2-MST-120-FB-C-01

Tab. 40: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5	71.9	83.3	88.8	91.6	95.2	97.4	98.2	92.2	75.0

7.3.3 Octave band level E-160 EP5 E2-MST-140-FB-C-01

Tab. 41: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5	72.1	83.5	89.0	91.8	95.3	97.5	98.2	91.7	73.4

7.3.4 Octave band level E-160 EP5 E2-MST-166-FB-C-01

Tab. 42: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
4.5	72.3	83.7	89.2	91.8	95.3	97.5	98.1	91.2	71.4

Subject to technical change without prior notice.

8 Operating mode 102.0 dB

8.1 Calculated power, c_p and c_t values – operating mode 102.0 dB

 Tab. 43: Calculated power, c_p and c_t values for E-160 EP5 E2 / 5500 kW – operating mode 102.0 dB

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	0	0.00	0.00
2.00	0	0.00	0.00
2.50	43	0.22	0.93
3.00	106	0.32	0.86
3.50	202	0.38	0.85
4.00	332	0.42	0.84
4.50	498	0.45	0.84
5.00	704	0.46	0.83
5.50	950	0.46	0.82
6.00	1229	0.46	0.79
6.50	1529	0.45	0.75
7.00	1830	0.43	0.69
7.50	2119	0.41	0.63
8.00	2389	0.38	0.56
8.50	2638	0.35	0.50
9.00	2870	0.32	0.45
9.50	3088	0.29	0.40
10.00	3295	0.27	0.36
10.50	3491	0.25	0.33
11.00	3674	0.22	0.30
11.50	3842	0.21	0.27
12.00	3989	0.19	0.25
12.50	4111	0.17	0.23
13.00	4205	0.16	0.21
13.50	4274	0.14	0.19
14.00	4320	0.13	0.17
14.50	4343	0.12	0.15

Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.00	4343	0.10	0.14
15.50	4343	0.09	0.13
16.00	4343	0.09	0.12
16.50	4343	0.08	0.11
17.00	4343	0.07	0.10
17.50	4343	0.07	0.09
18.00	4343	0.06	0.08
18.50	4343	0.06	0.08
19.00	4343	0.05	0.07
19.50	4343	0.05	0.07
20.00	4343	0.04	0.06
20.50	4343	0.04	0.06
21.00	4343	0.04	0.05
21.50	4343	0.04	0.05
22.00	4343	0.03	0.05

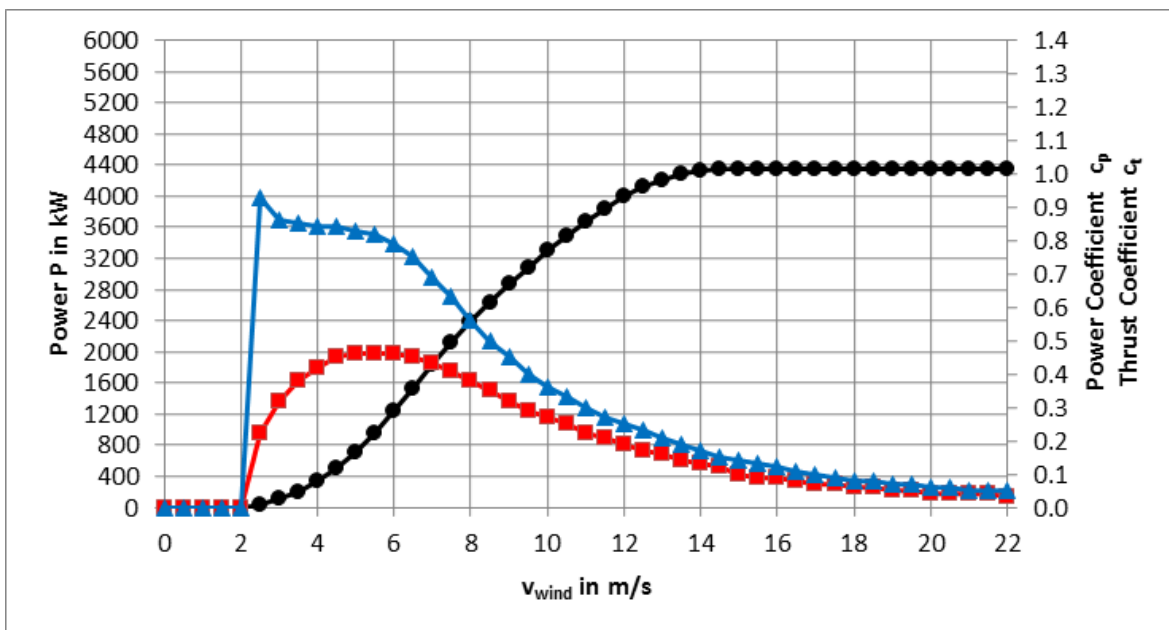


Fig. 6: Power, c_p and c_t curves for E-160 EP5 E2 / 5500 kW – operating mode 102.0 dB

	Power P in kW
	c_t value
	c_p value

Subject to technical change without prior notice.

8.2 Calculated sound power levels – operating mode 102.0 dB

In operating mode 102.0 dB the wind energy converter operates in a power-optimised mode. The highest expected sound power level is 102.0 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 44: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	4343	kW
Nominal wind speed	14.4	m/s
Minimum operating speed	2.8	rpm
Speed setpoint	7.5	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 2, p. 11.

Tab. 45: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)		
	E-160 EP5 E2- MST-120-FB-C-01	E-160 EP5 E2- MST-140-FB-C-01	E-160 EP5 E2- MST-166-FB-C-01
3 m/s	94.0	94.5	95.0
3.5 m/s	97.9	98.3	98.7
4 m/s	100.7	101.2	101.4
4.5 m/s	101.9	102.0	102.0
5 m/s	102.0	102.0	102.0
5.5 m/s	102.0	102.0	102.0
6 m/s	102.0	102.0	102.0
6.5 m/s	102.0	102.0	102.0
7 m/s	102.0	102.0	102.0
7.5 m/s	102.0	102.0	102.0
8 m/s	102.0	102.0	102.0
8.5 m/s	102.0	102.0	102.0
9 m/s	102.0	102.0	102.0
9.5 m/s	102.0	102.0	102.0
10 m/s	102.0	102.0	102.0
10.5 m/s	102.0	102.0	102.0
11 m/s	102.0	102.0	102.0
11.5 m/s	102.0	102.0	102.0
12 m/s	102.0	102.0	102.0
95 % P_n	102.0	102.0	102.0

Subject to technical change without prior notice.

Tab. 46: Calculated sound power level in dB(A), based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	97.3
5.5 m/s	99.3
6 m/s	101.2
6.5 m/s	101.9
7 m/s	102.0
7.5 m/s	102.0
8 m/s	102.0
8.5 m/s	102.0
9 m/s	102.0
9.5 m/s	102.0
10 m/s	102.0
10.5 m/s	102.0
11 m/s	102.0
11.5 m/s	102.0
12 m/s	102.0
12.5 m/s	102.0
13 m/s	102.0
13.5 m/s	102.0
14 m/s	102.0
14.5 m/s	102.0
15 m/s	102.0

Subject to technical change without prior notice.

8.3 Octave band levels of the loudest condition

8.3.1 Octave band level HH

Tab. 47: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
7	71.2	82.6	88.1	91.0	94.4	96.5	97.2	91.1	73.9

8.3.2 Octave band level E-160 EP5 E2-MST-120-FB-C-01

Tab. 48: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5	71.2	82.5	88.1	90.9	94.4	96.5	97.2	91.1	73.9

8.3.3 Octave band level E-160 EP5 E2-MST-140-FB-C-01

Tab. 49: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
4.5	71.3	82.7	88.2	90.9	94.4	96.5	97.2	90.7	72.4

8.3.4 Octave band level E-160 EP5 E2-MST-166-FB-C-01

Tab. 50: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
4.5	71.6	82.9	88.4	91.2	94.6	96.6	97.0	90.1	70.3

Subject to technical change without prior notice.

9 Operating mode 101.1 dB

9.1 Calculated power, c_p and c_t values – operating mode 101.1 dB

Tab. 51: Calculated power, c_p and c_t values for E-160 EP5 E2 / 5500 kW – operating mode 101.1 dB

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	0	0.00	0.00
2.00	0	0.00	0.00
2.50	43	0.22	0.93
3.00	106	0.32	0.86
3.50	202	0.38	0.85
4.00	332	0.42	0.84
4.50	498	0.45	0.84
5.00	703	0.46	0.83
5.50	944	0.46	0.81
6.00	1213	0.46	0.77
6.50	1493	0.44	0.72
7.00	1768	0.42	0.65
7.50	2028	0.39	0.59
8.00	2270	0.36	0.52
8.50	2494	0.33	0.47
9.00	2703	0.30	0.42
9.50	2900	0.28	0.38
10.00	3088	0.25	0.34
10.50	3267	0.23	0.31
11.00	3437	0.21	0.28
11.50	3597	0.19	0.26
12.00	3741	0.18	0.23
12.50	3866	0.16	0.21
13.00	3968	0.15	0.20
13.50	4046	0.13	0.18
14.00	4102	0.12	0.16
14.50	4140	0.11	0.15

Subject to technical change without prior notice.

Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.00	4153	0.10	0.13
15.50	4153	0.09	0.12
16.00	4153	0.08	0.11
16.50	4153	0.08	0.10
17.00	4153	0.07	0.09
17.50	4153	0.06	0.09
18.00	4153	0.06	0.08
18.50	4153	0.05	0.07
19.00	4153	0.05	0.07
19.50	4153	0.05	0.06
20.00	4153	0.04	0.06
20.50	4153	0.04	0.06
21.00	4153	0.04	0.05
21.50	4153	0.03	0.05
22.00	4153	0.03	0.05

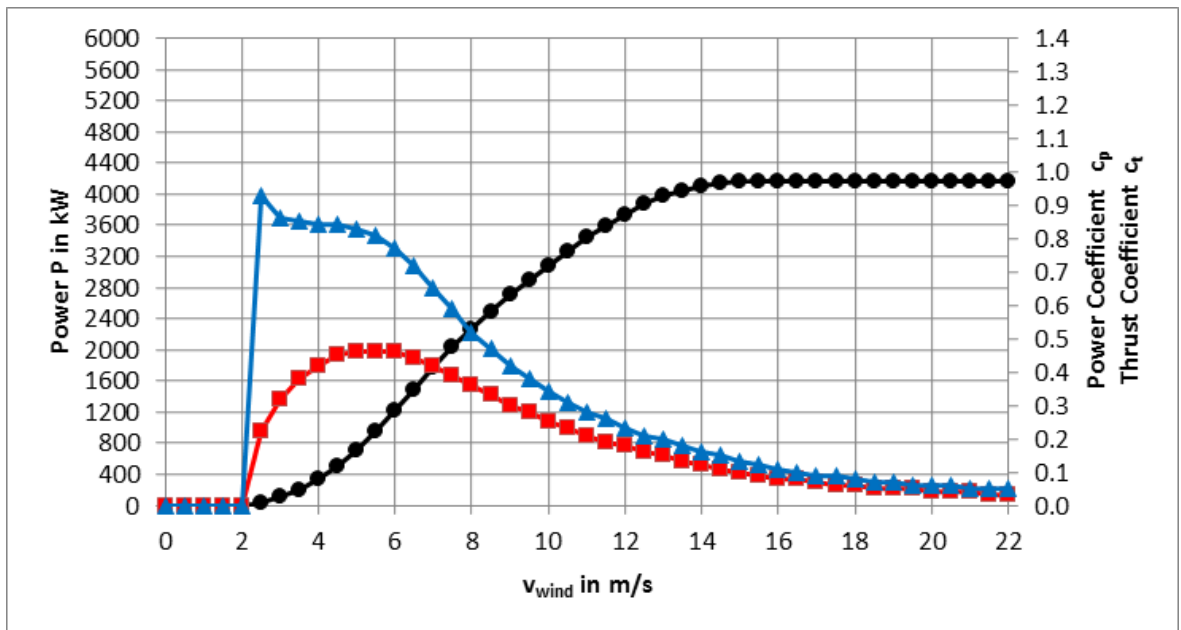


Fig. 7: Power, c_p and c_t curves for E-160 EP5 E2 / 5500 kW – operating mode 101.1 dB

◆◆◆	Power P in kW
▲▲▲	c_t value
■◆◆	c_p value

Subject to technical change without prior notice.

9.2 Calculated sound power levels – operating mode 101.1 dB

In operating mode 101.1 dB the wind energy converter operates in a power-optimised mode. The highest expected sound power level is 101.1 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 52: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	4153	kW
Nominal wind speed	14.8	m/s
Minimum operating speed	2.8	rpm
Speed setpoint	7.2	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 2, p. 11.

Tab. 53: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)		
	E-160 EP5 E2-MST-120-FB-C-01	E-160 EP5 E2-MST-140-FB-C-01	E-160 EP5 E2-MST-166-FB-C-01
3 m/s	94.0	94.5	95.0
3.5 m/s	97.9	98.3	98.7
4 m/s	100.6	100.9	101.0
4.5 m/s	101.1	101.1	101.1
5 m/s	101.1	101.1	101.1
5.5 m/s	101.1	101.1	101.1
6 m/s	101.1	101.1	101.1
6.5 m/s	101.1	101.1	101.1
7 m/s	101.1	101.1	101.1
7.5 m/s	101.1	101.1	101.1
8 m/s	101.1	101.1	101.1
8.5 m/s	101.1	101.1	101.1
9 m/s	101.1	101.1	101.1
9.5 m/s	101.1	101.1	101.1
10 m/s	101.1	101.1	101.1
10.5 m/s	101.1	101.1	101.1
11 m/s	101.1	101.1	101.1
11.5 m/s	101.1	101.1	101.1
12 m/s	101.1	101.1	101.1
95 % P_n	101.1	101.1	101.1

Subject to technical change without prior notice.

Tab. 54: Calculated sound power level in dB(A), based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	97.3
5.5 m/s	99.3
6 m/s	101.0
6.5 m/s	101.1
7 m/s	101.1
7.5 m/s	101.1
8 m/s	101.1
8.5 m/s	101.1
9 m/s	101.1
9.5 m/s	101.1
10 m/s	101.1
10.5 m/s	101.1
11 m/s	101.1
11.5 m/s	101.1
12 m/s	101.1
12.5 m/s	101.1
13 m/s	101.1
13.5 m/s	101.1
14 m/s	101.1
14.5 m/s	101.1
15 m/s	101.1

Subject to technical change without prior notice.

9.3 Octave band levels of the loudest condition

9.3.1 Octave band level HH

Tab. 55: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6.5	70.5	81.8	87.3	90.1	93.5	95.6	96.2	90.1	73.0

9.3.2 Octave band level E-160 EP5 E2-MST-120-FB-C-01

Tab. 56: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
4.5	70.5	81.8	87.3	90.1	93.6	95.6	96.2	90.1	73.0

9.3.3 Octave band level E-160 EP5 E2-MST-140-FB-C-01

Tab. 57: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
4.5	70.7	82.0	87.5	90.3	93.7	95.7	96.2	89.7	71.4

9.3.4 Octave band level E-160 EP5 E2-MST-166-FB-C-01

Tab. 58: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
4.5	70.9	82.2	87.6	90.5	93.9	95.7	96.0	89.1	69.3

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10 Operating mode 98.0 dB

10.1 Calculated power, c_p and c_t values – operating mode 98.0 dB

Tab. 59: Calculated power, c_p and c_t values for E-160 EP5 E2 / 5500 kW – operating mode 98.0 dB

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	0	0.00	0.00
2.00	0	0.00	0.00
2.50	43	0.22	0.93
3.00	106	0.32	0.86
3.50	202	0.38	0.85
4.00	332	0.42	0.84
4.50	495	0.44	0.82
5.00	687	0.45	0.79
5.50	896	0.44	0.73
6.00	1110	0.42	0.67
6.50	1318	0.39	0.59
7.00	1516	0.36	0.53
7.50	1702	0.33	0.47
8.00	1878	0.30	0.42
8.50	2044	0.27	0.37
9.00	2200	0.25	0.33
9.50	2348	0.22	0.30
10.00	2489	0.20	0.27
10.50	2624	0.18	0.24
11.00	2755	0.17	0.22
11.50	2880	0.15	0.20
12.00	3001	0.14	0.19
12.50	3115	0.13	0.17
13.00	3222	0.12	0.16
13.50	3317	0.11	0.15
14.00	3398	0.10	0.14
14.50	3464	0.09	0.12

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Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.00	3514	0.08	0.11
15.50	3551	0.08	0.11
16.00	3575	0.07	0.10
16.50	3578	0.06	0.09
17.00	3578	0.06	0.08
17.50	3578	0.05	0.08
18.00	3578	0.05	0.07
18.50	3578	0.05	0.06
19.00	3578	0.04	0.06
19.50	3578	0.04	0.06
20.00	3578	0.04	0.05
20.50	3578	0.03	0.05
21.00	3578	0.03	0.05
21.50	3578	0.03	0.04
22.00	3578	0.03	0.04

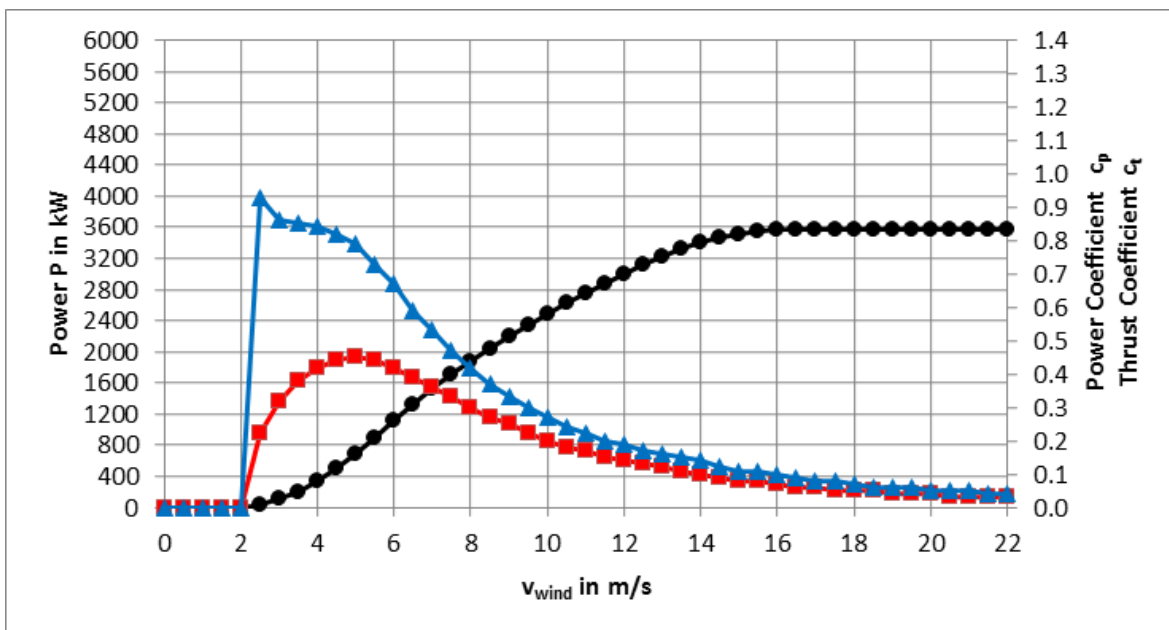


Fig. 8: Power, c_p and c_t curves for E-160 EP5 E2 / 5500 kW – operating mode 98.0 dB

	Power P in kW
	c_t value
	c_p value

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10.2 Calculated sound power levels – operating mode 98.0 dB

In operating mode 98.0 dB the wind energy converter operates in a power-optimised mode. The highest expected sound power level is 98.0 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 60: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	3578	kW
Nominal wind speed	16.0	m/s
Minimum operating speed	2.8	rpm
Speed setpoint	6.3	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 2, p. 11.

Tab. 61: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)		
	E-160 EP5 E2- MST-120-FB-C-01	E-160 EP5 E2- MST-140-FB-C-01	E-160 EP5 E2- MST-166-FB-C-01
3 m/s	94.0	94.5	95.0
3.5 m/s	97.5	97.6	97.8
4 m/s	98.0	98.0	98.0
4.5 m/s	98.0	98.0	98.0
5 m/s	98.0	98.0	98.0
5.5 m/s	98.0	98.0	98.0
6 m/s	98.0	98.0	98.0
6.5 m/s	98.0	98.0	98.0
7 m/s	98.0	98.0	98.0
7.5 m/s	98.0	98.0	98.0
8 m/s	98.0	98.0	98.0
8.5 m/s	98.0	98.0	98.0
9 m/s	98.0	98.0	98.0
9.5 m/s	98.0	98.0	98.0
10 m/s	98.0	98.0	98.0
10.5 m/s	98.0	98.0	98.0
11 m/s	98.0	98.0	98.0
11.5 m/s	98.0	98.0	98.0
12 m/s	98.0	98.0	98.0
95 % P_n	98.0	98.0	98.0

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Tab. 62: Calculated sound power level in dB(A), based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	97.3
5.5 m/s	98.0
6 m/s	98.0
6.5 m/s	98.0
7 m/s	98.0
7.5 m/s	98.0
8 m/s	98.0
8.5 m/s	98.0
9 m/s	98.0
9.5 m/s	98.0
10 m/s	98.0
10.5 m/s	98.0
11 m/s	98.0
11.5 m/s	98.0
12 m/s	98.0
12.5 m/s	98.0
13 m/s	98.0
13.5 m/s	98.0
14 m/s	98.0
14.5 m/s	98.0
15 m/s	98.0

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10.3 Octave band levels of the loudest condition

10.3.1 Octave band level HH

Tab. 63: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5.5	68.1	79.2	84.6	87.4	90.6	92.4	93.0	86.9	69.8

10.3.2 Octave band level E-160 EP5 E2-MST-120-FB-C-01

Tab. 64: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
4	68.4	79.5	84.9	87.6	90.7	92.3	92.8	86.8	69.8

10.3.3 Octave band level E-160 EP5 E2-MST-140-FB-C-01

Tab. 65: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
4	68.7	79.8	85.2	87.9	90.9	92.4	92.8	86.4	68.2

10.3.4 Octave band level E-160 EP5 E2-MST-166-FB-C-01

Tab. 66: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
4	68.9	80.0	85.4	88.1	91.0	92.4	92.6	85.7	66.1

11 Operating mode 94.5 dB

11.1 Calculated power, c_p and c_t values – operating mode 94.5 dB

Tab. 67: Calculated power, c_p and c_t values for E-160 EP5 E2 / 5500 kW – operating mode 94.5 dB

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	0	0.00	0.00
2.00	0	0.00	0.00
2.50	43	0.22	0.93
3.00	106	0.32	0.86
3.50	202	0.38	0.84
4.00	326	0.41	0.81
4.50	470	0.42	0.75
5.00	622	0.41	0.67
5.50	773	0.38	0.59
6.00	917	0.35	0.51
6.50	1053	0.31	0.45
7.00	1183	0.28	0.39
7.50	1308	0.25	0.35
8.00	1429	0.23	0.31
8.50	1547	0.21	0.27
9.00	1663	0.19	0.25
9.50	1777	0.17	0.22
10.00	1890	0.15	0.20
10.50	2001	0.14	0.19
11.00	2108	0.13	0.17
11.50	2212	0.12	0.16
12.00	2312	0.11	0.15
12.50	2407	0.10	0.14
13.00	2496	0.09	0.13
13.50	2580	0.09	0.12
14.00	2658	0.08	0.11
14.50	2728	0.07	0.10

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Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.00	2788	0.07	0.09
15.50	2838	0.06	0.09
16.00	2877	0.06	0.08
16.50	2906	0.05	0.07
17.00	2927	0.05	0.07
17.50	2934	0.04	0.06
18.00	2934	0.04	0.06
18.50	2934	0.04	0.05
19.00	2934	0.03	0.05
19.50	2934	0.03	0.05
20.00	2934	0.03	0.04
20.50	2934	0.03	0.04
21.00	2934	0.03	0.04
21.50	2934	0.02	0.04
22.00	2934	0.02	0.03

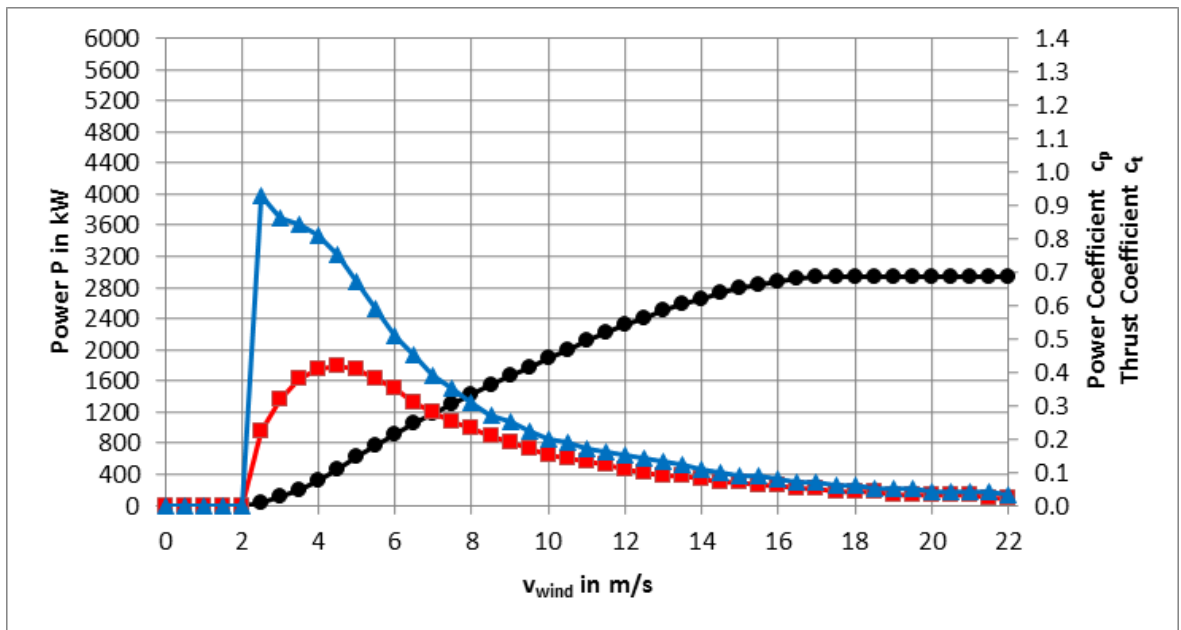


Fig. 9: Power, c_p and c_t curves for E-160 EP5 E2 / 5500 kW – operating mode 94.5 dB

◆◆◆	Power P in kW
▲▲▲	c_t value
■◆◆	c_p value

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11.2 Calculated sound power levels – operating mode 94.5 dB

In operating mode 94.5 dB the wind energy converter operates in a power-optimised mode. The highest expected sound power level is 94.5 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 68: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	2934	kW
Nominal wind speed	17.3	m/s
Minimum operating speed	2.8	rpm
Speed setpoint	5.3	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 2, p. 11.

Tab. 69: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)		
	E-160 EP5 E2-MST-120-FB-C-01	E-160 EP5 E2-MST-140-FB-C-01	E-160 EP5 E2-MST-166-FB-C-01
3 m/s	94.0	94.5	94.5
3.5 m/s	94.5	94.5	94.5
4 m/s	94.5	94.5	94.5
4.5 m/s	94.5	94.5	94.5
5 m/s	94.5	94.5	94.5
5.5 m/s	94.5	94.5	94.5
6 m/s	94.5	94.5	94.5
6.5 m/s	94.5	94.5	94.5
7 m/s	94.5	94.5	94.5
7.5 m/s	94.5	94.5	94.5
8 m/s	94.5	94.5	94.5
8.5 m/s	94.5	94.5	94.5
9 m/s	94.5	94.5	94.5
9.5 m/s	94.5	94.5	94.5
10 m/s	94.5	94.5	94.5
10.5 m/s	94.5	94.5	94.5
11 m/s	94.5	94.5	94.5
11.5 m/s	94.5	94.5	94.5
12 m/s	94.5	94.5	94.5
95 % P_n	94.5	94.5	94.5

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Tab. 70: Calculated sound power level in dB(A), based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	94.5
5.5 m/s	94.5
6 m/s	94.5
6.5 m/s	94.5
7 m/s	94.5
7.5 m/s	94.5
8 m/s	94.5
8.5 m/s	94.5
9 m/s	94.5
9.5 m/s	94.5
10 m/s	94.5
10.5 m/s	94.5
11 m/s	94.5
11.5 m/s	94.5
12 m/s	94.5
12.5 m/s	94.5
13 m/s	94.5
13.5 m/s	94.5
14 m/s	94.5
14.5 m/s	94.5
15 m/s	94.5

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11.3 Octave band levels of the loudest condition

11.3.1 Octave band level HH

Tab. 71: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5	65.9	76.7	82.1	84.8	87.5	88.7	89.0	82.9	65.7

11.3.2 Octave band level E-160 EP5 E2-MST-120-FB-C-01

Tab. 72: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
3.5	66.0	76.8	82.1	84.8	87.5	88.7	89.1	83.0	65.9

11.3.3 Octave band level E-160 EP5 E2-MST-140-FB-C-01

Tab. 73: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
3	65.7	76.5	81.9	84.5	87.4	88.8	89.1	82.7	64.5

11.3.4 Octave band level E-160 EP5 E2-MST-166-FB-C-01

Tab. 74: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
3	66.0	76.8	82.1	84.8	87.6	88.9	89.0	82.0	62.4

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Technical data sheet

**One-third octave band levels for power-optimised
sound modes**

**ENERCON E-160 EP5 E2 / 5500 kW wind energy converter
with TES (Trailing Edge Serrations)**

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List of abbreviations

Abbreviations

HH Hub height

Variables, units, formulas

v_H Wind speed at hub height

v_s Standardised wind speed

1 General

- Allocation of the sound power levels to the standardised wind speed v_s at a height of 10 m is valid only if based on a logarithmic wind shear law with a roughness length of 0.05 m. Allocation of the sound power levels to the wind speed at hub height (v_H) is valid for all hub heights (HH). During measurements, the wind speed is determined based on the power output and the power curve.
- The sound power levels indicated were determined based on aero-acoustic simulations.
- Individual one-third octave band level values cannot be guaranteed. Only the cumulative level of all one-third octave band levels for each wind speed, which corresponds to the sound power level at that particular wind speed, is a guaranteed quantity.

2 Operating mode 106.0 dB

2.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 1: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	50.2	51.6	53.0	54.2	55.2	56.2	56.3	<i>56.4</i>	56.4	56.5	56.6
25	56.1	57.5	59.0	60.2	61.3	62.3	62.5	<i>62.5</i>	62.5	62.6	62.7
31.5	61.2	62.7	64.3	65.6	66.8	67.8	67.9	<i>68.0</i>	68.0	68.1	68.1
40	65.7	67.3	68.9	70.3	71.5	72.6	72.7	<i>72.8</i>	72.8	72.9	72.9
50	69.7	71.3	73.0	74.4	75.6	76.8	76.9	<i>77.0</i>	77.0	77.0	77.1
63	73.1	74.8	76.4	77.9	79.2	80.4	80.5	<i>80.6</i>	80.6	80.6	80.7
80	76.0	77.7	79.4	81.0	82.3	83.5	83.6	<i>83.7</i>	83.7	83.7	83.8
100	78.1	79.8	81.6	83.1	84.5	85.7	85.8	<i>85.9</i>	85.9	86.0	86.0
125	79.1	80.8	82.6	84.1	85.4	86.7	86.8	<i>86.9</i>	86.9	86.9	86.9
160	79.7	81.4	83.2	84.7	86.0	87.2	87.4	<i>87.5</i>	87.5	87.4	87.5
200	80.5	82.2	83.9	85.3	86.7	87.9	88.0	<i>88.2</i>	88.2	88.1	88.1
250	81.6	83.3	85.0	86.4	87.7	88.9	89.1	<i>89.3</i>	89.3	89.2	89.1
315	82.8	84.4	86.1	87.5	88.8	89.9	90.2	<i>90.5</i>	90.3	90.2	90.1
400	84.1	85.7	87.3	88.7	89.9	91.0	91.4	<i>91.8</i>	91.6	91.3	91.2
500	85.2	86.9	88.5	89.9	91.2	92.3	92.7	<i>93.0</i>	92.8	92.6	92.5
630	86.0	87.8	89.5	91.0	92.3	93.5	93.8	<i>94.1</i>	94.0	93.8	93.7
800	86.3	88.2	90.0	91.6	93.0	94.3	94.5	<i>94.7</i>	94.6	94.5	94.5
1000	86.9	88.9	90.8	92.5	94.0	95.4	95.5	<i>95.6</i>	95.6	95.6	95.6
1250	87.8	89.9	91.9	93.6	95.2	96.6	96.7	<i>96.7</i>	96.8	96.8	96.8
1600	88.3	90.5	92.5	94.3	96.0	97.5	97.5	<i>97.5</i>	97.6	97.6	97.7
2000	87.7	89.9	92.0	93.8	95.5	97.0	97.0	<i>97.0</i>	97.1	97.2	97.2
2500	86.3	88.5	90.6	92.4	94.1	95.6	95.6	<i>95.6</i>	95.7	95.8	95.8
3150	84.1	86.3	88.4	90.2	91.9	93.5	93.5	<i>93.5</i>	93.5	93.6	93.7
4000	80.7	82.9	85.0	86.9	88.5	90.1	90.1	<i>90.1</i>	90.1	90.2	90.3
5000	75.9	78.0	80.1	82.0	83.6	85.2	85.2	<i>85.2</i>	85.2	85.3	85.4
6300	68.7	70.8	72.9	74.7	76.4	77.9	77.9	<i>77.9</i>	78.0	78.0	78.1
8000	58.3	60.5	62.5	64.4	66.0	67.6	67.6	<i>67.6</i>	67.6	67.7	67.7

Subject to technical change without prior notice.

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	45.7	47.9	50.0	51.9	53.6	55.1	55.1	55.1	55.2	55.2	55.3

Tab. 2: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	56.6	56.7	56.7	56.8	57.0	57.1	57.2	57.2	57.3	57.3
25	62.7	62.8	62.8	62.9	63.1	63.2	63.3	63.3	63.4	63.4
31.5	68.2	68.2	68.2	68.4	68.5	68.6	68.7	68.7	68.8	68.8
40	72.9	73.0	73.0	73.1	73.3	73.4	73.5	73.5	73.5	73.6
50	77.1	77.2	77.2	77.3	77.4	77.5	77.6	77.6	77.7	77.7
63	80.7	80.8	80.8	80.9	81.0	81.1	81.2	81.2	81.3	81.3
80	83.8	83.9	83.9	84.0	84.1	84.2	84.3	84.3	84.4	84.4
100	86.0	86.1	86.1	86.2	86.3	86.3	86.4	86.5	86.5	86.6
125	86.9	87.0	87.0	87.0	87.1	87.2	87.3	87.3	87.4	87.5
160	87.4	87.5	87.4	87.4	87.5	87.6	87.7	87.8	87.9	88.0
200	88.1	88.0	88.0	88.0	88.1	88.2	88.3	88.4	88.5	88.6
250	89.1	89.0	89.0	89.0	89.0	89.1	89.3	89.4	89.5	89.6
315	90.1	90.0	90.0	89.9	89.9	90.0	90.2	90.3	90.4	90.5
400	91.1	91.1	91.0	90.9	90.9	91.0	91.1	91.2	91.4	91.5
500	92.3	92.2	92.1	91.9	91.9	92.0	92.1	92.2	92.4	92.5
630	93.6	93.4	93.3	93.0	92.9	92.9	93.1	93.1	93.3	93.4
800	94.4	94.3	94.2	93.8	93.7	93.6	93.7	93.7	93.8	93.9
1000	95.6	95.5	95.5	95.2	95.0	94.8	94.8	94.8	94.9	94.9
1250	96.9	96.9	96.9	96.8	96.7	96.4	96.4	96.3	96.3	96.3
1600	97.7	97.8	97.8	97.9	97.9	97.8	97.6	97.6	97.5	97.5
2000	97.3	97.3	97.3	97.5	97.7	97.7	97.5	97.5	97.4	97.4
2500	95.9	95.9	96.0	96.1	96.3	96.4	96.4	96.4	96.3	96.3
3150	93.7	93.8	93.8	94.0	94.2	94.3	94.4	94.4	94.4	94.4
4000	90.3	90.4	90.4	90.6	90.9	91.0	91.1	91.1	91.2	91.2
5000	85.4	85.5	85.5	85.8	86.0	86.2	86.3	86.4	86.4	86.5
6300	78.1	78.2	78.3	78.5	78.8	79.0	79.1	79.3	79.3	79.4
8000	67.8	67.8	67.9	68.1	68.4	68.7	68.9	69.0	69.1	69.2
10000	55.3	55.4	55.4	55.6	56.0	56.3	56.5	56.6	56.8	56.8

Subject to technical change without prior notice.

2.2 One-third octave band level E-160 EP5 E2-MST-120-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 3: One-third octave band level for E-160 EP5 E2-MST-120-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.2	50.6	52.7	54.4	55.9	56.3	56.4	56.5	56.6	56.7
25	53.9	56.5	58.6	60.5	62.0	62.5	62.5	62.6	62.7	62.8
31.5	59.0	61.6	63.9	65.9	67.5	68.0	68.0	68.1	68.2	68.2
40	63.4	66.2	68.5	70.6	72.3	72.7	72.8	72.9	72.9	73.0
50	67.3	70.1	72.6	74.7	76.4	76.9	77.0	77.0	77.1	77.2
63	70.6	73.5	76.0	78.2	80.0	80.5	80.6	80.6	80.7	80.8
80	73.5	76.5	79.0	81.2	83.1	83.6	83.7	83.7	83.8	83.9
100	75.6	78.6	81.2	83.4	85.4	85.8	85.9	86.0	86.0	86.1
125	76.5	79.6	82.1	84.4	86.3	86.8	86.9	86.9	86.9	87.0
160	77.2	80.2	82.7	84.9	86.8	87.4	87.5	87.5	87.5	87.4
200	77.9	80.9	83.4	85.6	87.5	88.1	88.2	88.1	88.1	88.0
250	79.1	82.1	84.6	86.7	88.5	89.1	89.3	89.2	89.1	89.0
315	80.2	83.3	85.7	87.7	89.5	90.2	90.4	90.2	90.1	90.0
400	81.2	84.5	86.9	88.9	90.7	91.4	91.6	91.3	91.2	91.0
500	82.1	85.7	88.1	90.2	91.9	92.7	92.9	92.6	92.4	92.2
630	82.8	86.5	89.1	91.3	93.1	93.9	94.0	93.8	93.6	93.4
800	82.9	86.8	89.6	91.9	93.9	94.5	94.7	94.5	94.5	94.3
1000	83.4	87.5	90.4	92.8	94.9	95.5	95.6	95.6	95.6	95.5
1250	84.2	88.4	91.4	94.0	96.2	96.7	96.8	96.8	96.9	96.9
1600	84.7	88.9	92.0	94.7	97.0	97.5	97.5	97.6	97.7	97.8
2000	84.1	88.4	91.5	94.2	96.6	97.0	97.1	97.2	97.3	97.3
2500	82.7	86.9	90.0	92.8	95.2	95.7	95.7	95.8	95.9	95.9
3150	80.5	84.7	87.9	90.6	93.0	93.5	93.5	93.6	93.7	93.8
4000	77.2	81.3	84.5	87.2	89.6	90.1	90.1	90.2	90.3	90.4
5000	72.4	76.5	79.6	82.3	84.7	85.2	85.2	85.3	85.4	85.5
6300	65.2	69.3	72.4	75.1	77.5	77.9	77.9	78.0	78.1	78.2
8000	54.9	58.9	62.0	64.7	67.1	67.6	67.6	67.7	67.8	67.8
10000	42.4	46.4	49.5	52.3	54.7	55.1	55.1	55.2	55.3	55.4

Subject to technical change without prior notice.

Tab. 4: One-third octave band level for E-160 EP5 E2-MST-120-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.7	57.0	57.1	57.2	57.3	57.3	57.4	57.4	57.4
25	62.9	63.1	63.2	63.3	63.4	63.4	63.4	63.5	63.5
31.5	68.3	68.5	68.7	68.7	68.8	68.8	68.8	68.9	68.9
40	73.1	73.3	73.4	73.5	73.5	73.6	73.6	73.6	73.6
50	77.2	77.4	77.6	77.6	77.7	77.7	77.7	77.8	77.8
63	80.8	81.0	81.1	81.2	81.3	81.3	81.3	81.4	81.4
80	83.9	84.1	84.2	84.3	84.4	84.4	84.4	84.5	84.5
100	86.1	86.2	86.4	86.5	86.5	86.6	86.6	86.7	86.7
125	87.0	87.1	87.2	87.3	87.4	87.5	87.5	87.6	87.6
160	87.4	87.5	87.7	87.8	87.9	88.0	88.1	88.1	88.2
200	88.0	88.0	88.2	88.4	88.5	88.6	88.7	88.8	88.9
250	89.0	89.0	89.2	89.4	89.5	89.6	89.8	89.8	90.0
315	89.9	89.9	90.1	90.3	90.4	90.5	90.7	90.8	91.0
400	90.9	90.9	91.1	91.2	91.4	91.5	91.7	91.8	92.0
500	92.0	91.9	92.1	92.2	92.4	92.5	92.7	92.8	92.9
630	93.1	92.9	93.0	93.1	93.3	93.3	93.5	93.5	93.7
800	94.0	93.6	93.7	93.7	93.8	93.9	94.0	94.0	94.0
1000	95.3	94.9	94.8	94.8	94.9	94.9	94.9	94.9	94.9
1250	96.8	96.6	96.4	96.4	96.3	96.3	96.3	96.2	96.2
1600	97.8	97.9	97.7	97.6	97.5	97.4	97.4	97.3	97.2
2000	97.4	97.7	97.6	97.5	97.4	97.3	97.2	97.2	97.1
2500	96.0	96.3	96.4	96.4	96.3	96.2	96.2	96.1	96.0
3150	93.9	94.2	94.4	94.4	94.4	94.3	94.3	94.3	94.2
4000	90.5	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2
5000	85.6	86.0	86.2	86.4	86.5	86.5	86.5	86.5	86.5
6300	78.4	78.7	79.1	79.3	79.4	79.4	79.5	79.5	79.5
8000	68.0	68.4	68.8	69.0	69.1	69.2	69.2	69.3	69.3
10000	55.5	55.9	56.4	56.6	56.8	56.8	56.9	56.9	56.9

Subject to technical change without prior notice.

2.3 One-third octave band level E-160 EP5 E2-MST-140-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 5: One-third octave band level for E-160 EP5 E2-MST-140-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.7	51.1	53.1	54.9	56.4	<i>56.5</i>	56.6	56.7	56.8	56.9
25	54.4	57.0	59.1	61.0	62.5	<i>62.7</i>	62.7	62.9	62.9	63.0
31.5	59.5	62.2	64.4	66.3	68.0	<i>68.1</i>	68.2	68.3	68.3	68.4
40	64.0	66.7	69.1	71.1	72.8	<i>72.9</i>	73.0	73.1	73.1	73.2
50	67.8	70.6	73.1	75.2	76.9	<i>77.1</i>	77.1	77.3	77.3	77.4
63	71.2	74.1	76.6	78.7	80.6	<i>80.7</i>	80.8	80.9	80.9	81.0
80	74.1	77.0	79.6	81.8	83.7	<i>83.8</i>	83.9	84.0	84.0	84.1
100	76.1	79.1	81.7	84.0	85.9	<i>86.0</i>	86.1	86.2	86.2	86.3
125	77.1	80.1	82.7	84.9	86.8	<i>87.0</i>	87.1	87.1	87.1	87.2
160	77.7	80.7	83.3	85.5	87.4	<i>87.6</i>	87.6	87.6	87.6	87.6
200	78.4	81.4	84.0	86.2	88.0	<i>88.3</i>	88.3	88.3	88.2	88.2
250	79.6	82.6	85.1	87.2	89.1	<i>89.4</i>	89.4	89.3	89.2	89.2
315	80.6	83.7	86.2	88.3	90.0	<i>90.4</i>	90.5	90.3	90.2	90.1
400	81.7	85.0	87.4	89.4	91.2	<i>91.7</i>	91.7	91.4	91.3	91.2
500	82.6	86.1	88.6	90.7	92.4	<i>93.0</i>	93.0	92.7	92.5	92.3
630	83.3	86.9	89.6	91.8	93.6	<i>94.0</i>	94.1	93.9	93.7	93.5
800	83.4	87.3	90.1	92.4	94.4	<i>94.7</i>	94.7	94.6	94.5	94.4
1000	83.9	88.0	90.9	93.3	95.4	<i>95.6</i>	95.7	95.7	95.6	95.6
1250	84.7	88.8	91.9	94.4	96.7	<i>96.8</i>	96.8	96.9	96.9	96.9
1600	85.2	89.4	92.5	95.1	97.4	<i>97.5</i>	97.5	97.7	97.7	97.8
2000	84.6	88.7	91.9	94.6	96.9	<i>97.0</i>	97.0	97.2	97.2	97.3
2500	83.1	87.2	90.4	93.1	95.4	<i>95.5</i>	95.5	95.7	95.7	95.8
3150	80.7	84.9	88.0	90.8	93.1	<i>93.2</i>	93.2	93.4	93.4	93.5
4000	77.2	81.2	84.4	87.1	89.5	<i>89.5</i>	89.6	89.7	89.8	89.9
5000	72.0	76.0	79.1	81.9	84.2	<i>84.3</i>	84.3	84.5	84.5	84.6
6300	64.3	68.2	71.3	74.0	76.4	<i>76.4</i>	76.5	76.6	76.7	76.8
8000	53.0	56.9	60.0	62.8	65.1	<i>65.1</i>	65.2	65.3	65.3	65.4
10000	39.2	43.1	46.2	49.0	51.3	<i>51.3</i>	51.4	51.5	51.6	51.7

Subject to technical change without prior notice.

Tab. 6: One-third octave band level for E-160 EP5 E2-MST-140-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.0	57.2	57.4	57.4	57.5	57.5	57.6	57.6	57.6
25	63.1	63.3	63.5	63.5	63.6	63.6	63.6	63.7	63.7
31.5	68.5	68.8	68.9	69.0	69.0	69.0	69.0	69.1	69.1
40	73.3	73.5	73.7	73.7	73.7	73.8	73.8	73.8	73.9
50	77.5	77.7	77.8	77.9	77.9	77.9	77.9	78.0	78.0
63	81.1	81.3	81.4	81.5	81.5	81.5	81.5	81.6	81.6
80	84.1	84.3	84.5	84.5	84.6	84.6	84.6	84.7	84.7
100	86.3	86.5	86.6	86.7	86.7	86.8	86.8	86.9	86.9
125	87.2	87.3	87.5	87.6	87.6	87.7	87.7	87.8	87.8
160	87.7	87.7	87.9	88.0	88.1	88.2	88.3	88.3	88.4
200	88.2	88.3	88.5	88.6	88.7	88.8	88.9	89.0	89.1
250	89.2	89.3	89.4	89.6	89.7	89.9	90.0	90.0	90.2
315	90.1	90.2	90.3	90.5	90.7	90.8	90.9	91.0	91.2
400	91.1	91.1	91.3	91.5	91.6	91.8	91.9	92.0	92.2
500	92.1	92.1	92.3	92.4	92.6	92.7	92.9	92.9	93.1
630	93.2	93.1	93.2	93.3	93.4	93.6	93.6	93.7	93.8
800	94.0	93.8	93.8	93.9	94.0	94.0	94.1	94.1	94.1
1000	95.3	95.0	94.9	95.0	95.0	95.0	95.0	95.0	95.0
1250	96.9	96.6	96.5	96.4	96.4	96.3	96.3	96.3	96.3
1600	97.9	97.9	97.7	97.6	97.5	97.4	97.4	97.3	97.2
2000	97.5	97.6	97.5	97.4	97.3	97.2	97.1	97.1	97.0
2500	96.0	96.2	96.3	96.2	96.1	96.1	96.0	96.0	95.9
3150	93.7	94.0	94.1	94.1	94.1	94.0	94.0	94.0	93.9
4000	90.1	90.4	90.6	90.6	90.6	90.6	90.6	90.7	90.6
5000	84.8	85.2	85.4	85.5	85.5	85.6	85.6	85.6	85.6
6300	77.0	77.4	77.7	77.8	77.9	77.9	78.0	78.0	78.0
8000	65.6	66.1	66.5	66.6	66.7	66.8	66.8	66.9	66.9
10000	51.8	52.3	52.8	52.9	53.0	53.1	53.1	53.2	53.2

Subject to technical change without prior notice.

2.4 One-third octave band level E-160 EP5 E2-MST-166-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 7: One-third octave band level for E-160 EP5 E2-MST-166-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.2	51.6	53.7	55.4	56.7	56.8	56.9	57.0	57.1	57.1
25	55.0	57.5	59.7	61.5	62.8	62.9	63.0	63.1	63.2	63.2
31.5	60.1	62.7	65.0	66.9	68.3	68.4	68.5	68.6	68.6	68.7
40	64.5	67.3	69.7	71.6	73.1	73.2	73.3	73.3	73.4	73.5
50	68.4	71.2	73.7	75.7	77.2	77.4	77.4	77.5	77.6	77.6
63	71.8	74.7	77.2	79.3	80.9	81.0	81.1	81.1	81.2	81.2
80	74.7	77.6	80.2	82.4	84.0	84.1	84.2	84.2	84.3	84.3
100	76.7	79.7	82.4	84.6	86.2	86.3	86.4	86.4	86.5	86.5
125	77.7	80.7	83.3	85.5	87.1	87.3	87.3	87.3	87.4	87.4
160	78.3	81.3	83.9	86.1	87.7	87.8	87.9	87.8	87.9	87.8
200	79.0	82.0	84.6	86.7	88.3	88.5	88.5	88.5	88.5	88.4
250	80.2	83.1	85.7	87.8	89.3	89.6	89.6	89.5	89.4	89.4
315	81.2	84.3	86.7	88.8	90.3	90.7	90.6	90.4	90.4	90.3
400	82.3	85.5	87.9	90.0	91.5	92.0	91.8	91.5	91.4	91.3
500	83.3	86.6	89.1	91.2	92.7	93.2	93.1	92.8	92.6	92.4
630	83.9	87.5	90.1	92.3	93.8	94.3	94.2	93.9	93.8	93.6
800	84.1	87.8	90.6	92.9	94.6	94.8	94.8	94.7	94.6	94.5
1000	84.6	88.5	91.4	93.8	95.6	95.7	95.8	95.8	95.7	95.7
1250	85.3	89.3	92.4	94.9	96.8	96.8	96.9	96.9	97.0	97.0
1600	85.8	89.8	93.0	95.6	97.5	97.5	97.6	97.7	97.8	97.8
2000	85.1	89.1	92.3	95.0	96.9	96.9	97.0	97.1	97.2	97.2
2500	83.4	87.5	90.7	93.3	95.3	95.3	95.4	95.5	95.6	95.6
3150	80.9	84.9	88.1	90.8	92.8	92.8	92.9	93.0	93.1	93.1
4000	77.0	81.0	84.2	86.9	88.8	88.8	88.9	89.0	89.1	89.2
5000	71.4	75.3	78.4	81.1	83.1	83.1	83.2	83.3	83.4	83.4
6300	62.9	66.7	69.9	72.5	74.5	74.5	74.6	74.7	74.8	74.8
8000	50.3	54.2	57.4	60.0	62.0	61.9	62.0	62.1	62.2	62.3
10000	34.8	38.6	41.8	44.5	46.4	46.4	46.5	46.6	46.7	46.7

Subject to technical change without prior notice.

Tab. 8: One-third octave band level for E-160 EP5 E2-MST-166-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.4	57.6	57.7	57.7	57.8	57.8	57.8	57.9	57.9
25	63.5	63.7	63.8	63.8	63.8	63.9	63.9	63.9	64.0
31.5	68.9	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.4
40	73.7	73.8	74.0	74.0	74.0	74.0	74.1	74.1	74.1
50	77.8	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.3
63	81.4	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8
80	84.5	84.6	84.8	84.8	84.8	84.8	84.9	84.9	84.9
100	86.6	86.8	86.9	87.0	87.0	87.0	87.1	87.1	87.1
125	87.5	87.6	87.8	87.9	87.9	88.0	88.0	88.1	88.1
160	87.9	88.0	88.2	88.3	88.4	88.5	88.5	88.6	88.7
200	88.4	88.6	88.7	88.9	89.0	89.1	89.2	89.3	89.4
250	89.4	89.5	89.7	89.9	90.0	90.1	90.2	90.4	90.5
315	90.3	90.4	90.6	90.8	90.9	91.1	91.2	91.3	91.5
400	91.2	91.4	91.5	91.8	91.9	92.0	92.2	92.3	92.4
500	92.2	92.3	92.5	92.7	92.8	93.0	93.1	93.2	93.3
630	93.2	93.2	93.4	93.6	93.7	93.8	93.8	93.9	94.0
800	94.0	93.9	94.0	94.1	94.1	94.2	94.2	94.3	94.3
1000	95.3	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
1250	96.9	96.6	96.5	96.5	96.4	96.4	96.4	96.3	96.3
1600	98.0	97.8	97.7	97.6	97.5	97.4	97.3	97.3	97.2
2000	97.5	97.6	97.4	97.3	97.2	97.1	97.1	97.0	96.9
2500	95.9	96.1	96.1	96.0	95.9	95.8	95.8	95.7	95.7
3150	93.4	93.7	93.8	93.7	93.7	93.6	93.6	93.6	93.5
4000	89.5	89.8	89.9	90.0	89.9	89.9	89.9	89.9	89.9
5000	83.8	84.1	84.3	84.4	84.4	84.4	84.4	84.4	84.4
6300	75.2	75.6	75.8	75.9	76.0	76.0	76.1	76.1	76.1
8000	62.7	63.1	63.4	63.5	63.6	63.6	63.7	63.7	63.7
10000	47.1	47.6	47.9	48.1	48.1	48.2	48.2	48.2	48.3

Subject to technical change without prior notice.

3 Operating mode 105.2 dB

3.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 9: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	50.2	51.6	53.0	54.2	55.2	55.7	55.8	55.8	55.9	56.0	56.0
25	56.1	57.5	59.0	60.2	61.3	61.8	61.9	62.0	62.0	62.1	62.1
31.5	61.2	62.7	64.3	65.6	66.8	67.3	67.4	67.4	67.4	67.5	67.5
40	65.7	67.3	68.9	70.3	71.5	72.1	72.1	72.1	72.2	72.3	72.3
50	69.7	71.3	73.0	74.4	75.6	76.2	76.3	76.3	76.3	76.4	76.4
63	73.1	74.8	76.4	77.9	79.2	79.8	79.9	79.9	79.9	80.0	80.0
80	76.0	77.7	79.4	81.0	82.3	82.9	83.0	83.0	83.0	83.1	83.1
100	78.1	79.8	81.6	83.1	84.5	85.1	85.2	85.2	85.2	85.3	85.3
125	79.1	80.8	82.6	84.1	85.4	86.1	86.2	86.2	86.2	86.2	86.2
160	79.7	81.4	83.2	84.7	86.0	86.7	86.8	86.8	86.8	86.7	86.8
200	80.5	82.2	83.9	85.3	86.7	87.3	87.5	87.5	87.4	87.4	87.4
250	81.6	83.3	85.0	86.4	87.7	88.4	88.6	88.6	88.5	88.4	88.4
315	82.8	84.4	86.1	87.5	88.8	89.4	89.8	89.7	89.6	89.5	89.4
400	84.1	85.7	87.3	88.7	89.9	90.6	91.1	91.0	90.8	90.6	90.5
500	85.2	86.9	88.5	89.9	91.2	91.9	92.3	92.3	92.1	91.9	91.8
630	86.0	87.8	89.5	91.0	92.3	93.1	93.4	93.3	93.2	93.1	93.0
800	86.3	88.2	90.0	91.6	93.0	93.7	93.9	93.9	93.9	93.8	93.8
1000	86.9	88.9	90.8	92.5	94.0	94.7	94.8	94.8	94.8	94.8	94.8
1250	87.8	89.9	91.9	93.6	95.2	95.9	95.9	95.9	96.0	96.0	96.0
1600	88.3	90.5	92.5	94.3	96.0	96.7	96.7	96.7	96.7	96.8	96.8
2000	87.7	89.9	92.0	93.8	95.5	96.2	96.2	96.2	96.3	96.3	96.4
2500	86.3	88.5	90.6	92.4	94.1	94.8	94.8	94.8	94.9	94.9	95.0
3150	84.1	86.3	88.4	90.2	91.9	92.6	92.6	92.6	92.7	92.8	92.8
4000	80.7	82.9	85.0	86.9	88.5	89.2	89.2	89.2	89.3	89.4	89.4
5000	75.9	78.0	80.1	82.0	83.6	84.3	84.3	84.3	84.4	84.5	84.5
6300	68.7	70.8	72.9	74.7	76.4	77.1	77.1	77.1	77.1	77.2	77.2
8000	58.3	60.5	62.5	64.4	66.0	66.7	66.7	66.7	66.8	66.8	66.8

Subject to technical change without prior notice.

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	45.7	47.9	50.0	51.9	53.6	54.3	54.2	54.3	54.3	54.4	54.4

Tab. 10: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	56.1	56.1	56.2	56.2	56.4	56.5	56.6	56.7	56.7	56.7
25	62.2	62.2	62.3	62.3	62.4	62.6	62.7	62.7	62.8	62.8
31.5	67.6	67.6	67.7	67.7	67.8	68.0	68.1	68.1	68.2	68.2
40	72.3	72.4	72.4	72.5	72.6	72.7	72.8	72.9	72.9	72.9
50	76.5	76.5	76.6	76.6	76.7	76.9	76.9	77.0	77.0	77.0
63	80.1	80.1	80.1	80.2	80.3	80.4	80.5	80.5	80.6	80.6
80	83.1	83.2	83.2	83.3	83.4	83.5	83.5	83.6	83.6	83.7
100	85.3	85.4	85.4	85.4	85.5	85.6	85.7	85.8	85.8	85.8
125	86.2	86.2	86.3	86.3	86.4	86.4	86.5	86.6	86.7	86.7
160	86.7	86.7	86.8	86.7	86.8	86.8	87.0	87.0	87.1	87.2
200	87.4	87.3	87.3	87.3	87.3	87.4	87.6	87.6	87.7	87.8
250	88.4	88.3	88.3	88.3	88.3	88.4	88.6	88.6	88.7	88.8
315	89.3	89.3	89.3	89.2	89.2	89.3	89.5	89.5	89.7	89.7
400	90.4	90.4	90.3	90.2	90.2	90.2	90.4	90.5	90.7	90.7
500	91.6	91.5	91.4	91.3	91.2	91.2	91.4	91.5	91.6	91.7
630	92.8	92.7	92.6	92.4	92.2	92.2	92.3	92.4	92.5	92.6
800	93.7	93.6	93.5	93.2	93.0	92.9	93.0	93.0	93.1	93.1
1000	94.8	94.8	94.7	94.6	94.3	94.1	94.1	94.1	94.1	94.1
1250	96.0	96.1	96.1	96.1	95.9	95.7	95.6	95.6	95.5	95.5
1600	96.9	96.9	97.0	97.0	97.1	97.0	96.8	96.8	96.7	96.6
2000	96.4	96.5	96.5	96.6	96.8	96.8	96.7	96.7	96.6	96.5
2500	95.0	95.1	95.1	95.2	95.4	95.6	95.6	95.5	95.4	95.4
3150	92.9	92.9	93.0	93.1	93.3	93.4	93.5	93.5	93.5	93.5
4000	89.5	89.5	89.6	89.7	89.9	90.1	90.2	90.3	90.3	90.3
5000	84.6	84.6	84.7	84.8	85.1	85.3	85.4	85.5	85.5	85.6
6300	77.3	77.4	77.4	77.5	77.8	78.1	78.2	78.4	78.4	78.5
8000	66.9	67.0	67.0	67.1	67.4	67.8	68.0	68.1	68.2	68.2
10000	54.5	54.5	54.6	54.7	55.0	55.4	55.6	55.7	55.8	55.9

Subject to technical change without prior notice.

3.2 One-third octave band level E-160 EP5 E2-MST-120-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 11: One-third octave band level for E-160 EP5 E2-MST-120-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.2	50.6	52.7	54.4	55.5	55.8	55.8	56.0	56.0	56.1
25	53.9	56.5	58.6	60.5	61.7	61.9	62.0	62.1	62.1	62.2
31.5	59.0	61.6	63.9	65.9	67.1	67.4	67.4	67.5	67.5	67.6
40	63.4	66.2	68.5	70.6	71.9	72.1	72.2	72.2	72.3	72.4
50	67.3	70.1	72.6	74.7	76.0	76.3	76.3	76.4	76.4	76.5
63	70.6	73.5	76.0	78.2	79.6	79.9	79.9	80.0	80.0	80.1
80	73.5	76.5	79.0	81.2	82.7	83.0	83.0	83.1	83.1	83.2
100	75.6	78.6	81.2	83.4	84.9	85.2	85.2	85.3	85.3	85.4
125	76.5	79.6	82.1	84.4	85.9	86.2	86.2	86.2	86.2	86.2
160	77.2	80.2	82.7	84.9	86.4	86.8	86.8	86.8	86.8	86.7
200	77.9	80.9	83.4	85.6	87.1	87.5	87.5	87.4	87.4	87.3
250	79.1	82.1	84.6	86.7	88.2	88.6	88.6	88.5	88.4	88.3
315	80.2	83.3	85.7	87.7	89.2	89.8	89.6	89.5	89.4	89.3
400	81.2	84.5	86.9	88.9	90.4	91.1	90.9	90.6	90.5	90.4
500	82.1	85.7	88.1	90.2	91.7	92.3	92.2	91.9	91.7	91.5
630	82.8	86.5	89.1	91.3	92.8	93.3	93.3	93.1	92.9	92.7
800	82.9	86.8	89.6	91.9	93.5	93.9	93.9	93.8	93.7	93.6
1000	83.4	87.5	90.4	92.8	94.5	94.8	94.8	94.8	94.8	94.7
1250	84.2	88.4	91.4	94.0	95.7	95.9	95.9	96.0	96.0	96.1
1600	84.7	88.9	92.0	94.7	96.4	96.7	96.7	96.8	96.9	96.9
2000	84.1	88.4	91.5	94.2	96.0	96.2	96.2	96.3	96.4	96.5
2500	82.7	86.9	90.0	92.8	94.6	94.8	94.8	94.9	95.0	95.1
3150	80.5	84.7	87.9	90.6	92.4	92.6	92.6	92.8	92.8	92.9
4000	77.2	81.3	84.5	87.2	89.0	89.2	89.3	89.4	89.4	89.5
5000	72.4	76.5	79.6	82.3	84.1	84.3	84.4	84.5	84.5	84.6
6300	65.2	69.3	72.4	75.1	76.8	77.1	77.1	77.2	77.3	77.4
8000	54.9	58.9	62.0	64.7	66.5	66.7	66.7	66.8	66.9	67.0
10000	42.4	46.4	49.5	52.3	54.0	54.2	54.3	54.4	54.5	54.5

Subject to technical change without prior notice.

Tab. 12: One-third octave band level for E-160 EP5 E2-MST-120-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.2	56.4	56.6	56.7	56.7	56.8	56.8	56.8	56.9
25	62.3	62.4	62.6	62.7	62.8	62.8	62.9	62.9	62.9
31.5	67.7	67.8	68.0	68.1	68.2	68.2	68.2	68.3	68.3
40	72.5	72.6	72.8	72.8	72.9	73.0	73.0	73.0	73.0
50	76.6	76.7	76.9	77.0	77.1	77.1	77.1	77.1	77.1
63	80.2	80.3	80.4	80.5	80.6	80.6	80.7	80.7	80.7
80	83.3	83.4	83.5	83.6	83.7	83.7	83.7	83.7	83.8
100	85.4	85.5	85.7	85.7	85.8	85.9	85.9	85.9	85.9
125	86.3	86.4	86.5	86.6	86.7	86.8	86.8	86.9	86.9
160	86.8	86.8	86.9	87.0	87.2	87.2	87.3	87.4	87.5
200	87.3	87.3	87.5	87.6	87.8	87.9	87.9	88.1	88.1
250	88.3	88.3	88.5	88.6	88.8	88.9	89.0	89.1	89.2
315	89.2	89.2	89.4	89.5	89.7	89.8	89.9	90.1	90.2
400	90.3	90.2	90.3	90.5	90.7	90.8	90.9	91.1	91.2
500	91.3	91.2	91.3	91.5	91.7	91.8	91.9	92.1	92.1
630	92.5	92.2	92.3	92.4	92.5	92.6	92.7	92.8	92.9
800	93.4	93.0	92.9	93.0	93.1	93.1	93.1	93.2	93.2
1000	94.6	94.3	94.1	94.1	94.1	94.1	94.1	94.1	94.1
1250	96.1	95.9	95.7	95.6	95.5	95.5	95.5	95.4	95.4
1600	97.0	97.1	96.9	96.8	96.7	96.6	96.6	96.5	96.4
2000	96.6	96.8	96.8	96.7	96.6	96.5	96.4	96.3	96.3
2500	95.2	95.4	95.6	95.5	95.5	95.4	95.3	95.3	95.2
3150	93.0	93.3	93.5	93.5	93.5	93.5	93.5	93.4	93.4
4000	89.7	89.9	90.1	90.2	90.3	90.3	90.3	90.3	90.3
5000	84.8	85.1	85.3	85.5	85.6	85.6	85.6	85.6	85.6
6300	77.5	77.8	78.2	78.3	78.5	78.5	78.6	78.6	78.6
8000	67.1	67.4	67.9	68.1	68.2	68.3	68.4	68.4	68.4
10000	54.6	55.0	55.5	55.7	55.9	55.9	56.0	56.0	56.0

Subject to technical change without prior notice.

3.3 One-third octave band level E-160 EP5 E2-MST-140-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 13: One-third octave band level for E-160 EP5 E2-MST-140-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.7	51.1	53.1	54.9	55.9	<i>56.0</i>	56.1	56.2	56.3	56.3
25	54.4	57.0	59.1	61.0	62.0	<i>62.1</i>	62.2	62.3	62.4	62.4
31.5	59.5	62.2	64.4	66.3	67.4	<i>67.6</i>	67.6	67.7	67.8	67.8
40	64.0	66.7	69.1	71.1	72.2	<i>72.3</i>	72.4	72.4	72.5	72.6
50	67.8	70.6	73.1	75.2	76.4	<i>76.5</i>	76.5	76.6	76.7	76.7
63	71.2	74.1	76.6	78.7	80.0	<i>80.1</i>	80.1	80.2	80.2	80.3
80	74.1	77.0	79.6	81.8	83.0	<i>83.2</i>	83.2	83.3	83.3	83.4
100	76.1	79.1	81.7	84.0	85.2	<i>85.4</i>	85.4	85.4	85.5	85.6
125	77.1	80.1	82.7	84.9	86.2	<i>86.3</i>	86.4	86.4	86.4	86.4
160	77.7	80.7	83.3	85.5	86.8	<i>86.9</i>	86.9	86.9	86.9	86.9
200	78.4	81.4	84.0	86.2	87.5	<i>87.6</i>	87.6	87.5	87.5	87.5
250	79.6	82.6	85.1	87.2	88.5	<i>88.7</i>	88.7	88.6	88.5	88.5
315	80.6	83.7	86.2	88.3	89.6	<i>89.9</i>	89.7	89.6	89.5	89.4
400	81.7	85.0	87.4	89.4	90.8	<i>91.1</i>	90.9	90.7	90.6	90.5
500	82.6	86.1	88.6	90.7	92.0	<i>92.4</i>	92.2	91.9	91.8	91.6
630	83.3	86.9	89.6	91.8	93.1	<i>93.4</i>	93.3	93.1	92.9	92.7
800	83.4	87.3	90.1	92.4	93.8	<i>94.0</i>	94.0	93.9	93.8	93.6
1000	83.9	88.0	90.9	93.3	94.8	<i>94.9</i>	94.9	94.9	94.9	94.8
1250	84.7	88.8	91.9	94.4	95.9	<i>96.0</i>	96.0	96.0	96.1	96.1
1600	85.2	89.4	92.5	95.1	96.6	<i>96.7</i>	96.8	96.8	96.9	97.0
2000	84.6	88.7	91.9	94.6	96.1	<i>96.1</i>	96.2	96.3	96.4	96.5
2500	83.1	87.2	90.4	93.1	94.6	<i>94.6</i>	94.7	94.8	94.9	95.0
3150	80.7	84.9	88.0	90.8	92.3	<i>92.3</i>	92.4	92.5	92.6	92.7
4000	77.2	81.2	84.4	87.1	88.7	<i>88.7</i>	88.8	88.8	88.9	89.0
5000	72.0	76.0	79.1	81.9	83.4	<i>83.4</i>	83.5	83.6	83.7	83.8
6300	64.3	68.2	71.3	74.0	75.6	<i>75.6</i>	75.7	75.7	75.8	75.9
8000	53.0	56.9	60.0	62.8	64.3	<i>64.3</i>	64.4	64.4	64.5	64.6
10000	39.2	43.1	46.2	49.0	50.5	<i>50.5</i>	50.6	50.6	50.7	50.8

Subject to technical change without prior notice.

Tab. 14: One-third octave band level for E-160 EP5 E2-MST-140-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.4	56.6	56.8	56.9	57.0	57.0	57.0	57.1	57.1
25	62.5	62.7	62.9	63.0	63.0	63.0	63.0	63.1	63.1
31.5	67.9	68.1	68.3	68.4	68.4	68.4	68.4	68.5	68.5
40	72.7	72.8	73.0	73.1	73.1	73.1	73.2	73.2	73.2
50	76.8	77.0	77.1	77.2	77.3	77.3	77.3	77.3	77.3
63	80.4	80.6	80.7	80.8	80.8	80.8	80.8	80.9	80.9
80	83.4	83.6	83.7	83.8	83.9	83.9	83.9	83.9	84.0
100	85.6	85.8	85.9	86.0	86.0	86.1	86.1	86.1	86.2
125	86.5	86.6	86.7	86.8	86.9	87.0	87.0	87.1	87.1
160	86.9	87.0	87.2	87.3	87.4	87.5	87.5	87.6	87.7
200	87.5	87.5	87.7	87.8	88.0	88.1	88.2	88.3	88.3
250	88.4	88.5	88.7	88.8	89.0	89.1	89.2	89.3	89.4
315	89.4	89.4	89.6	89.8	89.9	90.1	90.2	90.3	90.4
400	90.3	90.3	90.6	90.7	90.9	91.0	91.2	91.3	91.4
500	91.4	91.3	91.5	91.7	91.9	92.0	92.1	92.2	92.3
630	92.5	92.3	92.4	92.6	92.7	92.8	92.9	93.0	93.0
800	93.3	93.0	93.1	93.1	93.2	93.3	93.3	93.3	93.4
1000	94.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
1250	96.1	95.9	95.7	95.6	95.6	95.5	95.5	95.5	95.5
1600	97.1	97.1	96.9	96.8	96.7	96.6	96.5	96.5	96.4
2000	96.6	96.8	96.7	96.6	96.5	96.4	96.3	96.3	96.2
2500	95.1	95.3	95.4	95.4	95.3	95.2	95.2	95.1	95.0
3150	92.8	93.1	93.2	93.2	93.2	93.2	93.1	93.1	93.1
4000	89.2	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8
5000	83.9	84.3	84.5	84.6	84.7	84.7	84.7	84.8	84.8
6300	76.1	76.5	76.8	76.9	77.0	77.0	77.1	77.1	77.1
8000	64.7	65.2	65.5	65.7	65.8	65.9	65.9	66.0	66.0
10000	50.9	51.4	51.8	52.0	52.1	52.2	52.2	52.3	52.3

Subject to technical change without prior notice.

3.4 One-third octave band level E-160 EP5 E2-MST-166-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 15: One-third octave band level for E-160 EP5 E2-MST-166-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.2	51.6	53.7	55.4	56.2	56.3	56.3	56.4	56.5	56.6
25	55.0	57.5	59.7	61.5	62.3	62.4	62.5	62.5	62.6	62.7
31.5	60.1	62.7	65.0	66.9	67.7	67.8	67.9	67.9	68.0	68.1
40	64.5	67.3	69.7	71.6	72.5	72.6	72.6	72.7	72.8	72.8
50	68.4	71.2	73.7	75.7	76.6	76.7	76.8	76.8	76.9	77.0
63	71.8	74.7	77.2	79.3	80.2	80.3	80.4	80.4	80.5	80.6
80	74.7	77.6	80.2	82.4	83.3	83.4	83.5	83.5	83.5	83.6
100	76.7	79.7	82.4	84.6	85.5	85.6	85.7	85.7	85.7	85.8
125	77.7	80.7	83.3	85.5	86.5	86.6	86.6	86.6	86.6	86.7
160	78.3	81.3	83.9	86.1	87.1	87.2	87.1	87.1	87.2	87.1
200	79.0	82.0	84.6	86.7	87.7	87.8	87.8	87.8	87.8	87.7
250	80.2	83.1	85.7	87.8	88.8	88.9	88.8	88.8	88.8	88.7
315	81.2	84.3	86.7	88.8	89.9	90.0	89.9	89.7	89.7	89.6
400	82.3	85.5	87.9	90.0	91.1	91.3	91.0	90.8	90.7	90.6
500	83.3	86.6	89.1	91.2	92.3	92.5	92.3	92.1	91.9	91.7
630	83.9	87.5	90.1	92.3	93.4	93.6	93.4	93.2	93.1	92.8
800	84.1	87.8	90.6	92.9	94.0	94.1	94.0	94.0	93.9	93.7
1000	84.6	88.5	91.4	93.8	94.9	95.0	95.0	95.0	95.0	94.9
1250	85.3	89.3	92.4	94.9	96.0	96.0	96.1	96.1	96.2	96.2
1600	85.8	89.8	93.0	95.6	96.7	96.7	96.8	96.8	96.9	97.0
2000	85.1	89.1	92.3	95.0	96.0	96.1	96.2	96.2	96.3	96.4
2500	83.4	87.5	90.7	93.3	94.4	94.5	94.6	94.6	94.7	94.8
3150	80.9	84.9	88.1	90.8	91.9	91.9	92.0	92.1	92.2	92.3
4000	77.0	81.0	84.2	86.9	88.0	88.0	88.1	88.1	88.2	88.3
5000	71.4	75.3	78.4	81.1	82.2	82.2	82.3	82.4	82.5	82.6
6300	62.9	66.7	69.9	72.5	73.6	73.6	73.7	73.8	73.9	74.0
8000	50.3	54.2	57.4	60.0	61.1	61.1	61.2	61.2	61.3	61.4
10000	34.8	38.6	41.8	44.5	45.6	45.6	45.7	45.7	45.8	45.9

Subject to technical change without prior notice.

Tab. 16: One-third octave band level for E-160 EP5 E2-MST-166-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.7	57.0	57.1	57.2	57.2	57.2	57.3	57.3	57.3
25	62.8	63.1	63.2	63.2	63.3	63.3	63.3	63.3	63.4
31.5	68.2	68.5	68.5	68.6	68.7	68.7	68.7	68.7	68.7
40	73.0	73.2	73.3	73.3	73.4	73.4	73.4	73.4	73.5
50	77.1	77.3	77.4	77.5	77.5	77.5	77.5	77.6	77.6
63	80.7	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.2
80	83.7	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.2
100	85.9	86.1	86.2	86.2	86.3	86.3	86.3	86.4	86.4
125	86.7	86.9	87.0	87.1	87.2	87.2	87.3	87.3	87.4
160	87.2	87.3	87.5	87.6	87.6	87.7	87.8	87.9	87.9
200	87.7	87.8	88.0	88.2	88.2	88.4	88.5	88.5	88.6
250	88.7	88.8	89.0	89.1	89.2	89.4	89.5	89.6	89.7
315	89.6	89.6	89.9	90.1	90.2	90.3	90.5	90.6	90.7
400	90.5	90.6	90.9	91.0	91.1	91.3	91.4	91.5	91.7
500	91.5	91.5	91.8	92.0	92.1	92.2	92.4	92.4	92.5
630	92.5	92.5	92.7	92.8	92.9	93.0	93.1	93.1	93.2
800	93.3	93.1	93.3	93.3	93.4	93.4	93.5	93.5	93.5
1000	94.6	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
1250	96.1	95.8	95.7	95.7	95.6	95.6	95.6	95.5	95.5
1600	97.1	97.0	96.8	96.7	96.7	96.6	96.5	96.5	96.4
2000	96.6	96.8	96.6	96.5	96.4	96.3	96.2	96.1	96.1
2500	95.0	95.3	95.2	95.1	95.1	95.0	94.9	94.9	94.8
3150	92.5	92.8	92.8	92.8	92.8	92.8	92.7	92.7	92.7
4000	88.6	88.9	89.0	89.0	89.1	89.1	89.1	89.0	89.0
5000	82.8	83.2	83.4	83.5	83.5	83.5	83.5	83.6	83.6
6300	74.2	74.7	74.9	75.0	75.1	75.1	75.2	75.2	75.2
8000	61.7	62.2	62.4	62.6	62.7	62.8	62.8	62.8	62.8
10000	46.1	46.7	47.0	47.2	47.3	47.3	47.3	47.3	47.4

Subject to technical change without prior notice.

4 Operating mode 104.5 dB

4.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 17: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	50.2	51.6	53.0	54.2	55.1	55.3	55.3	55.4	55.5	55.5	55.6
25	56.1	57.5	59.0	60.2	61.2	61.4	61.4	61.5	61.6	61.6	61.7
31.5	61.2	62.7	64.3	65.6	66.6	66.8	66.8	66.9	67.0	67.0	67.1
40	65.7	67.3	68.9	70.3	71.4	71.5	71.6	71.6	71.7	71.7	71.8
50	69.7	71.3	73.0	74.4	75.5	75.7	75.7	75.8	75.8	75.8	75.9
63	73.1	74.8	76.4	77.9	79.1	79.2	79.3	79.3	79.4	79.4	79.5
80	76.0	77.7	79.4	81.0	82.2	82.3	82.3	82.4	82.5	82.4	82.5
100	78.1	79.8	81.6	83.1	84.4	84.5	84.5	84.6	84.6	84.6	84.7
125	79.1	80.8	82.6	84.1	85.3	85.4	85.5	85.6	85.6	85.6	85.6
160	79.7	81.4	83.2	84.7	85.9	86.0	86.2	86.2	86.1	86.1	86.1
200	80.5	82.2	83.9	85.3	86.6	86.7	86.9	86.9	86.8	86.8	86.7
250	81.6	83.3	85.0	86.4	87.6	87.8	88.1	88.0	87.9	87.8	87.8
315	82.8	84.4	86.1	87.5	88.7	88.9	89.3	89.1	88.9	88.9	88.8
400	84.1	85.7	87.3	88.7	89.8	90.2	90.6	90.4	90.1	90.0	89.9
500	85.2	86.9	88.5	89.9	91.1	91.5	91.8	91.6	91.4	91.3	91.1
630	86.0	87.8	89.5	91.0	92.2	92.5	92.7	92.7	92.5	92.4	92.3
800	86.3	88.2	90.0	91.6	92.9	93.1	93.2	93.3	93.2	93.1	93.0
1000	86.9	88.9	90.8	92.5	93.9	94.0	94.1	94.1	94.1	94.1	94.1
1250	87.8	89.9	91.9	93.6	95.1	95.1	95.2	95.2	95.3	95.3	95.3
1600	88.3	90.5	92.5	94.3	95.8	95.9	95.9	96.0	96.0	96.0	96.1
2000	87.7	89.9	92.0	93.8	95.3	95.4	95.4	95.5	95.5	95.5	95.6
2500	86.3	88.5	90.6	92.4	93.9	94.0	94.0	94.1	94.1	94.1	94.2
3150	84.1	86.3	88.4	90.2	91.8	91.8	91.8	91.9	92.0	92.0	92.1
4000	80.7	82.9	85.0	86.9	88.4	88.4	88.4	88.5	88.6	88.6	88.7
5000	75.9	78.0	80.1	82.0	83.5	83.5	83.5	83.6	83.7	83.7	83.8
6300	68.7	70.8	72.9	74.7	76.2	76.3	76.3	76.3	76.4	76.4	76.5
8000	58.3	60.5	62.5	64.4	65.9	65.9	65.9	66.0	66.0	66.0	66.1

Subject to technical change without prior notice.

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	45.7	47.9	50.0	51.9	53.4	53.4	53.4	53.5	53.6	53.6	53.7

Tab. 18: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	55.6	55.7	55.7	55.8	55.9	56.0	56.1	56.2	56.3	56.3
25	61.7	61.7	61.8	61.8	61.9	62.0	62.2	62.3	62.3	62.3
31.5	67.1	67.1	67.2	67.2	67.3	67.4	67.5	67.6	67.7	67.7
40	71.8	71.8	71.9	71.9	72.0	72.1	72.2	72.3	72.4	72.3
50	75.9	76.0	76.0	76.0	76.1	76.2	76.3	76.4	76.4	76.4
63	79.5	79.5	79.5	79.6	79.7	79.8	79.9	80.0	80.0	80.0
80	82.5	82.6	82.6	82.6	82.7	82.8	82.9	83.0	83.0	83.0
100	84.7	84.7	84.8	84.8	84.9	85.0	85.1	85.1	85.2	85.2
125	85.6	85.6	85.6	85.7	85.7	85.8	85.9	86.0	86.0	86.1
160	86.1	86.1	86.1	86.1	86.1	86.2	86.3	86.4	86.5	86.5
200	86.8	86.7	86.7	86.7	86.7	86.8	86.9	87.0	87.1	87.2
250	87.8	87.7	87.7	87.7	87.7	87.8	87.9	88.0	88.1	88.2
315	88.8	88.7	88.7	88.6	88.6	88.7	88.8	88.9	89.0	89.1
400	89.8	89.8	89.7	89.6	89.6	89.7	89.8	89.9	90.0	90.1
500	91.0	90.9	90.8	90.7	90.6	90.7	90.8	90.9	91.0	91.1
630	92.2	92.1	91.9	91.8	91.6	91.6	91.7	91.8	91.9	91.9
800	93.0	92.9	92.8	92.7	92.4	92.3	92.3	92.4	92.4	92.4
1000	94.1	94.1	94.0	93.9	93.6	93.5	93.4	93.4	93.4	93.4
1250	95.3	95.3	95.3	95.4	95.3	95.0	94.9	94.9	94.9	94.8
1600	96.1	96.2	96.2	96.3	96.4	96.3	96.1	96.1	96.0	95.9
2000	95.7	95.7	95.8	95.8	96.0	96.1	96.0	95.9	95.8	95.8
2500	94.3	94.3	94.4	94.4	94.6	94.7	94.8	94.8	94.7	94.6
3150	92.1	92.2	92.2	92.3	92.4	92.6	92.7	92.7	92.7	92.7
4000	88.7	88.8	88.8	88.9	89.1	89.2	89.4	89.5	89.5	89.5
5000	83.8	83.9	83.9	84.0	84.2	84.4	84.6	84.7	84.7	84.8
6300	76.5	76.6	76.6	76.7	77.0	77.2	77.4	77.6	77.6	77.7
8000	66.2	66.2	66.2	66.3	66.6	66.9	67.1	67.3	67.4	67.4
10000	53.7	53.8	53.8	53.9	54.1	54.5	54.7	54.9	55.0	55.1

Subject to technical change without prior notice.

4.2 One-third octave band level E-160 EP5 E2-MST-120-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 19: One-third octave band level for E-160 EP5 E2-MST-120-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.2	50.6	52.7	54.4	55.2	55.3	55.4	55.5	55.6	55.7
25	53.9	56.5	58.6	60.5	61.3	61.4	61.5	61.6	61.7	61.7
31.5	59.0	61.6	63.9	65.9	66.7	66.9	66.9	67.0	67.1	67.1
40	63.4	66.2	68.5	70.6	71.5	71.6	71.7	71.7	71.8	71.8
50	67.3	70.1	72.6	74.7	75.6	75.7	75.8	75.8	75.9	76.0
63	70.6	73.5	76.0	78.2	79.2	79.3	79.3	79.4	79.5	79.5
80	73.5	76.5	79.0	81.2	82.2	82.4	82.4	82.5	82.5	82.6
100	75.6	78.6	81.2	83.4	84.4	84.6	84.6	84.6	84.7	84.7
125	76.5	79.6	82.1	84.4	85.4	85.6	85.6	85.6	85.6	85.6
160	77.2	80.2	82.7	84.9	86.0	86.2	86.2	86.1	86.1	86.1
200	77.9	80.9	83.4	85.6	86.7	86.9	86.8	86.8	86.8	86.7
250	79.1	82.1	84.6	86.7	87.8	88.1	87.9	87.8	87.8	87.7
315	80.2	83.3	85.7	87.8	88.9	89.2	89.0	88.9	88.8	88.7
400	81.2	84.5	86.9	89.0	90.1	90.5	90.2	90.0	89.9	89.8
500	82.1	85.7	88.1	90.2	91.4	91.8	91.5	91.3	91.0	90.9
630	82.8	86.5	89.1	91.3	92.4	92.7	92.6	92.4	92.2	92.1
800	82.9	86.8	89.6	91.9	93.0	93.2	93.2	93.1	93.0	92.9
1000	83.4	87.5	90.4	92.8	94.0	94.1	94.1	94.1	94.1	94.1
1250	84.2	88.4	91.4	94.0	95.1	95.2	95.2	95.3	95.3	95.3
1600	84.7	88.9	92.0	94.7	95.9	95.9	96.0	96.1	96.1	96.2
2000	84.1	88.4	91.5	94.2	95.4	95.4	95.5	95.6	95.6	95.7
2500	82.7	86.9	90.0	92.8	94.0	94.0	94.1	94.2	94.2	94.3
3150	80.5	84.7	87.9	90.6	91.8	91.8	91.9	92.0	92.1	92.2
4000	77.2	81.3	84.5	87.2	88.4	88.4	88.5	88.6	88.7	88.8
5000	72.4	76.5	79.6	82.3	83.5	83.5	83.6	83.7	83.8	83.9
6300	65.2	69.3	72.4	75.1	76.3	76.3	76.4	76.4	76.5	76.6
8000	54.9	58.9	62.0	64.7	65.9	65.9	66.0	66.1	66.1	66.2
10000	42.4	46.4	49.5	52.3	53.4	53.4	53.6	53.6	53.7	53.8

Subject to technical change without prior notice.

Tab. 20: One-third octave band level for E-160 EP5 E2-MST-120-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.7	55.9	56.1	56.2	56.3	56.3	56.3	56.4	56.4
25	61.8	61.9	62.1	62.2	62.3	62.3	62.4	62.4	62.4
31.5	67.2	67.3	67.5	67.6	67.7	67.7	67.7	67.7	67.8
40	71.9	72.0	72.2	72.3	72.4	72.4	72.4	72.4	72.5
50	76.0	76.1	76.3	76.4	76.5	76.5	76.5	76.5	76.5
63	79.6	79.7	79.8	79.9	80.0	80.0	80.0	80.1	80.1
80	82.6	82.7	82.9	83.0	83.0	83.1	83.1	83.1	83.1
100	84.8	84.9	85.0	85.1	85.2	85.2	85.2	85.3	85.3
125	85.6	85.7	85.8	86.0	86.0	86.1	86.2	86.2	86.2
160	86.1	86.1	86.3	86.4	86.5	86.6	86.7	86.8	86.8
200	86.7	86.7	86.8	87.0	87.1	87.2	87.3	87.4	87.5
250	87.7	87.7	87.8	88.0	88.1	88.2	88.4	88.5	88.6
315	88.6	88.6	88.7	88.9	89.1	89.2	89.3	89.5	89.6
400	89.7	89.6	89.7	89.9	90.1	90.2	90.3	90.5	90.6
500	90.8	90.6	90.7	90.9	91.0	91.2	91.3	91.4	91.5
630	91.9	91.6	91.6	91.8	91.9	92.0	92.1	92.2	92.2
800	92.7	92.4	92.3	92.4	92.4	92.5	92.5	92.5	92.6
1000	94.0	93.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4
1250	95.3	95.3	95.0	94.9	94.8	94.8	94.8	94.7	94.7
1600	96.2	96.4	96.2	96.1	96.0	95.9	95.8	95.8	95.7
2000	95.8	96.0	96.0	95.9	95.8	95.7	95.7	95.6	95.5
2500	94.4	94.6	94.8	94.8	94.7	94.6	94.6	94.5	94.5
3150	92.2	92.4	92.6	92.7	92.7	92.7	92.7	92.6	92.6
4000	88.8	89.1	89.3	89.4	89.5	89.5	89.5	89.5	89.5
5000	83.9	84.2	84.5	84.7	84.8	84.8	84.8	84.8	84.9
6300	76.7	77.0	77.3	77.5	77.7	77.7	77.7	77.8	77.8
8000	66.3	66.6	67.0	67.3	67.4	67.5	67.5	67.6	67.6
10000	53.8	54.1	54.6	54.9	55.0	55.1	55.1	55.2	55.2

Subject to technical change without prior notice.

4.3 One-third octave band level E-160 EP5 E2-MST-140-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 21: One-third octave band level for E-160 EP5 E2-MST-140-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.7	51.1	53.1	54.8	55.5	55.6	55.7	55.7	55.8	55.9
25	54.4	57.0	59.1	60.9	61.6	61.7	61.7	61.8	61.9	62.0
31.5	59.5	62.2	64.4	66.3	67.0	67.1	67.1	67.2	67.3	67.3
40	64.0	66.7	69.1	71.0	71.7	71.8	71.9	71.9	72.0	72.1
50	67.8	70.6	73.1	75.1	75.9	75.9	76.0	76.0	76.1	76.2
63	71.2	74.1	76.6	78.7	79.4	79.5	79.6	79.6	79.7	79.7
80	74.1	77.0	79.6	81.7	82.5	82.6	82.6	82.7	82.7	82.8
100	76.1	79.1	81.7	83.9	84.7	84.8	84.8	84.8	84.9	84.9
125	77.1	80.1	82.7	84.9	85.6	85.7	85.8	85.8	85.8	85.8
160	77.7	80.7	83.3	85.4	86.2	86.3	86.3	86.3	86.3	86.3
200	78.4	81.4	84.0	86.1	86.9	87.0	87.0	86.9	86.9	86.9
250	79.6	82.6	85.1	87.2	88.0	88.2	88.0	88.0	87.9	87.9
315	80.6	83.7	86.2	88.2	89.1	89.3	89.1	89.0	88.9	88.8
400	81.7	85.0	87.4	89.4	90.3	90.6	90.3	90.1	90.0	89.8
500	82.6	86.1	88.6	90.6	91.6	91.8	91.5	91.3	91.1	90.9
630	83.3	86.9	89.6	91.7	92.6	92.8	92.6	92.5	92.3	92.1
800	83.4	87.3	90.1	92.3	93.2	93.3	93.3	93.2	93.1	92.9
1000	83.9	88.0	90.9	93.3	94.1	94.2	94.2	94.2	94.2	94.1
1250	84.7	88.8	91.9	94.4	95.2	95.2	95.3	95.4	95.4	95.4
1600	85.2	89.4	92.5	95.1	95.9	95.9	96.0	96.1	96.1	96.2
2000	84.6	88.7	91.9	94.5	95.3	95.4	95.5	95.5	95.6	95.7
2500	83.1	87.2	90.4	93.0	93.8	93.9	94.0	94.1	94.1	94.2
3150	80.7	84.9	88.0	90.7	91.5	91.5	91.6	91.7	91.8	91.9
4000	77.2	81.2	84.4	87.0	87.9	87.9	88.0	88.1	88.2	88.3
5000	72.0	76.0	79.1	81.8	82.6	82.6	82.7	82.8	82.9	83.0
6300	64.3	68.2	71.3	74.0	74.8	74.8	74.9	75.0	75.0	75.1
8000	53.0	56.9	60.0	62.7	63.5	63.5	63.6	63.7	63.7	63.8
10000	39.2	43.1	46.2	48.9	49.7	49.7	49.8	49.9	50.0	50.0

Subject to technical change without prior notice.

Tab. 22: One-third octave band level for E-160 EP5 E2-MST-140-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.0	56.1	56.3	56.4	56.5	56.5	56.6	56.6	56.6
25	62.0	62.2	62.4	62.5	62.5	62.6	62.6	62.6	62.6
31.5	67.4	67.5	67.7	67.8	67.9	67.9	67.9	68.0	68.0
40	72.1	72.2	72.4	72.5	72.6	72.6	72.6	72.7	72.7
50	76.2	76.4	76.5	76.6	76.7	76.7	76.7	76.7	76.8
63	79.8	79.9	80.1	80.1	80.2	80.2	80.3	80.3	80.3
80	82.8	83.0	83.1	83.2	83.2	83.3	83.3	83.3	83.4
100	85.0	85.1	85.3	85.3	85.4	85.4	85.5	85.5	85.5
125	85.8	85.9	86.1	86.2	86.3	86.3	86.4	86.4	86.5
160	86.3	86.4	86.5	86.6	86.7	86.8	86.9	87.0	87.0
200	86.9	86.9	87.1	87.2	87.3	87.4	87.5	87.6	87.7
250	87.8	87.9	88.1	88.2	88.4	88.5	88.6	88.7	88.8
315	88.8	88.8	89.0	89.1	89.3	89.4	89.5	89.7	89.8
400	89.8	89.8	90.0	90.1	90.3	90.4	90.5	90.7	90.8
500	90.8	90.8	90.9	91.1	91.2	91.4	91.5	91.6	91.7
630	91.9	91.8	91.8	91.9	92.1	92.2	92.2	92.3	92.4
800	92.8	92.5	92.4	92.5	92.6	92.6	92.6	92.7	92.7
1000	94.0	93.7	93.5	93.5	93.5	93.5	93.5	93.5	93.5
1250	95.4	95.2	95.0	94.9	94.9	94.9	94.8	94.8	94.8
1600	96.3	96.3	96.2	96.0	96.0	95.9	95.8	95.8	95.7
2000	95.8	96.0	96.0	95.8	95.7	95.7	95.6	95.5	95.5
2500	94.3	94.5	94.7	94.6	94.5	94.5	94.4	94.4	94.3
3150	92.0	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.3
4000	88.3	88.6	88.9	88.9	89.0	89.0	89.0	89.0	89.0
5000	83.1	83.4	83.7	83.8	83.9	83.9	83.9	84.0	84.0
6300	75.2	75.6	75.9	76.1	76.2	76.3	76.3	76.3	76.4
8000	63.9	64.3	64.7	64.9	65.0	65.1	65.1	65.2	65.2
10000	50.1	50.5	51.0	51.2	51.3	51.4	51.4	51.5	51.5

Subject to technical change without prior notice.

4.4 One-third octave band level E-160 EP5 E2-MST-166-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 23: One-third octave band level for E-160 EP5 E2-MST-166-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.2	51.6	53.7	55.4	55.7	55.8	55.9	56.0	56.1	56.2
25	55.0	57.5	59.7	61.5	61.8	61.9	62.0	62.1	62.2	62.2
31.5	60.1	62.7	65.0	66.8	67.2	67.3	67.4	67.5	67.6	67.6
40	64.5	67.3	69.7	71.6	71.9	72.0	72.1	72.2	72.3	72.3
50	68.4	71.2	73.7	75.7	76.1	76.2	76.2	76.3	76.4	76.4
63	71.8	74.7	77.2	79.3	79.6	79.7	79.8	79.9	80.0	80.0
80	74.7	77.6	80.2	82.3	82.7	82.8	82.9	82.9	83.0	83.0
100	76.7	79.7	82.4	84.5	84.9	85.0	85.0	85.1	85.2	85.2
125	77.7	80.7	83.3	85.5	85.9	86.0	86.0	86.0	86.0	86.1
160	78.3	81.3	83.9	86.0	86.5	86.5	86.5	86.5	86.5	86.5
200	79.0	82.0	84.6	86.7	87.2	87.2	87.2	87.1	87.1	87.1
250	80.2	83.1	85.7	87.7	88.3	88.3	88.2	88.1	88.1	88.1
315	81.2	84.3	86.7	88.7	89.4	89.4	89.3	89.1	89.0	89.0
400	82.3	85.5	87.9	89.9	90.7	90.7	90.4	90.2	90.1	90.0
500	83.3	86.6	89.1	91.1	91.9	91.9	91.7	91.4	91.2	91.1
630	83.9	87.5	90.1	92.2	92.8	92.9	92.8	92.5	92.3	92.2
800	84.1	87.8	90.6	92.9	93.4	93.4	93.4	93.3	93.1	93.0
1000	84.6	88.5	91.4	93.8	94.2	94.3	94.3	94.3	94.2	94.2
1250	85.3	89.3	92.4	94.9	95.2	95.3	95.4	95.4	95.4	95.5
1600	85.8	89.8	93.0	95.5	95.8	95.9	96.0	96.1	96.2	96.2
2000	85.1	89.1	92.3	94.9	95.2	95.3	95.4	95.5	95.6	95.6
2500	83.4	87.5	90.7	93.3	93.6	93.7	93.8	93.9	94.0	94.0
3150	80.9	84.9	88.1	90.7	91.1	91.2	91.3	91.4	91.5	91.5
4000	77.0	81.0	84.2	86.8	87.1	87.2	87.3	87.4	87.5	87.6
5000	71.4	75.3	78.4	81.0	81.4	81.5	81.6	81.7	81.8	81.8
6300	62.9	66.7	69.9	72.5	72.8	72.9	73.0	73.1	73.1	73.2
8000	50.3	54.2	57.4	59.9	60.3	60.4	60.4	60.5	60.6	60.7
10000	34.8	38.6	41.8	44.4	44.7	44.8	44.9	45.0	45.1	45.1

Subject to technical change without prior notice.

Tab. 24: One-third octave band level for E-160 EP5 E2-MST-166-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.3	56.5	56.6	56.7	56.7	56.8	56.8	56.9	56.9
25	62.3	62.5	62.7	62.8	62.8	62.8	62.9	62.9	62.9
31.5	67.7	67.9	68.0	68.1	68.1	68.2	68.2	68.2	68.2
40	72.4	72.6	72.7	72.8	72.8	72.9	72.9	72.9	72.9
50	76.5	76.7	76.8	76.9	76.9	76.9	77.0	77.0	77.0
63	80.1	80.2	80.3	80.4	80.5	80.5	80.5	80.6	80.6
80	83.1	83.3	83.4	83.5	83.5	83.5	83.6	83.6	83.6
100	85.3	85.4	85.5	85.6	85.6	85.7	85.7	85.8	85.8
125	86.1	86.2	86.4	86.5	86.5	86.6	86.6	86.7	86.7
160	86.6	86.7	86.8	86.9	87.0	87.1	87.2	87.2	87.3
200	87.1	87.2	87.4	87.5	87.6	87.7	87.8	87.9	87.9
250	88.1	88.2	88.4	88.5	88.6	88.7	88.8	89.0	89.0
315	89.0	89.1	89.3	89.4	89.5	89.7	89.8	89.9	90.0
400	89.9	90.0	90.2	90.4	90.5	90.6	90.8	90.9	91.0
500	91.0	91.0	91.2	91.3	91.4	91.6	91.7	91.8	91.9
630	92.0	91.9	92.0	92.1	92.2	92.3	92.4	92.5	92.5
800	92.8	92.5	92.6	92.7	92.7	92.7	92.8	92.8	92.8
1000	94.0	93.7	93.6	93.6	93.6	93.6	93.6	93.6	93.6
1250	95.4	95.2	95.0	95.0	94.9	94.9	94.9	94.8	94.8
1600	96.4	96.3	96.1	96.0	95.9	95.9	95.8	95.8	95.7
2000	95.8	96.0	95.8	95.7	95.6	95.6	95.5	95.4	95.3
2500	94.2	94.4	94.4	94.4	94.3	94.3	94.2	94.1	94.1
3150	91.7	91.9	92.0	92.1	92.0	92.0	92.0	92.0	91.9
4000	87.7	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3
5000	82.0	82.4	82.5	82.7	82.7	82.7	82.8	82.8	82.8
6300	73.4	73.8	74.1	74.2	74.3	74.3	74.4	74.4	74.4
8000	60.9	61.3	61.6	61.8	61.9	61.9	62.0	62.0	62.0
10000	45.3	45.8	46.2	46.4	46.4	46.5	46.5	46.6	46.6

Subject to technical change without prior notice.

5 Operating mode 103.7 dB

5.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 25: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	50.2	51.6	53.0	54.2	54.7	<i>54.8</i>	54.8	54.9	55.0	55.0	55.0
25	56.1	57.5	59.0	60.2	60.8	<i>60.9</i>	60.9	60.9	61.0	61.1	61.1
31.5	61.2	62.7	64.3	65.6	66.1	<i>66.2</i>	66.2	66.3	66.4	66.4	66.4
40	65.7	67.3	68.9	70.3	70.9	<i>71.0</i>	70.9	71.0	71.1	71.1	71.1
50	69.7	71.3	73.0	74.4	75.0	<i>75.1</i>	75.0	75.1	75.2	75.2	75.2
63	73.1	74.8	76.4	77.9	78.5	<i>78.6</i>	78.6	78.6	78.7	78.8	78.8
80	76.0	77.7	79.4	81.0	81.6	<i>81.7</i>	81.6	81.7	81.8	81.8	81.8
100	78.1	79.8	81.6	83.1	83.8	<i>83.9</i>	83.8	83.9	83.9	84.0	84.0
125	79.1	80.8	82.6	84.1	84.7	<i>84.9</i>	84.8	84.8	84.9	84.9	84.9
160	79.7	81.4	83.2	84.7	85.3	<i>85.5</i>	85.5	85.4	85.4	85.4	85.4
200	80.5	82.2	83.9	85.3	86.0	<i>86.2</i>	86.2	86.1	86.1	86.0	86.0
250	81.6	83.3	85.0	86.4	87.1	<i>87.4</i>	87.3	87.2	87.2	87.1	87.1
315	82.8	84.4	86.1	87.5	88.2	<i>88.6</i>	88.5	88.3	88.2	88.1	88.1
400	84.1	85.7	87.3	88.7	89.5	<i>89.9</i>	89.8	89.5	89.4	89.2	89.2
500	85.2	86.9	88.5	89.9	90.7	<i>91.1</i>	91.0	90.8	90.7	90.5	90.4
630	86.0	87.8	89.5	91.0	91.8	<i>92.0</i>	92.0	91.8	91.8	91.6	91.5
800	86.3	88.2	90.0	91.6	92.4	<i>92.5</i>	92.5	92.4	92.4	92.3	92.3
1000	86.9	88.9	90.8	92.5	93.2	<i>93.3</i>	93.3	93.3	93.3	93.3	93.3
1250	87.8	89.9	91.9	93.6	94.3	<i>94.3</i>	94.3	94.4	94.5	94.5	94.5
1600	88.3	90.5	92.5	94.3	95.0	<i>95.0</i>	95.0	95.1	95.2	95.2	95.3
2000	87.7	89.9	92.0	93.8	94.5	<i>94.5</i>	94.5	94.6	94.7	94.8	94.8
2500	86.3	88.5	90.6	92.4	93.1	<i>93.1</i>	93.1	93.2	93.3	93.3	93.4
3150	84.1	86.3	88.4	90.2	90.9	<i>90.9</i>	90.9	91.0	91.1	91.2	91.2
4000	80.7	82.9	85.0	86.9	87.6	<i>87.5</i>	87.5	87.6	87.7	87.8	87.8
5000	75.9	78.0	80.1	82.0	82.7	<i>82.7</i>	82.6	82.7	82.8	82.9	82.9
6300	68.7	70.8	72.9	74.7	75.4	<i>75.4</i>	75.4	75.5	75.6	75.6	75.6
8000	58.3	60.5	62.5	64.4	65.1	<i>65.1</i>	65.1	65.1	65.2	65.2	65.3

Subject to technical change without prior notice.

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	45.7	47.9	50.0	51.9	52.6	52.6	52.6	52.7	52.8	52.8	52.9

Tab. 26: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	55.1	55.2	55.2	55.2	55.3	55.4	55.5	55.6	55.7	55.7
25	61.2	61.2	61.2	61.3	61.3	61.4	61.5	61.6	61.7	61.7
31.5	66.5	66.5	66.6	66.6	66.7	66.8	66.9	66.9	67.0	67.0
40	71.2	71.2	71.3	71.3	71.3	71.5	71.6	71.6	71.7	71.7
50	75.3	75.3	75.4	75.4	75.4	75.5	75.6	75.7	75.7	75.8
63	78.8	78.9	78.9	78.9	79.0	79.1	79.2	79.2	79.3	79.3
80	81.9	81.9	81.9	82.0	82.0	82.1	82.2	82.3	82.3	82.3
100	84.0	84.0	84.1	84.1	84.1	84.2	84.3	84.4	84.4	84.5
125	84.9	84.9	84.9	85.0	85.0	85.1	85.2	85.2	85.3	85.3
160	85.4	85.4	85.4	85.4	85.4	85.5	85.6	85.7	85.8	85.8
200	86.0	86.0	86.0	86.0	86.0	86.0	86.2	86.3	86.4	86.4
250	87.1	87.1	87.0	87.0	87.0	87.0	87.1	87.3	87.4	87.5
315	88.0	88.0	88.0	87.9	87.9	87.9	88.1	88.2	88.3	88.4
400	89.1	89.1	89.0	89.0	88.9	88.9	89.1	89.2	89.3	89.4
500	90.3	90.2	90.1	90.0	90.0	89.9	90.0	90.2	90.3	90.4
630	91.4	91.3	91.2	91.1	91.0	90.9	91.0	91.0	91.1	91.2
800	92.2	92.1	92.0	91.9	91.7	91.6	91.6	91.6	91.7	91.7
1000	93.3	93.3	93.2	93.1	93.0	92.7	92.6	92.6	92.7	92.7
1250	94.5	94.5	94.5	94.5	94.5	94.3	94.1	94.1	94.1	94.0
1600	95.3	95.4	95.4	95.4	95.5	95.5	95.3	95.2	95.2	95.1
2000	94.8	94.9	94.9	95.0	95.0	95.2	95.1	95.1	95.0	94.9
2500	93.4	93.5	93.5	93.6	93.6	93.8	93.9	93.9	93.8	93.8
3150	91.3	91.3	91.4	91.4	91.5	91.7	91.8	91.8	91.8	91.8
4000	87.9	87.9	88.0	88.0	88.1	88.3	88.5	88.5	88.6	88.6
5000	83.0	83.0	83.1	83.1	83.2	83.5	83.6	83.8	83.8	83.9
6300	75.7	75.7	75.8	75.9	76.0	76.2	76.5	76.6	76.7	76.8
8000	65.3	65.4	65.4	65.5	65.6	65.9	66.2	66.4	66.5	66.5
10000	52.9	52.9	53.0	53.0	53.1	53.5	53.8	54.0	54.1	54.2

Subject to technical change without prior notice.

5.2 One-third octave band level E-160 EP5 E2-MST-120-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 27: One-third octave band level for E-160 EP5 E2-MST-120-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.2	50.6	52.7	54.3	<i>54.8</i>	54.8	55.0	55.0	55.1	55.2
25	53.9	56.5	58.6	60.4	<i>60.8</i>	60.9	61.0	61.1	61.1	61.2
31.5	59.0	61.6	63.9	65.7	<i>66.2</i>	66.2	66.4	66.4	66.5	66.5
40	63.4	66.2	68.5	70.4	<i>70.9</i>	71.0	71.1	71.1	71.2	71.2
50	67.3	70.1	72.6	74.5	<i>75.0</i>	75.1	75.2	75.2	75.2	75.3
63	70.6	73.5	76.0	78.1	<i>78.6</i>	78.6	78.7	78.8	78.8	78.9
80	73.5	76.5	79.0	81.1	<i>81.6</i>	81.7	81.8	81.8	81.8	81.9
100	75.6	78.6	81.2	83.3	<i>83.8</i>	83.8	83.9	84.0	84.0	84.0
125	76.5	79.6	82.1	84.2	<i>84.8</i>	84.8	84.9	84.9	84.9	84.9
160	77.2	80.2	82.7	84.8	<i>85.4</i>	85.5	85.4	85.4	85.4	85.4
200	77.9	80.9	83.4	85.5	<i>86.2</i>	86.2	86.1	86.1	86.0	86.0
250	79.1	82.1	84.6	86.6	<i>87.3</i>	87.3	87.2	87.1	87.0	87.1
315	80.2	83.3	85.7	87.6	<i>88.5</i>	88.5	88.3	88.1	88.0	88.0
400	81.2	84.5	86.9	88.8	<i>89.8</i>	89.8	89.5	89.3	89.1	89.1
500	82.1	85.7	88.1	90.1	<i>91.0</i>	91.0	90.7	90.5	90.3	90.2
630	82.8	86.5	89.1	91.2	<i>92.0</i>	92.0	91.8	91.6	91.4	91.3
800	82.9	86.8	89.6	91.8	<i>92.4</i>	92.5	92.4	92.3	92.2	92.1
1000	83.4	87.5	90.4	92.7	<i>93.3</i>	93.3	93.3	93.3	93.3	93.3
1250	84.2	88.4	91.4	93.8	<i>94.3</i>	94.4	94.4	94.5	94.5	94.5
1600	84.7	88.9	92.0	94.5	<i>95.0</i>	95.1	95.2	95.2	95.3	95.4
2000	84.1	88.4	91.5	94.0	<i>94.5</i>	94.5	94.7	94.8	94.8	94.9
2500	82.7	86.9	90.0	92.6	<i>93.1</i>	93.1	93.3	93.3	93.4	93.5
3150	80.5	84.7	87.9	90.4	<i>90.9</i>	90.9	91.1	91.2	91.2	91.3
4000	77.2	81.3	84.5	87.0	<i>87.5</i>	87.5	87.7	87.8	87.8	87.9
5000	72.4	76.5	79.6	82.1	<i>82.7</i>	82.7	82.8	82.9	82.9	83.0
6300	65.2	69.3	72.4	74.9	<i>75.4</i>	75.4	75.5	75.6	75.6	75.7
8000	54.9	58.9	62.0	64.6	<i>65.1</i>	65.1	65.2	65.2	65.3	65.4
10000	42.4	46.4	49.5	52.1	<i>52.6</i>	52.6	52.8	52.8	52.9	52.9

Subject to technical change without prior notice.

Tab. 28: One-third octave band level for E-160 EP5 E2-MST-120-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.2	55.3	55.4	55.6	55.7	55.8	55.8	55.8	55.8
25	61.3	61.3	61.5	61.6	61.7	61.8	61.8	61.8	61.8
31.5	66.6	66.7	66.8	66.9	67.0	67.1	67.1	67.1	67.1
40	71.3	71.3	71.5	71.6	71.7	71.7	71.8	71.8	71.8
50	75.4	75.4	75.6	75.7	75.8	75.8	75.8	75.9	75.9
63	78.9	79.0	79.1	79.2	79.3	79.3	79.4	79.4	79.4
80	82.0	82.0	82.1	82.3	82.3	82.4	82.4	82.4	82.4
100	84.1	84.1	84.2	84.4	84.4	84.5	84.5	84.6	84.6
125	85.0	85.0	85.1	85.2	85.3	85.4	85.4	85.5	85.5
160	85.4	85.4	85.6	85.7	85.8	85.9	85.9	86.0	86.1
200	86.0	86.0	86.1	86.2	86.4	86.5	86.6	86.6	86.8
250	87.0	87.0	87.1	87.3	87.4	87.5	87.6	87.7	87.8
315	87.9	87.9	88.1	88.2	88.4	88.5	88.6	88.7	88.9
400	89.0	88.9	89.0	89.2	89.3	89.5	89.6	89.7	89.9
500	90.0	90.0	90.0	90.1	90.3	90.4	90.5	90.6	90.8
630	91.1	91.0	91.0	91.0	91.2	91.3	91.3	91.4	91.5
800	91.9	91.7	91.6	91.6	91.7	91.7	91.7	91.8	91.8
1000	93.2	93.0	92.7	92.6	92.7	92.7	92.6	92.6	92.6
1250	94.6	94.5	94.2	94.1	94.0	94.0	94.0	93.9	93.9
1600	95.4	95.5	95.4	95.3	95.1	95.1	95.0	95.0	94.9
2000	95.0	95.0	95.1	95.1	95.0	94.9	94.8	94.8	94.7
2500	93.6	93.6	93.8	93.9	93.8	93.8	93.7	93.7	93.6
3150	91.4	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.7
4000	88.0	88.1	88.4	88.5	88.6	88.6	88.6	88.7	88.6
5000	83.1	83.2	83.5	83.8	83.8	83.9	83.9	84.0	84.0
6300	75.9	76.0	76.3	76.6	76.7	76.8	76.9	76.9	76.9
8000	65.5	65.6	66.0	66.3	66.5	66.6	66.6	66.7	66.7
10000	53.0	53.1	53.6	54.0	54.1	54.2	54.2	54.3	54.3

Subject to technical change without prior notice.

5.3 One-third octave band level E-160 EP5 E2-MST-140-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 29: One-third octave band level for E-160 EP5 E2-MST-140-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.7	51.1	53.1	54.6	<i>55.0</i>	55.0	55.1	55.2	55.3	55.4
25	54.4	57.0	59.1	60.7	<i>61.0</i>	61.1	61.2	61.2	61.3	61.4
31.5	59.5	62.2	64.4	66.0	<i>66.4</i>	66.5	66.6	66.6	66.7	66.7
40	64.0	66.7	69.1	70.7	<i>71.1</i>	71.2	71.3	71.3	71.4	71.4
50	67.8	70.6	73.1	74.8	<i>75.2</i>	75.3	75.4	75.4	75.5	75.5
63	71.2	74.1	76.6	78.4	<i>78.8</i>	78.8	78.9	78.9	79.0	79.1
80	74.1	77.0	79.6	81.4	<i>81.8</i>	81.9	81.9	82.0	82.0	82.1
100	76.1	79.1	81.7	83.6	<i>84.0</i>	84.1	84.1	84.1	84.2	84.2
125	77.1	80.1	82.7	84.6	<i>85.0</i>	85.0	85.0	85.1	85.1	85.1
160	77.7	80.7	83.3	85.1	<i>85.6</i>	85.6	85.6	85.6	85.6	85.6
200	78.4	81.4	84.0	85.8	<i>86.4</i>	86.3	86.2	86.2	86.2	86.2
250	79.6	82.6	85.1	86.9	<i>87.5</i>	87.5	87.3	87.3	87.2	87.2
315	80.6	83.7	86.2	88.0	<i>88.8</i>	88.6	88.3	88.2	88.2	88.1
400	81.7	85.0	87.4	89.2	<i>90.1</i>	89.8	89.5	89.4	89.2	89.2
500	82.6	86.1	88.6	90.4	<i>91.2</i>	91.1	90.8	90.6	90.4	90.3
630	83.3	86.9	89.6	91.5	<i>92.1</i>	92.1	91.9	91.7	91.5	91.4
800	83.4	87.3	90.1	92.0	<i>92.5</i>	92.6	92.5	92.4	92.3	92.2
1000	83.9	88.0	90.9	92.9	<i>93.3</i>	93.4	93.4	93.4	93.4	93.3
1250	84.7	88.8	91.9	94.0	<i>94.4</i>	94.4	94.5	94.5	94.6	94.6
1600	85.2	89.4	92.5	94.7	<i>95.0</i>	95.1	95.2	95.2	95.3	95.4
2000	84.6	88.7	91.9	94.1	<i>94.5</i>	94.5	94.6	94.7	94.8	94.8
2500	83.1	87.2	90.4	92.6	<i>93.0</i>	93.0	93.1	93.2	93.3	93.3
3150	80.7	84.9	88.0	90.3	<i>90.6</i>	90.7	90.8	90.9	90.9	91.0
4000	77.2	81.2	84.4	86.6	<i>87.0</i>	87.0	87.1	87.2	87.3	87.4
5000	72.0	76.0	79.1	81.4	<i>81.7</i>	81.8	81.9	81.9	82.1	82.1
6300	64.3	68.2	71.3	73.6	<i>73.9</i>	74.0	74.0	74.1	74.2	74.3
8000	53.0	56.9	60.0	62.3	<i>62.6</i>	62.7	62.8	62.8	62.9	62.9
10000	39.2	43.1	46.2	48.5	<i>48.8</i>	48.9	49.0	49.1	49.1	49.2

Subject to technical change without prior notice.

Tab. 30: One-third octave band level for E-160 EP5 E2-MST-140-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.4	55.5	55.7	55.8	55.9	55.9	56.0	56.0	56.1
25	61.5	61.6	61.8	61.9	61.9	61.9	62.0	62.0	62.1
31.5	66.8	66.9	67.1	67.2	67.2	67.3	67.3	67.4	67.4
40	71.5	71.6	71.8	71.9	71.9	71.9	72.0	72.0	72.0
50	75.6	75.7	75.9	75.9	76.0	76.0	76.0	76.1	76.1
63	79.1	79.2	79.4	79.5	79.5	79.5	79.6	79.6	79.6
80	82.1	82.2	82.4	82.5	82.5	82.5	82.6	82.6	82.6
100	84.3	84.3	84.5	84.6	84.7	84.7	84.7	84.8	84.8
125	85.1	85.2	85.4	85.5	85.5	85.6	85.6	85.7	85.7
160	85.6	85.6	85.8	85.9	86.0	86.1	86.2	86.2	86.3
200	86.2	86.2	86.3	86.5	86.6	86.7	86.8	86.9	87.0
250	87.1	87.2	87.3	87.5	87.6	87.7	87.8	87.9	88.1
315	88.1	88.1	88.2	88.4	88.6	88.7	88.8	88.9	89.1
400	89.1	89.1	89.2	89.4	89.6	89.7	89.8	89.9	90.1
500	90.1	90.1	90.2	90.4	90.5	90.6	90.7	90.8	90.9
630	91.2	91.0	91.1	91.2	91.3	91.4	91.5	91.5	91.6
800	92.0	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9
1000	93.2	92.9	92.7	92.8	92.8	92.7	92.7	92.7	92.7
1250	94.6	94.4	94.2	94.1	94.1	94.0	94.0	94.0	93.9
1600	95.4	95.5	95.4	95.2	95.1	95.1	95.0	94.9	94.9
2000	94.9	95.0	95.1	95.0	94.9	94.8	94.7	94.7	94.6
2500	93.4	93.6	93.8	93.7	93.7	93.6	93.6	93.5	93.4
3150	91.1	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.4
4000	87.5	87.7	88.0	88.0	88.1	88.1	88.1	88.1	88.1
5000	82.2	82.4	82.8	82.9	83.0	83.0	83.0	83.1	83.1
6300	74.4	74.6	75.0	75.2	75.3	75.3	75.4	75.5	75.5
8000	63.0	63.3	63.8	64.0	64.1	64.2	64.2	64.3	64.3
10000	49.3	49.5	50.1	50.3	50.4	50.5	50.5	50.6	50.6

Subject to technical change without prior notice.

5.4 One-third octave band level E-160 EP5 E2-MST-166-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 31: One-third octave band level for E-160 EP5 E2-MST-166-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.2	51.6	53.7	55.0	<i>55.2</i>	55.3	55.4	55.5	55.5	55.6
25	55.0	57.5	59.7	61.1	<i>61.3</i>	61.3	61.4	61.5	61.6	61.7
31.5	60.1	62.7	65.0	66.5	<i>66.6</i>	66.7	66.8	66.9	66.9	67.0
40	64.5	67.3	69.7	71.2	<i>71.4</i>	71.4	71.5	71.6	71.6	71.7
50	68.4	71.2	73.7	75.3	<i>75.5</i>	75.5	75.6	75.6	75.7	75.8
63	71.8	74.7	77.2	78.8	<i>79.0</i>	79.0	79.1	79.2	79.3	79.3
80	74.7	77.6	80.2	81.9	<i>82.0</i>	82.1	82.2	82.2	82.3	82.3
100	76.7	79.7	82.4	84.0	<i>84.2</i>	84.3	84.3	84.4	84.4	84.5
125	77.7	80.7	83.3	85.0	<i>85.2</i>	85.2	85.3	85.3	85.3	85.3
160	78.3	81.3	83.9	85.5	<i>85.8</i>	85.8	85.8	85.8	85.8	85.8
200	79.0	82.0	84.6	86.2	<i>86.6</i>	86.5	86.5	86.4	86.4	86.4
250	80.2	83.1	85.7	87.3	<i>87.7</i>	87.6	87.5	87.4	87.4	87.4
315	81.2	84.3	86.7	88.3	<i>88.9</i>	88.7	88.5	88.4	88.3	88.3
400	82.3	85.5	87.9	89.5	<i>90.2</i>	89.9	89.7	89.5	89.4	89.3
500	83.3	86.6	89.1	90.8	<i>91.4</i>	91.1	90.9	90.7	90.5	90.4
630	83.9	87.5	90.1	91.8	<i>92.2</i>	92.1	92.0	91.8	91.6	91.4
800	84.1	87.8	90.6	92.3	<i>92.7</i>	92.7	92.6	92.5	92.4	92.2
1000	84.6	88.5	91.4	93.2	<i>93.4</i>	93.5	93.5	93.5	93.5	93.4
1250	85.3	89.3	92.4	94.3	<i>94.4</i>	94.5	94.6	94.6	94.6	94.7
1600	85.8	89.8	93.0	94.9	<i>95.0</i>	95.1	95.2	95.3	95.3	95.4
2000	85.1	89.1	92.3	94.3	<i>94.4</i>	94.5	94.6	94.6	94.7	94.8
2500	83.4	87.5	90.7	92.6	<i>92.7</i>	92.8	92.9	93.0	93.1	93.2
3150	80.9	84.9	88.1	90.1	<i>90.2</i>	90.3	90.4	90.5	90.6	90.7
4000	77.0	81.0	84.2	86.1	<i>86.2</i>	86.3	86.4	86.5	86.6	86.7
5000	71.4	75.3	78.4	80.4	<i>80.5</i>	80.6	80.7	80.8	80.9	81.0
6300	62.9	66.7	69.9	71.9	<i>72.0</i>	72.0	72.1	72.2	72.3	72.4
8000	50.3	54.2	57.4	59.3	<i>59.4</i>	59.5	59.6	59.6	59.7	59.8
10000	34.8	38.6	41.8	43.8	<i>43.9</i>	44.0	44.1	44.2	44.2	44.3

Subject to technical change without prior notice.

Tab. 32: One-third octave band level for E-160 EP5 E2-MST-166-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.7	55.9	56.0	56.1	56.2	56.2	56.3	56.3	56.3
25	61.7	61.9	62.0	62.1	62.2	62.2	62.3	62.3	62.3
31.5	67.1	67.2	67.4	67.5	67.5	67.5	67.6	67.6	67.6
40	71.8	71.9	72.0	72.1	72.2	72.2	72.3	72.2	72.3
50	75.9	76.0	76.1	76.2	76.3	76.3	76.3	76.3	76.4
63	79.4	79.5	79.6	79.7	79.8	79.8	79.8	79.8	79.9
80	82.4	82.5	82.7	82.7	82.8	82.8	82.9	82.9	82.9
100	84.5	84.7	84.8	84.9	84.9	84.9	85.0	85.0	85.1
125	85.4	85.5	85.6	85.7	85.8	85.8	85.9	85.9	86.0
160	85.8	85.9	86.1	86.2	86.3	86.3	86.4	86.5	86.5
200	86.4	86.5	86.6	86.8	86.9	86.9	87.0	87.1	87.2
250	87.4	87.4	87.6	87.8	87.9	88.0	88.1	88.2	88.3
315	88.3	88.3	88.5	88.7	88.8	88.9	89.0	89.2	89.3
400	89.3	89.3	89.5	89.6	89.8	89.9	90.0	90.2	90.3
500	90.3	90.3	90.4	90.6	90.7	90.8	90.9	91.1	91.1
630	91.3	91.2	91.3	91.4	91.5	91.6	91.6	91.7	91.8
800	92.0	91.8	91.8	91.9	92.0	92.0	92.0	92.0	92.0
1000	93.2	92.9	92.9	92.8	92.9	92.8	92.8	92.8	92.8
1250	94.6	94.4	94.2	94.2	94.1	94.1	94.1	94.0	94.0
1600	95.5	95.5	95.3	95.2	95.1	95.0	95.0	94.9	94.9
2000	94.9	95.1	95.0	94.9	94.8	94.7	94.7	94.6	94.5
2500	93.3	93.5	93.5	93.5	93.5	93.4	93.4	93.3	93.2
3150	90.8	91.0	91.1	91.1	91.2	91.1	91.1	91.1	91.1
4000	86.8	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4
5000	81.1	81.4	81.6	81.7	81.8	81.8	81.9	81.9	81.9
6300	72.5	72.8	73.1	73.3	73.4	73.4	73.5	73.5	73.5
8000	59.9	60.3	60.7	60.9	61.0	61.0	61.1	61.1	61.1
10000	44.4	44.8	45.2	45.4	45.5	45.5	45.6	45.6	45.6

Subject to technical change without prior notice.

6 Operating mode 102.9 dB

6.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 33: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	50.2	51.6	53.0	54.1	54.2	54.2	54.3	54.3	54.4	54.5	54.5
25	56.1	57.5	59.0	60.1	60.3	60.3	60.3	60.4	60.4	60.5	60.5
31.5	61.2	62.7	64.3	65.5	65.6	65.6	65.7	65.7	65.7	65.8	65.9
40	65.7	67.3	68.9	70.2	70.3	70.3	70.3	70.4	70.4	70.5	70.5
50	69.7	71.3	73.0	74.2	74.4	74.4	74.4	74.4	74.5	74.6	74.6
63	73.1	74.8	76.4	77.8	77.9	77.9	77.9	78.0	78.0	78.1	78.1
80	76.0	77.7	79.4	80.8	81.0	81.0	81.0	81.0	81.0	81.1	81.2
100	78.1	79.8	81.6	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.3
125	79.1	80.8	82.6	83.9	84.1	84.1	84.1	84.1	84.1	84.2	84.2
160	79.7	81.4	83.2	84.5	84.8	84.8	84.8	84.7	84.7	84.7	84.7
200	80.5	82.2	83.9	85.2	85.5	85.6	85.5	85.4	85.4	85.4	85.4
250	81.6	83.3	85.0	86.3	86.6	86.8	86.6	86.5	86.4	86.4	86.4
315	82.8	84.4	86.1	87.3	87.8	88.0	87.8	87.6	87.5	87.4	87.4
400	84.1	85.7	87.3	88.6	89.1	89.3	89.1	88.9	88.7	88.6	88.5
500	85.2	86.9	88.5	89.8	90.3	90.4	90.3	90.1	89.9	89.8	89.7
630	86.0	87.8	89.5	90.9	91.2	91.3	91.2	91.1	91.0	90.9	90.8
800	86.3	88.2	90.0	91.5	91.7	91.7	91.7	91.7	91.6	91.6	91.5
1000	86.9	88.9	90.8	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
1250	87.8	89.9	91.9	93.4	93.5	93.5	93.5	93.6	93.6	93.7	93.7
1600	88.3	90.5	92.5	94.2	94.2	94.2	94.2	94.3	94.3	94.4	94.4
2000	87.7	89.9	92.0	93.7	93.7	93.7	93.7	93.8	93.8	93.9	93.9
2500	86.3	88.5	90.6	92.2	92.3	92.2	92.3	92.3	92.4	92.5	92.5
3150	84.1	86.3	88.4	90.0	90.1	90.0	90.1	90.1	90.2	90.3	90.3
4000	80.7	82.9	85.0	86.7	86.7	86.6	86.7	86.7	86.8	86.9	87.0
5000	75.9	78.0	80.1	81.8	81.8	81.8	81.8	81.9	81.9	82.0	82.0
6300	68.7	70.8	72.9	74.5	74.6	74.6	74.6	74.6	74.7	74.7	74.8
8000	58.3	60.5	62.5	64.2	64.2	64.2	64.2	64.3	64.3	64.4	64.4

Subject to technical change without prior notice.

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	45.7	47.9	50.0	51.7	51.7	51.7	51.7	51.8	51.9	52.0	52.0

Tab. 34: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	54.5	54.6	54.7	54.7	54.8	54.9	54.9	55.0	55.1	55.2
25	60.6	60.6	60.7	60.7	60.8	60.9	60.9	61.0	61.1	61.1
31.5	65.9	65.9	66.0	66.0	66.1	66.2	66.2	66.3	66.4	66.4
40	70.5	70.6	70.6	70.7	70.7	70.8	70.9	71.0	71.0	71.1
50	74.6	74.7	74.7	74.7	74.8	74.9	74.9	75.0	75.1	75.1
63	78.1	78.2	78.2	78.3	78.3	78.4	78.4	78.5	78.6	78.6
80	81.1	81.2	81.2	81.3	81.3	81.4	81.4	81.5	81.6	81.6
100	83.3	83.3	83.4	83.4	83.4	83.5	83.6	83.6	83.7	83.7
125	84.2	84.2	84.2	84.2	84.3	84.3	84.4	84.5	84.6	84.6
160	84.7	84.7	84.7	84.7	84.8	84.8	84.9	84.9	85.0	85.1
200	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.5	85.6	85.7
250	86.4	86.3	86.3	86.3	86.3	86.3	86.4	86.5	86.7	86.7
315	87.3	87.3	87.2	87.2	87.3	87.3	87.4	87.5	87.6	87.7
400	88.4	88.3	88.3	88.2	88.3	88.2	88.4	88.5	88.6	88.7
500	89.6	89.4	89.4	89.3	89.3	89.3	89.3	89.4	89.6	89.6
630	90.7	90.5	90.4	90.3	90.3	90.2	90.3	90.3	90.4	90.5
800	91.5	91.3	91.2	91.1	91.1	90.9	90.8	90.9	90.9	90.9
1000	92.5	92.5	92.4	92.3	92.3	92.0	91.9	91.9	91.9	91.9
1250	93.7	93.7	93.7	93.7	93.7	93.6	93.4	93.3	93.3	93.2
1600	94.4	94.5	94.6	94.6	94.7	94.7	94.5	94.4	94.4	94.3
2000	93.9	94.0	94.1	94.1	94.2	94.3	94.3	94.2	94.2	94.1
2500	92.5	92.6	92.7	92.7	92.8	92.9	93.0	93.0	93.0	92.9
3150	90.4	90.4	90.5	90.5	90.6	90.8	90.8	90.9	91.0	90.9
4000	87.0	87.1	87.1	87.2	87.2	87.4	87.5	87.6	87.7	87.7
5000	82.1	82.2	82.2	82.3	82.4	82.5	82.7	82.8	82.9	83.0
6300	74.8	74.9	74.9	75.0	75.1	75.3	75.5	75.7	75.8	75.9
8000	64.4	64.5	64.5	64.6	64.7	64.9	65.2	65.4	65.6	65.6
10000	52.0	52.1	52.1	52.1	52.2	52.5	52.8	53.1	53.2	53.3

Subject to technical change without prior notice.

6.2 One-third octave band level E-160 EP5 E2-MST-120-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 35: One-third octave band level for E-160 EP5 E2-MST-120-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.2	50.6	52.7	54.1	<i>54.2</i>	54.3	54.4	54.5	54.6	54.6
25	53.9	56.5	58.6	60.1	<i>60.3</i>	60.3	60.4	60.5	60.6	60.6
31.5	59.0	61.6	63.9	65.5	<i>65.6</i>	65.7	65.7	65.8	65.9	65.9
40	63.4	66.2	68.5	70.2	<i>70.3</i>	70.4	70.4	70.5	70.6	70.6
50	67.3	70.1	72.6	74.3	<i>74.4</i>	74.4	74.5	74.6	74.6	74.7
63	70.6	73.5	76.0	77.8	<i>77.9</i>	78.0	78.0	78.1	78.1	78.2
80	73.5	76.5	79.0	80.8	<i>81.0</i>	81.0	81.0	81.1	81.2	81.2
100	75.6	78.6	81.2	83.0	<i>83.1</i>	83.2	83.2	83.3	83.3	83.3
125	76.5	79.6	82.1	84.0	<i>84.1</i>	84.1	84.1	84.2	84.2	84.2
160	77.2	80.2	82.7	84.6	<i>84.8</i>	84.7	84.7	84.7	84.7	84.7
200	77.9	80.9	83.4	85.2	<i>85.5</i>	85.5	85.4	85.4	85.3	85.3
250	79.1	82.1	84.6	86.3	<i>86.7</i>	86.6	86.5	86.4	86.3	86.3
315	80.2	83.3	85.7	87.4	<i>87.9</i>	87.7	87.6	87.4	87.3	87.3
400	81.2	84.5	86.9	88.7	<i>89.2</i>	89.0	88.8	88.6	88.4	88.3
500	82.1	85.7	88.1	89.9	<i>90.4</i>	90.2	90.0	89.8	89.6	89.4
630	82.8	86.5	89.1	91.0	<i>91.3</i>	91.2	91.1	90.9	90.7	90.5
800	82.9	86.8	89.6	91.5	<i>91.7</i>	91.7	91.7	91.6	91.5	91.3
1000	83.4	87.5	90.4	92.4	<i>92.5</i>	92.5	92.5	92.5	92.5	92.4
1250	84.2	88.4	91.4	93.4	<i>93.5</i>	93.6	93.6	93.7	93.7	93.7
1600	84.7	88.9	92.0	94.2	<i>94.2</i>	94.2	94.3	94.4	94.5	94.5
2000	84.1	88.4	91.5	93.6	<i>93.7</i>	93.7	93.8	93.9	94.0	94.0
2500	82.7	86.9	90.0	92.2	<i>92.2</i>	92.3	92.4	92.5	92.5	92.6
3150	80.5	84.7	87.9	90.0	<i>90.1</i>	90.1	90.2	90.3	90.4	90.4
4000	77.2	81.3	84.5	86.7	<i>86.7</i>	86.7	86.8	86.9	87.0	87.0
5000	72.4	76.5	79.6	81.8	<i>81.8</i>	81.8	81.9	82.0	82.1	82.1
6300	65.2	69.3	72.4	74.5	<i>74.6</i>	74.6	74.6	74.7	74.8	74.9
8000	54.9	58.9	62.0	64.2	<i>64.2</i>	64.2	64.3	64.4	64.4	64.5
10000	42.4	46.4	49.5	51.7	<i>51.7</i>	51.8	51.9	52.0	52.0	52.1

Subject to technical change without prior notice.

Tab. 36: One-third octave band level for E-160 EP5 E2-MST-120-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	54.7	54.8	54.9	55.0	55.1	55.2	55.2	55.2	55.3
25	60.7	60.8	60.9	61.0	61.1	61.2	61.2	61.2	61.3
31.5	66.0	66.1	66.2	66.3	66.4	66.4	66.5	66.5	66.6
40	70.6	70.7	70.8	71.0	71.0	71.1	71.1	71.1	71.2
50	74.7	74.8	74.9	75.0	75.1	75.1	75.2	75.2	75.2
63	78.2	78.3	78.4	78.5	78.6	78.6	78.7	78.7	78.7
80	81.2	81.3	81.4	81.5	81.6	81.6	81.7	81.7	81.7
100	83.4	83.4	83.5	83.6	83.7	83.8	83.8	83.8	83.9
125	84.2	84.3	84.4	84.5	84.6	84.6	84.7	84.7	84.8
160	84.7	84.8	84.8	84.9	85.0	85.1	85.2	85.3	85.3
200	85.3	85.3	85.4	85.5	85.6	85.7	85.8	85.9	86.0
250	86.3	86.3	86.4	86.5	86.7	86.8	86.9	87.0	87.1
315	87.3	87.3	87.3	87.5	87.6	87.8	87.9	88.0	88.1
400	88.3	88.3	88.3	88.5	88.6	88.8	88.9	89.0	89.1
500	89.4	89.3	89.3	89.4	89.6	89.7	89.8	89.9	90.0
630	90.4	90.3	90.2	90.3	90.4	90.5	90.6	90.6	90.7
800	91.2	91.1	90.9	90.9	90.9	91.0	91.0	91.0	91.0
1000	92.4	92.3	92.0	91.9	91.9	91.9	91.9	91.9	91.9
1250	93.7	93.7	93.5	93.3	93.2	93.2	93.2	93.1	93.1
1600	94.6	94.7	94.6	94.4	94.3	94.2	94.2	94.1	94.1
2000	94.1	94.2	94.3	94.2	94.1	94.0	94.0	93.9	93.9
2500	92.7	92.8	92.9	93.0	92.9	92.9	92.9	92.8	92.8
3150	90.5	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9
4000	87.1	87.2	87.4	87.6	87.7	87.7	87.7	87.7	87.8
5000	82.2	82.4	82.6	82.8	82.9	83.0	83.0	83.1	83.1
6300	74.9	75.1	75.4	75.7	75.8	75.9	76.0	76.0	76.0
8000	64.5	64.7	65.0	65.4	65.6	65.6	65.7	65.8	65.8
10000	52.1	52.2	52.6	53.0	53.2	53.3	53.3	53.4	53.4

Subject to technical change without prior notice.

6.3 One-third octave band level E-160 EP5 E2-MST-140-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 37: One-third octave band level for E-160 EP5 E2-MST-140-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.7	51.1	53.1	54.3	<i>54.4</i>	54.5	54.6	54.7	54.7	54.8
25	54.4	57.0	59.1	60.4	<i>60.5</i>	60.5	60.6	60.7	60.8	60.8
31.5	59.5	62.2	64.4	65.7	<i>65.8</i>	65.9	65.9	66.0	66.1	66.2
40	64.0	66.7	69.1	70.4	<i>70.5</i>	70.5	70.6	70.7	70.7	70.8
50	67.8	70.6	73.1	74.5	<i>74.6</i>	74.6	74.7	74.7	74.8	74.9
63	71.2	74.1	76.6	78.0	<i>78.1</i>	78.2	78.2	78.3	78.3	78.4
80	74.1	77.0	79.6	81.1	<i>81.1</i>	81.2	81.2	81.3	81.3	81.4
100	76.1	79.1	81.7	83.2	<i>83.3</i>	83.3	83.4	83.4	83.5	83.5
125	77.1	80.1	82.7	84.2	<i>84.3</i>	84.3	84.3	84.4	84.4	84.4
160	77.7	80.7	83.3	84.8	<i>85.0</i>	84.9	84.9	84.9	84.9	84.9
200	78.4	81.4	84.0	85.5	<i>85.7</i>	85.6	85.5	85.5	85.5	85.5
250	79.6	82.6	85.1	86.6	<i>86.9</i>	86.7	86.6	86.6	86.5	86.5
315	80.6	83.7	86.2	87.7	<i>88.1</i>	87.8	87.6	87.6	87.5	87.4
400	81.7	85.0	87.4	88.9	<i>89.4</i>	89.1	88.8	88.7	88.6	88.5
500	82.6	86.1	88.6	90.1	<i>90.5</i>	90.3	90.1	89.9	89.7	89.5
630	83.3	86.9	89.6	91.1	<i>91.4</i>	91.3	91.1	91.0	90.8	90.6
800	83.4	87.3	90.1	91.6	<i>91.8</i>	91.8	91.7	91.7	91.6	91.4
1000	83.9	88.0	90.9	92.5	<i>92.6</i>	92.6	92.6	92.6	92.6	92.5
1250	84.7	88.8	91.9	93.5	<i>93.5</i>	93.6	93.7	93.7	93.7	93.8
1600	85.2	89.4	92.5	94.2	<i>94.2</i>	94.3	94.3	94.4	94.5	94.5
2000	84.6	88.7	91.9	93.6	<i>93.6</i>	93.7	93.8	93.8	93.9	94.0
2500	83.1	87.2	90.4	92.1	<i>92.1</i>	92.2	92.3	92.3	92.4	92.5
3150	80.7	84.9	88.0	89.8	<i>89.7</i>	89.8	89.9	90.0	90.1	90.2
4000	77.2	81.2	84.4	86.1	<i>86.1</i>	86.2	86.3	86.3	86.4	86.5
5000	72.0	76.0	79.1	80.9	<i>80.9</i>	80.9	81.0	81.1	81.2	81.3
6300	64.3	68.2	71.3	73.1	<i>73.1</i>	73.1	73.2	73.2	73.3	73.4
8000	53.0	56.9	60.0	61.8	<i>61.8</i>	61.8	61.9	61.9	62.0	62.1
10000	39.2	43.1	46.2	48.0	<i>47.9</i>	48.0	48.1	48.2	48.2	48.3

Subject to technical change without prior notice.

Tab. 38: One-third octave band level for E-160 EP5 E2-MST-140-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	54.9	55.0	55.1	55.3	55.4	55.4	55.4	55.5	55.5
25	60.9	61.0	61.1	61.2	61.3	61.4	61.4	61.4	61.5
31.5	66.2	66.3	66.4	66.5	66.6	66.7	66.7	66.7	66.8
40	70.9	71.0	71.1	71.2	71.3	71.3	71.3	71.3	71.4
50	74.9	75.0	75.1	75.2	75.3	75.3	75.4	75.4	75.4
63	78.4	78.5	78.6	78.7	78.8	78.8	78.9	78.9	78.9
80	81.4	81.5	81.7	81.8	81.8	81.8	81.9	81.9	81.9
100	83.6	83.6	83.8	83.9	83.9	84.0	84.0	84.0	84.1
125	84.4	84.5	84.6	84.7	84.8	84.8	84.9	84.9	85.0
160	84.9	84.9	85.1	85.2	85.3	85.3	85.4	85.5	85.5
200	85.5	85.5	85.6	85.7	85.9	85.9	86.0	86.1	86.2
250	86.4	86.5	86.6	86.7	86.9	87.0	87.1	87.2	87.3
315	87.4	87.4	87.5	87.7	87.8	88.0	88.1	88.2	88.3
400	88.4	88.4	88.5	88.7	88.8	88.9	89.1	89.2	89.3
500	89.4	89.4	89.5	89.6	89.8	89.9	90.0	90.1	90.2
630	90.5	90.4	90.4	90.5	90.6	90.7	90.7	90.8	90.8
800	91.2	91.1	91.0	91.0	91.0	91.1	91.1	91.1	91.1
1000	92.4	92.2	92.0	92.0	92.0	92.0	92.0	91.9	91.9
1250	93.8	93.7	93.4	93.3	93.3	93.3	93.2	93.2	93.1
1600	94.6	94.7	94.5	94.4	94.3	94.2	94.2	94.1	94.0
2000	94.1	94.2	94.3	94.1	94.1	94.0	93.9	93.8	93.8
2500	92.6	92.7	92.9	92.8	92.8	92.8	92.7	92.6	92.6
3150	90.2	90.4	90.6	90.7	90.7	90.7	90.6	90.6	90.6
4000	86.6	86.8	87.0	87.1	87.2	87.2	87.2	87.2	87.2
5000	81.4	81.5	81.8	82.0	82.1	82.1	82.1	82.2	82.2
6300	73.5	73.7	74.0	74.3	74.4	74.5	74.5	74.5	74.6
8000	62.2	62.4	62.8	63.1	63.2	63.3	63.3	63.3	63.4
10000	48.4	48.6	49.1	49.4	49.5	49.6	49.6	49.6	49.6

Subject to technical change without prior notice.

6.4 One-third octave band level E-160 EP5 E2-MST-166-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 39: One-third octave band level for E-160 EP5 E2-MST-166-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.2	51.6	53.7	<i>54.6</i>	54.7	54.7	54.8	54.9	55.0	55.1
25	55.0	57.5	59.7	<i>60.7</i>	60.7	60.8	60.9	60.9	61.0	61.1
31.5	60.1	62.7	65.0	<i>66.0</i>	66.0	66.1	66.2	66.3	66.3	66.4
40	64.5	67.3	69.6	<i>70.7</i>	70.7	70.8	70.9	70.9	71.0	71.1
50	68.4	71.2	73.6	<i>74.8</i>	74.8	74.9	74.9	75.0	75.1	75.2
63	71.8	74.7	77.2	<i>78.3</i>	78.3	78.4	78.5	78.5	78.6	78.7
80	74.7	77.6	80.2	<i>81.4</i>	81.4	81.4	81.5	81.5	81.6	81.7
100	76.7	79.7	82.3	<i>83.5</i>	83.5	83.6	83.6	83.7	83.7	83.8
125	77.7	80.7	83.3	<i>84.5</i>	84.5	84.5	84.6	84.6	84.6	84.7
160	78.3	81.3	83.8	<i>85.1</i>	85.1	85.1	85.1	85.1	85.1	85.1
200	79.0	82.0	84.5	<i>85.8</i>	85.9	85.8	85.7	85.7	85.7	85.7
250	80.2	83.1	85.6	<i>86.9</i>	87.0	86.9	86.8	86.8	86.7	86.7
315	81.2	84.3	86.7	<i>88.0</i>	88.2	88.0	87.8	87.7	87.6	87.6
400	82.3	85.5	87.9	<i>89.3</i>	89.5	89.2	88.9	88.8	88.7	88.6
500	83.3	86.6	89.1	<i>90.5</i>	90.6	90.4	90.2	90.0	89.8	89.7
630	83.9	87.5	90.1	<i>91.4</i>	91.5	91.4	91.2	91.1	90.9	90.7
800	84.1	87.8	90.6	<i>91.8</i>	91.9	91.9	91.8	91.8	91.6	91.5
1000	84.6	88.5	91.3	<i>92.6</i>	92.6	92.7	92.7	92.7	92.6	92.6
1250	85.3	89.3	92.3	<i>93.6</i>	93.6	93.7	93.7	93.8	93.8	93.8
1600	85.8	89.8	92.9	<i>94.2</i>	94.2	94.3	94.4	94.4	94.5	94.6
2000	85.1	89.1	92.2	<i>93.6</i>	93.5	93.6	93.7	93.8	93.8	94.0
2500	83.4	87.5	90.6	<i>91.9</i>	91.9	92.0	92.1	92.2	92.2	92.3
3150	80.9	84.9	88.0	<i>89.4</i>	89.3	89.4	89.5	89.6	89.7	89.8
4000	77.0	81.0	84.1	<i>85.4</i>	85.4	85.5	85.6	85.7	85.7	85.9
5000	71.4	75.3	78.4	<i>79.7</i>	79.7	79.7	79.8	79.9	80.0	80.1
6300	62.9	66.7	69.8	<i>71.2</i>	71.1	71.2	71.2	71.3	71.4	71.5
8000	50.3	54.2	57.3	<i>58.6</i>	58.6	58.6	58.7	58.8	58.8	59.0
10000	34.8	38.6	41.7	<i>43.0</i>	43.0	43.1	43.2	43.3	43.3	43.5

Subject to technical change without prior notice.

Tab. 40: One-third octave band level for E-160 EP5 E2-MST-166-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.2	55.3	55.5	55.5	55.6	55.7	55.7	55.8	55.8
25	61.2	61.3	61.5	61.5	61.6	61.6	61.6	61.7	61.7
31.5	66.5	66.6	66.8	66.8	66.9	66.9	66.9	67.0	67.0
40	71.1	71.2	71.4	71.5	71.5	71.6	71.6	71.6	71.7
50	75.2	75.3	75.5	75.5	75.6	75.6	75.6	75.7	75.7
63	78.7	78.8	79.0	79.0	79.1	79.1	79.1	79.2	79.2
80	81.7	81.8	82.0	82.0	82.1	82.1	82.1	82.2	82.2
100	83.8	83.9	84.1	84.1	84.2	84.2	84.2	84.3	84.3
125	84.7	84.7	84.9	85.0	85.0	85.1	85.1	85.2	85.3
160	85.1	85.2	85.3	85.4	85.5	85.6	85.7	85.7	85.8
200	85.7	85.7	85.9	86.0	86.1	86.2	86.3	86.4	86.5
250	86.6	86.7	86.9	87.0	87.1	87.2	87.3	87.4	87.6
315	87.6	87.6	87.8	87.9	88.1	88.2	88.3	88.4	88.6
400	88.5	88.6	88.7	88.9	89.1	89.2	89.3	89.4	89.6
500	89.6	89.5	89.7	89.8	90.0	90.1	90.2	90.3	90.4
630	90.6	90.5	90.6	90.7	90.8	90.8	90.9	91.0	91.0
800	91.3	91.1	91.1	91.1	91.2	91.2	91.2	91.3	91.3
1000	92.5	92.2	92.1	92.1	92.1	92.1	92.0	92.0	92.0
1250	93.8	93.7	93.5	93.4	93.3	93.3	93.2	93.2	93.2
1600	94.6	94.7	94.5	94.4	94.3	94.2	94.1	94.1	94.0
2000	94.0	94.2	94.2	94.0	94.0	93.9	93.8	93.8	93.7
2500	92.4	92.6	92.7	92.6	92.6	92.5	92.5	92.4	92.4
3150	89.9	90.1	90.3	90.3	90.3	90.2	90.2	90.2	90.2
4000	86.0	86.1	86.4	86.4	86.5	86.5	86.5	86.5	86.5
5000	80.2	80.4	80.7	80.8	80.9	80.9	81.0	81.0	81.0
6300	71.6	71.8	72.2	72.4	72.5	72.5	72.6	72.6	72.6
8000	59.0	59.3	59.8	60.0	60.1	60.1	60.1	60.2	60.2
10000	43.5	43.8	44.3	44.5	44.6	44.6	44.7	44.7	44.7

Subject to technical change without prior notice.

7 Operating mode 102.0 dB

7.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 41: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	50.2	51.6	53.0	53.5	53.7	53.6	53.7	53.7	53.8	53.8	53.9
25	56.1	57.5	59.0	59.5	59.7	59.6	59.7	59.7	59.8	59.8	59.9
31.5	61.2	62.7	64.3	64.8	65.0	64.9	65.0	65.0	65.1	65.1	65.2
40	65.7	67.3	68.9	69.5	69.6	69.6	69.6	69.7	69.7	69.8	69.8
50	69.7	71.3	73.0	73.5	73.7	73.6	73.7	73.7	73.8	73.8	73.8
63	73.1	74.8	76.4	77.0	77.2	77.1	77.2	77.2	77.3	77.3	77.3
80	76.0	77.7	79.4	80.0	80.2	80.1	80.2	80.2	80.3	80.3	80.3
100	78.1	79.8	81.6	82.2	82.4	82.3	82.3	82.4	82.4	82.4	82.5
125	79.1	80.8	82.6	83.2	83.4	83.3	83.3	83.3	83.4	83.4	83.4
160	79.7	81.4	83.2	83.8	84.1	84.0	83.9	83.9	83.9	83.9	83.9
200	80.5	82.2	83.9	84.5	84.8	84.8	84.7	84.6	84.6	84.6	84.5
250	81.6	83.3	85.0	85.7	86.1	86.0	85.8	85.7	85.7	85.6	85.6
315	82.8	84.4	86.1	86.8	87.3	87.3	87.0	86.8	86.7	86.6	86.6
400	84.1	85.7	87.3	88.1	88.6	88.5	88.3	88.1	87.9	87.8	87.7
500	85.2	86.9	88.5	89.3	89.7	89.7	89.5	89.3	89.2	89.0	88.9
630	86.0	87.8	89.5	90.2	90.5	90.5	90.4	90.3	90.2	90.1	90.0
800	86.3	88.2	90.0	90.7	90.9	90.9	90.9	90.8	90.8	90.7	90.7
1000	86.9	88.9	90.8	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6
1250	87.8	89.9	91.9	92.5	92.5	92.6	92.6	92.7	92.7	92.7	92.7
1600	88.3	90.5	92.5	93.2	93.2	93.2	93.3	93.3	93.4	93.4	93.5
2000	87.7	89.9	92.0	92.7	92.6	92.7	92.7	92.8	92.9	92.9	93.0
2500	86.3	88.5	90.6	91.2	91.2	91.2	91.3	91.4	91.4	91.5	91.5
3150	84.1	86.3	88.4	89.0	89.0	89.0	89.1	89.2	89.2	89.3	89.3
4000	80.7	82.9	85.0	85.7	85.6	85.6	85.7	85.8	85.9	85.9	86.0
5000	75.9	78.0	80.1	80.8	80.7	80.8	80.8	80.9	81.0	81.0	81.1
6300	68.7	70.8	72.9	73.6	73.5	73.6	73.6	73.7	73.7	73.7	73.8
8000	58.3	60.5	62.5	63.2	63.2	63.2	63.3	63.3	63.4	63.4	63.4

Subject to technical change without prior notice.

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	45.7	47.9	50.0	50.7	50.6	50.7	50.8	50.9	50.9	51.0	51.0

Tab. 42: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	53.9	54.0	54.1	54.1	54.2	54.2	54.3	54.4	54.5	54.5
25	59.9	60.0	60.0	60.1	60.1	60.1	60.3	60.3	60.4	60.4
31.5	65.2	65.3	65.3	65.4	65.4	65.4	65.6	65.6	65.7	65.7
40	69.9	69.9	70.0	70.0	70.0	70.0	70.2	70.2	70.3	70.3
50	73.9	73.9	74.0	74.0	74.0	74.1	74.2	74.2	74.3	74.3
63	77.4	77.4	77.5	77.5	77.5	77.5	77.7	77.7	77.8	77.8
80	80.4	80.4	80.5	80.5	80.5	80.5	80.7	80.7	80.8	80.8
100	82.5	82.6	82.6	82.6	82.6	82.6	82.8	82.8	82.9	82.9
125	83.4	83.4	83.4	83.5	83.5	83.5	83.6	83.7	83.7	83.8
160	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.1	84.2	84.2
200	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.7	84.8	84.8
250	85.5	85.5	85.5	85.5	85.5	85.5	85.6	85.7	85.8	85.9
315	86.5	86.5	86.5	86.5	86.4	86.5	86.5	86.7	86.7	86.8
400	87.6	87.6	87.5	87.5	87.5	87.5	87.5	87.7	87.7	87.8
500	88.8	88.7	88.6	88.5	88.5	88.5	88.5	88.6	88.7	88.8
630	89.9	89.8	89.6	89.5	89.5	89.5	89.4	89.5	89.5	89.6
800	90.6	90.5	90.4	90.3	90.2	90.1	90.0	90.0	90.0	90.1
1000	91.6	91.6	91.5	91.4	91.4	91.3	91.1	91.0	91.0	91.0
1250	92.8	92.8	92.8	92.8	92.8	92.7	92.5	92.4	92.4	92.3
1600	93.5	93.6	93.6	93.7	93.7	93.7	93.7	93.5	93.4	93.4
2000	93.0	93.1	93.1	93.2	93.2	93.2	93.4	93.3	93.2	93.1
2500	91.6	91.6	91.7	91.7	91.8	91.8	92.0	92.0	92.0	91.9
3150	89.4	89.5	89.5	89.6	89.6	89.7	89.8	89.9	90.0	89.9
4000	86.0	86.1	86.2	86.2	86.3	86.3	86.5	86.6	86.7	86.7
5000	81.1	81.2	81.3	81.3	81.4	81.4	81.7	81.8	81.9	82.0
6300	73.8	73.9	74.0	74.0	74.1	74.2	74.5	74.6	74.8	74.8
8000	63.5	63.5	63.6	63.6	63.7	63.8	64.2	64.3	64.5	64.6
10000	51.1	51.1	51.2	51.2	51.3	51.4	51.8	52.0	52.2	52.2

Subject to technical change without prior notice.

7.2 One-third octave band level E-160 EP5 E2-MST-120-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 43: One-third octave band level for E-160 EP5 E2-MST-120-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.2	50.6	52.7	53.5	53.6	53.7	53.8	53.8	53.9	54.0
25	53.9	56.5	58.6	59.5	59.6	59.7	59.8	59.8	59.9	60.0
31.5	59.0	61.6	63.9	64.8	<i>64.9</i>	65.0	65.1	65.1	65.2	65.3
40	63.4	66.2	68.5	69.5	<i>69.6</i>	69.7	69.7	69.8	69.8	69.9
50	67.3	70.1	72.6	73.5	<i>73.6</i>	73.7	73.8	73.8	73.9	73.9
63	70.6	73.5	76.0	77.0	<i>77.1</i>	77.2	77.3	77.3	77.4	77.4
80	73.5	76.5	79.0	80.1	<i>80.2</i>	80.2	80.3	80.3	80.4	80.4
100	75.6	78.6	81.2	82.2	<i>82.3</i>	82.4	82.4	82.4	82.5	82.6
125	76.5	79.6	82.1	83.2	<i>83.4</i>	83.3	83.4	83.4	83.4	83.4
160	77.2	80.2	82.7	83.9	<i>84.0</i>	83.9	83.9	83.9	83.9	83.9
200	77.9	80.9	83.4	84.6	<i>84.8</i>	84.6	84.6	84.6	84.5	84.5
250	79.1	82.1	84.6	85.8	<i>86.0</i>	85.8	85.7	85.6	85.5	85.5
315	80.2	83.3	85.7	87.0	<i>87.3</i>	86.9	86.7	86.6	86.5	86.5
400	81.2	84.5	86.9	88.2	<i>88.6</i>	88.2	88.0	87.8	87.6	87.6
500	82.1	85.7	88.1	89.4	<i>89.7</i>	89.4	89.2	89.0	88.8	88.7
630	82.8	86.5	89.1	90.3	<i>90.5</i>	90.4	90.2	90.1	89.9	89.8
800	82.9	86.8	89.6	90.8	<i>90.9</i>	90.8	90.8	90.7	90.6	90.5
1000	83.4	87.5	90.4	91.5	<i>91.6</i>	91.6	91.6	91.6	91.6	91.6
1250	84.2	88.4	91.4	92.5	<i>92.6</i>	92.6	92.7	92.7	92.8	92.8
1600	84.7	88.9	92.0	93.2	<i>93.2</i>	93.3	93.4	93.4	93.5	93.6
2000	84.1	88.4	91.5	92.6	<i>92.6</i>	92.8	92.9	92.9	93.0	93.1
2500	82.7	86.9	90.0	91.2	<i>91.2</i>	91.4	91.4	91.5	91.6	91.6
3150	80.5	84.7	87.9	89.0	<i>89.0</i>	89.2	89.2	89.3	89.4	89.5
4000	77.2	81.3	84.5	85.6	<i>85.6</i>	85.8	85.9	85.9	86.0	86.1
5000	72.4	76.5	79.6	80.8	<i>80.8</i>	80.9	81.0	81.0	81.1	81.2
6300	65.2	69.3	72.4	73.5	<i>73.5</i>	73.7	73.7	73.7	73.8	73.9
8000	54.9	58.9	62.0	63.2	<i>63.2</i>	63.3	63.4	63.4	63.5	63.5
10000	42.4	46.4	49.5	50.7	<i>50.7</i>	50.8	50.9	51.0	51.1	51.1

Subject to technical change without prior notice.

Tab. 44: One-third octave band level for E-160 EP5 E2-MST-120-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	54.1	54.2	54.2	54.4	54.5	54.5	54.6	54.6	54.7
25	60.0	60.1	60.2	60.3	60.4	60.4	60.5	60.6	60.6
31.5	65.3	65.4	65.5	65.6	65.7	65.7	65.8	65.8	65.8
40	70.0	70.0	70.1	70.2	70.3	70.3	70.4	70.4	70.4
50	74.0	74.0	74.1	74.2	74.3	74.3	74.4	74.4	74.4
63	77.5	77.5	77.6	77.7	77.8	77.8	77.9	77.9	77.9
80	80.5	80.5	80.6	80.7	80.8	80.8	80.9	80.9	80.9
100	82.6	82.6	82.7	82.8	82.9	82.9	83.0	83.0	83.0
125	83.5	83.5	83.5	83.7	83.8	83.8	83.8	83.9	83.9
160	83.9	83.9	84.0	84.1	84.2	84.3	84.3	84.4	84.5
200	84.5	84.5	84.6	84.7	84.8	84.9	85.0	85.1	85.1
250	85.5	85.5	85.5	85.7	85.8	85.9	86.0	86.2	86.2
315	86.5	86.4	86.5	86.6	86.8	86.9	87.0	87.2	87.2
400	87.5	87.5	87.5	87.6	87.8	87.9	88.0	88.2	88.3
500	88.6	88.5	88.5	88.6	88.8	88.9	89.0	89.1	89.1
630	89.6	89.5	89.4	89.5	89.6	89.7	89.7	89.8	89.8
800	90.4	90.2	90.1	90.0	90.1	90.1	90.1	90.2	90.1
1000	91.5	91.4	91.2	91.0	91.0	91.0	91.0	91.0	91.0
1250	92.8	92.8	92.6	92.4	92.4	92.3	92.3	92.2	92.2
1600	93.6	93.7	93.7	93.5	93.4	93.3	93.3	93.2	93.1
2000	93.1	93.2	93.3	93.3	93.2	93.1	93.1	93.0	92.9
2500	91.7	91.8	91.9	92.0	92.0	91.9	91.9	91.8	91.8
3150	89.5	89.6	89.7	89.9	90.0	89.9	90.0	89.9	89.9
4000	86.2	86.3	86.4	86.6	86.7	86.7	86.8	86.8	86.8
5000	81.3	81.4	81.5	81.8	81.9	82.0	82.0	82.1	82.1
6300	74.0	74.1	74.3	74.6	74.8	74.9	75.0	75.0	75.0
8000	63.6	63.7	64.0	64.3	64.5	64.6	64.7	64.7	64.8
10000	51.1	51.3	51.5	52.0	52.2	52.2	52.3	52.3	52.4

Subject to technical change without prior notice.

7.3 One-third octave band level E-160 EP5 E2-MST-140-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 45: One-third octave band level for E-160 EP5 E2-MST-140-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.7	51.1	53.1	<i>53.7</i>	53.8	53.9	54.0	54.0	54.1	54.2
25	54.4	57.0	59.1	<i>59.8</i>	59.8	59.9	60.0	60.0	60.1	60.2
31.5	59.5	62.2	64.4	<i>65.1</i>	65.1	65.2	65.3	65.3	65.4	65.5
40	64.0	66.7	69.1	<i>69.7</i>	69.7	69.8	69.9	69.9	70.0	70.1
50	67.8	70.6	73.1	<i>73.8</i>	73.8	73.9	73.9	74.0	74.1	74.1
63	71.2	74.1	76.6	<i>77.3</i>	77.3	77.4	77.4	77.5	77.6	77.6
80	74.1	77.0	79.6	<i>80.3</i>	80.3	80.4	80.4	80.5	80.6	80.6
100	76.1	79.1	81.7	<i>82.5</i>	82.5	82.5	82.6	82.6	82.7	82.7
125	77.1	80.1	82.7	<i>83.5</i>	83.5	83.5	83.5	83.5	83.6	83.6
160	77.7	80.7	83.3	<i>84.1</i>	84.1	84.1	84.1	84.1	84.1	84.1
200	78.4	81.4	84.0	<i>84.9</i>	84.9	84.8	84.7	84.7	84.7	84.7
250	79.6	82.6	85.1	<i>86.0</i>	86.1	85.9	85.8	85.8	85.7	85.7
315	80.6	83.7	86.2	<i>87.2</i>	87.4	87.1	86.9	86.8	86.7	86.6
400	81.7	85.0	87.4	<i>88.5</i>	88.7	88.3	88.0	87.9	87.8	87.7
500	82.6	86.1	88.6	<i>89.6</i>	89.8	89.5	89.3	89.1	88.9	88.7
630	83.3	86.9	89.6	<i>90.5</i>	90.6	90.5	90.3	90.2	90.0	89.8
800	83.4	87.3	90.1	<i>90.9</i>	91.0	90.9	90.9	90.8	90.7	90.6
1000	83.9	88.0	90.9	<i>91.6</i>	91.7	91.7	91.7	91.7	91.7	91.6
1250	84.7	88.8	91.9	<i>92.6</i>	92.6	92.7	92.7	92.8	92.8	92.8
1600	85.2	89.4	92.5	<i>93.2</i>	93.2	93.3	93.4	93.4	93.5	93.6
2000	84.6	88.7	91.9	<i>92.6</i>	92.6	92.7	92.8	92.9	92.9	93.0
2500	83.1	87.2	90.4	<i>91.1</i>	91.1	91.2	91.3	91.3	91.4	91.5
3150	80.7	84.9	88.0	<i>88.7</i>	88.7	88.8	88.9	89.0	89.1	89.2
4000	77.2	81.2	84.4	<i>85.1</i>	85.1	85.2	85.3	85.4	85.5	85.5
5000	72.0	76.0	79.1	<i>79.9</i>	79.8	79.9	80.0	80.1	80.2	80.3
6300	64.3	68.2	71.3	<i>72.1</i>	72.0	72.1	72.2	72.2	72.3	72.4
8000	53.0	56.9	60.0	<i>60.8</i>	60.7	60.8	60.9	61.0	61.0	61.1
10000	39.2	43.1	46.2	<i>46.9</i>	46.9	47.0	47.2	47.2	47.3	47.4

Subject to technical change without prior notice.

Tab. 46: One-third octave band level for E-160 EP5 E2-MST-140-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	54.3	54.4	54.5	54.6	54.7	54.7	54.8	54.8	54.9
25	60.3	60.3	60.5	60.6	60.6	60.7	60.8	60.8	60.8
31.5	65.5	65.6	65.7	65.8	65.9	65.9	66.0	66.0	66.0
40	70.2	70.2	70.4	70.5	70.5	70.5	70.6	70.6	70.6
50	74.2	74.3	74.4	74.5	74.5	74.5	74.6	74.6	74.6
63	77.7	77.7	77.9	78.0	78.0	78.0	78.1	78.1	78.1
80	80.7	80.7	80.9	80.9	81.0	81.0	81.1	81.1	81.1
100	82.8	82.8	83.0	83.0	83.1	83.1	83.2	83.2	83.2
125	83.6	83.7	83.8	83.9	84.0	84.0	84.1	84.1	84.1
160	84.1	84.1	84.2	84.3	84.4	84.5	84.6	84.7	84.7
200	84.7	84.6	84.8	84.9	85.1	85.1	85.2	85.3	85.3
250	85.7	85.6	85.7	85.9	86.1	86.2	86.2	86.4	86.4
315	86.6	86.6	86.7	86.9	87.0	87.1	87.2	87.4	87.4
400	87.6	87.6	87.7	87.8	88.0	88.1	88.2	88.4	88.5
500	88.7	88.6	88.6	88.8	89.0	89.1	89.2	89.3	89.3
630	89.7	89.5	89.5	89.6	89.8	89.8	89.9	90.0	90.0
800	90.4	90.2	90.1	90.1	90.2	90.2	90.2	90.3	90.2
1000	91.5	91.4	91.2	91.1	91.1	91.1	91.1	91.1	91.0
1250	92.9	92.8	92.6	92.5	92.4	92.3	92.3	92.3	92.2
1600	93.7	93.7	93.7	93.5	93.4	93.3	93.3	93.2	93.1
2000	93.1	93.2	93.3	93.2	93.1	93.0	93.0	92.9	92.8
2500	91.6	91.7	91.9	91.9	91.8	91.8	91.7	91.7	91.6
3150	89.3	89.4	89.5	89.7	89.6	89.6	89.7	89.6	89.6
4000	85.7	85.8	86.0	86.1	86.2	86.2	86.2	86.2	86.2
5000	80.4	80.5	80.8	81.0	81.0	81.1	81.2	81.2	81.2
6300	72.6	72.7	73.0	73.2	73.4	73.4	73.5	73.5	73.5
8000	61.2	61.4	61.7	62.0	62.2	62.2	62.3	62.3	62.3
10000	47.4	47.6	48.0	48.3	48.5	48.5	48.6	48.6	48.6

Subject to technical change without prior notice.

7.4 One-third octave band level E-160 EP5 E2-MST-166-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 47: One-third octave band level for E-160 EP5 E2-MST-166-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.2	51.6	53.5	<i>54.0</i>	54.0	54.1	54.2	54.3	54.4	54.5
25	55.0	57.5	59.5	<i>60.0</i>	60.0	60.1	60.2	60.3	60.4	60.4
31.5	60.1	62.7	64.8	<i>65.3</i>	65.3	65.4	65.5	65.6	65.6	65.7
40	64.5	67.3	69.5	<i>70.0</i>	70.0	70.1	70.2	70.2	70.3	70.4
50	68.4	71.2	73.5	<i>74.0</i>	74.0	74.1	74.2	74.3	74.3	74.4
63	71.8	74.7	77.0	<i>77.5</i>	77.6	77.6	77.7	77.7	77.8	77.9
80	74.7	77.6	80.0	<i>80.6</i>	80.6	80.6	80.7	80.7	80.8	80.9
100	76.7	79.7	82.1	<i>82.7</i>	82.7	82.8	82.8	82.9	82.9	83.0
125	77.7	80.7	83.1	<i>83.7</i>	83.7	83.7	83.8	83.8	83.8	83.8
160	78.3	81.3	83.7	<i>84.4</i>	84.3	84.3	84.3	84.3	84.3	84.3
200	79.0	82.0	84.4	<i>85.1</i>	85.1	85.0	84.9	84.9	84.9	84.9
250	80.2	83.1	85.5	<i>86.3</i>	86.3	86.1	86.0	85.9	85.9	85.9
315	81.2	84.3	86.6	<i>87.5</i>	87.5	87.2	87.0	86.9	86.9	86.8
400	82.3	85.5	87.8	<i>88.8</i>	88.7	88.4	88.2	88.0	87.9	87.8
500	83.3	86.6	89.0	<i>89.9</i>	89.8	89.6	89.4	89.2	89.0	88.9
630	83.9	87.5	89.9	<i>90.7</i>	90.7	90.6	90.4	90.2	90.1	89.9
800	84.1	87.8	90.4	<i>91.0</i>	91.1	91.0	91.0	90.9	90.8	90.6
1000	84.6	88.5	91.1	<i>91.7</i>	91.8	91.8	91.8	91.8	91.8	91.7
1250	85.3	89.3	92.1	<i>92.6</i>	92.7	92.7	92.8	92.8	92.9	92.9
1600	85.8	89.8	92.7	<i>93.2</i>	93.2	93.3	93.4	93.5	93.5	93.6
2000	85.1	89.1	92.0	<i>92.5</i>	92.6	92.7	92.7	92.8	92.9	93.0
2500	83.4	87.5	90.4	<i>90.8</i>	90.9	91.0	91.1	91.2	91.2	91.3
3150	80.9	84.9	87.8	<i>88.3</i>	88.4	88.5	88.6	88.6	88.7	88.8
4000	77.0	81.0	83.9	<i>84.3</i>	84.4	84.5	84.6	84.7	84.8	84.9
5000	71.4	75.3	78.2	<i>78.6</i>	78.7	78.8	78.9	78.9	79.0	79.1
6300	62.9	66.7	69.6	<i>70.1</i>	70.1	70.2	70.3	70.3	70.4	70.5
8000	50.3	54.2	57.1	<i>57.5</i>	57.6	57.7	57.8	57.8	57.9	58.0
10000	34.8	38.6	41.5	<i>41.9</i>	42.0	42.1	42.3	42.3	42.4	42.4

Subject to technical change without prior notice.

Tab. 48: One-third octave band level for E-160 EP5 E2-MST-166-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	54.6	54.6	54.8	54.9	55.0	55.0	55.1	55.1	55.1
25	60.5	60.6	60.7	60.9	60.9	61.0	61.0	61.0	61.0
31.5	65.8	65.8	66.0	66.1	66.1	66.2	66.2	66.3	66.3
40	70.4	70.4	70.6	70.7	70.8	70.8	70.8	70.9	70.9
50	74.5	74.5	74.6	74.8	74.8	74.8	74.8	74.9	74.9
63	77.9	78.0	78.1	78.2	78.3	78.3	78.3	78.4	78.4
80	80.9	80.9	81.1	81.2	81.2	81.3	81.3	81.3	81.4
100	83.0	83.0	83.2	83.3	83.4	83.4	83.4	83.5	83.5
125	83.9	83.9	84.0	84.2	84.2	84.3	84.3	84.3	84.4
160	84.3	84.4	84.5	84.6	84.7	84.7	84.8	84.9	85.0
200	84.9	84.9	85.0	85.2	85.3	85.3	85.4	85.5	85.6
250	85.8	85.9	86.0	86.2	86.3	86.4	86.5	86.6	86.7
315	86.8	86.8	86.9	87.1	87.3	87.3	87.4	87.6	87.7
400	87.8	87.8	87.9	88.1	88.3	88.3	88.4	88.6	88.7
500	88.8	88.8	88.9	89.0	89.2	89.2	89.3	89.4	89.5
630	89.7	89.7	89.7	89.8	89.9	90.0	90.0	90.1	90.2
800	90.4	90.3	90.2	90.3	90.3	90.3	90.3	90.4	90.4
1000	91.6	91.4	91.2	91.2	91.2	91.2	91.1	91.1	91.1
1250	92.9	92.8	92.6	92.5	92.4	92.4	92.3	92.3	92.3
1600	93.7	93.7	93.6	93.5	93.4	93.3	93.2	93.2	93.1
2000	93.1	93.1	93.2	93.1	93.0	93.0	92.8	92.8	92.7
2500	91.4	91.5	91.7	91.7	91.6	91.6	91.5	91.5	91.4
3150	88.9	89.0	89.2	89.3	89.3	89.3	89.2	89.2	89.2
4000	85.0	85.0	85.3	85.4	85.5	85.5	85.5	85.5	85.5
5000	79.2	79.3	79.6	79.8	79.9	80.0	80.0	80.0	80.0
6300	70.6	70.7	71.1	71.4	71.4	71.5	71.5	71.6	71.6
8000	58.1	58.2	58.7	58.9	59.0	59.1	59.1	59.2	59.2
10000	42.5	42.7	43.2	43.5	43.6	43.6	43.6	43.7	43.7

Subject to technical change without prior notice.

8 Operating mode 101.1 dB

8.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 49: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	50.2	51.6	52.9	<i>53.0</i>	53.0	53.0	53.1	53.1	53.2	53.2	53.3
25	56.1	57.5	58.8	<i>59.0</i>	59.0	59.0	59.0	59.1	59.1	59.2	59.2
31.5	61.2	62.7	64.1	<i>64.3</i>	64.3	64.2	64.3	64.4	64.4	64.4	64.5
40	65.7	67.3	68.8	<i>68.9</i>	68.9	68.9	68.9	69.0	69.0	69.0	69.1
50	69.7	71.3	72.8	<i>72.9</i>	72.9	72.9	73.0	73.0	73.0	73.1	73.1
63	73.1	74.8	76.3	<i>76.4</i>	76.4	76.4	76.4	76.5	76.5	76.5	76.6
80	76.0	77.7	79.3	<i>79.4</i>	79.4	79.4	79.4	79.4	79.5	79.5	79.6
100	78.1	79.8	81.4	<i>81.6</i>	81.6	81.5	81.6	81.6	81.6	81.6	81.7
125	79.1	80.8	82.4	<i>82.6</i>	82.6	82.5	82.5	82.5	82.5	82.6	82.6
160	79.7	81.4	83.0	<i>83.2</i>	83.3	83.1	83.1	83.1	83.1	83.1	83.1
200	80.5	82.2	83.7	<i>84.0</i>	84.1	83.9	83.8	83.8	83.8	83.7	83.7
250	81.6	83.3	84.8	<i>85.2</i>	85.3	85.1	85.0	84.9	84.8	84.8	84.8
315	82.8	84.4	85.9	<i>86.5</i>	86.6	86.4	86.1	86.0	85.9	85.8	85.8
400	84.1	85.7	87.2	<i>87.7</i>	87.8	87.7	87.4	87.3	87.1	87.0	86.9
500	85.2	86.9	88.4	<i>88.8</i>	88.9	88.8	88.6	88.5	88.3	88.2	88.1
630	86.0	87.8	89.4	<i>89.6</i>	89.7	89.6	89.5	89.5	89.4	89.3	89.2
800	86.3	88.2	89.9	<i>90.0</i>	90.0	90.0	90.0	90.0	89.9	89.9	89.8
1000	86.9	88.9	90.6	<i>90.7</i>	90.7	90.7	90.7	90.7	90.7	90.7	90.7
1250	87.8	89.9	91.6	<i>91.6</i>	91.6	91.6	91.7	91.7	91.8	91.8	91.8
1600	88.3	90.5	92.3	<i>92.2</i>	92.2	92.3	92.3	92.4	92.4	92.5	92.5
2000	87.7	89.9	91.8	<i>91.7</i>	91.6	91.7	91.8	91.8	91.9	91.9	92.0
2500	86.3	88.5	90.3	<i>90.2</i>	90.2	90.3	90.4	90.4	90.5	90.5	90.6
3150	84.1	86.3	88.1	<i>88.0</i>	88.0	88.1	88.2	88.2	88.3	88.3	88.4
4000	80.7	82.9	84.7	<i>84.7</i>	84.6	84.7	84.8	84.8	84.9	84.9	85.0
5000	75.9	78.0	79.9	<i>79.8</i>	79.8	79.8	79.9	79.9	80.0	80.0	80.1
6300	68.7	70.8	72.7	<i>72.6</i>	72.5	72.6	72.7	72.7	72.7	72.8	72.8
8000	58.3	60.5	62.3	<i>62.2</i>	62.2	62.2	62.3	62.3	62.4	62.4	62.5

Subject to technical change without prior notice.

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	45.7	47.9	49.8	49.7	49.6	49.7	49.8	49.9	50.0	50.0	50.1

Tab. 50: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	53.3	53.4	53.4	53.5	53.5	53.6	53.7	53.7	53.8	53.9
25	59.3	59.3	59.4	59.4	59.4	59.5	59.6	59.6	59.7	59.8
31.5	64.5	64.6	64.6	64.7	64.7	64.8	64.8	64.9	64.9	65.0
40	69.1	69.2	69.2	69.3	69.3	69.4	69.4	69.5	69.5	69.6
50	73.1	73.2	73.2	73.3	73.3	73.4	73.4	73.5	73.5	73.6
63	76.6	76.6	76.7	76.7	76.7	76.8	76.9	76.9	77.0	77.0
80	79.6	79.6	79.6	79.7	79.7	79.8	79.8	79.9	79.9	80.0
100	81.7	81.7	81.8	81.8	81.8	81.9	81.9	82.0	82.0	82.1
125	82.6	82.6	82.6	82.6	82.7	82.7	82.8	82.8	82.9	82.9
160	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.3	83.4	83.4
200	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.9	83.9	84.0
250	84.8	84.7	84.7	84.7	84.7	84.7	84.8	84.9	85.0	85.1
315	85.8	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.9	86.0
400	86.8	86.8	86.7	86.7	86.7	86.7	86.8	86.8	86.9	87.1
500	88.0	87.9	87.8	87.7	87.7	87.7	87.8	87.8	87.9	88.0
630	89.1	88.9	88.8	88.7	88.7	88.6	88.7	88.7	88.7	88.8
800	89.8	89.6	89.5	89.4	89.3	89.2	89.2	89.2	89.2	89.2
1000	90.7	90.7	90.6	90.5	90.4	90.3	90.3	90.2	90.1	90.1
1250	91.8	91.9	91.9	91.9	91.8	91.8	91.7	91.5	91.5	91.4
1600	92.5	92.6	92.7	92.7	92.7	92.8	92.7	92.6	92.5	92.4
2000	92.0	92.1	92.1	92.2	92.2	92.3	92.4	92.3	92.3	92.2
2500	90.6	90.7	90.7	90.8	90.8	90.9	91.0	91.0	91.0	91.0
3150	88.4	88.5	88.5	88.6	88.6	88.7	88.8	88.9	88.9	88.9
4000	85.0	85.1	85.2	85.2	85.3	85.4	85.5	85.6	85.6	85.7
5000	80.1	80.2	80.3	80.3	80.4	80.5	80.6	80.7	80.9	80.9
6300	72.9	72.9	73.0	73.1	73.1	73.3	73.4	73.6	73.7	73.8
8000	62.5	62.6	62.6	62.7	62.8	62.9	63.1	63.3	63.5	63.6
10000	50.1	50.2	50.2	50.2	50.3	50.5	50.7	50.9	51.1	51.2

Subject to technical change without prior notice.

8.2 One-third octave band level E-160 EP5 E2-MST-120-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 51: One-third octave band level for E-160 EP5 E2-MST-120-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.2	50.6	52.5	<i>53.0</i>	53.0	53.1	53.2	53.2	53.3	53.4
25	53.9	56.5	58.5	<i>59.0</i>	59.0	59.0	59.1	59.2	59.2	59.3
31.5	59.0	61.6	63.8	<i>64.3</i>	64.3	64.3	64.4	64.4	64.5	64.6
40	63.4	66.2	68.4	<i>68.9</i>	68.9	68.9	69.0	69.0	69.1	69.2
50	67.3	70.1	72.4	<i>72.9</i>	72.9	73.0	73.0	73.1	73.1	73.2
63	70.6	73.5	75.9	<i>76.4</i>	76.4	76.4	76.5	76.5	76.6	76.6
80	73.5	76.5	78.9	<i>79.4</i>	79.4	79.4	79.5	79.5	79.6	79.6
100	75.6	78.6	81.0	<i>81.6</i>	81.6	81.6	81.6	81.6	81.7	81.7
125	76.5	79.6	82.0	<i>82.6</i>	82.6	82.5	82.5	82.6	82.6	82.6
160	77.2	80.2	82.6	<i>83.2</i>	83.2	83.1	83.1	83.1	83.1	83.1
200	77.9	80.9	83.3	<i>84.0</i>	84.0	83.8	83.8	83.8	83.7	83.7
250	79.1	82.1	84.4	<i>85.2</i>	85.2	85.0	84.9	84.8	84.8	84.7
315	80.2	83.3	85.5	<i>86.5</i>	86.5	86.1	86.0	85.8	85.8	85.7
400	81.2	84.5	86.8	<i>87.8</i>	87.7	87.4	87.2	87.0	86.9	86.8
500	82.1	85.7	88.0	<i>88.8</i>	88.8	88.6	88.4	88.2	88.0	87.9
630	82.8	86.5	89.0	<i>89.6</i>	89.6	89.5	89.4	89.3	89.1	88.9
800	82.9	86.8	89.4	<i>90.0</i>	90.0	90.0	89.9	89.9	89.8	89.6
1000	83.4	87.5	90.2	<i>90.7</i>	90.7	90.7	90.7	90.7	90.7	90.7
1250	84.2	88.4	91.2	<i>91.6</i>	91.6	91.7	91.8	91.8	91.8	91.9
1600	84.7	88.9	91.8	<i>92.2</i>	92.3	92.3	92.4	92.5	92.5	92.6
2000	84.1	88.4	91.3	<i>91.7</i>	91.7	91.8	91.9	91.9	92.0	92.1
2500	82.7	86.9	89.9	<i>90.2</i>	90.3	90.4	90.5	90.5	90.6	90.7
3150	80.5	84.7	87.7	<i>88.0</i>	88.1	88.2	88.3	88.3	88.4	88.5
4000	77.2	81.3	84.3	<i>84.7</i>	84.7	84.8	84.9	84.9	85.0	85.1
5000	72.4	76.5	79.4	<i>79.8</i>	79.8	79.9	80.0	80.0	80.1	80.2
6300	65.2	69.3	72.2	<i>72.6</i>	72.6	72.7	72.7	72.8	72.8	72.9
8000	54.9	58.9	61.8	<i>62.2</i>	62.2	62.3	62.4	62.4	62.5	62.6
10000	42.4	46.4	49.3	<i>49.7</i>	49.7	49.8	50.0	50.0	50.1	50.2

Subject to technical change without prior notice.

Tab. 52: One-third octave band level for E-160 EP5 E2-MST-120-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	53.4	53.5	53.6	53.7	53.8	53.9	53.9	54.0	54.0
25	59.4	59.4	59.6	59.6	59.7	59.8	59.8	59.8	59.9
31.5	64.6	64.7	64.8	64.9	64.9	65.0	65.1	65.1	65.1
40	69.2	69.3	69.4	69.4	69.5	69.6	69.6	69.6	69.7
50	73.2	73.3	73.4	73.4	73.5	73.6	73.6	73.6	73.7
63	76.7	76.7	76.8	76.9	77.0	77.0	77.1	77.1	77.1
80	79.7	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.1
100	81.8	81.8	81.9	82.0	82.0	82.1	82.2	82.2	82.2
125	82.6	82.7	82.7	82.8	82.9	83.0	83.0	83.1	83.1
160	83.1	83.1	83.2	83.3	83.4	83.5	83.5	83.6	83.6
200	83.7	83.7	83.8	83.9	84.0	84.1	84.2	84.3	84.3
250	84.7	84.7	84.8	84.9	85.0	85.2	85.2	85.3	85.4
315	85.7	85.7	85.7	85.8	86.0	86.1	86.2	86.4	86.4
400	86.7	86.7	86.7	86.8	87.0	87.1	87.2	87.4	87.4
500	87.8	87.7	87.7	87.8	87.9	88.1	88.2	88.3	88.3
630	88.8	88.7	88.6	88.7	88.8	88.9	88.9	89.0	89.0
800	89.5	89.3	89.2	89.2	89.2	89.3	89.3	89.3	89.3
1000	90.6	90.4	90.3	90.2	90.1	90.2	90.1	90.1	90.1
1250	91.9	91.8	91.7	91.5	91.5	91.4	91.4	91.3	91.3
1600	92.7	92.7	92.8	92.6	92.5	92.4	92.3	92.3	92.2
2000	92.2	92.2	92.3	92.3	92.2	92.1	92.1	92.0	92.0
2500	90.7	90.8	90.9	91.0	91.0	90.9	90.9	90.9	90.9
3150	88.6	88.7	88.8	88.9	88.9	88.9	89.0	88.9	88.9
4000	85.2	85.3	85.4	85.6	85.7	85.7	85.7	85.7	85.8
5000	80.3	80.4	80.6	80.7	80.9	81.0	81.0	81.0	81.1
6300	73.0	73.1	73.3	73.6	73.8	73.9	73.9	74.0	74.0
8000	62.6	62.8	63.0	63.3	63.5	63.6	63.7	63.7	63.8
10000	50.2	50.3	50.6	50.9	51.1	51.2	51.3	51.3	51.3

Subject to technical change without prior notice.

8.3 One-third octave band level E-160 EP5 E2-MST-140-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 53: One-third octave band level for E-160 EP5 E2-MST-140-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.7	51.1	53.0	<i>53.2</i>	<i>53.2</i>	53.3	53.3	53.4	53.5	53.6
25	54.4	57.0	59.0	<i>59.2</i>	<i>59.1</i>	59.2	59.3	59.4	59.5	59.5
31.5	59.5	62.2	64.3	<i>64.4</i>	<i>64.4</i>	64.5	64.6	64.6	64.7	64.8
40	64.0	66.7	68.9	<i>69.1</i>	<i>69.0</i>	69.1	69.2	69.3	69.3	69.4
50	67.8	70.6	72.9	<i>73.1</i>	<i>73.1</i>	73.1	73.2	73.3	73.3	73.4
63	71.2	74.1	76.4	<i>76.6</i>	<i>76.6</i>	76.6	76.7	76.7	76.8	76.8
80	74.1	77.0	79.4	<i>79.6</i>	<i>79.5</i>	79.6	79.6	79.7	79.8	79.8
100	76.1	79.1	81.5	<i>81.7</i>	<i>81.7</i>	81.7	81.8	81.8	81.9	81.9
125	77.1	80.1	82.5	<i>82.8</i>	<i>82.7</i>	82.7	82.7	82.7	82.8	82.8
160	77.7	80.7	83.1	<i>83.4</i>	<i>83.3</i>	83.3	83.3	83.3	83.3	83.3
200	78.4	81.4	83.8	<i>84.2</i>	<i>84.1</i>	84.0	83.9	83.9	83.9	83.9
250	79.6	82.6	84.9	<i>85.4</i>	<i>85.3</i>	85.1	85.0	85.0	84.9	84.9
315	80.6	83.7	86.0	<i>86.7</i>	<i>86.5</i>	86.3	86.0	86.0	85.9	85.8
400	81.7	85.0	87.3	<i>87.9</i>	<i>87.8</i>	87.5	87.2	87.1	87.0	86.9
500	82.6	86.1	88.5	<i>89.0</i>	<i>88.9</i>	88.7	88.4	88.3	88.1	88.0
630	83.3	86.9	89.4	<i>89.8</i>	<i>89.7</i>	89.6	89.5	89.3	89.2	89.0
800	83.4	87.3	89.9	<i>90.1</i>	<i>90.0</i>	90.1	90.0	90.0	89.9	89.7
1000	83.9	88.0	90.7	<i>90.8</i>	<i>90.7</i>	90.8	90.8	90.8	90.8	90.7
1250	84.7	88.8	91.6	<i>91.7</i>	<i>91.7</i>	91.8	91.8	91.9	91.9	91.9
1600	85.2	89.4	92.2	<i>92.2</i>	<i>92.3</i>	92.4	92.4	92.5	92.6	92.6
2000	84.6	88.7	91.6	<i>91.6</i>	<i>91.6</i>	91.8	91.8	91.9	92.0	92.1
2500	83.1	87.2	90.1	<i>90.1</i>	<i>90.1</i>	90.2	90.3	90.4	90.5	90.5
3150	80.7	84.9	87.8	<i>87.7</i>	<i>87.8</i>	87.9	88.0	88.0	88.1	88.2
4000	77.2	81.2	84.1	<i>84.1</i>	<i>84.1</i>	84.2	84.3	84.4	84.5	84.6
5000	72.0	76.0	78.9	<i>78.9</i>	<i>78.9</i>	79.0	79.1	79.1	79.2	79.3
6300	64.3	68.2	71.1	<i>71.1</i>	<i>71.1</i>	71.2	71.2	71.3	71.4	71.5
8000	53.0	56.9	59.8	<i>59.8</i>	<i>59.8</i>	59.9	59.9	60.0	60.1	60.2
10000	39.2	43.1	46.0	<i>45.9</i>	<i>45.9</i>	46.1	46.2	46.3	46.4	46.4

Subject to technical change without prior notice.

Tab. 54: One-third octave band level for E-160 EP5 E2-MST-140-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	53.7	53.7	53.8	54.0	54.1	54.1	54.1	54.2	54.2
25	59.6	59.7	59.8	59.9	60.0	60.0	60.0	60.1	60.1
31.5	64.9	64.9	65.0	65.1	65.2	65.2	65.2	65.3	65.3
40	69.5	69.5	69.6	69.7	69.8	69.8	69.8	69.9	69.9
50	73.5	73.5	73.6	73.7	73.8	73.8	73.8	73.9	73.9
63	76.9	77.0	77.0	77.1	77.2	77.2	77.3	77.3	77.3
80	79.9	79.9	80.0	80.1	80.2	80.2	80.2	80.3	80.3
100	82.0	82.0	82.1	82.2	82.3	82.3	82.3	82.4	82.4
125	82.8	82.9	82.9	83.0	83.1	83.2	83.2	83.3	83.3
160	83.3	83.3	83.4	83.5	83.6	83.7	83.7	83.8	83.9
200	83.9	83.9	84.0	84.1	84.2	84.3	84.4	84.4	84.5
250	84.9	84.9	85.0	85.1	85.2	85.3	85.4	85.5	85.6
315	85.8	85.8	85.9	86.0	86.2	86.3	86.4	86.5	86.7
400	86.8	86.8	86.9	87.0	87.2	87.3	87.4	87.5	87.7
500	87.9	87.8	87.9	88.0	88.1	88.2	88.3	88.4	88.5
630	88.8	88.8	88.8	88.8	88.9	89.0	89.0	89.1	89.1
800	89.5	89.4	89.3	89.3	89.4	89.4	89.4	89.4	89.4
1000	90.6	90.5	90.3	90.2	90.2	90.2	90.2	90.2	90.2
1250	91.9	91.9	91.7	91.6	91.5	91.4	91.4	91.3	91.3
1600	92.7	92.8	92.7	92.6	92.5	92.4	92.3	92.3	92.2
2000	92.2	92.2	92.3	92.2	92.2	92.1	92.0	92.0	91.9
2500	90.6	90.7	90.8	90.9	90.8	90.8	90.8	90.7	90.7
3150	88.3	88.4	88.5	88.6	88.7	88.7	88.6	88.6	88.6
4000	84.7	84.8	84.9	85.1	85.2	85.2	85.2	85.2	85.2
5000	79.4	79.5	79.7	79.9	80.1	80.1	80.1	80.2	80.2
6300	71.6	71.7	71.9	72.2	72.4	72.4	72.5	72.5	72.5
8000	60.3	60.4	60.6	60.9	61.2	61.2	61.3	61.3	61.3
10000	46.5	46.6	46.9	47.2	47.4	47.5	47.5	47.6	47.6

Subject to technical change without prior notice.

8.4 One-third octave band level E-160 EP5 E2-MST-166-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 55: One-third octave band level for E-160 EP5 E2-MST-166-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.2	51.6	53.3	<i>53.4</i>	53.4	53.5	53.6	53.7	<i>53.7</i>	53.8
25	55.0	57.5	59.3	<i>59.4</i>	59.4	59.5	59.5	59.6	59.7	59.8
31.5	60.1	62.7	64.6	<i>64.6</i>	64.7	64.7	64.8	64.9	64.9	65.0
40	64.5	67.3	69.2	<i>69.3</i>	69.3	69.4	69.4	69.5	69.5	69.6
50	68.4	71.2	73.2	<i>73.3</i>	73.3	73.4	73.4	73.5	73.6	73.6
63	71.8	74.7	76.7	<i>76.8</i>	76.8	76.9	76.9	77.0	77.0	77.1
80	74.7	77.6	79.7	<i>79.8</i>	79.8	79.8	79.9	80.0	80.0	80.1
100	76.7	79.7	81.9	<i>81.9</i>	81.9	82.0	82.0	82.1	82.1	82.2
125	77.7	80.7	82.8	<i>82.9</i>	82.9	82.9	82.9	83.0	83.0	83.0
160	78.3	81.3	83.4	<i>83.6</i>	83.5	83.5	83.5	83.5	83.5	83.5
200	79.0	82.0	84.1	<i>84.4</i>	84.3	84.2	84.1	84.1	84.1	84.1
250	80.2	83.1	85.2	<i>85.6</i>	85.4	85.2	85.2	85.1	85.1	85.1
315	81.2	84.3	86.4	<i>86.8</i>	86.6	86.3	86.2	86.1	86.1	86.0
400	82.3	85.5	87.6	<i>88.1</i>	87.9	87.6	87.4	87.2	87.1	87.0
500	83.3	86.6	88.8	<i>89.1</i>	89.0	88.8	88.5	88.4	88.2	88.1
630	83.9	87.5	89.7	<i>89.9</i>	89.8	89.7	89.6	89.4	89.2	89.0
800	84.1	87.8	90.1	<i>90.2</i>	90.2	90.1	90.1	90.0	89.9	89.7
1000	84.6	88.5	90.8	<i>90.8</i>	90.8	90.9	90.9	90.9	90.9	90.8
1250	85.3	89.3	91.7	<i>91.7</i>	91.7	91.8	91.9	91.9	91.9	92.0
1600	85.8	89.8	92.3	<i>92.2</i>	92.3	92.4	92.4	92.5	92.6	92.7
2000	85.1	89.1	91.6	<i>91.5</i>	91.6	91.7	91.8	91.8	91.9	92.0
2500	83.4	87.5	89.9	<i>89.8</i>	89.9	90.0	90.1	90.2	90.3	90.4
3150	80.9	84.9	87.4	<i>87.3</i>	87.4	87.5	87.6	87.7	87.7	87.8
4000	77.0	81.0	83.4	<i>83.3</i>	83.4	83.5	83.6	83.7	83.8	83.9
5000	71.4	75.3	77.7	<i>77.6</i>	77.7	77.8	77.9	78.0	78.0	78.2
6300	62.9	66.7	69.2	<i>69.1</i>	69.2	69.2	69.3	69.4	69.4	69.5
8000	50.3	54.2	56.7	<i>56.5</i>	56.6	56.7	56.8	56.8	56.9	57.0
10000	34.8	38.6	41.1	<i>40.9</i>	41.0	41.2	41.3	41.4	41.4	41.5

Subject to technical change without prior notice.

Tab. 56: One-third octave band level for E-160 EP5 E2-MST-166-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	54.0	54.0	54.1	54.3	54.3	54.4	54.4	54.5	54.5
25	59.9	60.0	60.1	60.2	60.2	60.3	60.3	60.3	60.4
31.5	65.1	65.2	65.3	65.4	65.4	65.5	65.5	65.6	65.6
40	69.7	69.8	69.9	70.0	70.0	70.1	70.1	70.1	70.1
50	73.7	73.8	73.9	74.0	74.0	74.0	74.0	74.1	74.1
63	77.2	77.2	77.3	77.4	77.5	77.5	77.5	77.6	77.6
80	80.1	80.2	80.3	80.4	80.4	80.5	80.5	80.5	80.5
100	82.2	82.3	82.4	82.5	82.5	82.6	82.6	82.6	82.7
125	83.1	83.1	83.2	83.3	83.4	83.4	83.5	83.5	83.6
160	83.5	83.5	83.7	83.8	83.9	83.9	84.0	84.0	84.1
200	84.1	84.1	84.2	84.4	84.5	84.5	84.6	84.7	84.8
250	85.0	85.1	85.2	85.4	85.5	85.6	85.7	85.8	85.9
315	86.0	86.0	86.1	86.3	86.4	86.6	86.7	86.8	86.9
400	87.0	87.0	87.1	87.3	87.4	87.6	87.7	87.7	87.9
500	88.0	88.0	88.1	88.2	88.3	88.5	88.5	88.6	88.7
630	88.9	88.9	88.9	89.0	89.1	89.2	89.2	89.2	89.3
800	89.6	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5
1000	90.6	90.5	90.4	90.3	90.3	90.3	90.3	90.2	90.2
1250	92.0	91.9	91.7	91.6	91.5	91.5	91.4	91.4	91.3
1600	92.8	92.8	92.7	92.5	92.4	92.4	92.3	92.2	92.2
2000	92.1	92.2	92.2	92.1	92.0	92.0	91.9	91.9	91.8
2500	90.5	90.5	90.7	90.7	90.6	90.6	90.5	90.5	90.4
3150	88.0	88.0	88.2	88.3	88.3	88.3	88.2	88.2	88.2
4000	84.0	84.1	84.3	84.4	84.5	84.5	84.5	84.5	84.5
5000	78.3	78.4	78.6	78.8	78.9	78.9	78.9	79.0	79.0
6300	69.7	69.8	70.1	70.3	70.4	70.5	70.5	70.6	70.6
8000	57.1	57.3	57.6	57.9	58.0	58.1	58.1	58.1	58.1
10000	41.6	41.8	42.1	42.4	42.5	42.6	42.6	42.6	42.6

Subject to technical change without prior notice.

9 Operating mode 98.0 dB

9.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 57: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	50.2	<i>50.9</i>	51.3	51.4	50.9	50.9	50.9	50.9	51.0	51.0	51.1
25	56.1	<i>56.7</i>	57.2	57.2	56.8	56.7	56.7	56.7	56.8	56.8	56.9
31.5	61.2	<i>61.9</i>	62.4	62.4	62.0	61.9	61.9	61.9	62.0	62.0	62.1
40	65.7	<i>66.5</i>	66.9	66.9	66.5	66.4	66.4	66.4	66.5	66.5	66.6
50	69.7	<i>70.4</i>	70.9	70.9	70.4	70.4	70.3	70.3	70.4	70.4	70.5
63	73.1	<i>73.8</i>	74.3	74.3	73.9	73.8	73.7	73.7	73.8	73.8	73.9
80	76.0	<i>76.8</i>	77.2	77.2	76.8	76.7	76.7	76.7	76.7	76.7	76.8
100	78.1	<i>78.9</i>	79.3	79.3	78.9	78.8	78.8	78.7	78.8	78.8	78.9
125	79.1	<i>79.9</i>	80.3	80.3	79.9	79.8	79.7	79.7	79.7	79.7	79.8
160	79.7	<i>80.5</i>	81.0	81.0	80.6	80.4	80.3	80.3	80.3	80.3	80.3
200	80.5	<i>81.3</i>	81.8	81.8	81.3	81.2	81.0	81.0	81.0	81.0	81.0
250	81.6	<i>82.5</i>	82.9	82.9	82.6	82.4	82.2	82.2	82.1	82.1	82.0
315	82.8	<i>83.7</i>	84.0	84.0	83.8	83.6	83.4	83.3	83.2	83.1	83.1
400	84.1	<i>84.9</i>	85.1	85.1	85.0	84.9	84.7	84.6	84.5	84.3	84.2
500	85.2	<i>85.9</i>	86.0	86.0	86.0	85.9	85.8	85.7	85.6	85.5	85.3
630	86.0	<i>86.6</i>	86.7	86.7	86.7	86.7	86.6	86.6	86.6	86.5	86.3
800	86.3	<i>86.9</i>	86.9	86.9	87.0	87.0	87.0	87.0	87.0	86.9	86.9
1000	86.9	<i>87.5</i>	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.6
1250	87.8	<i>88.4</i>	88.3	88.3	88.4	88.4	88.5	88.5	88.6	88.6	88.6
1600	88.3	<i>89.0</i>	88.8	88.8	88.9	89.0	89.1	89.1	89.1	89.2	89.2
2000	87.7	<i>88.4</i>	88.3	88.3	88.3	88.4	88.5	88.5	88.6	88.6	88.7
2500	86.3	<i>87.0</i>	86.8	86.8	86.9	86.9	87.0	87.0	87.1	87.2	87.2
3150	84.1	<i>84.8</i>	84.7	84.7	84.7	84.7	84.8	84.8	84.9	85.0	85.0
4000	80.7	<i>81.4</i>	81.4	81.3	81.3	81.3	81.4	81.4	81.5	81.6	81.6
5000	75.9	<i>76.6</i>	76.6	76.5	76.5	76.5	76.6	76.6	76.6	76.7	76.7
6300	68.7	<i>69.4</i>	69.4	69.4	69.3	69.3	69.3	69.3	69.4	69.4	69.5
8000	58.3	<i>59.0</i>	59.1	59.1	58.9	58.9	59.0	59.0	59.1	59.1	59.1

Subject to technical change without prior notice.

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	45.7	46.5	46.6	46.6	46.4	46.4	46.5	46.5	46.6	46.7	46.8

Tab. 58: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	51.1	51.2	51.2	51.3	51.3	51.4	51.4	51.5	51.5	51.6
25	56.9	57.0	57.0	57.1	57.1	57.2	57.2	57.3	57.3	57.4
31.5	62.1	62.2	62.2	62.2	62.3	62.3	62.4	62.4	62.4	62.5
40	66.6	66.7	66.7	66.7	66.8	66.8	66.9	66.9	66.9	67.0
50	70.5	70.6	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.9
63	73.9	74.0	74.0	74.0	74.1	74.1	74.2	74.2	74.2	74.2
80	76.8	76.9	76.9	76.9	77.0	77.0	77.1	77.1	77.1	77.1
100	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.2	79.2
125	79.8	79.8	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.1
160	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.6
200	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.2
250	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.2
315	83.1	83.0	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.2
400	84.1	84.1	84.1	84.0	84.0	84.0	84.1	84.1	84.1	84.2
500	85.2	85.1	85.1	85.0	85.0	85.0	85.0	85.0	85.1	85.2
630	86.2	86.1	86.0	85.9	85.9	85.9	85.9	85.8	85.9	85.9
800	86.8	86.7	86.6	86.5	86.4	86.4	86.3	86.3	86.3	86.3
1000	87.6	87.6	87.6	87.5	87.4	87.3	87.2	87.2	87.2	87.1
1250	88.6	88.7	88.7	88.7	88.6	88.6	88.5	88.4	88.4	88.4
1600	89.3	89.3	89.4	89.4	89.4	89.5	89.4	89.4	89.3	89.3
2000	88.7	88.8	88.8	88.9	88.9	89.0	89.0	89.0	89.0	88.9
2500	87.2	87.3	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6
3150	85.0	85.1	85.2	85.3	85.3	85.4	85.4	85.5	85.5	85.5
4000	81.7	81.8	81.8	81.9	81.9	82.0	82.1	82.1	82.2	82.2
5000	76.8	76.9	76.9	77.0	77.1	77.2	77.2	77.3	77.4	77.4
6300	69.5	69.6	69.6	69.7	69.8	70.0	70.1	70.1	70.2	70.3
8000	59.2	59.2	59.3	59.4	59.5	59.6	59.8	59.8	59.9	60.0
10000	46.8	46.8	46.8	47.0	47.1	47.3	47.4	47.5	47.6	47.7

Subject to technical change without prior notice.

9.2 One-third octave band level E-160 EP5 E2-MST-120-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 59: One-third octave band level for E-160 EP5 E2-MST-120-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.2	50.4	<i>51.2</i>	51.3	50.9	50.9	50.9	51.0	51.1	51.2
25	53.9	56.3	<i>57.1</i>	57.2	56.7	56.7	56.8	56.8	56.9	57.0
31.5	59.0	61.4	<i>62.3</i>	62.3	61.9	61.9	61.9	62.0	62.1	62.1
40	63.4	65.9	<i>66.8</i>	66.9	66.4	66.4	66.4	66.5	66.6	66.6
50	67.3	69.9	<i>70.7</i>	70.8	70.4	70.3	70.4	70.4	70.5	70.6
63	70.6	73.3	<i>74.2</i>	74.2	73.8	73.7	73.8	73.8	73.9	74.0
80	73.5	76.2	<i>77.1</i>	77.1	76.7	76.7	76.7	76.7	76.8	76.9
100	75.6	78.3	<i>79.2</i>	79.3	78.8	78.8	78.8	78.8	78.9	78.9
125	76.5	79.3	<i>80.2</i>	80.2	79.8	79.7	79.7	79.7	79.8	79.8
160	77.2	79.9	<i>80.8</i>	80.9	80.4	80.3	80.3	80.3	80.3	80.3
200	77.9	80.7	<i>81.6</i>	81.6	81.2	81.0	81.0	81.0	81.0	81.0
250	79.1	81.8	<i>82.8</i>	82.8	82.4	82.2	82.1	82.1	82.0	82.0
315	80.2	83.0	<i>83.9</i>	84.0	83.6	83.4	83.3	83.1	83.1	83.0
400	81.2	84.3	<i>85.0</i>	85.1	84.9	84.6	84.5	84.3	84.2	84.1
500	82.1	85.4	<i>86.0</i>	86.0	85.9	85.8	85.7	85.5	85.3	85.1
630	82.8	86.1	<i>86.7</i>	86.7	86.7	86.6	86.6	86.4	86.3	86.1
800	82.9	86.5	<i>86.9</i>	86.9	87.0	87.0	87.0	86.9	86.8	86.7
1000	83.4	87.1	<i>87.4</i>	87.4	87.6	87.6	87.6	87.6	87.6	87.6
1250	84.2	87.9	<i>88.3</i>	88.3	88.4	88.5	88.5	88.6	88.6	88.7
1600	84.7	88.5	<i>88.8</i>	88.9	89.0	89.1	89.1	89.2	89.2	89.3
2000	84.1	87.9	<i>88.3</i>	88.3	88.4	88.5	88.5	88.6	88.7	88.8
2500	82.7	86.5	<i>86.8</i>	86.9	86.9	87.0	87.1	87.2	87.2	87.3
3150	80.5	84.3	<i>84.7</i>	84.7	84.7	84.8	84.9	85.0	85.0	85.1
4000	77.2	80.9	<i>81.4</i>	81.3	81.3	81.4	81.5	81.6	81.6	81.7
5000	72.4	76.1	<i>76.6</i>	76.5	76.5	76.6	76.6	76.7	76.7	76.8
6300	65.2	68.9	<i>69.4</i>	69.4	69.3	69.3	69.4	69.4	69.5	69.6
8000	54.9	58.5	<i>59.0</i>	59.0	58.9	59.0	59.0	59.1	59.1	59.2
10000	42.4	45.9	<i>46.5</i>	46.6	46.4	46.5	46.6	46.7	46.8	46.8

Subject to technical change without prior notice.

Tab. 60: One-third octave band level for E-160 EP5 E2-MST-120-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	51.2	51.3	51.4	51.5	51.6	51.6	51.7	51.7	51.7
25	57.1	57.1	57.2	57.3	57.3	57.4	57.4	57.5	57.5
31.5	62.2	62.3	62.3	62.4	62.5	62.5	62.6	62.6	62.6
40	66.7	66.8	66.8	66.9	66.9	67.0	67.0	67.1	67.1
50	70.6	70.7	70.7	70.8	70.9	70.9	70.9	71.0	71.0
63	74.0	74.1	74.1	74.2	74.2	74.3	74.3	74.4	74.4
80	76.9	77.0	77.0	77.1	77.1	77.2	77.2	77.3	77.3
100	79.0	79.0	79.1	79.1	79.2	79.2	79.3	79.3	79.4
125	79.8	79.9	79.9	80.0	80.0	80.1	80.2	80.2	80.2
160	80.4	80.3	80.4	80.4	80.5	80.6	80.7	80.7	80.8
200	81.0	80.9	81.0	81.0	81.1	81.2	81.3	81.4	81.5
250	82.0	82.0	82.0	82.1	82.2	82.3	82.4	82.5	82.6
315	83.0	83.0	83.0	83.0	83.1	83.3	83.4	83.5	83.6
400	84.1	84.0	84.0	84.1	84.2	84.3	84.4	84.5	84.6
500	85.1	85.0	85.0	85.0	85.1	85.2	85.3	85.4	85.5
630	86.0	85.9	85.8	85.8	85.9	86.0	86.0	86.0	86.1
800	86.6	86.4	86.3	86.3	86.3	86.3	86.3	86.3	86.3
1000	87.5	87.4	87.3	87.2	87.2	87.1	87.1	87.1	87.0
1250	88.7	88.6	88.5	88.4	88.4	88.3	88.3	88.2	88.2
1600	89.4	89.4	89.4	89.4	89.3	89.2	89.2	89.1	89.0
2000	88.8	88.9	89.0	89.0	89.0	88.9	88.8	88.8	88.7
2500	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.5
3150	85.2	85.3	85.4	85.4	85.5	85.5	85.6	85.6	85.6
4000	81.8	81.9	82.0	82.1	82.2	82.3	82.3	82.4	82.4
5000	76.9	77.1	77.2	77.3	77.4	77.5	77.6	77.6	77.7
6300	69.7	69.8	70.0	70.1	70.2	70.4	70.5	70.5	70.6
8000	59.3	59.5	59.7	59.8	60.0	60.1	60.2	60.2	60.2
10000	46.9	47.1	47.3	47.5	47.6	47.7	47.8	47.8	47.8

Subject to technical change without prior notice.

9.3 One-third octave band level E-160 EP5 E2-MST-140-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 61: One-third octave band level for E-160 EP5 E2-MST-140-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.7	50.7	<i>51.5</i>	51.4	51.0	51.0	51.1	51.2	51.3	51.4
25	54.4	56.6	<i>57.4</i>	57.2	56.9	56.9	57.0	57.0	57.1	57.2
31.5	59.5	61.7	<i>62.6</i>	62.4	62.1	62.1	62.1	62.2	62.3	62.3
40	64.0	66.3	<i>67.1</i>	66.9	66.6	66.6	66.6	66.7	66.8	66.8
50	67.8	70.2	<i>71.0</i>	70.9	70.5	70.5	70.6	70.6	70.7	70.8
63	71.2	73.6	<i>74.5</i>	74.3	73.9	73.9	74.0	74.0	74.1	74.2
80	74.1	76.5	<i>77.4</i>	77.2	76.9	76.8	76.9	76.9	77.0	77.1
100	76.1	78.6	<i>79.5</i>	79.3	79.0	78.9	78.9	79.0	79.0	79.1
125	77.1	79.6	<i>80.5</i>	80.3	79.9	79.9	79.9	79.9	79.9	80.0
160	77.7	80.2	<i>81.1</i>	80.9	80.6	80.5	80.5	80.5	80.5	80.5
200	78.4	81.0	<i>81.9</i>	81.7	81.3	81.2	81.1	81.2	81.1	81.1
250	79.6	82.1	<i>83.1</i>	82.9	82.5	82.3	82.2	82.2	82.2	82.1
315	80.6	83.3	<i>84.2</i>	84.0	83.7	83.5	83.3	83.3	83.2	83.1
400	81.7	84.6	<i>85.2</i>	85.1	85.0	84.7	84.6	84.4	84.3	84.2
500	82.6	85.6	<i>86.1</i>	86.1	86.0	85.9	85.7	85.6	85.4	85.2
630	83.3	86.4	<i>86.8</i>	86.8	86.8	86.7	86.6	86.5	86.3	86.1
800	83.4	86.7	<i>87.0</i>	87.0	87.1	87.1	87.0	87.0	86.9	86.7
1000	83.9	87.3	<i>87.5</i>	87.5	87.6	87.7	87.7	87.7	87.7	87.6
1250	84.7	88.1	<i>88.3</i>	88.4	88.5	88.5	88.6	88.6	88.7	88.7
1600	85.2	88.6	<i>88.8</i>	88.9	89.0	89.1	89.1	89.2	89.3	89.3
2000	84.6	88.0	<i>88.2</i>	88.3	88.3	88.4	88.5	88.6	88.6	88.7
2500	83.1	86.4	<i>86.7</i>	86.7	86.8	86.9	86.9	87.0	87.1	87.2
3150	80.7	84.1	<i>84.4</i>	84.4	84.4	84.5	84.6	84.7	84.7	84.9
4000	77.2	80.5	<i>80.8</i>	80.8	80.8	80.9	80.9	81.0	81.1	81.2
5000	72.0	75.3	<i>75.7</i>	75.6	75.6	75.6	75.7	75.8	75.8	76.0
6300	64.3	67.5	<i>67.9</i>	67.9	67.8	67.8	67.9	67.9	68.0	68.1
8000	53.0	56.2	<i>56.6</i>	56.6	56.5	56.6	56.6	56.7	56.7	56.8
10000	39.2	42.3	<i>42.8</i>	42.7	42.6	42.8	42.8	42.9	43.0	43.0

Subject to technical change without prior notice.

Tab. 62: One-third octave band level for E-160 EP5 E2-MST-140-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	51.5	51.5	51.6	51.7	51.8	51.8	51.9	51.9	51.9
25	57.3	57.3	57.4	57.5	57.6	57.6	57.6	57.7	57.7
31.5	62.4	62.5	62.5	62.6	62.7	62.7	62.8	62.8	62.8
40	66.9	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.3
50	70.8	70.9	70.9	71.0	71.1	71.1	71.1	71.2	71.2
63	74.2	74.3	74.3	74.4	74.4	74.5	74.5	74.5	74.6
80	77.1	77.2	77.2	77.3	77.3	77.4	77.4	77.4	77.5
100	79.2	79.2	79.3	79.3	79.4	79.4	79.5	79.5	79.6
125	80.0	80.0	80.1	80.2	80.2	80.3	80.3	80.4	80.4
160	80.5	80.5	80.6	80.6	80.7	80.8	80.9	80.9	81.0
200	81.1	81.1	81.2	81.2	81.3	81.4	81.5	81.6	81.6
250	82.1	82.1	82.2	82.3	82.4	82.5	82.6	82.7	82.7
315	83.1	83.1	83.2	83.2	83.4	83.5	83.6	83.7	83.8
400	84.1	84.1	84.2	84.2	84.4	84.5	84.6	84.7	84.8
500	85.1	85.1	85.2	85.2	85.3	85.4	85.5	85.5	85.6
630	86.0	85.9	86.0	86.0	86.0	86.1	86.1	86.2	86.2
800	86.6	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
1000	87.5	87.4	87.3	87.2	87.2	87.2	87.2	87.1	87.1
1250	88.7	88.6	88.5	88.5	88.4	88.3	88.3	88.2	88.2
1600	89.4	89.4	89.4	89.4	89.3	89.2	89.1	89.1	89.0
2000	88.8	88.9	88.9	88.9	88.9	88.8	88.8	88.7	88.6
2500	87.3	87.3	87.4	87.5	87.5	87.4	87.4	87.4	87.4
3150	84.9	85.0	85.1	85.2	85.2	85.2	85.3	85.3	85.3
4000	81.3	81.4	81.5	81.6	81.7	81.7	81.8	81.8	81.8
5000	76.1	76.2	76.3	76.4	76.5	76.6	76.7	76.7	76.8
6300	68.2	68.4	68.6	68.7	68.8	68.9	69.0	69.0	69.1
8000	56.9	57.1	57.3	57.4	57.6	57.7	57.8	57.8	57.8
10000	43.2	43.4	43.6	43.7	43.9	44.0	44.0	44.0	44.1

Subject to technical change without prior notice.

9.4 One-third octave band level E-160 EP5 E2-MST-166-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 63: One-third octave band level for E-160 EP5 E2-MST-166-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.2	51.1	<i>51.7</i>	51.4	51.2	51.3	51.4	51.5	51.5	51.6
25	55.0	56.9	<i>57.6</i>	57.3	57.1	57.1	57.2	57.3	57.4	57.4
31.5	60.1	62.1	<i>62.8</i>	62.5	62.3	62.3	62.4	62.4	62.5	62.6
40	64.5	66.6	<i>67.3</i>	67.0	66.8	66.8	66.9	67.0	67.0	67.1
50	68.4	70.6	<i>71.2</i>	70.9	70.7	70.8	70.8	70.9	70.9	71.0
63	71.8	74.0	<i>74.7</i>	74.3	74.1	74.2	74.2	74.3	74.3	74.4
80	74.7	76.9	<i>77.6</i>	77.3	77.0	77.1	77.1	77.2	77.2	77.3
100	76.7	79.0	<i>79.7</i>	79.4	79.1	79.2	79.2	79.2	79.3	79.3
125	77.7	80.0	<i>80.7</i>	80.4	80.1	80.1	80.1	80.1	80.2	80.2
160	78.3	80.6	<i>81.3</i>	81.0	80.7	80.7	80.7	80.7	80.7	80.7
200	79.0	81.4	<i>82.1</i>	81.8	81.5	81.4	81.3	81.3	81.3	81.3
250	80.2	82.5	<i>83.2</i>	82.9	82.6	82.5	82.4	82.4	82.3	82.3
315	81.2	83.7	<i>84.3</i>	84.1	83.8	83.6	83.5	83.4	83.3	83.3
400	82.3	84.9	<i>85.4</i>	85.3	85.1	84.9	84.6	84.5	84.4	84.3
500	83.3	85.9	<i>86.2</i>	86.2	86.1	86.0	85.8	85.6	85.4	85.3
630	83.9	86.7	<i>86.9</i>	86.9	86.9	86.8	86.7	86.6	86.4	86.2
800	84.1	86.9	<i>87.1</i>	87.1	87.2	87.2	87.1	87.1	86.9	86.8
1000	84.6	87.5	<i>87.5</i>	87.6	87.7	87.8	87.8	87.8	87.8	87.7
1250	85.3	88.3	<i>88.3</i>	88.4	88.5	88.6	88.6	88.7	88.7	88.8
1600	85.8	88.8	<i>88.8</i>	88.9	89.0	89.1	89.1	89.2	89.3	89.3
2000	85.1	88.0	<i>88.1</i>	88.2	88.2	88.4	88.4	88.5	88.6	88.6
2500	83.4	86.4	<i>86.4</i>	86.5	86.6	86.7	86.8	86.8	86.9	87.0
3150	80.9	83.8	<i>83.9</i>	84.0	84.0	84.1	84.2	84.3	84.4	84.5
4000	77.0	79.9	<i>80.0</i>	80.0	80.0	80.2	80.2	80.3	80.4	80.5
5000	71.4	74.3	<i>74.4</i>	74.4	74.3	74.4	74.5	74.6	74.7	74.8
6300	62.9	65.7	<i>65.9</i>	65.8	65.8	65.9	65.9	66.0	66.1	66.2
8000	50.3	53.1	<i>53.4</i>	53.3	53.3	53.4	53.4	53.5	53.6	53.6
10000	34.8	37.5	<i>37.8</i>	37.7	37.7	37.8	37.9	38.0	38.1	38.1

Subject to technical change without prior notice.

Tab. 64: One-third octave band level for E-160 EP5 E2-MST-166-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	51.7	51.8	51.9	51.9	52.0	52.1	52.1	52.1	52.2
25	57.5	57.6	57.7	57.7	57.8	57.9	57.9	57.9	57.9
31.5	62.6	62.7	62.8	62.9	62.9	63.0	63.0	63.0	63.0
40	67.1	67.2	67.3	67.3	67.4	67.4	67.5	67.5	67.5
50	71.1	71.1	71.2	71.3	71.3	71.3	71.4	71.4	71.4
63	74.4	74.5	74.6	74.6	74.7	74.7	74.8	74.8	74.8
80	77.3	77.4	77.5	77.5	77.5	77.6	77.7	77.7	77.7
100	79.4	79.5	79.5	79.6	79.6	79.7	79.7	79.7	79.8
125	80.2	80.3	80.4	80.4	80.5	80.5	80.6	80.6	80.7
160	80.7	80.8	80.8	80.9	81.0	81.0	81.1	81.2	81.2
200	81.3	81.4	81.4	81.5	81.6	81.7	81.7	81.8	81.9
250	82.3	82.4	82.4	82.5	82.6	82.7	82.8	82.9	83.0
315	83.3	83.3	83.4	83.4	83.6	83.7	83.8	83.9	84.0
400	84.3	84.3	84.4	84.4	84.6	84.7	84.8	84.9	85.0
500	85.3	85.3	85.3	85.4	85.5	85.6	85.7	85.7	85.8
630	86.1	86.1	86.1	86.1	86.2	86.2	86.3	86.3	86.3
800	86.6	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
1000	87.6	87.4	87.4	87.3	87.3	87.3	87.2	87.2	87.1
1250	88.7	88.7	88.6	88.5	88.4	88.4	88.3	88.3	88.2
1600	89.4	89.5	89.4	89.3	89.2	89.2	89.1	89.0	89.0
2000	88.7	88.8	88.8	88.8	88.7	88.7	88.7	88.6	88.5
2500	87.1	87.2	87.2	87.3	87.2	87.2	87.2	87.2	87.1
3150	84.6	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9
4000	80.6	80.7	80.8	80.9	80.9	81.0	81.1	81.1	81.1
5000	74.9	75.1	75.2	75.3	75.3	75.5	75.5	75.5	75.6
6300	66.3	66.5	66.6	66.8	66.9	67.0	67.1	67.1	67.1
8000	53.8	54.0	54.2	54.3	54.4	54.5	54.6	54.6	54.6
10000	38.3	38.6	38.7	38.9	39.0	39.0	39.1	39.1	39.1

Subject to technical change without prior notice.

10 Operating mode 94.5 dB

10.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 65: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	<i>49.0</i>	49.0	49.0	48.8	48.3	48.3	48.3	48.4	48.4	48.5	48.5
25	<i>54.7</i>	54.7	54.7	54.5	54.0	54.0	54.0	54.1	54.1	54.2	54.2
31.5	<i>59.8</i>	59.8	59.8	59.6	59.1	59.1	59.1	59.1	59.2	59.2	59.3
40	<i>64.2</i>	64.2	64.2	64.0	63.5	63.5	63.5	63.6	63.6	63.6	63.7
50	<i>68.1</i>	68.1	68.1	67.9	67.3	67.3	67.4	67.4	67.4	67.5	67.5
63	<i>71.4</i>	71.4	71.4	71.2	70.7	70.7	70.7	70.7	70.7	70.8	70.8
80	<i>74.3</i>	74.3	74.3	74.0	73.5	73.5	73.5	73.6	73.6	73.6	73.7
100	<i>76.4</i>	76.3	76.3	76.1	75.6	75.6	75.6	75.6	75.6	75.7	75.7
125	<i>77.4</i>	77.3	77.3	77.1	76.6	76.5	76.5	76.5	76.5	76.6	76.6
160	<i>78.0</i>	77.9	77.9	77.7	77.2	77.1	77.1	77.1	77.1	77.1	77.2
200	<i>78.8</i>	78.7	78.7	78.4	78.0	77.9	77.9	77.8	77.8	77.8	77.8
250	<i>79.9</i>	79.8	79.8	79.6	79.2	79.1	79.0	79.0	79.0	78.9	79.0
315	<i>81.0</i>	80.9	80.9	80.7	80.4	80.3	80.2	80.1	80.1	80.0	80.0
400	<i>82.0</i>	81.9	81.9	81.8	81.7	81.5	81.4	81.3	81.2	81.1	81.1
500	<i>82.8</i>	82.7	82.7	82.7	82.7	82.6	82.5	82.4	82.3	82.2	82.2
630	<i>83.3</i>	83.3	83.3	83.3	83.4	83.3	83.3	83.2	83.2	83.1	83.0
800	<i>83.4</i>	83.4	83.4	83.4	83.6	83.5	83.5	83.5	83.5	83.5	83.5
1000	<i>83.8</i>	83.8	83.8	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1
1250	<i>84.5</i>	84.6	84.6	84.7	84.8	84.9	84.9	84.9	84.9	85.0	85.0
1600	<i>85.0</i>	85.1	85.1	85.2	85.3	85.4	85.4	85.5	85.5	85.5	85.5
2000	<i>84.4</i>	84.5	84.5	84.6	84.7	84.8	84.8	84.8	84.9	84.9	84.9
2500	<i>83.0</i>	83.1	83.1	83.2	83.2	83.3	83.3	83.4	83.4	83.5	83.5
3150	<i>80.8</i>	81.0	81.0	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.3
4000	<i>77.4</i>	77.7	77.7	77.7	77.6	77.7	77.7	77.8	77.8	77.9	77.9
5000	<i>72.6</i>	72.9	72.9	72.9	72.8	72.9	72.9	72.9	72.9	73.0	73.0
6300	<i>65.3</i>	65.8	65.8	65.7	65.6	65.7	65.7	65.7	65.7	65.7	65.7
8000	<i>55.0</i>	55.5	55.5	55.4	55.2	55.3	55.3	55.4	55.4	55.4	55.4

Subject to technical change without prior notice.

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	42.6	43.0	43.0	42.9	42.7	42.8	42.9	43.0	43.0	43.1	43.1

Tab. 66: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	48.6	48.6	48.7	48.7	48.8	48.8	48.9	48.9	49.0	49.0
25	54.3	54.3	54.4	54.4	54.4	54.5	54.6	54.6	54.7	54.7
31.5	59.3	59.3	59.4	59.4	59.5	59.5	59.6	59.6	59.7	59.7
40	63.7	63.7	63.8	63.8	63.9	63.9	64.0	64.0	64.0	64.0
50	67.5	67.5	67.6	67.6	67.7	67.7	67.8	67.8	67.9	67.8
63	70.8	70.9	70.9	70.9	71.0	71.0	71.1	71.1	71.2	71.1
80	73.7	73.7	73.7	73.8	73.8	73.9	73.9	73.9	74.0	74.0
100	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9	76.0	76.0
125	76.6	76.6	76.6	76.6	76.7	76.7	76.8	76.8	76.8	76.8
160	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.4
200	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	78.0	78.0
250	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.1
315	80.0	80.0	80.0	79.9	79.9	79.9	80.0	80.0	80.1	80.1
400	81.0	81.1	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1
500	82.1	82.1	82.0	82.0	81.9	81.9	81.9	81.9	82.0	82.0
630	82.9	82.9	82.9	82.8	82.7	82.6	82.6	82.6	82.7	82.7
800	83.4	83.4	83.3	83.2	83.1	83.0	83.0	83.0	83.0	83.0
1000	84.1	84.1	84.1	84.0	84.0	83.8	83.8	83.7	83.7	83.7
1250	85.0	85.0	85.1	85.0	85.0	85.0	84.9	84.9	84.9	84.8
1600	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.6	85.6
2000	85.0	85.0	85.0	85.0	85.1	85.2	85.2	85.2	85.2	85.1
2500	83.5	83.5	83.6	83.6	83.7	83.7	83.8	83.8	83.8	83.8
3150	81.3	81.3	81.4	81.4	81.5	81.5	81.6	81.6	81.7	81.7
4000	77.9	77.9	78.0	78.0	78.1	78.2	78.3	78.3	78.4	78.4
5000	73.0	73.0	73.1	73.1	73.2	73.4	73.4	73.5	73.6	73.6
6300	65.8	65.8	65.8	65.9	66.0	66.2	66.3	66.3	66.4	66.4
8000	55.4	55.4	55.5	55.5	55.7	55.9	56.0	56.1	56.2	56.2
10000	43.1	43.0	43.1	43.2	43.3	43.5	43.6	43.7	43.8	43.8

Subject to technical change without prior notice.

10.2 One-third octave band level E-160 EP5 E2-MST-120-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 67: One-third octave band level for E-160 EP5 E2-MST-120-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.3	<i>49.0</i>	49.0	48.7	48.3	48.3	48.4	48.5	48.5	48.6
25	54.0	<i>54.8</i>	54.7	54.4	54.0	54.1	54.1	54.2	54.2	54.3
31.5	59.1	<i>59.8</i>	59.8	59.5	59.1	59.1	59.2	59.2	59.3	59.3
40	63.5	<i>64.3</i>	64.2	63.9	63.5	63.5	63.6	63.6	63.7	63.7
50	67.4	<i>68.1</i>	68.1	67.7	67.3	67.4	67.4	67.5	67.5	67.6
63	70.7	<i>71.5</i>	71.4	71.1	70.7	70.7	70.7	70.8	70.8	70.9
80	73.5	<i>74.3</i>	74.3	73.9	73.5	73.6	73.6	73.6	73.7	73.7
100	75.6	<i>76.4</i>	76.3	76.0	75.6	75.6	75.6	75.7	75.7	75.7
125	76.6	<i>77.4</i>	77.3	76.9	76.5	76.5	76.5	76.6	76.6	76.6
160	77.2	<i>78.0</i>	77.9	77.6	77.1	77.1	77.1	77.1	77.1	77.2
200	78.0	<i>78.8</i>	78.7	78.3	77.9	77.9	77.8	77.8	77.8	77.8
250	79.1	<i>79.9</i>	79.8	79.5	79.1	79.0	79.0	78.9	78.9	78.9
315	80.2	<i>81.0</i>	80.9	80.6	80.3	80.2	80.1	80.0	80.0	80.0
400	81.3	<i>82.0</i>	81.9	81.8	81.5	81.4	81.2	81.1	81.1	81.1
500	82.2	<i>82.8</i>	82.7	82.7	82.6	82.5	82.3	82.2	82.1	82.1
630	82.8	<i>83.3</i>	83.3	83.3	83.3	83.3	83.2	83.1	83.0	82.9
800	82.9	<i>83.4</i>	83.4	83.5	83.5	83.5	83.5	83.5	83.4	83.4
1000	83.4	<i>83.8</i>	83.8	83.9	84.1	84.1	84.1	84.1	84.1	84.1
1250	84.2	<i>84.6</i>	84.6	84.7	84.9	84.9	84.9	85.0	85.0	85.0
1600	84.7	<i>85.1</i>	85.1	85.2	85.4	85.4	85.5	85.5	85.5	85.6
2000	84.1	<i>84.5</i>	84.5	84.6	84.8	84.8	84.9	84.9	84.9	85.0
2500	82.7	<i>83.0</i>	83.1	83.2	83.3	83.4	83.4	83.5	83.5	83.5
3150	80.5	<i>80.9</i>	81.0	81.0	81.1	81.1	81.2	81.2	81.3	81.3
4000	77.2	<i>77.5</i>	77.7	77.7	77.7	77.8	77.8	77.8	77.9	77.9
5000	72.4	<i>72.7</i>	72.9	72.8	72.8	72.9	72.9	73.0	73.0	73.0
6300	65.2	<i>65.5</i>	65.8	65.7	65.6	65.7	65.7	65.7	65.7	65.8
8000	54.8	<i>55.1</i>	55.5	55.4	55.3	55.4	55.4	55.4	55.4	55.4
10000	42.4	<i>42.7</i>	43.0	42.9	42.8	42.9	43.0	43.0	43.0	43.0

Subject to technical change without prior notice.

Tab. 68: One-third octave band level for E-160 EP5 E2-MST-120-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	48.7	48.8	48.9	49.0	49.0	49.0	49.1	49.1	49.2
25	54.4	54.4	54.5	54.6	54.6	54.7	54.7	54.8	54.8
31.5	59.4	59.5	59.5	59.6	59.6	59.7	59.7	59.7	59.8
40	63.8	63.9	63.9	64.0	64.0	64.0	64.1	64.1	64.1
50	67.6	67.7	67.7	67.8	67.8	67.9	67.9	67.9	67.9
63	70.9	71.0	71.0	71.1	71.1	71.2	71.2	71.2	71.2
80	73.8	73.8	73.9	74.0	74.0	74.0	74.0	74.0	74.1
100	75.8	75.8	75.9	76.0	76.0	76.0	76.0	76.1	76.1
125	76.6	76.7	76.7	76.8	76.8	76.9	76.9	76.9	77.0
160	77.2	77.2	77.2	77.3	77.3	77.4	77.4	77.5	77.5
200	77.8	77.8	77.9	77.9	78.0	78.0	78.1	78.1	78.2
250	78.9	78.9	78.9	78.9	79.0	79.1	79.2	79.2	79.3
315	79.9	79.9	80.0	80.0	80.1	80.1	80.2	80.3	80.4
400	81.0	81.0	81.0	81.0	81.1	81.2	81.2	81.3	81.4
500	82.0	81.9	81.9	81.9	82.0	82.1	82.1	82.1	82.2
630	82.8	82.7	82.7	82.6	82.7	82.7	82.7	82.7	82.7
800	83.2	83.1	83.0	82.9	83.0	83.0	83.0	82.9	82.9
1000	84.0	84.0	83.8	83.7	83.7	83.7	83.7	83.6	83.6
1250	85.0	85.0	84.9	84.9	84.8	84.8	84.7	84.7	84.6
1600	85.6	85.7	85.7	85.7	85.6	85.6	85.5	85.5	85.4
2000	85.0	85.1	85.2	85.2	85.2	85.1	85.1	85.1	85.0
2500	83.6	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8
3150	81.4	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.8
4000	78.0	78.1	78.2	78.3	78.4	78.4	78.4	78.5	78.5
5000	73.1	73.2	73.4	73.5	73.6	73.6	73.7	73.7	73.8
6300	65.9	66.0	66.2	66.4	66.4	66.5	66.5	66.6	66.6
8000	55.5	55.7	55.9	56.1	56.1	56.2	56.2	56.3	56.3
10000	43.1	43.3	43.6	43.7	43.8	43.8	43.8	43.8	43.8

Subject to technical change without prior notice.

10.3 One-third octave band level E-160 EP5 E2-MST-140-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 69: One-third octave band level for E-160 EP5 E2-MST-140-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.8	49.1	49.2	48.7	48.4	48.5	48.6	48.7	48.7	48.8
25	54.5	54.9	54.9	54.4	54.2	54.3	54.3	54.4	54.4	54.5
31.5	59.6	60.0	60.0	59.5	59.2	59.3	59.4	59.4	59.5	59.5
40	64.0	64.4	64.4	63.9	63.6	63.7	63.8	63.8	63.9	63.9
50	67.9	68.3	68.2	67.8	67.5	67.6	67.6	67.7	67.7	67.7
63	71.2	71.6	71.6	71.1	70.8	70.9	70.9	71.0	71.0	71.0
80	74.1	74.4	74.4	73.9	73.7	73.7	73.8	73.8	73.9	73.9
100	76.2	76.5	76.5	76.0	75.7	75.8	75.8	75.8	75.9	75.9
125	77.1	77.5	77.4	77.0	76.7	76.7	76.7	76.7	76.8	76.8
160	77.8	78.1	78.1	77.6	77.3	77.3	77.3	77.3	77.3	77.3
200	78.5	78.9	78.8	78.3	78.0	78.0	78.0	78.0	78.0	78.0
250	79.7	80.0	79.9	79.5	79.2	79.1	79.1	79.1	79.0	79.1
315	80.8	81.0	81.0	80.7	80.4	80.3	80.2	80.1	80.1	80.1
400	81.8	82.0	82.0	81.8	81.6	81.5	81.3	81.2	81.2	81.2
500	82.7	82.8	82.8	82.8	82.6	82.6	82.4	82.3	82.2	82.2
630	83.3	83.4	83.3	83.4	83.4	83.3	83.3	83.1	83.1	83.0
800	83.5	83.4	83.4	83.6	83.6	83.6	83.6	83.5	83.5	83.4
1000	83.9	83.8	83.8	84.0	84.1	84.2	84.2	84.2	84.2	84.2
1250	84.7	84.6	84.6	84.8	84.9	85.0	85.0	85.0	85.1	85.1
1600	85.2	85.0	85.1	85.2	85.4	85.4	85.5	85.5	85.6	85.6
2000	84.5	84.4	84.5	84.6	84.7	84.8	84.8	84.9	84.9	84.9
2500	83.0	82.9	82.9	83.0	83.1	83.2	83.2	83.3	83.4	83.4
3150	80.7	80.6	80.6	80.7	80.8	80.8	80.9	80.9	81.0	81.0
4000	77.1	77.0	77.1	77.1	77.1	77.2	77.2	77.3	77.4	77.4
5000	72.0	71.8	72.0	71.9	71.9	72.0	72.0	72.0	72.1	72.1
6300	64.2	64.0	64.3	64.1	64.1	64.2	64.2	64.2	64.3	64.3
8000	52.9	52.7	53.0	52.9	52.9	52.9	52.9	53.0	53.0	53.0
10000	39.1	39.0	39.2	39.0	39.0	39.2	39.2	39.3	39.3	39.2

Subject to technical change without prior notice.

Tab. 70: One-third octave band level for E-160 EP5 E2-MST-140-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	48.9	49.0	49.1	49.2	49.2	49.2	49.3	49.3	49.4
25	54.6	54.6	54.7	54.8	54.8	54.9	54.9	54.9	55.0
31.5	59.6	59.7	59.7	59.8	59.8	59.9	59.9	59.9	60.0
40	64.0	64.0	64.1	64.2	64.2	64.3	64.3	64.3	64.3
50	67.8	67.9	67.9	68.0	68.0	68.1	68.1	68.1	68.1
63	71.1	71.2	71.3	71.3	71.3	71.4	71.4	71.4	71.4
80	74.0	74.0	74.1	74.2	74.1	74.2	74.2	74.2	74.3
100	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.3
125	76.8	76.9	76.9	77.0	77.0	77.1	77.1	77.1	77.2
160	77.3	77.4	77.4	77.5	77.5	77.6	77.6	77.7	77.7
200	78.0	78.0	78.0	78.1	78.2	78.2	78.2	78.4	78.4
250	79.0	79.0	79.1	79.1	79.2	79.3	79.3	79.5	79.5
315	80.1	80.1	80.1	80.2	80.2	80.3	80.4	80.5	80.6
400	81.1	81.1	81.1	81.2	81.3	81.3	81.4	81.5	81.6
500	82.1	82.0	82.0	82.1	82.1	82.2	82.2	82.3	82.3
630	82.9	82.8	82.7	82.8	82.8	82.8	82.8	82.9	82.8
800	83.3	83.2	83.1	83.1	83.1	83.1	83.0	83.0	83.0
1000	84.1	84.0	83.8	83.8	83.8	83.8	83.7	83.7	83.6
1250	85.1	85.0	84.9	84.9	84.8	84.8	84.7	84.7	84.6
1600	85.6	85.7	85.7	85.7	85.6	85.5	85.5	85.4	85.4
2000	85.0	85.1	85.1	85.1	85.1	85.1	85.0	85.0	85.0
2500	83.4	83.5	83.6	83.7	83.6	83.6	83.6	83.6	83.6
3150	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.5
4000	77.5	77.6	77.7	77.8	77.8	77.9	77.9	78.0	78.0
5000	72.2	72.4	72.5	72.6	72.7	72.7	72.8	72.8	72.9
6300	64.4	64.6	64.8	64.9	64.9	65.0	65.1	65.1	65.2
8000	53.1	53.3	53.6	53.7	53.7	53.8	53.8	53.8	53.9
10000	39.4	39.6	39.9	40.0	40.0	40.1	40.1	40.0	40.1

Subject to technical change without prior notice.

10.4 One-third octave band level E-160 EP5 E2-MST-166-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 71: One-third octave band level for E-160 EP5 E2-MST-166-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	<i>49.1</i>	49.3	49.3	48.8	48.7	48.7	48.9	48.9	49.0	49.0
25	<i>54.8</i>	55.1	55.1	54.5	54.4	54.5	54.6	54.6	54.7	54.7
31.5	<i>59.9</i>	60.2	60.1	59.6	59.5	59.5	59.6	59.6	59.7	59.8
40	<i>64.3</i>	64.6	64.5	64.0	63.9	63.9	64.0	64.0	64.1	64.2
50	<i>68.2</i>	68.5	68.4	67.8	67.7	67.8	67.9	67.9	67.9	68.0
63	<i>71.5</i>	71.8	71.7	71.2	71.0	71.1	71.2	71.2	71.2	71.3
80	<i>74.4</i>	74.6	74.6	74.0	73.9	73.9	74.0	74.0	74.1	74.1
100	<i>76.4</i>	76.7	76.6	76.1	75.9	76.0	76.0	76.1	76.1	76.1
125	<i>77.4</i>	77.7	77.6	77.0	76.9	76.9	76.9	77.0	77.0	77.0
160	<i>78.0</i>	78.3	78.2	77.6	77.5	77.5	77.5	77.5	77.5	77.5
200	<i>78.8</i>	79.0	78.9	78.4	78.2	78.2	78.1	78.2	78.2	78.2
250	<i>79.9</i>	80.1	80.0	79.6	79.4	79.3	79.2	79.3	79.2	79.2
315	<i>81.0</i>	81.2	81.1	80.7	80.5	80.4	80.3	80.3	80.3	80.2
400	<i>82.0</i>	82.1	82.1	81.9	81.7	81.6	81.4	81.4	81.3	81.3
500	<i>82.9</i>	82.9	82.9	82.9	82.8	82.7	82.5	82.4	82.3	82.2
630	<i>83.5</i>	83.5	83.5	83.5	83.5	83.4	83.3	83.3	83.2	83.1
800	<i>83.6</i>	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.6	83.5
1000	<i>84.0</i>	83.9	83.9	84.1	84.2	84.2	84.2	84.3	84.2	84.2
1250	<i>84.7</i>	84.6	84.7	84.8	85.0	85.0	85.0	85.1	85.1	85.1
1600	<i>85.1</i>	85.0	85.1	85.3	85.4	85.4	85.5	85.5	85.5	85.6
2000	<i>84.4</i>	84.3	84.4	84.5	84.6	84.7	84.7	84.8	84.8	84.8
2500	<i>82.8</i>	82.7	82.7	82.8	82.9	83.0	83.1	83.1	83.1	83.2
3150	<i>80.2</i>	80.2	80.2	80.3	80.4	80.4	80.5	80.5	80.6	80.6
4000	<i>76.4</i>	76.3	76.4	76.3	76.4	76.5	76.5	76.6	76.6	76.7
5000	<i>70.7</i>	70.7	70.8	70.7	70.7	70.7	70.8	70.8	70.9	70.9
6300	<i>62.2</i>	62.2	62.3	62.1	62.2	62.2	62.3	62.3	62.3	62.3
8000	<i>49.7</i>	49.6	49.8	49.6	49.7	49.7	49.8	49.8	49.8	49.8
10000	<i>34.1</i>	34.1	34.2	34.0	34.1	34.2	34.3	34.3	34.3	34.3

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Tab. 72: One-third octave band level for E-160 EP5 E2-MST-166-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	49.1	49.3	49.3	49.4	49.4	49.5	49.5	49.5	49.6
25	54.8	54.9	55.0	55.0	55.1	55.1	55.2	55.2	55.2
31.5	59.8	59.9	60.0	60.0	60.1	60.1	60.2	60.2	60.2
40	64.2	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5
50	68.0	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.4
63	71.3	71.4	71.5	71.5	71.6	71.6	71.6	71.6	71.6
80	74.2	74.3	74.3	74.3	74.4	74.4	74.5	74.4	74.5
100	76.2	76.3	76.3	76.4	76.4	76.4	76.5	76.5	76.5
125	77.0	77.1	77.1	77.2	77.2	77.3	77.3	77.3	77.4
160	77.5	77.6	77.6	77.7	77.7	77.8	77.8	77.9	77.9
200	78.2	78.2	78.2	78.3	78.4	78.4	78.5	78.6	78.6
250	79.2	79.3	79.3	79.4	79.4	79.5	79.6	79.7	79.8
315	80.2	80.3	80.3	80.4	80.4	80.5	80.6	80.7	80.8
400	81.3	81.3	81.3	81.4	81.4	81.5	81.6	81.7	81.8
500	82.2	82.2	82.2	82.2	82.3	82.3	82.4	82.4	82.5
630	83.0	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0
800	83.4	83.2	83.2	83.2	83.2	83.1	83.1	83.1	83.1
1000	84.1	84.0	83.9	83.9	83.8	83.8	83.8	83.7	83.7
1250	85.1	85.1	85.0	84.9	84.9	84.8	84.8	84.7	84.6
1600	85.6	85.7	85.6	85.6	85.6	85.5	85.5	85.4	85.3
2000	84.9	85.0	85.0	85.0	85.0	84.9	84.9	84.9	84.8
2500	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
3150	80.7	80.8	80.9	80.9	81.0	81.0	81.0	81.0	81.1
4000	76.8	76.9	77.0	77.1	77.1	77.1	77.2	77.2	77.3
5000	71.0	71.2	71.3	71.4	71.5	71.5	71.6	71.7	71.7
6300	62.5	62.7	62.8	62.9	63.0	63.0	63.1	63.2	63.2
8000	50.0	50.3	50.4	50.5	50.5	50.6	50.6	50.6	50.7
10000	34.5	34.8	34.9	35.1	35.1	35.1	35.1	35.1	35.1

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Technical data sheet

One-third octave band level operating mode 0 s

ENERCON E-160 EP5 E2 / 5500 kW wind energy converter
with TES (Trailing Edge Serrations)

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List of abbreviations

Abbreviations

HH Hub height

Variables, units, formulas

v_H Wind speed at hub height

v_s Standardised wind speed

1 General

- Allocation of the sound power levels to the standardised wind speed v_s at a height of 10 m is valid only if based on a logarithmic wind shear law with a roughness length of 0.05 m. Allocation of the sound power levels to the wind speed at hub height (v_H) is valid for all hub heights (HH). During measurements, the wind speed is determined based on the power output and the power curve.
- The sound power levels indicated were determined based on aero-acoustic simulations.
- Individual one-third octave band level values cannot be guaranteed. Only the cumulative level of all one-third octave band levels for each wind speed, which corresponds to the sound power level at that particular wind speed, is a guaranteed quantity.

2 Operating mode 0 s

2.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 1: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	50.2	51.6	53.0	54.2	55.2	56.3	56.8	56.9	56.9	57.0	57.0
25	56.1	57.5	59.0	60.2	61.3	62.4	63.0	63.1	63.1	63.1	63.2
31.5	61.2	62.7	64.3	65.6	66.8	67.9	68.5	68.6	68.6	68.6	68.7
40	65.7	67.3	68.9	70.3	71.5	72.7	73.3	73.4	73.4	73.4	73.5
50	69.7	71.3	73.0	74.4	75.6	76.9	77.5	77.6	77.6	77.6	77.7
63	73.1	74.8	76.4	77.9	79.2	80.5	81.2	81.2	81.2	81.3	81.3
80	76.0	77.7	79.4	81.0	82.3	83.6	84.3	84.4	84.4	84.4	84.5
100	78.1	79.8	81.6	83.1	84.5	85.8	86.5	86.6	86.6	86.6	86.7
125	79.1	80.8	82.6	84.1	85.4	86.8	87.5	87.6	87.6	87.6	87.6
160	79.7	81.4	83.2	84.7	86.0	87.3	88.1	88.2	88.2	88.2	88.1
200	80.5	82.2	83.9	85.3	86.7	88.0	88.7	88.8	88.9	88.8	88.8
250	81.6	83.3	85.0	86.4	87.7	89.0	89.8	89.9	90.0	89.9	89.8
315	82.8	84.4	86.1	87.5	88.8	90.0	90.8	91.0	91.0	90.9	90.8
400	84.1	85.7	87.3	88.7	89.9	91.1	91.9	92.2	92.3	92.1	91.9
500	85.2	86.9	88.5	89.9	91.2	92.3	93.2	93.5	93.6	93.4	93.2
630	86.0	87.8	89.5	91.0	92.3	93.6	94.4	94.7	94.7	94.6	94.4
800	86.3	88.2	90.0	91.6	93.0	94.4	95.2	95.4	95.4	95.3	95.2
1000	86.9	88.9	90.8	92.5	94.0	95.5	96.3	96.4	96.4	96.4	96.4
1250	87.8	89.9	91.9	93.6	95.2	96.7	97.6	97.6	97.6	97.6	97.6
1600	88.3	90.5	92.5	94.3	96.0	97.6	98.4	98.4	98.4	98.5	98.5
2000	87.7	89.9	92.0	93.8	95.5	97.1	98.0	97.9	97.9	98.0	98.1
2500	86.3	88.5	90.6	92.4	94.1	95.7	96.6	96.6	96.5	96.6	96.7
3150	84.1	86.3	88.4	90.2	91.9	93.6	94.4	94.4	94.4	94.5	94.5
4000	80.7	82.9	85.0	86.9	88.5	90.2	91.0	91.0	91.0	91.1	91.1
5000	75.9	78.0	80.1	82.0	83.6	85.3	86.1	86.1	86.1	86.2	86.2
6300	68.7	70.8	72.9	74.7	76.4	78.0	78.9	78.8	78.8	78.9	79.0
8000	58.3	60.5	62.5	64.4	66.0	67.7	68.5	68.5	68.4	68.5	68.6

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One-third octave band level centre frequency in Hz	v _H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	45.7	47.9	50.0	51.9	53.6	55.2	56.1	56.0	56.0	56.1	56.1

Tab. 2: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v _H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	57.1	57.1	57.2	57.4	57.5	57.6	57.7	57.8	57.8	57.8
25	63.3	63.3	63.4	63.5	63.7	63.8	63.8	63.9	63.9	63.9
31.5	68.7	68.8	68.8	69.0	69.1	69.2	69.3	69.4	69.3	69.4
40	73.6	73.6	73.6	73.8	73.9	74.0	74.1	74.2	74.1	74.2
50	77.8	77.8	77.8	78.0	78.1	78.2	78.2	78.3	78.3	78.3
63	81.4	81.4	81.5	81.6	81.7	81.8	81.9	82.0	81.9	82.0
80	84.5	84.5	84.6	84.7	84.8	84.9	85.0	85.0	85.0	85.1
100	86.7	86.7	86.8	86.9	87.0	87.1	87.2	87.2	87.2	87.3
125	87.6	87.7	87.7	87.7	87.8	87.9	88.0	88.1	88.1	88.2
160	88.2	88.2	88.1	88.1	88.2	88.3	88.4	88.5	88.6	88.6
200	88.8	88.8	88.7	88.7	88.8	88.9	89.0	89.1	89.2	89.2
250	89.8	89.8	89.7	89.7	89.8	89.9	90.0	90.1	90.2	90.3
315	90.7	90.7	90.6	90.6	90.6	90.8	90.9	91.0	91.1	91.2
400	91.8	91.8	91.7	91.5	91.6	91.7	91.9	92.0	92.1	92.2
500	93.0	93.0	92.8	92.6	92.6	92.7	92.8	92.9	93.1	93.1
630	94.3	94.2	93.9	93.6	93.6	93.7	93.8	93.8	94.0	94.0
800	95.2	95.1	94.9	94.5	94.3	94.4	94.4	94.5	94.6	94.6
1000	96.3	96.3	96.2	95.9	95.7	95.6	95.6	95.6	95.6	95.6
1250	97.7	97.7	97.7	97.6	97.4	97.2	97.2	97.1	97.1	97.1
1600	98.6	98.6	98.7	98.8	98.7	98.6	98.4	98.4	98.3	98.3
2000	98.1	98.2	98.2	98.5	98.6	98.5	98.4	98.3	98.2	98.2
2500	96.7	96.8	96.9	97.1	97.2	97.3	97.3	97.3	97.2	97.1
3150	94.6	94.6	94.7	94.9	95.1	95.3	95.3	95.3	95.2	95.2
4000	91.2	91.3	91.3	91.6	91.8	91.9	92.0	92.1	92.1	92.1
5000	86.3	86.4	86.5	86.7	86.9	87.1	87.2	87.3	87.3	87.4
6300	79.0	79.1	79.2	79.5	79.7	79.9	80.1	80.2	80.2	80.3
8000	68.6	68.7	68.8	69.0	69.3	69.6	69.8	70.0	70.0	70.1
10000	56.2	56.2	56.3	56.6	56.9	57.2	57.4	57.6	57.7	57.7

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2.2 One-third octave band level E-160 EP5 E2-MST-120-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 3: One-third octave band level for E-160 EP5 E2-MST-120-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.2	50.6	52.7	54.4	56.0	56.9	<i>56.9</i>	57.0	57.1	57.1
25	53.9	56.5	58.6	60.5	62.1	63.0	<i>63.1</i>	63.2	63.2	63.3
31.5	59.0	61.6	63.9	65.9	67.5	68.5	<i>68.6</i>	68.6	68.7	68.8
40	63.4	66.2	68.5	70.6	72.3	73.4	<i>73.4</i>	73.4	73.5	73.6
50	67.3	70.1	72.6	74.7	76.5	77.6	<i>77.6</i>	77.7	77.7	77.8
63	70.6	73.5	76.0	78.2	80.1	81.2	<i>81.3</i>	81.3	81.4	81.4
80	73.5	76.5	79.0	81.2	83.2	84.3	<i>84.4</i>	84.4	84.5	84.5
100	75.6	78.6	81.2	83.4	85.4	86.6	<i>86.6</i>	86.6	86.7	86.7
125	76.5	79.6	82.1	84.4	86.4	87.5	<i>87.6</i>	87.6	87.6	87.7
160	77.2	80.2	82.7	84.9	86.9	88.1	<i>88.2</i>	88.2	88.2	88.2
200	77.9	80.9	83.4	85.6	87.6	88.7	<i>88.9</i>	88.8	88.8	88.8
250	79.1	82.1	84.6	86.7	88.6	89.8	<i>89.9</i>	89.9	89.8	89.8
315	80.2	83.3	85.7	87.7	89.6	90.8	<i>91.0</i>	90.9	90.8	90.7
400	81.2	84.5	86.9	88.9	90.7	91.9	<i>92.2</i>	92.1	91.9	91.8
500	82.1	85.7	88.1	90.2	92.0	93.2	<i>93.5</i>	93.4	93.1	92.9
630	82.8	86.5	89.1	91.3	93.2	94.4	<i>94.7</i>	94.6	94.4	94.2
800	82.9	86.8	89.6	91.9	94.0	95.2	<i>95.4</i>	95.3	95.2	95.1
1000	83.4	87.5	90.4	92.8	95.0	96.3	<i>96.4</i>	96.4	96.4	96.3
1250	84.2	88.4	91.4	94.0	96.3	97.6	<i>97.6</i>	97.6	97.7	97.7
1600	84.7	88.9	92.0	94.7	97.1	98.4	<i>98.4</i>	98.5	98.5	98.6
2000	84.1	88.4	91.5	94.2	96.6	98.0	<i>97.9</i>	98.0	98.1	98.2
2500	82.7	86.9	90.0	92.8	95.2	96.6	<i>96.6</i>	96.6	96.7	96.8
3150	80.5	84.7	87.9	90.6	93.1	94.4	<i>94.4</i>	94.5	94.6	94.6
4000	77.2	81.3	84.5	87.2	89.7	91.1	<i>91.0</i>	91.1	91.2	91.3
5000	72.4	76.5	79.6	82.3	84.8	86.2	<i>86.1</i>	86.2	86.3	86.4
6300	65.2	69.3	72.4	75.1	77.5	78.9	<i>78.8</i>	78.9	79.0	79.1
8000	54.9	58.9	62.0	64.7	67.2	68.5	<i>68.5</i>	68.5	68.6	68.7
10000	42.4	46.4	49.5	52.3	54.7	56.1	<i>56.0</i>	56.1	56.2	56.2

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Tab. 4: One-third octave band level for E-160 EP5 E2-MST-120-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.3	57.5	57.7	57.8	57.8	57.8	57.9	57.9	57.9
25	63.4	63.7	63.8	63.9	63.9	64.0	64.0	64.0	64.0
31.5	68.9	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.5
40	73.7	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.3
50	77.9	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4
63	81.5	81.7	81.9	81.9	82.0	82.0	82.0	82.0	82.0
80	84.6	84.8	85.0	85.0	85.1	85.1	85.1	85.1	85.1
100	86.8	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.4
125	87.7	87.8	88.0	88.1	88.1	88.2	88.3	88.3	88.3
160	88.2	88.2	88.4	88.5	88.6	88.7	88.8	88.9	88.9
200	88.7	88.8	88.9	89.1	89.2	89.3	89.4	89.5	89.6
250	89.7	89.7	89.9	90.1	90.3	90.3	90.5	90.6	90.7
315	90.6	90.6	90.8	91.0	91.2	91.3	91.4	91.6	91.7
400	91.6	91.6	91.8	92.0	92.2	92.3	92.4	92.6	92.7
500	92.7	92.6	92.7	92.9	93.1	93.2	93.4	93.5	93.6
630	93.8	93.6	93.7	93.9	94.0	94.1	94.2	94.3	94.4
800	94.7	94.3	94.4	94.5	94.6	94.6	94.7	94.7	94.8
1000	96.1	95.7	95.6	95.6	95.7	95.6	95.7	95.7	95.7
1250	97.7	97.4	97.2	97.2	97.1	97.1	97.1	97.0	97.0
1600	98.7	98.7	98.5	98.4	98.3	98.3	98.2	98.1	98.1
2000	98.3	98.6	98.5	98.3	98.2	98.1	98.1	98.0	97.9
2500	97.0	97.2	97.3	97.3	97.1	97.1	97.0	96.9	96.9
3150	94.8	95.1	95.3	95.3	95.2	95.2	95.2	95.1	95.1
4000	91.5	91.8	92.0	92.1	92.1	92.1	92.1	92.0	92.0
5000	86.6	86.9	87.2	87.3	87.3	87.4	87.4	87.4	87.4
6300	79.3	79.7	80.0	80.2	80.3	80.3	80.3	80.4	80.4
8000	68.9	69.3	69.7	69.9	70.0	70.1	70.1	70.2	70.2
10000	56.4	56.9	57.4	57.6	57.7	57.8	57.8	57.8	57.8

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2.3 One-third octave band level E-160 EP5 E2-MST-140-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 5: One-third octave band level for E-160 EP5 E2-MST-140-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.7	51.1	53.1	54.9	56.5	57.1	<i>57.1</i>	57.2	57.3	57.4
25	54.4	57.0	59.1	61.0	62.6	63.3	<i>63.3</i>	63.4	63.5	63.5
31.5	59.5	62.2	64.4	66.3	68.1	68.7	<i>68.8</i>	68.9	68.9	69.0
40	64.0	66.7	69.1	71.1	72.9	73.6	<i>73.6</i>	73.7	73.7	73.8
50	67.8	70.6	73.1	75.2	77.1	77.8	<i>77.8</i>	77.9	77.9	78.0
63	71.2	74.1	76.6	78.7	80.7	81.4	<i>81.4</i>	81.5	81.6	81.6
80	74.1	77.0	79.6	81.8	83.8	84.5	<i>84.6</i>	84.6	84.7	84.8
100	76.1	79.1	81.7	84.0	86.0	86.8	<i>86.8</i>	86.9	86.9	87.0
125	77.1	80.1	82.7	84.9	87.0	87.7	<i>87.8</i>	87.8	87.8	87.9
160	77.7	80.7	83.3	85.5	87.5	88.3	<i>88.4</i>	88.3	88.3	88.3
200	78.4	81.4	84.0	86.2	88.1	88.9	<i>89.0</i>	89.0	88.9	88.9
250	79.6	82.6	85.1	87.2	89.2	90.0	<i>90.1</i>	90.0	89.9	89.9
315	80.6	83.7	86.2	88.3	90.1	91.0	<i>91.2</i>	91.0	90.9	90.8
400	81.7	85.0	87.4	89.4	91.2	92.2	<i>92.4</i>	92.2	92.0	91.9
500	82.6	86.1	88.6	90.7	92.5	93.4	<i>93.7</i>	93.4	93.2	93.0
630	83.3	86.9	89.6	91.8	93.7	94.6	<i>94.8</i>	94.6	94.4	94.2
800	83.4	87.3	90.1	92.4	94.5	95.3	<i>95.5</i>	95.4	95.3	95.1
1000	83.9	88.0	90.9	93.3	95.5	96.4	<i>96.5</i>	96.5	96.4	96.4
1250	84.7	88.8	91.9	94.4	96.8	97.6	<i>97.6</i>	97.7	97.7	97.8
1600	85.2	89.4	92.5	95.1	97.6	98.4	<i>98.4</i>	98.5	98.6	98.7
2000	84.6	88.7	91.9	94.6	97.1	97.9	<i>97.9</i>	98.0	98.1	98.2
2500	83.1	87.2	90.4	93.1	95.6	96.4	<i>96.4</i>	96.5	96.6	96.7
3150	80.7	84.9	88.0	90.8	93.3	94.1	<i>94.1</i>	94.2	94.3	94.4
4000	77.2	81.2	84.4	87.1	89.6	90.5	<i>90.4</i>	90.6	90.7	90.8
5000	72.0	76.0	79.1	81.9	84.4	85.2	<i>85.2</i>	85.3	85.4	85.5
6300	64.3	68.2	71.3	74.0	76.5	77.4	<i>77.3</i>	77.5	77.5	77.7
8000	53.0	56.9	60.0	62.8	65.2	66.1	<i>66.0</i>	66.1	66.2	66.3
10000	39.2	43.1	46.2	49.0	51.5	52.3	<i>52.2</i>	52.4	52.4	52.5

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Tab. 6: One-third octave band level for E-160 EP5 E2-MST-140-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.6	57.8	57.9	58.0	58.0	58.1	58.1	58.2	58.2
25	63.7	63.9	64.0	64.1	64.2	64.2	64.2	64.3	64.3
31.5	69.2	69.4	69.5	69.5	69.6	69.6	69.7	69.7	69.7
40	74.0	74.2	74.3	74.3	74.4	74.4	74.4	74.5	74.5
50	78.2	78.4	78.4	78.5	78.6	78.6	78.6	78.7	78.7
63	81.8	82.0	82.1	82.1	82.2	82.2	82.2	82.3	82.3
80	84.9	85.1	85.2	85.2	85.3	85.3	85.3	85.4	85.4
100	87.1	87.2	87.3	87.4	87.5	87.5	87.5	87.6	87.6
125	87.9	88.0	88.2	88.3	88.4	88.4	88.5	88.5	88.6
160	88.3	88.4	88.6	88.8	88.9	88.9	89.0	89.1	89.1
200	88.9	89.0	89.2	89.3	89.5	89.6	89.6	89.7	89.8
250	89.8	89.9	90.2	90.3	90.5	90.6	90.7	90.8	90.9
315	90.7	90.8	91.1	91.2	91.4	91.5	91.7	91.8	91.9
400	91.7	91.8	92.0	92.2	92.4	92.5	92.6	92.8	92.9
500	92.7	92.7	93.0	93.2	93.3	93.5	93.6	93.7	93.8
630	93.7	93.7	93.9	94.1	94.2	94.3	94.4	94.5	94.5
800	94.6	94.4	94.6	94.6	94.7	94.8	94.8	94.9	94.9
1000	96.0	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8
1250	97.7	97.4	97.2	97.2	97.2	97.2	97.1	97.1	97.1
1600	98.8	98.7	98.5	98.4	98.3	98.3	98.2	98.2	98.1
2000	98.4	98.5	98.4	98.2	98.2	98.1	98.0	98.0	97.9
2500	96.9	97.2	97.2	97.1	97.0	96.9	96.9	96.8	96.8
3150	94.7	94.9	95.0	95.0	95.0	94.9	94.9	94.9	94.8
4000	91.1	91.4	91.5	91.5	91.6	91.6	91.5	91.6	91.5
5000	85.8	86.2	86.3	86.4	86.5	86.5	86.5	86.6	86.5
6300	78.0	78.4	78.6	78.7	78.8	78.9	78.9	78.9	78.9
8000	66.6	67.1	67.4	67.6	67.7	67.7	67.8	67.8	67.8
10000	52.8	53.3	53.7	53.9	54.0	54.0	54.1	54.1	54.1

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2.4 One-third octave band level E-160 EP5 E2-MST-166-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 7: One-third octave band level for E-160 EP5 E2-MST-166-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.2	51.6	53.7	55.4	56.9	<i>57.3</i>	57.4	57.5	57.5	57.7
25	55.0	57.5	59.7	61.5	63.0	63.5	63.6	63.6	63.7	63.8
31.5	60.1	62.7	65.0	66.9	68.5	<i>69.0</i>	69.1	69.1	69.2	69.3
40	64.5	67.3	69.7	71.6	73.3	<i>73.8</i>	73.9	73.9	74.0	74.1
50	68.4	71.2	73.7	75.7	77.5	<i>78.0</i>	78.1	78.1	78.2	78.3
63	71.8	74.7	77.2	79.3	81.1	<i>81.7</i>	81.7	81.8	81.8	81.9
80	74.7	77.6	80.2	82.4	84.2	<i>84.8</i>	84.8	84.9	84.9	85.0
100	76.7	79.7	82.4	84.6	86.5	<i>87.0</i>	87.1	87.1	87.1	87.2
125	77.7	80.7	83.3	85.5	87.4	<i>88.0</i>	88.0	88.0	88.1	88.1
160	78.3	81.3	83.9	86.1	87.9	<i>88.5</i>	88.6	88.6	88.6	88.6
200	79.0	82.0	84.6	86.7	88.6	<i>89.2</i>	89.2	89.2	89.2	89.1
250	80.2	83.1	85.7	87.8	89.6	<i>90.2</i>	90.3	90.2	90.2	90.1
315	81.2	84.3	86.7	88.8	90.6	<i>91.3</i>	91.3	91.2	91.1	91.0
400	82.3	85.5	87.9	90.0	91.7	<i>92.4</i>	92.5	92.3	92.1	92.0
500	83.3	86.6	89.1	91.2	92.9	<i>93.7</i>	93.8	93.5	93.3	93.1
630	83.9	87.5	90.1	92.3	94.1	<i>94.8</i>	94.9	94.7	94.5	94.2
800	84.1	87.8	90.6	92.9	94.8	<i>95.5</i>	95.6	95.5	95.4	95.2
1000	84.6	88.5	91.4	93.8	95.9	<i>96.5</i>	96.6	96.5	96.5	96.4
1250	85.3	89.3	92.4	94.9	97.1	<i>97.7</i>	97.7	97.8	97.8	97.8
1600	85.8	89.8	93.0	95.6	97.9	<i>98.4</i>	98.4	98.5	98.6	98.7
2000	85.1	89.1	92.3	95.0	97.3	<i>97.8</i>	97.9	97.9	98.0	98.1
2500	83.4	87.5	90.7	93.3	95.7	<i>96.2</i>	96.3	96.3	96.4	96.6
3150	80.9	84.9	88.1	90.8	93.2	<i>93.7</i>	93.7	93.8	93.9	94.1
4000	77.0	81.0	84.2	86.9	89.2	<i>89.8</i>	89.8	89.9	90.0	90.1
5000	71.4	75.3	78.4	81.1	83.5	<i>84.0</i>	84.0	84.1	84.2	84.4
6300	62.9	66.7	69.9	72.5	74.9	<i>75.4</i>	75.4	75.5	75.6	75.8
8000	50.3	54.2	57.4	60.0	62.3	<i>62.9</i>	62.9	63.0	63.0	63.2
10000	34.8	38.6	41.8	44.5	46.8	<i>47.4</i>	47.4	47.4	47.5	47.6

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Tab. 8: One-third octave band level for E-160 EP5 E2-MST-166-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.9	58.1	58.2	58.3	58.3	58.3	58.4	58.4	58.5
25	64.1	64.3	64.3	64.4	64.4	64.5	64.5	64.5	64.6
31.5	69.5	69.7	69.8	69.8	69.9	69.9	69.9	70.0	70.0
40	74.3	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.8
50	78.5	78.7	78.8	78.8	78.8	78.9	78.9	78.9	78.9
63	82.1	82.3	82.4	82.4	82.5	82.5	82.5	82.5	82.5
80	85.2	85.4	85.5	85.5	85.6	85.6	85.6	85.6	85.6
100	87.4	87.5	87.7	87.7	87.7	87.8	87.8	87.8	87.9
125	88.2	88.4	88.5	88.6	88.6	88.7	88.7	88.8	88.8
160	88.6	88.8	89.0	89.1	89.1	89.2	89.3	89.3	89.4
200	89.1	89.3	89.5	89.6	89.7	89.8	89.9	90.0	90.1
250	90.1	90.2	90.5	90.6	90.7	90.8	91.0	91.1	91.2
315	91.0	91.1	91.4	91.5	91.7	91.8	91.9	92.1	92.2
400	91.9	92.0	92.3	92.5	92.6	92.7	92.9	93.0	93.2
500	92.9	93.0	93.2	93.4	93.6	93.7	93.8	93.9	94.0
630	93.9	93.9	94.1	94.3	94.4	94.5	94.6	94.7	94.7
800	94.7	94.6	94.7	94.8	94.9	94.9	95.0	95.0	95.1
1000	96.0	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9
1250	97.6	97.4	97.3	97.3	97.3	97.2	97.2	97.2	97.1
1600	98.8	98.6	98.5	98.4	98.3	98.2	98.2	98.1	98.1
2000	98.4	98.4	98.3	98.2	98.1	98.0	97.9	97.8	97.8
2500	96.9	97.0	97.0	96.9	96.8	96.7	96.7	96.6	96.5
3150	94.4	94.6	94.7	94.6	94.6	94.5	94.5	94.5	94.4
4000	90.5	90.7	90.9	90.9	90.9	90.8	90.8	90.8	90.8
5000	84.8	85.1	85.2	85.3	85.3	85.3	85.4	85.4	85.4
6300	76.2	76.6	76.8	76.9	76.9	76.9	77.0	77.0	77.0
8000	63.6	64.1	64.3	64.5	64.5	64.6	64.6	64.6	64.6
10000	48.1	48.6	48.9	49.0	49.1	49.1	49.2	49.2	49.2

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Technical data sheet

Operating Mode 0 s

**ENERCON E-160 EP5 E2 / 5500 kW wind energy converter
with TES (Trailing Edge Serrations)**

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Applicable documents

The titles of the documents listed are the titles of the original language versions, with translations of these titles in brackets where applicable. The titles of superordinate standards and guidelines are indicated in the original language or as an English translation. Document IDs always refer to the original language versions. If the document ID does not contain a revision, the most recent revision of the document applies. This list contains documents concerning optional components if necessary.

Document ID	Title
DIN 45645-1:1996	Ermittlung von Beurteilungspegeln aus Messungen – Teil 1: Geräuschimmissionen in der Nachbarschaft (Determination of rating levels from measurement data – Part 1: Noise immission in the neighbourhood)
DIN 45681:2005	Akustik - Bestimmung der Tonhaltigkeit von Geräuschen und Ermittlung eines Tonzuschlages für die Beurteilung von Geräuschimmissionen (Acoustics – Determination of tonal components of noise and determination of a tone adjustment for the assessment of noise immissions)
IEC 61400-11:2012	Wind turbines - Part 11: Acoustic noise measurement techniques
IEC 61400-12-1:2017	Wind energy generation systems - Part 12-1: Power performance measurements of electricity producing wind turbines
TR 1:2008	Technische Richtlinien für Windenergieanlagen Teil 1: Bestimmung der Schallemissionswerte (Technical regulations for wind energy converters - Part 1: Determination of noise emission values)
DIN EN ISO 266:1997	Akustik Normfrequenzen (Acoustics standard frequencies)
-	Power Performance Warranty for ENERCON Wind Energy Converters

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List of abbreviations

Abbreviations

HH	Hub height
MST	Modular steel tower

Variables, units, formulas

L_o	Octave band level
L_T	One-third octave band level
v_H	Wind speed at hub height
v_s	Standardised wind speed
σ_P	Serial product variation
σ_R	Uncertainty in measurement

1 Power Performance

The power values, power coefficients (c_p values) and thrust coefficients (c_t values) given in this document are predicted values. Based on the current development status of this wind energy converter type, ENERCON considers it sufficiently likely that these values will be reached. The power performance of the wind energy converter is only guaranteed under the conditions described in the document 'Power Performance Warranty for ENERCON Wind Energy Converters'.

1.1 Site

The power, c_p and c_t curves listed in this document have been calculated for the conditions described in tab. 1, p. 6 with an undamaged leading edge and clean rotor blades. The calculations are based on experience with wind energy converters in a wide variety of locations.

Tab. 1: Site conditions

Parameter	Value (10-minute mean)
Standard air density	1.225 kg/m ³
Turbulence intensity	According to ch. 1.3, p. 7
Wind shear exponent	0.0 to 0.3
Maximum difference of wind direction between upper and lower blade tip	10°
Maximum flow inclination	±2°
Terrain	According to IEC 61400-12-1:2017
Snow/ice	No
Rain	No

Otherwise, the framework conditions according to IEC 61400-12-1:2017 apply.

1.2 Operating parameters

The settings of the wind energy converter's reactive power generation and wind farm open-loop and closed-loop control systems influence the power performance. The calculated power curves, c_p and c_t curves listed in this document apply only to operation without limitations.

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1.3 Turbulence intensity

The table below defines the validity range of the power, c_p and c_t characteristic curves in relation to the degrees of turbulence intensity that may prevail on site. See the tab. 1, p. 6 for further restrictions.

Tab. 2: Turbulence intensity

Wind speed in m/s	Lower limit of turbulence intensity in %	Upper limit of turbulence intensity in %
0.00	20.00	40.00
0.50	20.00	40.00
1.00	20.00	40.00
1.50	20.00	40.00
2.00	20.00	40.00
2.50	20.00	40.00
3.00	18.32	34.02
3.50	16.45	30.55
4.00	15.05	27.95
4.50	13.96	25.93
5.00	13.09	24.31
5.50	12.38	22.99
6.00	11.78	21.88
6.50	11.28	20.95
7.00	10.85	20.15
7.50	10.48	19.46
8.00	10.15	18.85
8.50	9.86	18.31
9.00	9.61	17.84
9.50	9.38	17.41
10.00	9.17	17.03
10.50	8.98	16.68
11.00	8.81	16.37
11.50	8.66	16.08
12.00	8.52	15.82
12.50	8.39	15.57
13.00	8.27	15.35
13.50	8.15	15.14
14.00	8.05	14.95
14.50	7.95	14.77
15.00	7.86	14.60

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Wind speed in m/s	Lower limit of turbulence intensity in %	Upper limit of turbulence intensity in %
15.50	7.78	14.45
16.00	7.70	14.30
16.50	7.63	14.16
17.00	7.56	14.03
17.50	7.49	13.91
18.00	7.43	13.79
18.50	7.37	13.69
19.00	7.31	13.58
19.50	7.26	13.48
20.00	7.21	13.39
20.50	7.16	13.30
21.00	7.12	13.22
21.50	7.07	13.14
22.00	7.03	13.06

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2 Sound power level

Allocation of the sound power levels to the standardised wind speed (v_s) at a height of 10 m is valid only if based on a logarithmic wind shear law with a roughness length of 0.05 m. Allocation of the sound power levels to the wind speed at hub height (v_H) is valid for all hub heights (HH). During measurements, the wind speed is determined based on the power output and the power curve.

The maximum tonal noise KTN across the entire power range is 1 dB (applies to close range acc. to TR 1:2008 of the Federation of German Windpower and DIN 45681:2005) or $\Delta L_{a,k} < 2$ dB (applies to close range acc. to IEC 61400-11:2012).

The impulse noise KIN across the entire power range is 0 dB (applies to close range acc. to TR 1:2008 and DIN 45645-1:1996).

Due to uncertainty in acoustic measurements (σ_R) and serial product variation (σ_P), the sound power level values indicated in this document are subject to an uncertainty of $\sigma_R = 0.5$ dB(A) and $\sigma_P = 1.2$ dB(A). Standards are TR 1:2008 and IEC 61400-11:2012. If, during measurement, the difference between total noise and extraneous noise is less than 6 dB(A), a greater uncertainty should be assumed.

This data sheet does not constitute a project-specific and/or site-specific warranty of compliance with sound power levels.

2.1 Octave band level

The specified octave band levels of the loudest condition of the tower have been simulated from the one-third octave band level values defined in the frequency bands of DIN EN ISO 266:1997. An octave band level L_O is calculated from 3 one-third octave band levels L_{T1} , L_{T2} and L_{T3} according to the following formula:

$$L_O = 10 \times \log\left(10^{\frac{L_{T1}}{10}} + 10^{\frac{L_{T2}}{10}} + 10^{\frac{L_{T3}}{10}}\right)$$

The individual octave band level values cannot be guaranteed. Only the cumulative level of all octave band levels for each wind speed, which corresponds to the sound power level at that particular wind speed, is a guaranteed quantity.

3 Operating mode 0 s

3.1 Calculated power, c_p and c_t values – operating mode 0 s

Tab. 3: Calculated power, c_p and c_t values for E-160 EP5 E2 / 5500 kW – operating mode 0 s

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	0	0.00	0.00
2.00	0	0.00	0.00
2.50	43	0.22	0.93
3.00	106	0.32	0.86
3.50	202	0.38	0.85
4.00	332	0.42	0.84
4.50	498	0.45	0.84
5.00	704	0.46	0.84
5.50	955	0.47	0.83
6.00	1253	0.47	0.83
6.50	1601	0.47	0.82
7.00	1998	0.47	0.81
7.50	2432	0.47	0.79
8.00	2888	0.46	0.75
8.50	3343	0.44	0.71
9.00	3779	0.42	0.65
9.50	4181	0.40	0.60
10.00	4539	0.37	0.54
10.50	4843	0.34	0.49
11.00	5084	0.31	0.44
11.50	5263	0.28	0.39
12.00	5385	0.25	0.35
12.50	5462	0.23	0.31
13.00	5500	0.20	0.28
13.50	5500	0.18	0.25
14.00	5500	0.16	0.22
14.50	5500	0.15	0.20
15.00	5500	0.13	0.18

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Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.50	5500	0.12	0.16
16.00	5500	0.11	0.15
16.50	5500	0.10	0.13
17.00	5500	0.09	0.12
17.50	5500	0.08	0.11
18.00	5500	0.08	0.10
18.50	5500	0.07	0.10
19.00	5500	0.07	0.09
19.50	5500	0.06	0.08
20.00	5500	0.06	0.08
20.50	5500	0.05	0.07
21.00	5500	0.05	0.07
21.50	5500	0.05	0.06
22.00	5500	0.04	0.06

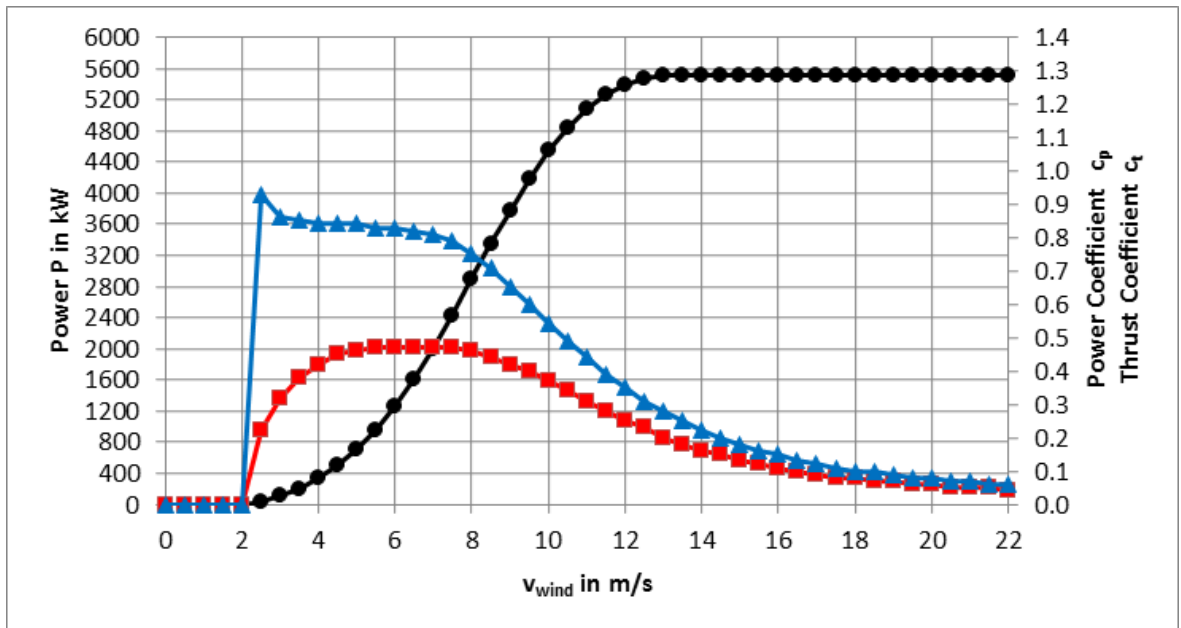


Fig. 1: Power, c_p and c_t curves for E-160 EP5 E2 / 5500 kW – operating mode 0 s

◆◆◆	Power P in kW
▲▲▲	c_t value
■ ■ ■	c_p value

Subject to technical change without prior notice.

3.2 Calculated sound power levels – operating mode 0 s

In operating mode 0 s the wind energy converter operates in a power-optimised mode to achieve optimum yield. The highest expected sound power level is 106.8 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 4: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	5500	kW
Nominal wind speed	12.9	m/s
Minimum operating speed	2.8	rpm
Speed setpoint	9.4	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 2, p. 9.

Tab. 5: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)		
	E-160 EP5 E2-MST-120-FB-C-01	E-160 EP5 E2-MST-140-FB-C-01	E-160 EP5 E2-MST-166-FB-C-01
3 m/s	94.0	94.5	95.0
3.5 m/s	97.9	98.3	98.7
4 m/s	100.7	101.2	101.6
4.5 m/s	103.2	103.6	104.1
5 m/s	105.4	105.9	106.2
5.5 m/s	106.7	106.7	106.8
6 m/s	106.8	106.8	106.8
6.5 m/s	106.8	106.8	106.8
7 m/s	106.8	106.8	106.8
7.5 m/s	106.8	106.8	106.8
8 m/s	106.8	106.8	106.8
8.5 m/s	106.8	106.8	106.8
9 m/s	106.8	106.8	106.8
9.5 m/s	106.8	106.8	106.8
10 m/s	106.8	106.8	106.8
10.5 m/s	106.8	106.8	106.8
11 m/s	106.8	106.8	106.8
11.5 m/s	106.8	106.8	106.8
12 m/s	106.8	106.8	106.8
95 % P_n	106.8	106.8	106.8

Subject to technical change without prior notice.

Tab. 6: Calculated sound power level in dB(A), based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	97.3
5.5 m/s	99.3
6 m/s	101.2
6.5 m/s	102.9
7 m/s	104.4
7.5 m/s	105.9
8 m/s	106.7
8.5 m/s	106.8
9 m/s	106.8
9.5 m/s	106.8
10 m/s	106.8
10.5 m/s	106.8
11 m/s	106.8
11.5 m/s	106.8
12 m/s	106.8
12.5 m/s	106.8
13 m/s	106.8
13.5 m/s	106.8
14 m/s	106.8
14.5 m/s	106.8
15 m/s	106.8

Subject to technical change without prior notice.

3.3 Octave band levels of the loudest condition

3.3.1 Octave band level HH

Tab. 7: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	74.9	86.7	92.3	94.8	98.4	101.3	102.5	96.5	79.2

3.3.2 Octave band level E-160 EP5 E2-MST-120-FB-C-01

Tab. 8: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6	74.9	86.7	92.3	94.8	98.4	101.3	102.5	96.5	79.2

3.3.3 Octave band level E-160 EP5 E2-MST-140-FB-C-01

Tab. 9: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6	75.1	86.9	92.5	95.0	98.5	101.4	102.4	96.0	77.6

3.3.4 Octave band level E-160 EP5 E2-MST-166-FB-C-01

Tab. 10: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5.5	75.3	87.1	92.6	95.1	98.5	101.4	102.3	95.5	75.6

Subject to technical change without prior notice.

Technical data sheet

**One-third octave band levels for power-optimised
sound modes**

**ENERCON E-138 EP3 E2 / 4200 kW wind energy converter
with TES (Trailing Edge Serrations)**

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List of abbreviations

Abbreviations

HH	Hub height
HT	Hybrid tower
ST	Steel tower

Variables, units, formulas

v_H	Wind speed at hub height
v_s	Standardised wind speed

1 Available operating modes

The table below shows which operating modes are available for what tower versions or hub heights.

Tab. 1: Available operating modes

Operating mode	Tower version or hub height (HH)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-13-1-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
	HH 81 m	HH 96 m	HH 111 m	HH 131 m	HH 131 m	HH 131 m	HH 149 m	HH 160 m
102.5 dB	x	x	x	-	-	-	x	x
101.5 dB	x	x	x	-	-	-	x	x
100.5 dB	x	x	x	-	-	x	x	x
99.5 dB	x	x	x	x	x	x	x	x
98.5 dB	⁻¹	x	x	x	x	x	x	x
97.5 dB	⁻¹	x	x	x	x	x	x	x

x = Available

⁻¹ = Available on request after site-specific check

- = Not available

2 General

- Allocation of the sound power levels to the standardised wind speed v_s at a height of 10 m is valid only if based on a logarithmic wind shear law with a roughness length of 0.05 m. Allocation of the sound power levels to the wind speed at hub height (v_H) is valid for all hub heights (HH). During measurements, the wind speed is determined based on the power output and the power curve.
- The sound power levels indicated were determined based on aero-acoustic simulations.
- Individual one-third octave band level values cannot be guaranteed. Only the cumulative level of all one-third octave band levels for each wind speed, which corresponds to the sound power level at that particular wind speed, is a guaranteed quantity.

3 Operating mode 102.5 dB

3.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 2: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	50.7	52.1	52.7	52.9	53.1	53.3	53.7	53.9	54.1	54.2	54.3
25	56.6	58.1	58.7	59.0	59.2	59.4	59.8	60.0	60.3	60.4	60.4
31.5	61.8	63.4	64.1	64.3	64.6	64.8	65.1	65.4	65.7	65.8	65.9
40	66.3	68.0	68.7	68.9	69.2	69.5	69.8	70.1	70.3	70.5	70.6
50	70.2	72.0	72.7	72.9	73.2	73.5	73.8	74.1	74.4	74.5	74.6
63	73.5	75.4	76.1	76.3	76.6	76.9	77.3	77.5	77.8	78.0	78.1
80	76.4	78.2	79.0	79.2	79.5	79.8	80.2	80.5	80.8	80.9	81.0
100	78.5	80.4	81.1	81.4	81.7	82.0	82.4	82.7	83.0	83.1	83.2
125	79.6	81.5	82.2	82.5	82.9	83.2	83.6	83.9	84.1	84.3	84.4
160	80.4	82.2	83.0	83.4	83.7	84.0	84.4	84.7	85.0	85.2	85.3
200	81.2	83.1	83.9	84.3	84.6	84.9	85.4	85.7	86.0	86.1	86.2
250	82.4	84.2	85.1	85.4	85.8	86.1	86.5	86.9	87.1	87.3	87.3
315	83.3	85.2	86.0	86.4	86.8	87.1	87.5	87.9	88.1	88.3	88.3
400	84.0	86.0	86.8	87.2	87.5	87.8	88.3	88.6	88.9	89.1	89.1
500	84.3	86.4	87.2	87.6	87.9	88.2	88.7	89.0	89.3	89.5	89.5
630	84.4	86.5	87.4	87.7	88.1	88.4	88.8	89.2	89.4	89.6	89.7
800	84.6	86.7	87.6	87.9	88.2	88.5	89.0	89.3	89.6	89.8	89.8
1000	85.1	87.2	88.0	88.3	88.7	88.9	89.4	89.7	90.0	90.2	90.2
1250	85.7	87.9	88.7	88.9	89.2	89.5	89.9	90.2	90.5	90.7	90.8
1600	86.1	88.3	89.1	89.3	89.6	89.9	90.3	90.6	90.9	91.1	91.2
2000	85.6	87.8	88.5	88.8	89.1	89.3	89.7	90.0	90.3	90.5	90.7
2500	84.3	86.5	87.3	87.5	87.7	88.0	88.4	88.6	89.0	89.2	89.4
3150	82.4	84.7	85.4	85.6	85.8	86.0	86.4	86.6	87.0	87.2	87.4
4000	79.5	81.7	82.5	82.6	82.8	83.0	83.3	83.5	83.8	84.1	84.4
5000	74.9	77.3	78.0	78.2	78.3	78.5	78.8	78.9	79.3	79.6	79.9
6300	67.8	70.2	71.0	71.2	71.4	71.5	71.8	72.0	72.4	72.8	73.1
8000	57.2	59.7	60.5	60.8	61.0	61.2	61.5	61.7	62.1	62.5	62.8

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	44.5	47.0	47.8	48.1	48.3	48.5	48.9	49.1	49.5	49.9	50.2

Tab. 3: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	54.5	54.6	54.9	55.0	55.1	55.1	55.0	54.8	54.7	54.6
25	60.6	60.7	61.0	61.2	61.3	61.2	61.2	61.0	60.8	60.8
31.5	66.0	66.2	66.4	66.6	66.8	66.7	66.6	66.4	66.3	66.2
40	70.7	70.9	71.1	71.4	71.5	71.5	71.4	71.2	71.0	71.0
50	74.8	74.9	75.2	75.5	75.6	75.5	75.4	75.3	75.1	75.0
63	78.2	78.4	78.7	79.0	79.1	79.1	79.0	78.8	78.6	78.5
80	81.2	81.4	81.7	82.0	82.1	82.0	81.9	81.8	81.6	81.5
100	83.4	83.6	83.9	84.2	84.3	84.2	84.1	83.9	83.7	83.6
125	84.6	84.7	85.0	85.3	85.3	85.2	85.1	84.9	84.7	84.6
160	85.4	85.6	85.8	86.1	86.1	86.0	85.8	85.5	85.3	85.2
200	86.4	86.5	86.7	86.9	86.9	86.7	86.5	86.2	86.0	85.9
250	87.5	87.6	87.9	88.0	88.0	87.8	87.6	87.2	87.0	86.9
315	88.5	88.6	88.9	89.0	88.9	88.7	88.5	88.1	87.9	87.8
400	89.3	89.4	89.6	89.8	89.7	89.6	89.3	89.0	88.7	88.6
500	89.7	89.8	90.1	90.3	90.3	90.2	89.9	89.7	89.5	89.4
630	89.9	90.0	90.3	90.6	90.7	90.6	90.5	90.2	90.1	90.1
800	90.0	90.2	90.5	90.9	91.0	91.0	90.9	90.8	90.7	90.7
1000	90.4	90.6	90.9	91.4	91.6	91.7	91.6	91.5	91.6	91.7
1250	91.0	91.2	91.5	92.1	92.4	92.4	92.4	92.5	92.6	92.8
1600	91.5	91.7	92.0	92.7	93.0	93.1	93.1	93.3	93.6	93.8
2000	90.9	91.2	91.5	92.2	92.6	92.7	92.8	93.2	93.5	93.6
2500	89.6	89.9	90.3	91.1	91.5	91.7	91.9	92.4	92.5	92.4
3150	87.7	88.0	88.4	89.4	89.8	90.1	90.3	90.6	90.4	90.1
4000	84.7	85.0	85.5	86.6	87.1	87.3	87.4	87.3	86.9	86.6
5000	80.3	80.7	81.1	82.3	82.7	82.8	82.7	82.2	81.8	81.6
6300	73.4	73.8	74.3	75.3	75.6	75.6	75.4	74.8	74.4	74.1
8000	63.2	63.5	64.0	64.8	65.1	65.0	64.8	64.2	63.7	63.4
10000	50.5	50.9	51.3	52.1	52.4	52.3	52.0	51.4	50.8	50.5

3.2 One-third octave band level E-138 EP3 E2-ST-81-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 4: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.2	49.9	51.7	52.3	52.7	53.1	53.4	53.7	53.9	54.0
25	53.0	55.8	57.8	58.4	58.8	59.2	59.5	59.8	60.0	60.2
31.5	58.0	61.0	63.1	63.8	64.1	64.5	64.9	65.2	65.4	65.6
40	62.4	65.4	67.7	68.4	68.8	69.2	69.6	69.9	70.1	70.3
50	66.1	69.3	71.6	72.4	72.8	73.2	73.6	74.0	74.2	74.3
63	69.3	72.6	75.0	75.8	76.2	76.6	77.1	77.4	77.6	77.8
80	72.1	75.5	77.9	78.7	79.1	79.6	80.0	80.4	80.6	80.8
100	74.2	77.6	80.1	80.9	81.3	81.8	82.2	82.6	82.8	83.0
125	75.3	78.7	81.2	82.0	82.5	82.9	83.4	83.8	84.0	84.2
160	76.1	79.5	82.0	82.8	83.3	83.8	84.3	84.7	84.9	85.0
200	77.0	80.3	82.8	83.7	84.2	84.7	85.2	85.6	85.8	86.0
250	78.1	81.5	84.0	84.9	85.4	85.9	86.5	86.8	87.0	87.1
315	79.0	82.4	85.0	85.9	86.4	86.9	87.5	87.8	88.0	88.1
400	79.5	83.2	85.8	86.7	87.2	87.7	88.3	88.6	88.8	89.0
500	79.8	83.5	86.2	87.1	87.6	88.1	88.7	89.1	89.3	89.4
630	79.8	83.6	86.4	87.3	87.8	88.3	88.9	89.2	89.4	89.6
800	80.0	83.8	86.7	87.5	88.0	88.5	89.0	89.4	89.6	89.8
1000	80.5	84.4	87.2	88.1	88.5	89.0	89.5	89.9	90.1	90.3
1250	81.1	85.0	87.9	88.7	89.1	89.6	90.1	90.5	90.7	90.9
1600	81.6	85.5	88.4	89.2	89.7	90.1	90.6	90.9	91.2	91.5
2000	81.2	85.1	88.1	88.8	89.2	89.7	90.1	90.5	90.8	91.1
2500	80.1	84.1	87.0	87.8	88.2	88.6	89.0	89.4	89.7	90.0
3150	78.5	82.6	85.6	86.3	86.6	87.0	87.3	87.8	88.1	88.5
4000	76.1	80.2	83.2	83.9	84.2	84.5	84.8	85.3	85.7	86.1
5000	72.3	76.6	79.7	80.4	80.6	80.9	81.2	81.6	82.1	82.6
6300	66.4	70.8	74.0	74.8	75.1	75.4	75.7	76.2	76.7	77.2
8000	58.2	62.6	65.9	66.8	67.1	67.5	67.8	68.3	68.8	69.2
10000	48.8	53.2	56.5	57.4	57.8	58.1	58.5	59.0	59.5	59.9

Tab. 5: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	54.3	54.5	54.7	54.5	54.3	54.1	54.0	54.0	54.0
25	60.4	60.7	60.9	60.7	60.5	60.3	60.2	60.2	60.1
31.5	65.8	66.1	66.3	66.2	65.9	65.7	65.7	65.6	65.6
40	70.5	70.9	71.1	70.9	70.7	70.5	70.4	70.4	70.3
50	74.6	75.0	75.2	75.0	74.8	74.6	74.5	74.5	74.4
63	78.1	78.5	78.7	78.5	78.3	78.1	78.0	78.0	77.9
80	81.1	81.5	81.7	81.5	81.3	81.1	81.0	80.9	80.9
100	83.3	83.6	83.8	83.7	83.4	83.2	83.1	83.0	83.0
125	84.4	84.8	84.9	84.7	84.4	84.2	84.0	84.0	84.0
160	85.3	85.6	85.6	85.4	85.1	84.8	84.6	84.6	84.5
200	86.2	86.5	86.5	86.2	85.8	85.5	85.3	85.3	85.2
250	87.4	87.6	87.6	87.3	86.9	86.5	86.4	86.3	86.3
315	88.4	88.6	88.5	88.2	87.8	87.5	87.3	87.3	87.2
400	89.2	89.4	89.4	89.1	88.7	88.3	88.2	88.1	88.1
500	89.6	90.0	90.0	89.7	89.4	89.1	89.0	88.9	88.9
630	89.8	90.3	90.4	90.2	90.0	89.8	89.7	89.8	89.8
800	90.1	90.6	90.8	90.7	90.5	90.4	90.5	90.6	90.7
1000	90.6	91.1	91.4	91.4	91.3	91.4	91.5	91.7	91.8
1250	91.2	91.9	92.3	92.3	92.3	92.5	92.7	92.9	93.1
1600	91.8	92.5	93.0	93.0	93.2	93.6	93.8	93.9	94.0
2000	91.5	92.2	92.7	92.9	93.3	93.6	93.7	93.7	93.6
2500	90.4	91.3	91.9	92.1	92.6	92.7	92.6	92.5	92.3
3150	88.9	89.9	90.6	90.9	91.3	91.0	90.7	90.5	90.3
4000	86.6	87.7	88.5	88.7	88.6	88.1	87.8	87.6	87.4
5000	83.1	84.2	85.0	85.0	84.5	84.0	83.6	83.4	83.2
6300	77.7	78.7	79.3	79.2	78.5	78.0	77.6	77.3	77.1
8000	69.7	70.7	71.1	70.9	70.3	69.6	69.2	68.9	68.7
10000	60.4	61.3	61.7	61.5	60.8	60.1	59.6	59.3	59.0

3.3 One-third octave band level E-138 EP3 E2-ST-96-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 6: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.8	50.4	52.0	52.6	52.9	53.3	53.6	53.9	54.0	54.2
25	53.5	56.3	58.1	58.6	59.0	59.4	59.7	60.1	60.2	60.4
31.5	58.6	61.5	63.4	64.0	64.4	64.8	65.1	65.5	65.6	65.8
40	63.0	66.0	68.0	68.6	69.0	69.4	69.8	70.1	70.3	70.5
50	66.7	69.9	72.0	72.6	73.0	73.4	73.8	74.2	74.3	74.6
63	70.0	73.2	75.3	76.0	76.4	76.9	77.3	77.6	77.8	78.0
80	72.8	76.1	78.2	78.9	79.4	79.8	80.2	80.6	80.7	81.0
100	74.8	78.2	80.4	81.1	81.5	82.0	82.4	82.8	82.9	83.2
125	75.9	79.3	81.5	82.2	82.7	83.2	83.6	84.0	84.1	84.4
160	76.8	80.1	82.3	83.0	83.5	84.1	84.5	84.9	85.0	85.2
200	77.6	80.9	83.2	83.9	84.4	85.0	85.5	85.8	85.9	86.2
250	78.7	82.1	84.3	85.1	85.6	86.2	86.7	87.0	87.1	87.3
315	79.6	83.0	85.3	86.1	86.6	87.2	87.7	88.0	88.1	88.3
400	80.2	83.8	86.1	86.9	87.4	88.0	88.5	88.8	88.9	89.1
500	80.4	84.1	86.5	87.3	87.8	88.4	88.9	89.2	89.4	89.6
630	80.5	84.2	86.7	87.5	88.0	88.5	89.0	89.4	89.5	89.8
800	80.7	84.4	86.9	87.7	88.2	88.7	89.2	89.6	89.7	90.0
1000	81.2	85.0	87.4	88.2	88.6	89.2	89.6	90.0	90.2	90.4
1250	81.8	85.6	88.1	88.8	89.3	89.8	90.2	90.6	90.8	91.1
1600	82.2	86.1	88.6	89.3	89.7	90.2	90.7	91.1	91.3	91.6
2000	81.7	85.7	88.2	88.9	89.3	89.7	90.2	90.6	90.8	91.2
2500	80.6	84.6	87.1	87.8	88.1	88.5	89.0	89.4	89.7	90.1
3150	78.9	83.0	85.5	86.1	86.5	86.8	87.2	87.7	88.0	88.4
4000	76.3	80.4	83.0	83.6	83.9	84.2	84.5	85.0	85.4	85.9
5000	72.2	76.5	79.2	79.8	80.0	80.3	80.6	81.1	81.6	82.1
6300	66.0	70.4	73.1	73.8	74.1	74.4	74.7	75.3	75.7	76.2
8000	57.1	61.5	64.3	65.0	65.4	65.7	66.1	66.6	67.1	67.6
10000	46.7	51.1	54.0	54.7	55.0	55.4	55.8	56.4	56.8	57.3

Tab. 7: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	54.5	54.7	54.8	54.6	54.4	54.3	54.2	54.1	54.1
25	60.7	60.9	61.0	60.8	60.6	60.4	60.4	60.3	60.3
31.5	66.1	66.4	66.4	66.2	66.0	65.9	65.8	65.7	65.7
40	70.8	71.1	71.2	71.0	70.8	70.6	70.6	70.5	70.5
50	74.9	75.2	75.3	75.1	74.9	74.7	74.7	74.6	74.6
63	78.4	78.7	78.8	78.6	78.4	78.2	78.2	78.1	78.1
80	81.3	81.7	81.7	81.6	81.3	81.2	81.1	81.0	81.0
100	83.5	83.9	83.9	83.7	83.5	83.3	83.2	83.2	83.1
125	84.7	85.0	85.0	84.8	84.4	84.3	84.2	84.1	84.1
160	85.5	85.8	85.7	85.4	85.1	84.9	84.8	84.7	84.7
200	86.4	86.6	86.5	86.2	85.8	85.6	85.4	85.4	85.4
250	87.6	87.7	87.6	87.3	86.9	86.6	86.5	86.5	86.4
315	88.6	88.7	88.5	88.2	87.8	87.5	87.4	87.4	87.3
400	89.4	89.5	89.4	89.0	88.6	88.4	88.3	88.2	88.2
500	89.9	90.1	90.0	89.7	89.3	89.1	89.1	89.1	89.0
630	90.1	90.4	90.4	90.2	90.0	89.8	89.8	89.9	89.9
800	90.3	90.8	90.8	90.8	90.6	90.6	90.6	90.8	90.9
1000	90.8	91.4	91.5	91.5	91.4	91.5	91.7	91.9	92.0
1250	91.4	92.1	92.3	92.4	92.5	92.7	92.9	93.1	93.2
1600	92.0	92.8	93.0	93.1	93.4	93.7	93.9	94.0	94.0
2000	91.6	92.4	92.8	93.0	93.5	93.7	93.7	93.6	93.6
2500	90.5	91.5	91.9	92.2	92.7	92.6	92.5	92.3	92.1
3150	88.9	90.0	90.5	90.9	91.0	90.7	90.4	90.2	90.0
4000	86.4	87.7	88.2	88.4	88.0	87.6	87.3	87.1	86.9
5000	82.7	84.0	84.3	84.3	83.6	83.2	82.9	82.6	82.4
6300	76.8	78.0	78.2	77.9	77.2	76.7	76.4	76.1	75.9
8000	68.2	69.2	69.3	69.0	68.2	67.6	67.3	67.0	66.7
10000	57.8	58.8	58.9	58.5	57.7	57.1	56.7	56.3	56.0

3.4 One-third octave band level E-138 EP3 E2-ST-111-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 8: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.2	50.8	52.3	52.7	53.1	53.5	53.8	54.1	54.2	54.4
25	54.1	56.7	58.3	58.8	59.2	59.6	60.0	60.2	60.4	60.6
31.5	59.1	62.0	63.7	64.2	64.5	65.0	65.3	65.6	65.8	66.0
40	63.5	66.5	68.3	68.8	69.2	69.7	70.0	70.3	70.5	70.7
50	67.3	70.4	72.2	72.8	73.2	73.7	74.1	74.4	74.5	74.7
63	70.5	73.7	75.6	76.2	76.6	77.1	77.5	77.8	78.0	78.2
80	73.3	76.6	78.5	79.1	79.6	80.1	80.5	80.8	81.0	81.2
100	75.4	78.7	80.7	81.3	81.7	82.2	82.7	83.0	83.1	83.4
125	76.5	79.8	81.8	82.4	82.9	83.4	83.8	84.2	84.3	84.6
160	77.3	80.6	82.6	83.2	83.7	84.3	84.7	85.0	85.2	85.4
200	78.2	81.4	83.5	84.1	84.6	85.2	85.7	86.0	86.1	86.3
250	79.3	82.6	84.6	85.3	85.8	86.4	86.9	87.2	87.3	87.5
315	80.2	83.5	85.6	86.3	86.8	87.4	87.9	88.2	88.3	88.5
400	80.8	84.2	86.4	87.1	87.6	88.2	88.7	88.9	89.1	89.3
500	81.0	84.6	86.8	87.5	88.0	88.6	89.1	89.4	89.5	89.7
630	81.1	84.7	87.0	87.6	88.1	88.7	89.2	89.5	89.7	89.9
800	81.3	84.9	87.2	87.8	88.3	88.9	89.4	89.7	89.8	90.1
1000	81.7	85.4	87.7	88.3	88.8	89.3	89.8	90.1	90.3	90.5
1250	82.3	86.1	88.3	88.9	89.4	89.9	90.3	90.7	90.9	91.2
1600	82.7	86.5	88.8	89.4	89.8	90.3	90.8	91.1	91.4	91.7
2000	82.2	86.0	88.3	88.9	89.3	89.8	90.2	90.6	90.9	91.2
2500	81.0	84.9	87.2	87.7	88.1	88.5	89.0	89.4	89.7	90.0
3150	79.2	83.2	85.5	85.9	86.3	86.7	87.1	87.5	87.9	88.3
4000	76.4	80.4	82.8	83.2	83.5	83.8	84.2	84.7	85.1	85.6
5000	72.1	76.3	78.7	79.1	79.4	79.7	80.0	80.6	81.0	81.5
6300	65.5	69.7	72.2	72.7	73.0	73.3	73.7	74.3	74.7	75.3
8000	55.8	60.1	62.7	63.3	63.6	64.0	64.4	64.9	65.4	65.9
10000	44.4	48.7	51.3	51.9	52.3	52.7	53.1	53.7	54.1	54.6

Tab. 9: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	54.7	54.9	54.9	54.7	54.5	54.4	54.3	54.3	54.2
25	60.9	61.1	61.1	60.9	60.6	60.5	60.4	60.4	60.4
31.5	66.3	66.5	66.5	66.3	66.1	66.0	65.9	65.9	65.8
40	71.0	71.3	71.3	71.1	70.8	70.7	70.6	70.6	70.6
50	75.1	75.4	75.4	75.2	74.9	74.8	74.7	74.7	74.7
63	78.6	78.9	78.9	78.7	78.4	78.3	78.2	78.2	78.2
80	81.6	81.9	81.8	81.6	81.4	81.3	81.2	81.2	81.1
100	83.8	84.1	84.0	83.8	83.5	83.4	83.3	83.3	83.3
125	84.9	85.2	85.0	84.8	84.5	84.4	84.3	84.2	84.2
160	85.7	85.9	85.7	85.4	85.1	84.9	84.9	84.8	84.8
200	86.6	86.7	86.5	86.2	85.8	85.6	85.5	85.5	85.5
250	87.8	87.9	87.6	87.2	86.8	86.7	86.6	86.5	86.5
315	88.8	88.8	88.5	88.1	87.7	87.6	87.5	87.4	87.4
400	89.6	89.6	89.4	89.0	88.6	88.4	88.3	88.3	88.3
500	90.0	90.2	90.0	89.7	89.3	89.2	89.1	89.1	89.2
630	90.3	90.6	90.5	90.2	89.9	89.9	89.9	90.0	90.1
800	90.5	90.9	90.9	90.8	90.6	90.7	90.7	90.9	91.0
1000	91.0	91.5	91.6	91.5	91.5	91.6	91.8	92.0	92.1
1250	91.7	92.3	92.4	92.4	92.6	92.8	93.0	93.2	93.3
1600	92.2	92.9	93.1	93.3	93.6	93.8	93.9	94.0	94.0
2000	91.8	92.5	92.8	93.1	93.6	93.7	93.6	93.6	93.4
2500	90.7	91.5	91.9	92.3	92.6	92.4	92.3	92.1	91.9
3150	89.0	90.0	90.4	90.8	90.7	90.3	90.1	89.9	89.7
4000	86.4	87.5	87.9	87.9	87.4	87.0	86.8	86.6	86.4
5000	82.4	83.5	83.7	83.4	82.7	82.3	82.1	81.9	81.7
6300	76.1	77.0	77.0	76.5	75.9	75.4	75.1	74.9	74.7
8000	66.7	67.4	67.4	66.9	66.1	65.7	65.3	65.1	64.8
10000	55.3	56.1	56.0	55.4	54.6	54.1	53.7	53.4	53.1

3.5 One-third octave band level E-138 EP3 E2-ST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 10: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-	-

Tab. 11: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-

3.6 One-third octave band level E-138 EP3 E2-ST-131-FB-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 12: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-	-

Tab. 13: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-

3.7 One-third octave band level E-138 EP3 E2-HST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 14: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-	-

Tab. 15: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-

3.8 One-third octave band level E-138 EP3 E2-HT-149-ES-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 16: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.3	51.6	52.8	53.2	53.5	53.9	54.3	54.4	54.6	54.9
25	55.1	57.6	58.9	59.3	59.6	60.0	60.4	60.6	60.8	61.0
31.5	60.2	62.9	64.2	64.6	65.0	65.4	65.8	66.0	66.2	66.5
40	64.6	67.4	68.8	69.2	69.6	70.1	70.5	70.7	70.9	71.2
50	68.4	71.3	72.8	73.2	73.6	74.1	74.5	74.7	74.9	75.3
63	71.7	74.7	76.2	76.7	77.1	77.6	78.0	78.2	78.4	78.7
80	74.5	77.6	79.1	79.6	80.0	80.5	80.9	81.1	81.4	81.7
100	76.6	79.7	81.3	81.7	82.2	82.7	83.1	83.3	83.6	83.9
125	77.7	80.8	82.4	82.9	83.3	83.9	84.3	84.5	84.7	85.0
160	78.5	81.6	83.2	83.7	84.2	84.7	85.2	85.4	85.6	85.9
200	79.3	82.4	84.0	84.6	85.1	85.7	86.1	86.3	86.5	86.8
250	80.4	83.5	85.2	85.7	86.2	86.8	87.3	87.5	87.7	87.9
315	81.3	84.5	86.2	86.7	87.2	87.8	88.3	88.5	88.6	88.9
400	81.9	85.2	86.9	87.5	88.0	88.6	89.0	89.2	89.4	89.6
500	82.1	85.6	87.3	87.8	88.4	89.0	89.4	89.6	89.8	90.1
630	82.2	85.7	87.5	88.0	88.5	89.1	89.5	89.7	90.0	90.2
800	82.4	85.9	87.6	88.1	88.6	89.2	89.6	89.9	90.1	90.4
1000	82.8	86.3	88.1	88.6	89.0	89.6	90.0	90.3	90.5	90.9
1250	83.4	86.9	88.7	89.1	89.6	90.1	90.5	90.8	91.1	91.4
1600	83.7	87.3	89.1	89.5	89.9	90.4	90.9	91.2	91.5	91.9
2000	83.1	86.7	88.5	88.9	89.3	89.8	90.2	90.5	90.9	91.3
2500	81.7	85.4	87.1	87.5	87.9	88.3	88.8	89.1	89.5	90.0
3150	79.7	83.4	85.1	85.4	85.8	86.2	86.7	87.0	87.5	88.0
4000	76.4	80.2	82.0	82.2	82.5	82.9	83.3	83.8	84.3	84.8
5000	71.5	75.4	77.2	77.4	77.7	78.0	78.5	79.0	79.5	80.1
6300	63.7	67.7	69.6	69.9	70.2	70.5	71.0	71.6	72.1	72.7
8000	52.3	56.4	58.3	58.7	59.0	59.4	59.9	60.4	61.0	61.6
10000	38.4	42.4	44.4	44.8	45.1	45.6	46.1	46.6	47.1	47.7

Tab. 17: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.1	55.3	55.1	54.9	54.8	54.7	54.6	54.6	54.5
25	61.3	61.4	61.3	61.0	60.9	60.8	60.8	60.7	60.7
31.5	66.8	66.9	66.7	66.5	66.4	66.3	66.2	66.2	66.1
40	71.5	71.7	71.5	71.2	71.1	71.0	71.0	70.9	70.9
50	75.6	75.8	75.6	75.3	75.2	75.1	75.1	75.0	75.0
63	79.1	79.3	79.1	78.8	78.7	78.6	78.6	78.5	78.5
80	82.1	82.2	82.1	81.8	81.7	81.6	81.5	81.5	81.4
100	84.3	84.4	84.2	83.9	83.8	83.7	83.6	83.6	83.6
125	85.4	85.4	85.2	84.9	84.7	84.6	84.6	84.5	84.5
160	86.2	86.1	85.9	85.5	85.3	85.2	85.1	85.1	85.1
200	87.0	86.9	86.6	86.2	86.0	85.9	85.8	85.8	85.8
250	88.1	88.0	87.7	87.3	87.0	86.9	86.8	86.8	86.8
315	89.1	88.9	88.6	88.1	87.9	87.8	87.7	87.7	87.7
400	89.9	89.7	89.4	89.0	88.7	88.6	88.5	88.6	88.6
500	90.4	90.3	90.0	89.7	89.5	89.4	89.3	89.4	89.4
630	90.7	90.7	90.5	90.3	90.1	90.1	90.2	90.3	90.3
800	91.0	91.1	91.0	90.8	90.8	90.9	91.0	91.2	91.3
1000	91.5	91.7	91.7	91.6	91.7	91.9	92.1	92.3	92.4
1250	92.2	92.5	92.5	92.6	92.8	93.0	93.2	93.3	93.4
1600	92.7	93.0	93.2	93.5	93.8	93.9	94.0	94.0	94.0
2000	92.2	92.6	92.8	93.4	93.6	93.5	93.5	93.3	93.2
2500	91.0	91.5	91.8	92.3	92.2	92.0	91.8	91.6	91.5
3150	89.1	89.7	90.1	90.2	89.8	89.6	89.4	89.2	89.0
4000	86.1	86.7	86.9	86.5	86.1	85.8	85.6	85.4	85.2
5000	81.5	81.9	81.8	81.1	80.7	80.4	80.2	79.9	79.7
6300	73.9	74.2	73.9	73.2	72.7	72.3	72.1	71.8	71.6
8000	62.6	62.8	62.5	61.7	61.1	60.7	60.4	60.2	59.9
10000	48.7	48.9	48.5	47.6	47.0	46.6	46.2	45.9	45.6

3.9 One-third octave band level E-138 EP3 E2-HT-160-ES-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 18: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.5	51.8	52.9	53.3	53.7	54.0	54.4	54.5	54.7	55.0
25	55.3	57.8	59.0	59.3	59.8	60.1	60.5	60.6	60.9	61.2
31.5	60.4	63.1	64.3	64.7	65.1	65.5	65.9	66.0	66.3	66.6
40	64.9	67.7	69.0	69.3	69.8	70.2	70.6	70.7	71.0	71.3
50	68.7	71.6	72.9	73.3	73.8	74.2	74.6	74.8	75.1	75.4
63	72.0	75.0	76.3	76.7	77.2	77.7	78.1	78.3	78.5	78.9
80	74.8	77.8	79.2	79.7	80.1	80.6	81.0	81.2	81.5	81.8
100	76.8	79.9	81.4	81.8	82.3	82.8	83.2	83.4	83.7	84.0
125	77.9	81.0	82.5	83.0	83.5	84.0	84.4	84.6	84.8	85.2
160	78.7	81.8	83.3	83.8	84.3	84.8	85.3	85.4	85.7	86.0
200	79.5	82.7	84.2	84.7	85.2	85.8	86.2	86.4	86.6	86.9
250	80.7	83.8	85.3	85.9	86.4	86.9	87.4	87.5	87.7	88.0
315	81.5	84.7	86.3	86.8	87.3	87.9	88.3	88.5	88.7	89.0
400	82.1	85.4	87.0	87.6	88.1	88.7	89.1	89.3	89.5	89.8
500	82.4	85.8	87.4	87.9	88.5	89.1	89.5	89.7	89.9	90.2
630	82.4	85.9	87.5	88.1	88.6	89.2	89.6	89.8	90.0	90.3
800	82.6	86.1	87.7	88.2	88.7	89.3	89.7	89.9	90.2	90.5
1000	83.0	86.6	88.2	88.6	89.1	89.6	90.1	90.3	90.6	90.9
1250	83.6	87.1	88.7	89.2	89.6	90.1	90.6	90.8	91.1	91.5
1600	83.9	87.5	89.1	89.5	90.0	90.5	90.9	91.2	91.5	91.9
2000	83.3	86.9	88.5	88.8	89.3	89.8	90.3	90.5	90.9	91.3
2500	81.8	85.5	87.1	87.4	87.8	88.3	88.8	89.1	89.5	89.9
3150	79.7	83.4	85.0	85.3	85.6	86.0	86.6	86.9	87.3	87.9
4000	76.3	80.1	81.7	81.9	82.2	82.5	83.1	83.5	84.0	84.6
5000	71.2	75.1	76.7	76.9	77.2	77.5	78.0	78.5	79.1	79.7
6300	63.1	67.1	68.8	69.1	69.4	69.7	70.3	70.8	71.3	72.0
8000	51.2	55.3	57.0	57.3	57.7	58.0	58.6	59.1	59.7	60.3
10000	36.5	40.6	42.3	42.7	43.1	43.5	44.1	44.5	45.1	45.7

Tab. 19: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.3	55.3	55.2	55.0	54.8	54.8	54.7	54.7	54.7
25	61.4	61.5	61.3	61.1	61.0	60.9	60.9	60.8	60.8
31.5	66.9	67.0	66.8	66.6	66.4	66.4	66.3	66.3	66.3
40	71.7	71.7	71.5	71.3	71.2	71.1	71.1	71.0	71.0
50	75.8	75.8	75.6	75.4	75.3	75.2	75.2	75.1	75.1
63	79.3	79.3	79.1	78.9	78.8	78.7	78.7	78.6	78.6
80	82.2	82.3	82.1	81.9	81.7	81.7	81.6	81.6	81.6
100	84.4	84.4	84.3	84.0	83.9	83.8	83.7	83.7	83.7
125	85.5	85.5	85.3	85.0	84.8	84.7	84.7	84.6	84.6
160	86.3	86.2	85.9	85.5	85.4	85.3	85.2	85.2	85.2
200	87.1	86.9	86.6	86.2	86.1	85.9	85.9	85.9	85.9
250	88.2	88.0	87.7	87.3	87.1	87.0	86.9	86.9	86.9
315	89.1	88.9	88.6	88.1	88.0	87.8	87.8	87.8	87.8
400	89.9	89.7	89.4	89.0	88.8	88.7	88.6	88.6	88.7
500	90.5	90.3	90.0	89.7	89.5	89.4	89.4	89.4	89.5
630	90.8	90.7	90.5	90.3	90.2	90.2	90.2	90.3	90.4
800	91.1	91.1	91.0	90.9	90.9	91.0	91.1	91.2	91.4
1000	91.6	91.7	91.7	91.7	91.8	92.0	92.2	92.3	92.5
1250	92.3	92.5	92.5	92.7	92.9	93.1	93.3	93.4	93.5
1600	92.8	93.0	93.2	93.6	93.8	94.0	94.0	94.0	94.0
2000	92.2	92.6	92.9	93.4	93.5	93.5	93.4	93.3	93.2
2500	91.0	91.4	91.9	92.2	92.1	91.9	91.7	91.5	91.4
3150	89.1	89.6	90.0	89.9	89.6	89.3	89.2	89.0	88.8
4000	85.9	86.5	86.6	86.1	85.7	85.4	85.3	85.0	84.9
5000	81.0	81.4	81.2	80.5	80.1	79.8	79.6	79.4	79.2
6300	73.2	73.4	73.0	72.2	71.8	71.5	71.2	71.0	70.8
8000	61.3	61.4	61.0	60.2	59.7	59.3	59.1	58.8	58.5
10000	46.7	46.7	46.2	45.4	44.8	44.4	44.1	43.7	43.5

4 Operating mode 101.5 dB

4.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 20: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	50.7	51.4	51.8	52.0	52.3	52.6	52.9	53.0	53.2	53.2	53.4
25	56.6	57.4	57.8	58.0	58.4	58.7	58.9	59.1	59.2	59.3	59.4
31.5	61.8	62.7	63.0	63.3	63.7	64.0	64.2	64.4	64.6	64.6	64.8
40	66.3	67.2	67.6	67.9	68.2	68.6	68.8	69.0	69.2	69.2	69.4
50	70.2	71.1	71.5	71.8	72.2	72.5	72.8	73.0	73.2	73.2	73.4
63	73.5	74.5	74.9	75.2	75.6	75.9	76.2	76.4	76.6	76.6	76.8
80	76.4	77.4	77.8	78.1	78.5	78.8	79.1	79.3	79.5	79.6	79.7
100	78.5	79.5	79.9	80.2	80.6	81.0	81.3	81.5	81.6	81.7	81.9
125	79.6	80.6	81.0	81.4	81.8	82.1	82.4	82.6	82.8	82.9	83.1
160	80.4	81.4	81.8	82.2	82.6	83.0	83.3	83.5	83.7	83.7	83.9
200	81.2	82.3	82.7	83.1	83.5	83.9	84.2	84.4	84.6	84.6	84.8
250	82.4	83.4	83.9	84.2	84.7	85.1	85.4	85.6	85.7	85.8	85.9
315	83.3	84.4	84.8	85.2	85.6	86.1	86.4	86.5	86.7	86.8	86.9
400	84.0	85.1	85.5	85.9	86.3	86.8	87.1	87.3	87.4	87.5	87.6
500	84.3	85.4	85.9	86.2	86.7	87.1	87.4	87.6	87.8	87.8	88.0
630	84.4	85.6	86.0	86.3	86.8	87.2	87.5	87.7	87.9	87.9	88.1
800	84.6	85.7	86.2	86.5	86.9	87.3	87.6	87.8	88.0	88.1	88.2
1000	85.1	86.2	86.6	86.9	87.3	87.7	88.0	88.2	88.4	88.5	88.7
1250	85.7	86.8	87.2	87.5	87.9	88.3	88.6	88.8	89.0	89.1	89.3
1600	86.1	87.2	87.6	87.9	88.3	88.6	88.9	89.2	89.4	89.5	89.7
2000	85.6	86.7	87.0	87.3	87.6	88.0	88.3	88.6	88.8	88.9	89.2
2500	84.3	85.4	85.7	86.0	86.3	86.6	86.9	87.2	87.4	87.6	87.9
3150	82.4	83.5	83.8	84.0	84.3	84.6	84.9	85.2	85.4	85.6	85.9
4000	79.5	80.5	80.8	81.0	81.2	81.4	81.7	82.0	82.4	82.6	82.9
5000	74.9	76.0	76.3	76.4	76.7	76.9	77.1	77.5	77.9	78.1	78.5
6300	67.8	68.9	69.2	69.4	69.7	69.9	70.1	70.5	70.9	71.2	71.6
8000	57.2	58.4	58.8	59.0	59.3	59.5	59.8	60.2	60.6	60.8	61.2

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	44.5	45.7	46.1	46.3	46.6	46.9	47.1	47.5	47.9	48.2	48.5

Tab. 21: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	53.5	53.6	53.7	54.1	54.2	54.4	54.5	54.3	54.2	54.1
25	59.6	59.7	59.8	60.2	60.3	60.5	60.6	60.4	60.3	60.2
31.5	64.9	65.1	65.1	65.6	65.7	65.9	66.0	65.8	65.7	65.6
40	69.6	69.7	69.8	70.2	70.4	70.6	70.7	70.5	70.4	70.3
50	73.5	73.7	73.8	74.2	74.5	74.6	74.7	74.6	74.4	74.3
63	77.0	77.1	77.2	77.7	77.9	78.1	78.2	78.0	77.9	77.8
80	79.9	80.1	80.2	80.6	80.9	81.0	81.1	81.0	80.8	80.7
100	82.1	82.2	82.3	82.8	83.1	83.2	83.3	83.1	82.9	82.8
125	83.2	83.4	83.4	83.9	84.1	84.2	84.3	84.1	83.9	83.7
160	84.1	84.2	84.3	84.7	84.8	84.9	85.0	84.7	84.5	84.3
200	84.9	85.1	85.1	85.5	85.6	85.7	85.7	85.4	85.2	85.0
250	86.1	86.2	86.2	86.7	86.7	86.8	86.7	86.4	86.2	86.0
315	87.0	87.2	87.2	87.6	87.7	87.7	87.6	87.3	87.1	86.9
400	87.8	87.9	87.9	88.3	88.4	88.5	88.4	88.1	87.9	87.7
500	88.2	88.3	88.3	88.8	89.0	89.0	89.0	88.8	88.6	88.4
630	88.3	88.4	88.5	89.0	89.3	89.4	89.5	89.3	89.1	89.1
800	88.4	88.6	88.7	89.2	89.6	89.8	89.9	89.8	89.7	89.7
1000	88.9	89.1	89.2	89.7	90.2	90.4	90.6	90.5	90.5	90.6
1250	89.5	89.7	89.8	90.3	90.9	91.2	91.4	91.4	91.5	91.7
1600	89.9	90.2	90.3	90.8	91.5	91.8	92.1	92.2	92.5	92.7
2000	89.4	89.7	89.8	90.4	91.1	91.4	91.8	92.0	92.4	92.6
2500	88.1	88.4	88.6	89.2	90.0	90.4	90.8	91.2	91.4	91.3
3150	86.2	86.5	86.8	87.4	88.3	88.8	89.2	89.5	89.4	89.1
4000	83.3	83.6	83.9	84.5	85.6	86.0	86.3	86.3	85.9	85.6
5000	78.8	79.2	79.5	80.1	81.1	81.5	81.7	81.3	80.8	80.5
6300	71.9	72.3	72.5	73.2	74.0	74.2	74.3	73.9	73.4	73.0
8000	61.5	61.9	62.1	62.7	63.5	63.7	63.7	63.3	62.7	62.3
10000	48.9	49.2	49.4	50.0	50.8	51.0	51.0	50.5	49.9	49.4

4.2 One-third octave band level E-138 EP3 E2-ST-81-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 22: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.2	49.9	51.1	51.5	51.9	52.3	52.6	52.8	52.9	53.1
25	53.0	55.8	57.1	57.5	57.9	58.4	58.6	58.8	58.9	59.2
31.5	58.0	61.0	62.3	62.8	63.2	63.7	63.9	64.2	64.3	64.5
40	62.4	65.4	66.9	67.3	67.8	68.3	68.5	68.8	68.9	69.1
50	66.1	69.3	70.8	71.3	71.8	72.2	72.5	72.8	72.9	73.1
63	69.3	72.6	74.1	74.6	75.1	75.6	75.9	76.2	76.3	76.6
80	72.1	75.5	77.0	77.5	78.0	78.5	78.8	79.1	79.2	79.5
100	74.2	77.6	79.1	79.7	80.2	80.7	81.0	81.3	81.4	81.7
125	75.3	78.7	80.3	80.8	81.4	81.9	82.2	82.4	82.6	82.8
160	76.1	79.5	81.1	81.7	82.2	82.8	83.1	83.3	83.4	83.6
200	77.0	80.3	82.0	82.6	83.1	83.7	84.0	84.2	84.4	84.5
250	78.1	81.5	83.1	83.7	84.3	84.9	85.2	85.4	85.5	85.7
315	79.0	82.4	84.1	84.7	85.3	85.9	86.2	86.4	86.5	86.7
400	79.5	83.2	84.9	85.5	86.0	86.6	87.0	87.2	87.3	87.4
500	79.8	83.5	85.2	85.8	86.4	87.0	87.3	87.5	87.7	87.8
630	79.8	83.6	85.4	85.9	86.5	87.1	87.5	87.7	87.8	88.0
800	80.0	83.8	85.6	86.2	86.7	87.3	87.6	87.8	88.0	88.2
1000	80.5	84.4	86.1	86.6	87.2	87.7	88.1	88.3	88.5	88.7
1250	81.1	85.0	86.8	87.3	87.8	88.3	88.6	88.9	89.1	89.4
1600	81.6	85.5	87.3	87.8	88.3	88.8	89.1	89.4	89.6	90.0
2000	81.2	85.1	86.9	87.3	87.8	88.3	88.6	89.0	89.2	89.6
2500	80.1	84.1	85.9	86.3	86.7	87.2	87.5	87.9	88.2	88.5
3150	78.5	82.6	84.3	84.7	85.1	85.5	85.8	86.3	86.6	87.0
4000	76.1	80.2	82.0	82.3	82.6	83.0	83.3	83.8	84.2	84.7
5000	72.3	76.6	78.4	78.7	79.0	79.3	79.7	80.2	80.6	81.2
6300	66.4	70.8	72.7	73.1	73.4	73.8	74.2	74.7	75.1	75.7
8000	58.2	62.6	64.6	65.0	65.4	65.8	66.2	66.7	67.1	67.6
10000	48.8	53.2	55.2	55.6	56.0	56.4	56.9	57.4	57.8	58.3

Tab. 23: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	53.2	53.6	53.8	53.9	53.8	53.6	53.5	53.5	53.4
25	59.3	59.7	59.9	60.1	60.0	59.7	59.6	59.6	59.5
31.5	64.7	65.0	65.3	65.5	65.4	65.1	65.0	65.0	64.9
40	69.3	69.7	70.0	70.2	70.1	69.8	69.7	69.7	69.6
50	73.3	73.7	74.0	74.2	74.1	73.9	73.8	73.7	73.7
63	76.8	77.1	77.5	77.7	77.6	77.3	77.2	77.2	77.2
80	79.7	80.1	80.5	80.6	80.5	80.3	80.2	80.1	80.1
100	81.9	82.2	82.6	82.8	82.6	82.4	82.3	82.2	82.2
125	83.0	83.4	83.7	83.8	83.6	83.4	83.2	83.2	83.1
160	83.8	84.2	84.4	84.5	84.3	84.0	83.8	83.8	83.7
200	84.7	85.0	85.3	85.3	85.0	84.7	84.5	84.4	84.4
250	85.9	86.2	86.4	86.4	86.1	85.7	85.6	85.5	85.5
315	86.8	87.1	87.3	87.3	87.0	86.6	86.5	86.4	86.4
400	87.6	87.9	88.1	88.1	87.8	87.5	87.3	87.2	87.2
500	88.0	88.3	88.7	88.7	88.5	88.2	88.1	88.0	88.1
630	88.2	88.6	89.0	89.2	89.0	88.8	88.8	88.8	88.9
800	88.4	88.8	89.4	89.6	89.6	89.5	89.5	89.6	89.8
1000	88.9	89.4	90.0	90.3	90.3	90.3	90.5	90.7	90.9
1250	89.7	90.1	90.8	91.2	91.3	91.4	91.7	91.9	92.1
1600	90.2	90.7	91.5	91.9	92.1	92.5	92.8	92.9	93.0
2000	89.9	90.4	91.3	91.7	92.1	92.6	92.7	92.6	92.6
2500	88.9	89.4	90.4	91.0	91.5	91.7	91.6	91.4	91.2
3150	87.4	88.0	89.1	89.7	90.2	90.0	89.6	89.4	89.2
4000	85.1	85.7	87.0	87.5	87.6	87.1	86.7	86.5	86.3
5000	81.6	82.3	83.4	83.8	83.6	83.0	82.6	82.3	82.1
6300	76.1	76.8	77.8	78.0	77.6	77.0	76.5	76.2	76.0
8000	68.1	68.7	69.6	69.7	69.3	68.6	68.1	67.8	67.6
10000	58.7	59.3	60.2	60.3	59.9	59.1	58.6	58.2	57.9

4.3 One-third octave band level E-138 EP3 E2-ST-96-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 24: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.8	50.4	51.3	51.7	52.1	52.5	52.8	52.9	53.1	53.3
25	53.5	56.3	57.3	57.7	58.2	58.6	58.8	59.0	59.2	59.4
31.5	58.6	61.5	62.5	63.0	63.5	63.9	64.1	64.3	64.5	64.7
40	63.0	66.0	67.1	67.5	68.1	68.5	68.7	68.9	69.1	69.4
50	66.7	69.9	71.0	71.5	72.0	72.5	72.7	72.9	73.1	73.4
63	70.0	73.2	74.4	74.9	75.4	75.8	76.1	76.3	76.5	76.8
80	72.8	76.1	77.2	77.7	78.3	78.8	79.0	79.2	79.5	79.7
100	74.8	78.2	79.4	79.9	80.5	80.9	81.2	81.4	81.6	81.9
125	75.9	79.3	80.5	81.0	81.6	82.1	82.4	82.6	82.8	83.0
160	76.8	80.1	81.3	81.9	82.5	83.0	83.3	83.4	83.6	83.9
200	77.6	80.9	82.2	82.8	83.4	83.9	84.2	84.4	84.5	84.7
250	78.7	82.1	83.4	83.9	84.6	85.1	85.4	85.5	85.7	85.9
315	79.6	83.0	84.3	84.9	85.5	86.1	86.4	86.5	86.7	86.9
400	80.2	83.8	85.1	85.6	86.3	86.8	87.1	87.3	87.4	87.6
500	80.4	84.1	85.4	86.0	86.6	87.2	87.5	87.6	87.8	88.0
630	80.5	84.2	85.6	86.1	86.7	87.3	87.6	87.7	87.9	88.2
800	80.7	84.4	85.8	86.3	86.9	87.4	87.7	87.9	88.1	88.4
1000	81.2	85.0	86.3	86.8	87.4	87.9	88.2	88.4	88.6	88.9
1250	81.8	85.6	86.9	87.4	88.0	88.5	88.8	89.0	89.2	89.5
1600	82.2	86.1	87.4	87.9	88.4	88.9	89.2	89.5	89.8	90.1
2000	81.7	85.7	86.9	87.4	87.9	88.4	88.7	89.0	89.3	89.7
2500	80.6	84.6	85.8	86.2	86.7	87.1	87.5	87.8	88.2	88.6
3150	78.9	83.0	84.2	84.5	85.0	85.4	85.7	86.1	86.5	86.9
4000	76.3	80.4	81.6	81.9	82.3	82.6	83.1	83.5	83.9	84.4
5000	72.2	76.5	77.7	78.0	78.4	78.7	79.2	79.6	80.1	80.7
6300	66.0	70.4	71.7	72.0	72.4	72.7	73.2	73.7	74.2	74.7
8000	57.1	61.5	62.9	63.2	63.7	64.0	64.5	65.0	65.5	66.0
10000	46.7	51.1	52.5	52.9	53.3	53.7	54.2	54.7	55.2	55.7

Tab. 25: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	53.4	53.8	54.0	54.1	53.9	53.7	53.6	53.6	53.6
25	59.5	59.9	60.1	60.2	60.0	59.8	59.7	59.7	59.7
31.5	64.8	65.3	65.5	65.6	65.4	65.2	65.1	65.1	65.1
40	69.5	70.0	70.2	70.3	70.1	69.9	69.8	69.8	69.8
50	73.5	74.0	74.3	74.4	74.2	74.0	73.9	73.8	73.8
63	76.9	77.4	77.7	77.8	77.6	77.5	77.3	77.3	77.3
80	79.9	80.4	80.7	80.8	80.6	80.4	80.3	80.2	80.2
100	82.0	82.5	82.8	82.9	82.7	82.5	82.4	82.3	82.3
125	83.2	83.7	83.9	83.9	83.6	83.4	83.3	83.3	83.3
160	84.0	84.5	84.6	84.6	84.3	84.0	83.9	83.9	83.9
200	84.8	85.3	85.4	85.4	85.0	84.7	84.6	84.6	84.5
250	86.0	86.4	86.5	86.4	86.0	85.8	85.7	85.6	85.6
315	86.9	87.4	87.4	87.3	86.9	86.6	86.6	86.5	86.4
400	87.7	88.2	88.2	88.1	87.7	87.5	87.4	87.3	87.3
500	88.1	88.6	88.8	88.8	88.4	88.2	88.2	88.1	88.1
630	88.3	88.9	89.2	89.3	89.0	88.9	88.9	88.9	89.0
800	88.5	89.1	89.5	89.7	89.6	89.5	89.7	89.8	89.9
1000	89.0	89.7	90.2	90.4	90.4	90.5	90.7	90.8	91.0
1250	89.7	90.4	91.0	91.3	91.4	91.6	91.8	92.0	92.2
1600	90.3	91.0	91.7	92.1	92.3	92.7	92.9	92.9	93.0
2000	89.9	90.7	91.4	91.9	92.3	92.6	92.6	92.6	92.5
2500	88.9	89.7	90.5	91.1	91.6	91.6	91.4	91.2	91.0
3150	87.3	88.2	89.2	89.7	89.9	89.6	89.3	89.1	88.9
4000	84.8	85.7	86.8	87.3	87.0	86.5	86.2	86.0	85.8
5000	81.1	82.0	83.0	83.2	82.6	82.1	81.8	81.5	81.3
6300	75.1	76.0	76.8	76.8	76.2	75.7	75.3	75.0	74.8
8000	66.4	67.2	67.9	67.9	67.2	66.6	66.2	65.9	65.6
10000	56.0	56.8	57.5	57.5	56.7	56.0	55.6	55.2	54.9

4.4 One-third octave band level E-138 EP3 E2-ST-111-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 26: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.2	50.6	51.5	51.9	52.4	52.7	52.9	53.1	53.3	53.4
25	54.1	56.6	57.5	57.9	58.4	58.8	59.0	59.1	59.3	59.5
31.5	59.1	61.8	62.8	63.2	63.7	64.1	64.3	64.5	64.7	64.9
40	63.5	66.3	67.3	67.7	68.3	68.7	68.9	69.1	69.3	69.5
50	67.3	70.2	71.2	71.7	72.2	72.7	72.9	73.1	73.3	73.5
63	70.5	73.5	74.6	75.1	75.6	76.1	76.3	76.5	76.7	76.9
80	73.3	76.4	77.5	77.9	78.5	79.0	79.2	79.4	79.6	79.9
100	75.4	78.5	79.6	80.1	80.7	81.1	81.4	81.6	81.8	82.0
125	76.5	79.6	80.7	81.2	81.8	82.3	82.6	82.7	83.0	83.2
160	77.3	80.4	81.5	82.1	82.7	83.2	83.4	83.6	83.8	84.0
200	78.2	81.3	82.4	83.0	83.6	84.1	84.3	84.5	84.7	84.9
250	79.3	82.4	83.6	84.1	84.8	85.3	85.5	85.7	85.9	86.0
315	80.2	83.4	84.5	85.1	85.7	86.3	86.5	86.6	86.8	87.0
400	80.8	84.1	85.2	85.8	86.5	87.0	87.2	87.4	87.6	87.8
500	81.0	84.4	85.6	86.2	86.8	87.4	87.6	87.7	87.9	88.2
630	81.1	84.5	85.7	86.3	86.9	87.5	87.7	87.8	88.1	88.3
800	81.3	84.7	85.9	86.5	87.1	87.6	87.8	88.0	88.3	88.5
1000	81.7	85.2	86.4	86.9	87.5	88.0	88.3	88.4	88.7	89.0
1250	82.3	85.9	87.0	87.5	88.1	88.6	88.8	89.1	89.3	89.6
1600	82.7	86.3	87.5	87.9	88.5	89.0	89.3	89.5	89.8	90.1
2000	82.2	85.8	87.0	87.4	87.9	88.4	88.7	89.0	89.3	89.7
2500	81.0	84.7	85.8	86.2	86.7	87.1	87.5	87.8	88.1	88.5
3150	79.2	83.0	84.0	84.3	84.8	85.2	85.6	86.0	86.4	86.8
4000	76.4	80.2	81.3	81.5	81.9	82.3	82.7	83.2	83.6	84.1
5000	72.1	76.0	77.1	77.4	77.8	78.1	78.6	79.0	79.6	80.1
6300	65.5	69.5	70.6	70.9	71.3	71.7	72.2	72.7	73.2	73.7
8000	55.8	59.9	61.1	61.5	61.9	62.3	62.8	63.3	63.8	64.3
10000	44.4	48.5	49.7	50.1	50.6	51.0	51.5	52.0	52.5	52.9

Tab. 27: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	53.6	54.0	54.2	54.2	54.0	53.8	53.8	53.7	53.7
25	59.7	60.1	60.3	60.3	60.1	59.9	59.9	59.8	59.8
31.5	65.1	65.5	65.7	65.7	65.5	65.3	65.3	65.2	65.2
40	69.7	70.2	70.4	70.4	70.2	70.0	70.0	69.9	69.9
50	73.7	74.2	74.5	74.4	74.2	74.1	74.0	74.0	73.9
63	77.2	77.7	77.9	77.9	77.7	77.5	77.5	77.4	77.4
80	80.1	80.7	80.9	80.9	80.6	80.5	80.4	80.4	80.3
100	82.3	82.8	83.0	83.0	82.7	82.6	82.5	82.5	82.4
125	83.4	83.9	84.1	84.0	83.7	83.5	83.4	83.4	83.4
160	84.2	84.7	84.8	84.6	84.3	84.1	84.0	84.0	84.0
200	85.1	85.5	85.6	85.3	85.0	84.8	84.7	84.7	84.6
250	86.2	86.6	86.6	86.4	86.0	85.8	85.7	85.7	85.7
315	87.1	87.5	87.5	87.3	86.9	86.7	86.6	86.6	86.5
400	87.9	88.3	88.3	88.1	87.7	87.6	87.5	87.4	87.4
500	88.3	88.8	88.9	88.7	88.4	88.3	88.2	88.2	88.2
630	88.5	89.1	89.3	89.3	89.0	89.0	89.0	89.0	89.1
800	88.7	89.4	89.7	89.8	89.6	89.7	89.8	89.9	90.0
1000	89.2	90.0	90.4	90.5	90.5	90.6	90.8	91.0	91.1
1250	89.9	90.7	91.2	91.4	91.5	91.7	92.0	92.1	92.2
1600	90.5	91.3	91.8	92.1	92.5	92.8	92.9	93.0	93.0
2000	90.0	91.0	91.5	92.0	92.5	92.6	92.6	92.5	92.4
2500	88.9	89.9	90.6	91.2	91.5	91.4	91.2	91.0	90.8
3150	87.2	88.4	89.2	89.7	89.6	89.3	89.0	88.8	88.6
4000	84.6	85.8	86.6	86.9	86.4	86.0	85.7	85.5	85.3
5000	80.6	81.8	82.4	82.3	81.7	81.3	81.0	80.8	80.6
6300	74.2	75.3	75.7	75.5	74.8	74.4	74.1	73.8	73.6
8000	64.7	65.7	66.1	65.9	65.1	64.6	64.2	63.9	63.7
10000	53.4	54.4	54.7	54.4	53.6	53.0	52.6	52.3	52.0

4.5 One-third octave band level E-138 EP3 E2-ST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 28: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-	-

Tab. 29: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-

4.6 One-third octave band level E-138 EP3 E2-ST-131-FB-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 30: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-	-

Tab. 31: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-

4.7 One-third octave band level E-138 EP3 E2-HST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 32: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-	-

Tab. 33: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-

4.8 One-third octave band level E-138 EP3 E2-HT-149-ES-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 34: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.3	51.2	51.9	52.3	52.8	53.1	53.3	53.5	53.7	53.8
25	55.1	57.2	58.0	58.4	58.9	59.1	59.4	59.5	59.7	59.9
31.5	60.2	62.5	63.2	63.6	64.2	64.4	64.7	64.9	65.1	65.2
40	64.6	67.0	67.8	68.2	68.8	69.1	69.3	69.5	69.7	69.9
50	68.4	70.9	71.7	72.2	72.7	73.0	73.3	73.5	73.7	73.9
63	71.7	74.2	75.1	75.5	76.1	76.4	76.7	76.9	77.2	77.3
80	74.5	77.1	78.0	78.4	79.0	79.3	79.6	79.8	80.1	80.3
100	76.6	79.2	80.1	80.6	81.2	81.5	81.8	82.0	82.2	82.4
125	77.7	80.3	81.2	81.7	82.3	82.7	82.9	83.1	83.4	83.6
160	78.5	81.1	82.0	82.6	83.2	83.5	83.8	84.0	84.2	84.4
200	79.3	81.9	82.9	83.5	84.1	84.5	84.7	84.8	85.1	85.2
250	80.4	83.1	84.0	84.6	85.2	85.6	85.9	86.0	86.2	86.3
315	81.3	84.0	84.9	85.6	86.2	86.6	86.8	86.9	87.1	87.3
400	81.9	84.7	85.7	86.3	86.9	87.3	87.5	87.7	87.9	88.0
500	82.1	85.0	86.0	86.6	87.2	87.6	87.9	88.0	88.2	88.4
630	82.2	85.1	86.1	86.7	87.3	87.7	87.9	88.1	88.4	88.6
800	82.4	85.3	86.2	86.8	87.4	87.8	88.1	88.2	88.5	88.7
1000	82.8	85.8	86.7	87.2	87.8	88.2	88.5	88.7	88.9	89.2
1250	83.4	86.3	87.2	87.7	88.3	88.7	89.0	89.2	89.5	89.8
1600	83.7	86.7	87.6	88.1	88.6	89.0	89.4	89.6	90.0	90.2
2000	83.1	86.1	87.0	87.4	88.0	88.3	88.7	89.0	89.4	89.7
2500	81.7	84.8	85.6	86.0	86.5	86.9	87.3	87.6	88.0	88.4
3150	79.7	82.7	83.5	83.9	84.3	84.7	85.2	85.5	86.0	86.4
4000	76.4	79.5	80.3	80.6	81.0	81.3	81.9	82.3	82.8	83.3
5000	71.5	74.7	75.4	75.7	76.1	76.5	77.0	77.5	78.1	78.5
6300	63.7	67.0	67.9	68.2	68.6	69.0	69.6	70.0	70.6	71.1
8000	52.3	55.7	56.6	56.9	57.4	57.8	58.4	58.8	59.4	59.8
10000	38.4	41.7	42.6	43.0	43.5	43.9	44.5	45.0	45.5	45.9

Tab. 35: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	54.3	54.5	54.6	54.4	54.2	54.1	54.1	54.0	54.0
25	60.4	60.6	60.7	60.5	60.3	60.2	60.2	60.1	60.1
31.5	65.7	66.0	66.1	65.9	65.7	65.6	65.6	65.5	65.5
40	70.4	70.7	70.8	70.6	70.4	70.3	70.3	70.2	70.2
50	74.4	74.8	74.9	74.6	74.5	74.4	74.3	74.3	74.3
63	77.9	78.2	78.3	78.1	77.9	77.8	77.8	77.7	77.7
80	80.8	81.2	81.3	81.0	80.9	80.8	80.7	80.7	80.7
100	83.0	83.3	83.4	83.1	83.0	82.9	82.8	82.8	82.8
125	84.1	84.3	84.4	84.1	83.9	83.8	83.8	83.7	83.7
160	84.9	85.0	85.1	84.7	84.5	84.4	84.3	84.3	84.3
200	85.7	85.8	85.8	85.4	85.1	85.0	85.0	85.0	85.0
250	86.8	86.9	86.9	86.4	86.2	86.0	86.0	86.0	86.0
315	87.7	87.8	87.7	87.3	87.0	86.9	86.9	86.8	86.8
400	88.5	88.5	88.5	88.1	87.8	87.7	87.7	87.7	87.7
500	88.9	89.1	89.1	88.7	88.5	88.4	88.5	88.5	88.5
630	89.1	89.4	89.6	89.3	89.2	89.2	89.2	89.3	89.4
800	89.3	89.8	90.0	89.8	89.8	89.9	90.1	90.2	90.4
1000	89.8	90.4	90.7	90.6	90.7	90.9	91.1	91.3	91.4
1250	90.4	91.1	91.5	91.6	91.8	92.0	92.2	92.3	92.4
1600	90.9	91.7	92.1	92.4	92.7	92.9	93.0	93.0	92.9
2000	90.4	91.3	91.8	92.3	92.5	92.5	92.4	92.2	92.1
2500	89.2	90.1	90.7	91.2	91.2	91.0	90.8	90.5	90.4
3150	87.2	88.4	89.0	89.1	88.8	88.5	88.3	88.1	87.9
4000	84.2	85.4	85.8	85.5	85.0	84.7	84.5	84.3	84.1
5000	79.5	80.5	80.8	80.2	79.6	79.3	79.1	78.8	78.7
6300	71.9	72.8	72.9	72.2	71.6	71.3	71.0	70.7	70.6
8000	60.6	61.4	61.4	60.7	60.1	59.7	59.3	59.0	58.8
10000	46.7	47.5	47.5	46.6	46.0	45.5	45.1	44.8	44.6

4.9 One-third octave band level E-138 EP3 E2-HT-160-ES-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 36: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.5	51.4	52.0	52.5	52.9	53.2	53.4	53.6	53.8	53.9
25	55.3	57.4	58.0	58.5	59.0	59.2	59.5	59.6	59.9	60.0
31.5	60.4	62.6	63.3	63.8	64.3	64.6	64.8	65.0	65.2	65.4
40	64.9	67.1	67.9	68.3	68.9	69.2	69.4	69.6	69.9	70.0
50	68.7	71.0	71.8	72.3	72.8	73.1	73.4	73.6	73.9	74.0
63	72.0	74.4	75.2	75.7	76.2	76.5	76.8	77.0	77.3	77.5
80	74.8	77.2	78.0	78.6	79.1	79.4	79.7	79.9	80.2	80.4
100	76.8	79.4	80.2	80.7	81.3	81.6	81.9	82.1	82.4	82.5
125	77.9	80.4	81.3	81.9	82.4	82.8	83.0	83.2	83.5	83.7
160	78.7	81.2	82.1	82.7	83.3	83.6	83.9	84.1	84.3	84.5
200	79.5	82.1	83.0	83.6	84.2	84.6	84.8	84.9	85.2	85.3
250	80.7	83.2	84.1	84.7	85.3	85.7	85.9	86.1	86.3	86.4
315	81.5	84.1	85.1	85.7	86.3	86.7	86.9	87.0	87.2	87.3
400	82.1	84.8	85.7	86.3	87.0	87.4	87.6	87.7	88.0	88.1
500	82.4	85.2	86.1	86.7	87.3	87.7	87.9	88.1	88.3	88.5
630	82.4	85.3	86.1	86.7	87.4	87.8	88.0	88.2	88.4	88.6
800	82.6	85.4	86.3	86.9	87.5	87.9	88.1	88.3	88.6	88.8
1000	83.0	85.9	86.7	87.3	87.9	88.2	88.5	88.7	89.0	89.2
1250	83.6	86.4	87.3	87.8	88.4	88.7	89.0	89.3	89.6	89.8
1600	83.9	86.8	87.6	88.1	88.7	89.0	89.4	89.6	90.0	90.3
2000	83.3	86.2	86.9	87.4	87.9	88.3	88.7	89.0	89.4	89.7
2500	81.8	84.8	85.5	85.9	86.4	86.8	87.2	87.5	88.0	88.3
3150	79.7	82.7	83.3	83.7	84.2	84.6	85.0	85.4	85.9	86.3
4000	76.3	79.3	80.0	80.3	80.7	81.1	81.6	82.0	82.6	83.0
5000	71.2	74.3	74.9	75.2	75.6	76.0	76.6	77.0	77.6	78.1
6300	63.1	66.3	67.0	67.4	67.7	68.2	68.8	69.3	69.8	70.3
8000	51.2	54.4	55.2	55.6	56.0	56.5	57.1	57.5	58.1	58.5
10000	36.5	39.7	40.5	40.9	41.4	41.9	42.4	42.9	43.4	43.9

Tab. 37: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	54.4	54.6	54.7	54.4	54.3	54.2	54.2	54.1	54.1
25	60.5	60.7	60.8	60.6	60.4	60.3	60.3	60.2	60.2
31.5	65.9	66.1	66.2	66.0	65.8	65.7	65.7	65.6	65.6
40	70.6	70.8	70.9	70.7	70.5	70.4	70.3	70.3	70.3
50	74.6	74.9	74.9	74.7	74.5	74.5	74.4	74.4	74.4
63	78.0	78.3	78.4	78.2	78.0	77.9	77.9	77.8	77.8
80	81.0	81.3	81.3	81.1	80.9	80.9	80.8	80.8	80.8
100	83.1	83.4	83.4	83.2	83.0	82.9	82.9	82.9	82.9
125	84.2	84.4	84.4	84.1	84.0	83.9	83.8	83.8	83.8
160	85.0	85.1	85.1	84.7	84.5	84.5	84.4	84.4	84.4
200	85.8	85.9	85.8	85.4	85.2	85.1	85.1	85.0	85.0
250	86.9	87.0	86.9	86.4	86.2	86.1	86.1	86.0	86.0
315	87.8	87.8	87.7	87.3	87.1	87.0	86.9	86.9	86.9
400	88.5	88.6	88.5	88.1	87.9	87.8	87.7	87.7	87.7
500	89.0	89.2	89.1	88.7	88.6	88.5	88.5	88.5	88.6
630	89.2	89.5	89.6	89.3	89.2	89.2	89.3	89.4	89.5
800	89.4	89.9	90.0	89.8	89.9	90.0	90.1	90.3	90.4
1000	89.9	90.5	90.7	90.6	90.8	91.0	91.2	91.3	91.5
1250	90.6	91.2	91.5	91.6	91.9	92.1	92.2	92.4	92.4
1600	91.1	91.8	92.1	92.5	92.8	92.9	93.0	93.0	92.9
2000	90.6	91.3	91.8	92.3	92.5	92.4	92.3	92.2	92.1
2500	89.3	90.1	90.7	91.2	91.0	90.8	90.6	90.4	90.3
3150	87.3	88.3	88.9	88.9	88.5	88.3	88.0	87.9	87.7
4000	84.1	85.1	85.5	85.1	84.7	84.4	84.1	83.9	83.8
5000	79.2	80.1	80.2	79.5	79.1	78.7	78.5	78.3	78.1
6300	71.3	72.0	71.9	71.2	70.7	70.4	70.1	69.9	69.7
8000	59.5	60.1	60.0	59.2	58.6	58.2	57.9	57.7	57.4
10000	44.8	45.4	45.2	44.4	43.8	43.3	42.9	42.6	42.4

5 Operating mode 100.5 dB

5.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 38: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	50.6	51.0	51.3	51.6	51.9	52.1	52.4	52.5	52.7	52.7	52.9
25	56.5	57.0	57.2	57.6	57.9	58.1	58.4	58.5	58.7	58.8	58.9
31.5	61.7	62.2	62.5	62.8	63.1	63.4	63.7	63.8	64.0	64.1	64.2
40	66.2	66.7	67.0	67.3	67.7	67.9	68.2	68.4	68.6	68.7	68.8
50	70.1	70.6	70.9	71.2	71.6	71.9	72.2	72.3	72.5	72.6	72.8
63	73.4	73.9	74.2	74.6	75.0	75.2	75.5	75.7	75.9	76.0	76.1
80	76.3	76.8	77.1	77.5	77.9	78.1	78.4	78.6	78.8	78.9	79.0
100	78.4	78.9	79.2	79.6	80.0	80.2	80.6	80.7	80.9	81.0	81.2
125	79.5	80.0	80.3	80.8	81.2	81.4	81.7	81.9	82.1	82.2	82.3
160	80.3	80.8	81.2	81.6	82.0	82.2	82.6	82.8	83.0	83.0	83.2
200	81.1	81.7	82.0	82.5	82.9	83.1	83.5	83.7	83.9	83.9	84.0
250	82.3	82.8	83.2	83.7	84.1	84.3	84.7	84.8	85.0	85.0	85.2
315	83.2	83.8	84.1	84.6	85.0	85.3	85.7	85.8	86.0	86.0	86.1
400	83.9	84.4	84.8	85.3	85.7	86.0	86.4	86.5	86.7	86.7	86.8
500	84.2	84.8	85.1	85.6	86.0	86.3	86.7	86.8	87.0	87.0	87.2
630	84.3	84.9	85.2	85.6	86.1	86.3	86.7	86.9	87.1	87.1	87.3
800	84.5	85.0	85.3	85.8	86.2	86.4	86.8	87.0	87.2	87.2	87.4
1000	85.0	85.5	85.8	86.2	86.6	86.8	87.2	87.4	87.6	87.7	87.9
1250	85.6	86.1	86.4	86.8	87.1	87.3	87.7	87.9	88.1	88.3	88.5
1600	86.0	86.5	86.8	87.1	87.5	87.6	88.1	88.3	88.5	88.7	88.9
2000	85.4	85.9	86.2	86.5	86.9	87.0	87.5	87.7	87.9	88.1	88.3
2500	84.2	84.6	84.8	85.1	85.5	85.6	86.1	86.3	86.6	86.8	87.0
3150	82.3	82.7	82.9	83.1	83.4	83.5	84.0	84.3	84.6	84.8	85.1
4000	79.3	79.7	79.8	80.1	80.3	80.4	80.9	81.2	81.5	81.8	82.1
5000	74.7	75.2	75.3	75.5	75.7	75.8	76.3	76.6	77.0	77.3	77.7
6300	67.6	68.1	68.2	68.5	68.7	68.8	69.3	69.6	70.1	70.3	70.7
8000	57.0	57.6	57.8	58.0	58.3	58.4	58.9	59.3	59.7	60.0	60.3

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	44.3	44.8	45.0	45.3	45.6	45.7	46.2	46.6	47.0	47.3	47.6

Tab. 39: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	53.2	53.5	53.6	54.0	53.9	53.8	53.7	53.5	53.4	53.3
25	59.2	59.6	59.7	60.0	60.0	59.9	59.7	59.5	59.5	59.4
31.5	64.5	64.9	65.1	65.4	65.3	65.2	65.1	64.9	64.8	64.7
40	69.2	69.5	69.7	70.1	70.0	69.9	69.8	69.6	69.5	69.4
50	73.1	73.5	73.7	74.1	74.0	73.9	73.8	73.6	73.5	73.4
63	76.5	76.9	77.2	77.5	77.4	77.3	77.2	77.0	76.9	76.8
80	79.4	79.8	80.1	80.4	80.4	80.3	80.1	79.9	79.8	79.7
100	81.6	81.9	82.3	82.6	82.5	82.4	82.2	82.0	81.9	81.8
125	82.7	83.1	83.4	83.6	83.5	83.4	83.2	82.9	82.8	82.8
160	83.5	83.9	84.1	84.4	84.2	84.0	83.8	83.5	83.4	83.4
200	84.4	84.7	85.0	85.2	85.0	84.8	84.5	84.2	84.1	84.0
250	85.5	85.9	86.1	86.3	86.0	85.8	85.5	85.3	85.1	85.1
315	86.5	86.8	87.0	87.2	86.9	86.7	86.4	86.1	86.0	85.9
400	87.2	87.5	87.8	87.9	87.7	87.5	87.2	86.9	86.8	86.8
500	87.5	87.9	88.2	88.4	88.3	88.1	87.8	87.6	87.5	87.5
630	87.6	88.0	88.4	88.7	88.6	88.5	88.3	88.2	88.1	88.1
800	87.8	88.2	88.7	89.0	89.0	88.9	88.8	88.7	88.8	88.8
1000	88.2	88.6	89.2	89.6	89.6	89.6	89.5	89.5	89.6	89.8
1250	88.9	89.3	89.9	90.3	90.4	90.4	90.4	90.5	90.7	90.9
1600	89.3	89.8	90.4	90.9	91.0	91.0	91.2	91.5	91.7	91.8
2000	88.8	89.2	89.9	90.5	90.6	90.7	91.1	91.4	91.5	91.5
2500	87.5	88.0	88.8	89.4	89.6	89.8	90.2	90.3	90.2	90.0
3150	85.6	86.1	87.0	87.7	87.9	88.2	88.4	88.2	87.9	87.7
4000	82.7	83.2	84.2	84.9	85.1	85.2	85.2	84.7	84.4	84.2
5000	78.2	78.8	79.8	80.4	80.5	80.5	80.2	79.6	79.3	79.1
6300	71.3	71.8	72.7	73.3	73.3	73.1	72.7	72.2	71.9	71.6
8000	60.9	61.4	62.3	62.7	62.7	62.6	62.1	61.5	61.1	60.8
10000	48.2	48.7	49.6	50.0	50.0	49.8	49.3	48.6	48.2	47.9

5.2 One-third octave band level E-138 EP3 E2-ST-81-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 40: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.2	49.8	50.6	51.0	51.5	51.8	52.1	52.3	52.4	52.7
25	53.0	55.7	56.6	57.0	57.5	57.8	58.1	58.3	58.4	58.8
31.5	58.0	60.9	61.8	62.3	62.7	63.1	63.4	63.6	63.7	64.1
40	62.4	65.4	66.3	66.8	67.3	67.6	67.9	68.2	68.3	68.7
50	66.1	69.3	70.2	70.7	71.2	71.6	71.9	72.1	72.3	72.7
63	69.3	72.6	73.5	74.0	74.6	74.9	75.3	75.5	75.7	76.1
80	72.1	75.4	76.4	76.9	77.4	77.8	78.1	78.4	78.6	79.0
100	74.2	77.5	78.5	79.1	79.6	80.0	80.3	80.6	80.7	81.1
125	75.3	78.6	79.7	80.2	80.8	81.1	81.5	81.7	81.9	82.3
160	76.1	79.4	80.5	81.0	81.6	82.0	82.4	82.6	82.7	83.1
200	77.0	80.3	81.4	81.9	82.6	82.9	83.3	83.5	83.6	84.0
250	78.1	81.4	82.5	83.1	83.7	84.1	84.5	84.7	84.8	85.2
315	79.0	82.4	83.5	84.1	84.7	85.1	85.5	85.6	85.7	86.1
400	79.5	83.1	84.2	84.8	85.4	85.9	86.2	86.4	86.5	86.9
500	79.8	83.4	84.6	85.1	85.8	86.2	86.5	86.7	86.8	87.3
630	79.8	83.5	84.7	85.2	85.9	86.3	86.6	86.8	87.0	87.4
800	80.0	83.8	84.9	85.4	86.0	86.4	86.8	87.0	87.1	87.6
1000	80.5	84.3	85.4	85.9	86.5	86.9	87.2	87.5	87.6	88.1
1250	81.1	84.9	86.0	86.5	87.1	87.4	87.8	88.1	88.3	88.8
1600	81.6	85.5	86.5	87.0	87.5	87.8	88.3	88.6	88.8	89.3
2000	81.2	85.1	86.1	86.6	87.0	87.3	87.8	88.2	88.4	88.9
2500	80.1	84.0	85.0	85.4	85.9	86.2	86.7	87.1	87.3	87.9
3150	78.5	82.5	83.5	83.8	84.2	84.5	85.0	85.4	85.8	86.4
4000	76.1	80.1	81.1	81.4	81.7	82.0	82.5	83.0	83.4	84.0
5000	72.3	76.4	77.5	77.7	78.1	78.3	78.9	79.4	79.8	80.5
6300	66.4	70.7	71.8	72.1	72.5	72.7	73.3	73.9	74.3	75.0
8000	58.2	62.5	63.7	64.0	64.4	64.7	65.3	65.8	66.2	66.9
10000	48.8	53.1	54.3	54.7	55.1	55.4	56.0	56.5	56.9	57.6

Tab. 41: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	53.1	53.4	53.4	53.3	53.0	52.9	52.8	52.8	52.8
25	59.2	59.5	59.5	59.3	59.1	59.0	58.9	58.9	58.8
31.5	64.5	64.8	64.8	64.7	64.4	64.3	64.3	64.2	64.2
40	69.1	69.5	69.5	69.3	69.1	69.0	68.9	68.9	68.9
50	73.1	73.5	73.5	73.4	73.1	73.0	72.9	72.9	72.9
63	76.5	77.0	76.9	76.8	76.5	76.4	76.4	76.3	76.3
80	79.5	79.9	79.9	79.7	79.4	79.4	79.3	79.3	79.2
100	81.6	82.0	82.0	81.8	81.5	81.4	81.4	81.3	81.3
125	82.8	83.1	83.0	82.8	82.5	82.4	82.3	82.3	82.2
160	83.6	83.9	83.7	83.4	83.1	83.0	82.9	82.9	82.8
200	84.4	84.7	84.5	84.2	83.8	83.6	83.6	83.5	83.5
250	85.6	85.8	85.6	85.2	84.9	84.7	84.6	84.6	84.6
315	86.5	86.8	86.5	86.1	85.8	85.6	85.5	85.5	85.5
400	87.3	87.6	87.3	86.9	86.6	86.4	86.3	86.3	86.3
500	87.7	88.1	87.9	87.6	87.3	87.2	87.1	87.1	87.2
630	87.9	88.4	88.3	88.1	87.9	87.8	87.9	87.9	88.0
800	88.1	88.7	88.7	88.6	88.5	88.5	88.6	88.8	89.0
1000	88.7	89.3	89.4	89.3	89.3	89.5	89.7	89.9	90.1
1250	89.4	90.1	90.2	90.3	90.4	90.6	90.9	91.1	91.2
1600	90.0	90.7	90.9	91.1	91.4	91.7	91.9	91.9	91.9
2000	89.6	90.5	90.7	91.0	91.5	91.6	91.6	91.5	91.4
2500	88.6	89.6	89.9	90.3	90.6	90.5	90.3	90.1	90.0
3150	87.2	88.3	88.7	89.0	88.9	88.6	88.4	88.2	88.0
4000	84.9	86.1	86.5	86.6	86.1	85.7	85.4	85.2	85.0
5000	81.4	82.5	82.8	82.6	81.9	81.5	81.3	81.0	80.8
6300	75.9	76.9	77.0	76.6	75.9	75.5	75.2	74.9	74.7
8000	67.8	68.7	68.7	68.4	67.6	67.1	66.8	66.5	66.2
10000	58.4	59.3	59.3	58.9	58.1	57.5	57.1	56.8	56.5

5.3 One-third octave band level E-138 EP3 E2-ST-96-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 42: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.8	50.3	50.8	51.2	51.7	52.0	52.3	52.4	52.6	53.1
25	53.5	56.3	56.8	57.2	57.7	58.0	58.3	58.5	58.6	59.1
31.5	58.6	61.5	62.0	62.5	62.9	63.3	63.6	63.7	63.9	64.4
40	63.0	66.0	66.5	67.0	67.5	67.9	68.1	68.3	68.5	69.0
50	66.7	69.8	70.4	70.9	71.4	71.8	72.1	72.3	72.5	73.0
63	70.0	73.2	73.8	74.3	74.8	75.2	75.5	75.7	75.9	76.4
80	72.8	76.0	76.6	77.1	77.7	78.0	78.4	78.6	78.8	79.3
100	74.8	78.1	78.8	79.3	79.8	80.2	80.5	80.7	80.9	81.5
125	75.9	79.2	79.9	80.4	81.0	81.4	81.7	81.9	82.1	82.6
160	76.8	80.0	80.7	81.3	81.8	82.2	82.5	82.7	82.9	83.4
200	77.6	80.9	81.6	82.2	82.8	83.2	83.5	83.7	83.8	84.3
250	78.7	82.0	82.7	83.3	83.9	84.4	84.6	84.8	85.0	85.4
315	79.6	83.0	83.7	84.3	84.9	85.3	85.6	85.8	85.9	86.4
400	80.2	83.7	84.4	85.0	85.6	86.1	86.3	86.5	86.6	87.1
500	80.4	84.0	84.7	85.3	85.9	86.4	86.7	86.8	87.0	87.5
630	80.5	84.1	84.8	85.4	86.0	86.5	86.7	86.9	87.1	87.6
800	80.7	84.4	85.0	85.6	86.2	86.6	86.9	87.1	87.3	87.8
1000	81.2	84.9	85.5	86.0	86.6	87.0	87.3	87.6	87.8	88.3
1250	81.8	85.5	86.2	86.6	87.2	87.6	87.9	88.2	88.4	89.0
1600	82.2	86.0	86.6	87.1	87.6	88.0	88.4	88.7	88.9	89.5
2000	81.7	85.6	86.2	86.6	87.0	87.5	87.9	88.2	88.5	89.1
2500	80.6	84.5	85.0	85.4	85.8	86.2	86.7	87.0	87.3	88.0
3150	78.9	82.9	83.4	83.7	84.0	84.4	84.9	85.3	85.7	86.4
4000	76.3	80.3	80.8	81.0	81.3	81.7	82.2	82.7	83.1	83.9
5000	72.2	76.4	76.9	77.1	77.4	77.8	78.3	78.8	79.3	80.1
6300	66.0	70.2	70.8	71.1	71.4	71.8	72.4	72.9	73.4	74.2
8000	57.1	61.3	61.9	62.3	62.6	63.1	63.6	64.1	64.6	65.4
10000	46.7	51.0	51.6	51.9	52.3	52.7	53.3	53.8	54.3	55.0

Tab. 43: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	53.3	53.6	53.5	53.3	53.1	53.0	52.9	52.9	52.9
25	59.4	59.7	59.6	59.4	59.2	59.1	59.0	59.0	59.0
31.5	64.7	65.1	64.9	64.7	64.5	64.4	64.4	64.4	64.3
40	69.4	69.7	69.6	69.4	69.2	69.1	69.0	69.0	69.0
50	73.4	73.7	73.6	73.4	73.2	73.1	73.0	73.0	73.0
63	76.8	77.2	77.0	76.8	76.6	76.5	76.5	76.5	76.4
80	79.7	80.1	80.0	79.7	79.5	79.4	79.4	79.4	79.3
100	81.9	82.2	82.1	81.8	81.6	81.5	81.5	81.5	81.4
125	83.0	83.3	83.1	82.8	82.6	82.5	82.4	82.4	82.4
160	83.8	84.0	83.8	83.5	83.2	83.1	83.0	83.0	83.0
200	84.6	84.8	84.6	84.2	83.9	83.8	83.7	83.7	83.7
250	85.8	85.9	85.6	85.2	84.9	84.8	84.7	84.7	84.7
315	86.7	86.8	86.5	86.1	85.8	85.7	85.6	85.6	85.6
400	87.5	87.6	87.3	87.0	86.6	86.5	86.4	86.4	86.5
500	87.9	88.1	87.9	87.6	87.3	87.3	87.2	87.2	87.3
630	88.2	88.5	88.4	88.1	87.9	88.0	88.0	88.1	88.2
800	88.4	88.8	88.8	88.7	88.6	88.7	88.8	89.0	89.1
1000	89.0	89.4	89.5	89.4	89.5	89.7	89.8	90.0	90.2
1250	89.7	90.2	90.3	90.3	90.6	90.8	91.0	91.2	91.2
1600	90.3	90.9	91.0	91.2	91.6	91.8	91.9	91.9	91.9
2000	89.9	90.6	90.8	91.1	91.6	91.6	91.5	91.4	91.2
2500	88.9	89.7	89.9	90.4	90.5	90.3	90.1	90.0	89.8
3150	87.4	88.3	88.6	88.9	88.6	88.2	88.0	87.9	87.7
4000	85.0	85.9	86.1	86.0	85.5	85.1	84.9	84.7	84.5
5000	81.2	82.1	82.1	81.7	81.1	80.7	80.4	80.3	80.0
6300	75.2	75.9	75.8	75.3	74.6	74.2	73.9	73.7	73.5
8000	66.4	67.0	66.8	66.3	65.6	65.1	64.8	64.5	64.3
10000	56.0	56.6	56.4	55.8	55.0	54.5	54.1	53.8	53.5

5.4 One-third octave band level E-138 EP3 E2-ST-111-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 44: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.2	50.5	51.0	51.5	51.8	52.2	52.4	52.6	52.8	53.3
25	54.1	56.5	57.0	57.4	57.8	58.2	58.4	58.6	58.8	59.3
31.5	59.1	61.7	62.2	62.7	63.1	63.5	63.7	63.9	64.1	64.6
40	63.5	66.2	66.7	67.2	67.7	68.1	68.3	68.5	68.7	69.3
50	67.3	70.0	70.6	71.1	71.6	72.0	72.2	72.4	72.7	73.2
63	70.5	73.4	74.0	74.5	74.9	75.4	75.6	75.8	76.1	76.6
80	73.3	76.2	76.8	77.4	77.8	78.2	78.5	78.7	79.0	79.5
100	75.4	78.3	78.9	79.5	80.0	80.4	80.7	80.9	81.2	81.7
125	76.5	79.4	80.1	80.7	81.1	81.6	81.8	82.0	82.3	82.8
160	77.3	80.2	80.9	81.5	82.0	82.4	82.7	82.9	83.1	83.7
200	78.2	81.1	81.8	82.4	82.9	83.4	83.6	83.8	84.0	84.5
250	79.3	82.2	82.9	83.6	84.1	84.6	84.8	84.9	85.2	85.7
315	80.2	83.2	83.9	84.5	85.0	85.5	85.8	85.9	86.1	86.6
400	80.8	83.9	84.6	85.2	85.8	86.2	86.5	86.6	86.9	87.3
500	81.0	84.2	84.9	85.5	86.1	86.6	86.8	86.9	87.2	87.7
630	81.1	84.3	85.0	85.6	86.1	86.6	86.9	87.0	87.3	87.9
800	81.3	84.5	85.2	85.8	86.3	86.7	87.0	87.2	87.5	88.0
1000	81.7	85.0	85.6	86.2	86.7	87.2	87.4	87.6	87.9	88.5
1250	82.3	85.6	86.2	86.8	87.2	87.7	88.0	88.2	88.6	89.2
1600	82.7	86.1	86.7	87.2	87.6	88.1	88.4	88.7	89.0	89.7
2000	82.2	85.6	86.1	86.6	87.0	87.5	87.9	88.2	88.6	89.2
2500	81.0	84.4	84.9	85.4	85.7	86.2	86.6	86.9	87.4	88.1
3150	79.2	82.7	83.1	83.5	83.8	84.3	84.8	85.1	85.6	86.4
4000	76.4	79.9	80.4	80.7	80.9	81.4	81.9	82.3	82.9	83.7
5000	72.1	75.7	76.2	76.5	76.7	77.2	77.7	78.2	78.8	79.6
6300	65.5	69.2	69.7	70.0	70.3	70.8	71.3	71.8	72.4	73.2
8000	55.8	59.6	60.1	60.5	60.8	61.4	61.9	62.4	63.0	63.7
10000	44.4	48.2	48.8	49.2	49.5	50.0	50.6	51.0	51.6	52.4

Tab. 45: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	53.5	53.7	53.6	53.3	53.2	53.1	53.1	53.0	53.0
25	59.6	59.8	59.7	59.4	59.3	59.2	59.2	59.1	59.1
31.5	65.0	65.1	65.0	64.8	64.6	64.6	64.5	64.5	64.5
40	69.7	69.8	69.7	69.4	69.3	69.2	69.2	69.1	69.1
50	73.7	73.8	73.7	73.4	73.3	73.2	73.2	73.1	73.1
63	77.1	77.3	77.1	76.9	76.7	76.7	76.6	76.6	76.6
80	80.0	80.2	80.0	79.8	79.6	79.6	79.5	79.5	79.5
100	82.2	82.3	82.1	81.9	81.7	81.7	81.6	81.6	81.6
125	83.3	83.4	83.1	82.8	82.7	82.6	82.5	82.5	82.5
160	84.0	84.1	83.8	83.5	83.3	83.2	83.1	83.1	83.1
200	84.8	84.9	84.5	84.2	83.9	83.8	83.8	83.8	83.8
250	85.9	85.9	85.6	85.2	85.0	84.9	84.8	84.8	84.8
315	86.9	86.8	86.5	86.1	85.8	85.7	85.7	85.7	85.7
400	87.6	87.6	87.3	86.9	86.7	86.6	86.5	86.5	86.6
500	88.1	88.2	87.9	87.6	87.4	87.3	87.3	87.4	87.4
630	88.4	88.5	88.4	88.1	88.0	88.0	88.1	88.2	88.3
800	88.6	88.9	88.8	88.7	88.7	88.8	88.9	89.1	89.3
1000	89.2	89.5	89.5	89.5	89.6	89.8	90.0	90.2	90.3
1250	89.9	90.3	90.3	90.4	90.7	90.9	91.1	91.2	91.3
1600	90.5	90.9	91.1	91.4	91.7	91.9	91.9	91.9	91.9
2000	90.2	90.6	90.8	91.3	91.6	91.5	91.4	91.3	91.2
2500	89.1	89.6	90.0	90.4	90.3	90.1	89.9	89.8	89.6
3150	87.5	88.2	88.5	88.6	88.2	88.0	87.7	87.5	87.4
4000	84.9	85.6	85.8	85.4	84.9	84.7	84.4	84.2	84.1
5000	80.9	81.4	81.4	80.7	80.2	79.9	79.7	79.5	79.3
6300	74.4	74.8	74.6	73.9	73.3	73.0	72.7	72.5	72.3
8000	64.9	65.1	64.9	64.2	63.6	63.2	62.9	62.6	62.4
10000	53.5	53.8	53.5	52.7	52.0	51.5	51.2	50.9	50.6

5.5 One-third octave band level E-138 EP3 E2-ST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 46: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.8	50.8	51.2	51.7	52.1	52.4	52.6	52.7	53.1	53.5
25	54.7	56.7	57.2	57.7	58.1	58.4	58.7	58.8	59.2	59.6
31.5	59.8	61.9	62.4	62.9	63.3	63.7	64.0	64.1	64.5	64.9
40	64.2	66.4	66.9	67.5	67.9	68.3	68.5	68.7	69.1	69.6
50	67.9	70.3	70.8	71.4	71.8	72.2	72.5	72.6	73.1	73.5
63	71.2	73.6	74.2	74.8	75.2	75.6	75.9	76.0	76.5	77.0
80	74.0	76.5	77.0	77.6	78.1	78.5	78.7	78.9	79.4	79.9
100	76.1	78.6	79.2	79.8	80.2	80.6	80.9	81.1	81.5	82.0
125	77.2	79.7	80.3	80.9	81.4	81.8	82.1	82.2	82.6	83.1
160	78.0	80.5	81.1	81.7	82.2	82.7	82.9	83.1	83.4	83.9
200	78.8	81.3	82.0	82.6	83.1	83.6	83.8	84.0	84.3	84.8
250	79.9	82.5	83.1	83.8	84.3	84.7	85.0	85.1	85.5	85.9
315	80.8	83.4	84.1	84.7	85.3	85.7	85.9	86.0	86.4	86.8
400	81.4	84.1	84.8	85.4	86.0	86.4	86.6	86.7	87.1	87.6
500	81.6	84.4	85.1	85.7	86.3	86.7	86.9	87.1	87.5	88.0
630	81.7	84.5	85.1	85.8	86.3	86.8	87.0	87.2	87.6	88.1
800	81.9	84.7	85.3	85.9	86.4	86.9	87.1	87.3	87.7	88.3
1000	82.4	85.2	85.7	86.4	86.8	87.3	87.5	87.7	88.2	88.8
1250	82.9	85.8	86.3	86.9	87.3	87.8	88.1	88.3	88.8	89.4
1600	83.3	86.2	86.7	87.3	87.6	88.2	88.5	88.7	89.2	89.9
2000	82.8	85.6	86.1	86.7	87.0	87.5	87.9	88.1	88.7	89.4
2500	81.5	84.3	84.8	85.3	85.6	86.2	86.6	86.8	87.4	88.2
3150	79.6	82.5	82.8	83.3	83.5	84.1	84.6	84.9	85.5	86.4
4000	76.5	79.5	79.8	80.2	80.4	81.0	81.5	81.9	82.6	83.5
5000	71.9	74.9	75.3	75.6	75.8	76.4	77.0	77.4	78.1	79.1
6300	64.6	67.8	68.2	68.6	68.8	69.4	70.0	70.4	71.2	72.1
8000	54.1	57.3	57.7	58.2	58.4	59.0	59.6	60.0	60.8	61.6
10000	41.3	44.5	45.0	45.5	45.7	46.4	46.9	47.4	48.1	48.9

Tab. 47: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	53.9	53.8	53.7	53.4	53.3	53.3	53.2	53.2	53.2
25	60.0	59.9	59.8	59.5	59.4	59.3	59.3	59.3	59.3
31.5	65.3	65.3	65.1	64.9	64.8	64.7	64.7	64.6	64.6
40	70.0	69.9	69.8	69.5	69.4	69.4	69.3	69.3	69.3
50	74.0	74.0	73.8	73.5	73.4	73.4	73.3	73.3	73.3
63	77.4	77.4	77.2	77.0	76.9	76.8	76.8	76.7	76.7
80	80.3	80.3	80.1	79.9	79.8	79.7	79.7	79.7	79.6
100	82.5	82.4	82.2	82.0	81.8	81.8	81.8	81.7	81.7
125	83.6	83.5	83.2	82.9	82.8	82.7	82.7	82.7	82.7
160	84.3	84.2	83.9	83.5	83.4	83.3	83.3	83.3	83.3
200	85.1	84.9	84.6	84.2	84.0	84.0	83.9	83.9	84.0
250	86.2	86.0	85.6	85.2	85.0	85.0	84.9	84.9	85.0
315	87.1	86.9	86.5	86.1	85.9	85.9	85.8	85.8	85.8
400	87.9	87.6	87.3	86.9	86.7	86.7	86.6	86.7	86.7
500	88.4	88.2	87.9	87.6	87.4	87.4	87.4	87.5	87.6
630	88.7	88.6	88.4	88.2	88.1	88.2	88.2	88.4	88.5
800	88.9	89.0	88.9	88.7	88.8	89.0	89.1	89.3	89.4
1000	89.5	89.6	89.6	89.6	89.7	90.0	90.1	90.3	90.5
1250	90.2	90.4	90.4	90.6	90.8	91.1	91.2	91.3	91.4
1600	90.8	91.0	91.2	91.5	91.8	91.9	91.9	91.9	91.8
2000	90.3	90.6	91.0	91.4	91.5	91.4	91.3	91.2	91.0
2500	89.2	89.6	90.1	90.3	90.1	89.9	89.7	89.5	89.4
3150	87.5	88.0	88.4	88.1	87.8	87.5	87.3	87.2	87.0
4000	84.7	85.1	85.2	84.6	84.2	84.0	83.8	83.6	83.4
5000	80.3	80.5	80.3	79.6	79.2	78.9	78.7	78.5	78.3
6300	73.2	73.2	72.9	72.1	71.7	71.4	71.1	70.9	70.7
8000	62.6	62.7	62.2	61.4	60.9	60.6	60.3	60.0	59.8
10000	49.9	49.9	49.5	48.5	48.0	47.6	47.2	46.9	46.7

5.6 One-third octave band level E-138 EP3 E2-ST-131-FB-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 48: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.8	50.8	51.2	51.7	52.1	52.4	52.6	52.7	53.1	53.5
25	54.7	56.7	57.2	57.7	58.1	58.4	58.7	58.8	59.2	59.6
31.5	59.8	61.9	62.4	62.9	63.3	63.7	64.0	64.1	64.5	64.9
40	64.2	66.4	66.9	67.5	67.9	68.3	68.5	68.7	69.1	69.6
50	67.9	70.3	70.8	71.4	71.8	72.2	72.5	72.6	73.1	73.5
63	71.2	73.6	74.2	74.8	75.2	75.6	75.9	76.0	76.5	77.0
80	74.0	76.5	77.0	77.6	78.1	78.5	78.7	78.9	79.4	79.9
100	76.1	78.6	79.2	79.8	80.2	80.6	80.9	81.1	81.5	82.0
125	77.2	79.7	80.3	80.9	81.4	81.8	82.1	82.2	82.6	83.1
160	78.0	80.5	81.1	81.7	82.2	82.7	82.9	83.1	83.4	83.9
200	78.8	81.3	82.0	82.6	83.1	83.6	83.8	84.0	84.3	84.8
250	79.9	82.5	83.1	83.8	84.3	84.7	85.0	85.1	85.5	85.9
315	80.8	83.4	84.1	84.7	85.3	85.7	85.9	86.0	86.4	86.8
400	81.4	84.1	84.8	85.4	86.0	86.4	86.6	86.7	87.1	87.6
500	81.6	84.4	85.1	85.7	86.3	86.7	86.9	87.1	87.5	88.0
630	81.7	84.5	85.1	85.8	86.3	86.8	87.0	87.2	87.6	88.1
800	81.9	84.7	85.3	85.9	86.4	86.9	87.1	87.3	87.7	88.3
1000	82.4	85.2	85.7	86.4	86.8	87.3	87.5	87.7	88.2	88.8
1250	82.9	85.8	86.3	86.9	87.3	87.8	88.1	88.3	88.8	89.4
1600	83.3	86.2	86.7	87.3	87.6	88.2	88.5	88.7	89.2	89.9
2000	82.8	85.6	86.1	86.7	87.0	87.5	87.9	88.1	88.7	89.4
2500	81.5	84.3	84.8	85.3	85.6	86.2	86.6	86.8	87.4	88.2
3150	79.6	82.5	82.8	83.3	83.5	84.1	84.6	84.9	85.5	86.4
4000	76.5	79.5	79.8	80.2	80.4	81.0	81.5	81.9	82.6	83.5
5000	71.9	74.9	75.3	75.6	75.8	76.4	77.0	77.4	78.1	79.1
6300	64.6	67.8	68.2	68.6	68.8	69.4	70.0	70.4	71.2	72.1
8000	54.1	57.3	57.7	58.2	58.4	59.0	59.6	60.0	60.8	61.6
10000	41.3	44.5	45.0	45.5	45.7	46.4	46.9	47.4	48.1	48.9

Tab. 49: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	53.9	53.8	53.7	53.4	53.3	53.3	53.2	53.2	53.2
25	60.0	59.9	59.8	59.5	59.4	59.3	59.3	59.3	59.3
31.5	65.3	65.3	65.1	64.9	64.8	64.7	64.7	64.6	64.6
40	70.0	69.9	69.8	69.5	69.4	69.4	69.3	69.3	69.3
50	74.0	74.0	73.8	73.5	73.4	73.4	73.3	73.3	73.3
63	77.4	77.4	77.2	77.0	76.9	76.8	76.8	76.7	76.7
80	80.3	80.3	80.1	79.9	79.8	79.7	79.7	79.7	79.6
100	82.5	82.4	82.2	82.0	81.8	81.8	81.8	81.7	81.7
125	83.6	83.5	83.2	82.9	82.8	82.7	82.7	82.7	82.7
160	84.3	84.2	83.9	83.5	83.4	83.3	83.3	83.3	83.3
200	85.1	84.9	84.6	84.2	84.0	84.0	83.9	83.9	84.0
250	86.2	86.0	85.6	85.2	85.0	85.0	84.9	84.9	85.0
315	87.1	86.9	86.5	86.1	85.9	85.9	85.8	85.8	85.8
400	87.9	87.6	87.3	86.9	86.7	86.7	86.6	86.7	86.7
500	88.4	88.2	87.9	87.6	87.4	87.4	87.4	87.5	87.6
630	88.7	88.6	88.4	88.2	88.1	88.2	88.2	88.4	88.5
800	88.9	89.0	88.9	88.7	88.8	89.0	89.1	89.3	89.4
1000	89.5	89.6	89.6	89.6	89.7	90.0	90.1	90.3	90.5
1250	90.2	90.4	90.4	90.6	90.8	91.1	91.2	91.3	91.4
1600	90.8	91.0	91.2	91.5	91.8	91.9	91.9	91.9	91.8
2000	90.3	90.6	91.0	91.4	91.5	91.4	91.3	91.2	91.0
2500	89.2	89.6	90.1	90.3	90.1	89.9	89.7	89.5	89.4
3150	87.5	88.0	88.4	88.1	87.8	87.5	87.3	87.2	87.0
4000	84.7	85.1	85.2	84.6	84.2	84.0	83.8	83.6	83.4
5000	80.3	80.5	80.3	79.6	79.2	78.9	78.7	78.5	78.3
6300	73.2	73.2	72.9	72.1	71.7	71.4	71.1	70.9	70.7
8000	62.6	62.7	62.2	61.4	60.9	60.6	60.3	60.0	59.8
10000	49.9	49.9	49.5	48.5	48.0	47.6	47.2	46.9	46.7

5.7 One-third octave band level E-138 EP3 E2-HST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 50: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.8	50.8	51.2	51.7	52.1	52.4	52.6	52.7	53.1	53.5
25	54.7	56.7	57.2	57.7	58.1	58.4	58.7	58.8	59.2	59.6
31.5	59.8	61.9	62.4	62.9	63.3	63.7	64.0	64.1	64.5	64.9
40	64.2	66.4	66.9	67.5	67.9	68.3	68.5	68.7	69.1	69.6
50	67.9	70.3	70.8	71.4	71.8	72.2	72.5	72.6	73.1	73.5
63	71.2	73.6	74.2	74.8	75.2	75.6	75.9	76.0	76.5	77.0
80	74.0	76.5	77.0	77.6	78.1	78.5	78.7	78.9	79.4	79.9
100	76.1	78.6	79.2	79.8	80.2	80.6	80.9	81.1	81.5	82.0
125	77.2	79.7	80.3	80.9	81.4	81.8	82.1	82.2	82.6	83.1
160	78.0	80.5	81.1	81.7	82.2	82.7	82.9	83.1	83.4	83.9
200	78.8	81.3	82.0	82.6	83.1	83.6	83.8	84.0	84.3	84.8
250	79.9	82.5	83.1	83.8	84.3	84.7	85.0	85.1	85.5	85.9
315	80.8	83.4	84.1	84.7	85.3	85.7	85.9	86.0	86.4	86.8
400	81.4	84.1	84.8	85.4	86.0	86.4	86.6	86.7	87.1	87.6
500	81.6	84.4	85.1	85.7	86.3	86.7	86.9	87.1	87.5	88.0
630	81.7	84.5	85.1	85.8	86.3	86.8	87.0	87.2	87.6	88.1
800	81.9	84.7	85.3	85.9	86.4	86.9	87.1	87.3	87.7	88.3
1000	82.4	85.2	85.7	86.4	86.8	87.3	87.5	87.7	88.2	88.8
1250	82.9	85.8	86.3	86.9	87.3	87.8	88.1	88.3	88.8	89.4
1600	83.3	86.2	86.7	87.3	87.6	88.2	88.5	88.7	89.2	89.9
2000	82.8	85.6	86.1	86.7	87.0	87.5	87.9	88.1	88.7	89.4
2500	81.5	84.3	84.8	85.3	85.6	86.2	86.6	86.8	87.4	88.2
3150	79.6	82.5	82.8	83.3	83.5	84.1	84.6	84.9	85.5	86.4
4000	76.5	79.5	79.8	80.2	80.4	81.0	81.5	81.9	82.6	83.5
5000	71.9	74.9	75.3	75.6	75.8	76.4	77.0	77.4	78.1	79.1
6300	64.6	67.8	68.2	68.6	68.8	69.4	70.0	70.4	71.2	72.1
8000	54.1	57.3	57.7	58.2	58.4	59.0	59.6	60.0	60.8	61.6
10000	41.3	44.5	45.0	45.5	45.7	46.4	46.9	47.4	48.1	48.9

Tab. 51: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	53.9	53.8	53.7	53.4	53.3	53.3	53.2	53.2	53.2
25	60.0	59.9	59.8	59.5	59.4	59.3	59.3	59.3	59.3
31.5	65.3	65.3	65.1	64.9	64.8	64.7	64.7	64.6	64.6
40	70.0	69.9	69.8	69.5	69.4	69.4	69.3	69.3	69.3
50	74.0	74.0	73.8	73.5	73.4	73.4	73.3	73.3	73.3
63	77.4	77.4	77.2	77.0	76.9	76.8	76.8	76.7	76.7
80	80.3	80.3	80.1	79.9	79.8	79.7	79.7	79.7	79.6
100	82.5	82.4	82.2	82.0	81.8	81.8	81.8	81.7	81.7
125	83.6	83.5	83.2	82.9	82.8	82.7	82.7	82.7	82.7
160	84.3	84.2	83.9	83.5	83.4	83.3	83.3	83.3	83.3
200	85.1	84.9	84.6	84.2	84.0	84.0	83.9	83.9	84.0
250	86.2	86.0	85.6	85.2	85.0	85.0	84.9	84.9	85.0
315	87.1	86.9	86.5	86.1	85.9	85.9	85.8	85.8	85.8
400	87.9	87.6	87.3	86.9	86.7	86.7	86.6	86.7	86.7
500	88.4	88.2	87.9	87.6	87.4	87.4	87.4	87.5	87.6
630	88.7	88.6	88.4	88.2	88.1	88.2	88.2	88.4	88.5
800	88.9	89.0	88.9	88.7	88.8	89.0	89.1	89.3	89.4
1000	89.5	89.6	89.6	89.6	89.7	90.0	90.1	90.3	90.5
1250	90.2	90.4	90.4	90.6	90.8	91.1	91.2	91.3	91.4
1600	90.8	91.0	91.2	91.5	91.8	91.9	91.9	91.9	91.8
2000	90.3	90.6	91.0	91.4	91.5	91.4	91.3	91.2	91.0
2500	89.2	89.6	90.1	90.3	90.1	89.9	89.7	89.5	89.4
3150	87.5	88.0	88.4	88.1	87.8	87.5	87.3	87.2	87.0
4000	84.7	85.1	85.2	84.6	84.2	84.0	83.8	83.6	83.4
5000	80.3	80.5	80.3	79.6	79.2	78.9	78.7	78.5	78.3
6300	73.2	73.2	72.9	72.1	71.7	71.4	71.1	70.9	70.7
8000	62.6	62.7	62.2	61.4	60.9	60.6	60.3	60.0	59.8
10000	49.9	49.9	49.5	48.5	48.0	47.6	47.2	46.9	46.7

5.8 One-third octave band level E-138 EP3 E2-HT-149-ES-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 52: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.3	51.0	51.4	51.9	52.3	52.6	52.8	52.9	53.4	53.7
25	55.1	56.9	57.4	57.9	58.3	58.6	58.8	59.0	59.4	59.8
31.5	60.2	62.1	62.6	63.1	63.5	63.9	64.1	64.3	64.7	65.1
40	64.6	66.6	67.1	67.7	68.1	68.5	68.7	68.9	69.3	69.8
50	68.4	70.5	71.0	71.6	72.0	72.4	72.6	72.8	73.3	73.8
63	71.7	73.9	74.4	75.0	75.4	75.8	76.0	76.2	76.7	77.2
80	74.5	76.7	77.3	77.8	78.3	78.7	78.9	79.1	79.6	80.1
100	76.6	78.8	79.4	80.0	80.4	80.8	81.1	81.3	81.7	82.3
125	77.7	79.9	80.5	81.1	81.5	82.0	82.2	82.4	82.9	83.4
160	78.5	80.7	81.3	82.0	82.4	82.8	83.1	83.2	83.7	84.2
200	79.3	81.6	82.2	82.8	83.3	83.7	84.0	84.1	84.6	85.0
250	80.4	82.7	83.3	84.0	84.5	84.9	85.1	85.2	85.7	86.1
315	81.3	83.6	84.3	84.9	85.4	85.8	86.0	86.2	86.6	87.0
400	81.9	84.3	84.9	85.6	86.1	86.5	86.7	86.9	87.3	87.8
500	82.1	84.6	85.2	85.9	86.4	86.8	87.0	87.2	87.7	88.2
630	82.2	84.7	85.3	85.9	86.5	86.9	87.1	87.3	87.8	88.3
800	82.4	84.8	85.4	86.1	86.6	87.0	87.2	87.4	87.9	88.5
1000	82.8	85.3	85.9	86.5	86.9	87.4	87.6	87.8	88.3	89.0
1250	83.4	85.9	86.4	87.0	87.4	87.9	88.2	88.4	88.9	89.7
1600	83.7	86.2	86.8	87.3	87.6	88.2	88.5	88.8	89.3	90.1
2000	83.1	85.6	86.1	86.6	86.9	87.5	87.9	88.2	88.8	89.6
2500	81.7	84.3	84.7	85.2	85.4	86.1	86.4	86.8	87.4	88.3
3150	79.7	82.2	82.6	83.0	83.3	83.9	84.3	84.7	85.4	86.4
4000	76.4	79.0	79.3	79.7	79.9	80.6	81.0	81.5	82.2	83.3
5000	71.5	74.1	74.5	74.8	75.0	75.7	76.2	76.7	77.5	78.6
6300	63.7	66.5	66.9	67.2	67.4	68.1	68.7	69.2	70.0	71.0
8000	52.3	55.1	55.5	56.0	56.2	56.9	57.5	58.0	58.7	59.7
10000	38.4	41.2	41.6	42.1	42.3	43.0	43.6	44.1	44.8	45.8

Tab. 53: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	54.1	54.0	53.8	53.6	53.5	53.4	53.4	53.4	53.4
25	60.2	60.1	59.8	59.6	59.5	59.5	59.5	59.5	59.4
31.5	65.5	65.4	65.2	65.0	64.9	64.9	64.8	64.8	64.8
40	70.2	70.1	69.9	69.7	69.6	69.5	69.5	69.5	69.4
50	74.2	74.1	73.9	73.7	73.6	73.5	73.5	73.5	73.5
63	77.6	77.5	77.3	77.1	77.0	77.0	76.9	76.9	76.9
80	80.6	80.4	80.2	80.0	79.9	79.9	79.8	79.8	79.8
100	82.7	82.5	82.3	82.1	82.0	81.9	81.9	81.9	81.9
125	83.8	83.6	83.3	83.0	82.9	82.9	82.8	82.8	82.8
160	84.5	84.2	83.9	83.6	83.5	83.4	83.4	83.4	83.4
200	85.3	85.0	84.6	84.3	84.2	84.1	84.1	84.1	84.1
250	86.3	86.0	85.6	85.3	85.2	85.1	85.1	85.1	85.1
315	87.2	86.9	86.5	86.2	86.0	85.9	85.9	85.9	86.0
400	88.0	87.7	87.3	87.0	86.8	86.8	86.8	86.8	86.8
500	88.5	88.2	87.9	87.7	87.6	87.5	87.6	87.6	87.7
630	88.8	88.6	88.4	88.2	88.2	88.3	88.4	88.5	88.6
800	89.1	89.0	88.9	88.8	88.9	89.1	89.2	89.4	89.5
1000	89.6	89.6	89.6	89.7	89.9	90.1	90.3	90.4	90.5
1250	90.3	90.4	90.5	90.7	91.0	91.2	91.3	91.4	91.4
1600	90.9	91.0	91.2	91.6	91.8	91.9	91.9	91.9	91.8
2000	90.4	90.6	91.0	91.4	91.4	91.3	91.2	91.1	90.9
2500	89.2	89.5	90.0	90.1	89.9	89.7	89.5	89.3	89.2
3150	87.4	87.8	88.1	87.7	87.4	87.2	87.0	86.8	86.7
4000	84.4	84.7	84.6	84.0	83.6	83.4	83.2	83.0	82.9
5000	79.6	79.7	79.2	78.6	78.2	78.0	77.7	77.6	77.4
6300	71.9	71.8	71.3	70.6	70.2	69.9	69.6	69.4	69.2
8000	60.5	60.4	59.8	59.0	58.6	58.3	58.0	57.7	57.5
10000	46.6	46.4	45.8	44.9	44.4	44.0	43.7	43.4	43.2

5.9 One-third octave band level E-138 EP3 E2-HT-160-ES-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 54: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.5	51.1	51.5	52.0	52.4	52.7	52.9	53.1	53.6	53.8
25	55.3	57.0	57.5	58.0	58.4	58.7	58.9	59.1	59.6	59.9
31.5	60.4	62.3	62.7	63.2	63.7	64.0	64.2	64.4	64.9	65.3
40	64.9	66.8	67.3	67.8	68.2	68.5	68.8	69.0	69.5	69.9
50	68.7	70.6	71.2	71.7	72.1	72.5	72.8	72.9	73.5	73.9
63	72.0	74.0	74.5	75.1	75.5	75.9	76.1	76.3	76.9	77.4
80	74.8	76.8	77.4	77.9	78.4	78.7	79.0	79.2	79.8	80.3
100	76.8	78.9	79.5	80.1	80.5	80.9	81.2	81.4	81.9	82.4
125	77.9	80.0	80.6	81.2	81.7	82.1	82.3	82.5	83.1	83.5
160	78.7	80.8	81.4	82.1	82.5	82.9	83.2	83.3	83.9	84.3
200	79.5	81.7	82.3	83.0	83.4	83.8	84.1	84.2	84.7	85.1
250	80.6	82.8	83.4	84.1	84.6	85.0	85.2	85.3	85.8	86.2
315	81.5	83.7	84.4	85.1	85.5	85.9	86.1	86.3	86.7	87.1
400	82.1	84.4	85.0	85.7	86.2	86.6	86.8	87.0	87.5	87.9
500	82.4	84.7	85.3	86.0	86.5	86.9	87.1	87.3	87.8	88.3
630	82.4	84.8	85.4	86.1	86.5	86.9	87.2	87.3	87.9	88.5
800	82.6	84.9	85.5	86.2	86.6	87.0	87.3	87.5	88.0	88.7
1000	83.0	85.4	85.9	86.6	87.0	87.4	87.7	87.9	88.5	89.2
1250	83.6	85.9	86.5	87.1	87.4	87.9	88.2	88.4	89.0	89.8
1600	83.9	86.3	86.8	87.3	87.7	88.2	88.5	88.8	89.4	90.3
2000	83.2	85.6	86.1	86.6	86.9	87.5	87.8	88.2	88.8	89.7
2500	81.8	84.2	84.6	85.1	85.4	86.0	86.4	86.7	87.4	88.4
3150	79.7	82.1	82.4	82.9	83.1	83.7	84.2	84.6	85.3	86.4
4000	76.3	78.7	79.0	79.4	79.6	80.2	80.7	81.2	82.0	83.2
5000	71.2	73.6	74.0	74.3	74.5	75.1	75.7	76.2	77.1	78.3
6300	63.1	65.7	66.0	66.4	66.6	67.3	67.9	68.4	69.2	70.4
8000	51.2	53.8	54.2	54.6	54.9	55.6	56.1	56.6	57.5	58.6
10000	36.5	39.1	39.5	40.0	40.3	40.9	41.5	42.0	42.8	43.9

Tab. 55: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	54.2	54.1	53.9	53.7	53.6	53.5	53.5	53.5	53.5
25	60.3	60.1	59.9	59.7	59.6	59.6	59.5	59.5	59.5
31.5	65.6	65.5	65.3	65.1	65.0	64.9	64.9	64.9	64.9
40	70.3	70.2	70.0	69.7	69.7	69.6	69.6	69.5	69.5
50	74.3	74.2	74.0	73.7	73.7	73.6	73.6	73.6	73.5
63	77.7	77.6	77.4	77.2	77.1	77.0	77.0	77.0	77.0
80	80.7	80.5	80.3	80.1	80.0	79.9	79.9	79.9	79.9
100	82.8	82.6	82.4	82.2	82.1	82.0	82.0	82.0	82.0
125	83.8	83.6	83.3	83.1	83.0	83.0	82.9	82.9	82.9
160	84.5	84.3	83.9	83.7	83.6	83.5	83.5	83.5	83.5
200	85.3	85.0	84.6	84.4	84.2	84.2	84.2	84.2	84.2
250	86.4	86.1	85.6	85.4	85.2	85.2	85.1	85.1	85.2
315	87.2	86.9	86.5	86.2	86.1	86.0	86.0	86.0	86.1
400	88.0	87.7	87.3	87.0	86.9	86.8	86.8	86.9	86.9
500	88.5	88.3	87.9	87.7	87.6	87.6	87.6	87.7	87.8
630	88.8	88.7	88.4	88.3	88.3	88.4	88.4	88.6	88.7
800	89.1	89.1	88.9	88.9	89.0	89.2	89.3	89.5	89.6
1000	89.7	89.7	89.6	89.7	89.9	90.2	90.3	90.5	90.6
1250	90.4	90.4	90.5	90.8	91.0	91.2	91.3	91.4	91.4
1600	90.9	91.0	91.3	91.7	91.9	91.9	91.9	91.8	91.7
2000	90.4	90.6	91.1	91.4	91.4	91.3	91.1	91.0	90.8
2500	89.2	89.5	90.0	90.0	89.8	89.5	89.4	89.2	89.1
3150	87.3	87.7	87.9	87.5	87.2	87.0	86.8	86.6	86.5
4000	84.2	84.4	84.2	83.6	83.3	83.1	82.8	82.7	82.5
5000	79.1	79.2	78.6	78.0	77.7	77.4	77.2	77.0	76.8
6300	71.1	71.0	70.3	69.7	69.3	69.0	68.8	68.6	68.4
8000	59.2	59.0	58.3	57.6	57.2	56.8	56.6	56.3	56.1
10000	44.5	44.3	43.5	42.7	42.3	41.9	41.5	41.3	41.0

6 Operating mode 99.5 dB

6.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 56: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	50.3	50.7	51.0	51.2	51.4	51.7	51.8	51.9	52.0	52.0	52.2
25	56.2	56.6	56.9	57.1	57.4	57.6	57.7	57.8	58.0	58.0	58.2
31.5	61.4	61.8	62.1	62.4	62.6	62.9	63.0	63.1	63.2	63.2	63.4
40	65.9	66.3	66.6	66.9	67.2	67.4	67.5	67.6	67.8	67.8	68.0
50	69.7	70.2	70.5	70.8	71.0	71.3	71.4	71.5	71.7	71.7	71.9
63	73.0	73.5	73.8	74.1	74.4	74.6	74.7	74.9	75.0	75.1	75.3
80	75.9	76.4	76.7	77.0	77.3	77.5	77.6	77.7	77.9	77.9	78.2
100	78.0	78.5	78.8	79.1	79.4	79.7	79.8	79.9	80.0	80.1	80.3
125	79.1	79.6	79.9	80.2	80.6	80.8	80.9	81.0	81.2	81.2	81.4
160	79.9	80.4	80.7	81.1	81.4	81.7	81.8	81.8	82.0	82.0	82.2
200	80.7	81.3	81.6	82.0	82.3	82.6	82.7	82.7	82.9	82.9	83.1
250	81.8	82.4	82.8	83.1	83.5	83.8	83.8	83.9	84.0	84.0	84.2
315	82.8	83.3	83.7	84.1	84.4	84.7	84.8	84.8	85.0	84.9	85.1
400	83.4	84.0	84.3	84.7	85.1	85.4	85.4	85.5	85.6	85.6	85.8
500	83.7	84.3	84.6	85.0	85.3	85.6	85.7	85.8	85.9	85.9	86.1
630	83.8	84.4	84.7	85.0	85.4	85.7	85.8	85.8	86.0	85.9	86.2
800	84.0	84.5	84.8	85.2	85.5	85.8	85.9	85.9	86.1	86.1	86.4
1000	84.5	85.0	85.3	85.6	85.9	86.2	86.3	86.4	86.5	86.5	86.8
1250	85.1	85.6	85.8	86.1	86.4	86.7	86.8	86.9	87.1	87.2	87.4
1600	85.5	86.0	86.2	86.5	86.8	87.0	87.2	87.3	87.5	87.6	87.9
2000	84.9	85.4	85.6	85.8	86.1	86.4	86.5	86.7	86.9	87.0	87.3
2500	83.6	84.1	84.3	84.5	84.7	85.0	85.1	85.3	85.6	85.7	86.0
3150	81.7	82.1	82.3	82.4	82.6	82.9	83.1	83.3	83.6	83.8	84.1
4000	78.7	79.1	79.2	79.3	79.5	79.7	80.0	80.3	80.6	80.8	81.2
5000	74.1	74.5	74.6	74.7	74.9	75.1	75.4	75.7	76.1	76.3	76.7
6300	67.0	67.4	67.6	67.7	67.8	68.1	68.4	68.7	69.1	69.3	69.7
8000	56.4	56.9	57.1	57.2	57.4	57.7	58.0	58.3	58.6	58.8	59.2

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	43.7	44.2	44.4	44.5	44.7	45.0	45.3	45.6	45.9	46.1	46.5

Tab. 57: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	52.2	52.4	52.9	52.9	53.3	53.2	53.1	52.9	52.8	52.7
25	58.2	58.3	58.9	59.0	59.3	59.2	59.1	58.9	58.8	58.7
31.5	63.5	63.6	64.1	64.3	64.6	64.5	64.4	64.2	64.1	64.1
40	68.0	68.2	68.7	68.9	69.2	69.1	69.0	68.8	68.7	68.7
50	71.9	72.1	72.6	72.9	73.2	73.1	73.0	72.8	72.7	72.6
63	75.3	75.5	76.0	76.3	76.6	76.5	76.4	76.2	76.1	76.0
80	78.2	78.3	78.9	79.2	79.5	79.4	79.3	79.1	79.0	78.9
100	80.3	80.5	81.0	81.3	81.6	81.5	81.4	81.2	81.0	81.0
125	81.4	81.6	82.1	82.4	82.7	82.5	82.4	82.1	82.0	81.9
160	82.2	82.4	82.9	83.1	83.4	83.2	83.0	82.7	82.6	82.5
200	83.1	83.2	83.7	83.9	84.1	83.9	83.7	83.4	83.2	83.2
250	84.2	84.3	84.8	85.0	85.2	85.0	84.7	84.4	84.2	84.2
315	85.1	85.2	85.7	85.9	86.1	85.8	85.6	85.3	85.1	85.0
400	85.7	85.9	86.4	86.6	86.8	86.6	86.4	86.1	85.9	85.8
500	86.1	86.2	86.8	87.1	87.3	87.2	86.9	86.7	86.5	86.5
630	86.2	86.3	86.9	87.3	87.6	87.5	87.4	87.2	87.1	87.1
800	86.3	86.5	87.1	87.6	88.0	87.9	87.8	87.7	87.7	87.8
1000	86.8	87.0	87.6	88.1	88.5	88.6	88.5	88.5	88.6	88.7
1250	87.4	87.7	88.3	88.8	89.3	89.3	89.4	89.5	89.7	89.9
1600	87.9	88.2	88.8	89.4	89.9	90.0	90.1	90.4	90.7	90.8
2000	87.4	87.7	88.3	89.0	89.5	89.7	89.9	90.3	90.5	90.4
2500	86.2	86.4	87.1	87.9	88.5	88.7	89.0	89.3	89.1	89.0
3150	84.3	84.6	85.3	86.2	86.8	87.0	87.3	87.2	86.9	86.7
4000	81.3	81.7	82.4	83.3	84.0	84.1	84.2	83.7	83.3	83.1
5000	76.9	77.2	78.0	78.9	79.4	79.4	79.2	78.6	78.3	78.1
6300	69.9	70.2	70.9	71.7	72.1	72.1	71.8	71.2	70.8	70.5
8000	59.4	59.7	60.4	61.2	61.6	61.5	61.2	60.5	60.1	59.8
10000	46.7	47.0	47.7	48.4	48.8	48.7	48.4	47.7	47.2	46.8

6.2 One-third octave band level E-138 EP3 E2-ST-81-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 58: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.2	49.6	50.3	50.7	51.0	51.3	51.4	51.6	51.7	51.8
25	53.0	55.5	56.3	56.7	57.0	57.3	57.4	57.6	57.7	57.8
31.5	58.0	60.7	61.5	61.9	62.2	62.5	62.6	62.9	62.9	63.0
40	62.4	65.1	66.0	66.4	66.7	67.1	67.2	67.4	67.5	67.6
50	66.1	69.0	69.8	70.3	70.6	71.0	71.1	71.3	71.4	71.5
63	69.3	72.3	73.2	73.6	74.0	74.3	74.4	74.7	74.8	74.9
80	72.1	75.1	76.0	76.5	76.8	77.2	77.3	77.5	77.6	77.8
100	74.2	77.2	78.1	78.6	79.0	79.3	79.5	79.7	79.8	79.9
125	75.3	78.3	79.2	79.7	80.2	80.5	80.6	80.8	80.9	81.0
160	76.1	79.1	80.1	80.6	81.0	81.4	81.5	81.7	81.8	81.8
200	77.0	80.0	81.0	81.5	82.0	82.3	82.4	82.6	82.6	82.7
250	78.1	81.1	82.1	82.6	83.1	83.5	83.6	83.7	83.8	83.8
315	79.0	82.1	83.1	83.6	84.1	84.4	84.5	84.7	84.7	84.8
400	79.5	82.8	83.8	84.3	84.8	85.1	85.2	85.4	85.4	85.5
500	79.8	83.1	84.1	84.6	85.1	85.4	85.5	85.7	85.8	85.8
630	79.8	83.2	84.2	84.7	85.2	85.5	85.6	85.8	85.9	86.0
800	80.0	83.4	84.4	84.9	85.3	85.7	85.8	86.0	86.1	86.2
1000	80.5	83.9	84.9	85.3	85.8	86.1	86.2	86.4	86.5	86.7
1250	81.1	84.6	85.5	86.0	86.4	86.7	86.8	87.1	87.2	87.4
1600	81.6	85.1	86.0	86.4	86.8	87.2	87.3	87.6	87.8	88.0
2000	81.2	84.6	85.6	86.0	86.3	86.7	86.9	87.2	87.3	87.6
2500	80.1	83.6	84.5	84.8	85.1	85.5	85.7	86.1	86.3	86.6
3150	78.5	82.1	82.9	83.2	83.4	83.8	84.1	84.5	84.8	85.1
4000	76.1	79.7	80.5	80.7	80.9	81.3	81.6	82.1	82.4	82.7
5000	72.3	76.0	76.8	77.0	77.2	77.6	78.0	78.5	78.8	79.2
6300	66.4	70.3	71.2	71.4	71.6	72.0	72.4	72.9	73.2	73.6
8000	58.2	62.1	63.0	63.3	63.5	63.9	64.3	64.8	65.1	65.5
10000	48.8	52.7	53.6	53.9	54.2	54.6	55.0	55.4	55.8	56.1

Tab. 59: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	52.1	52.5	52.8	52.7	52.4	52.3	52.2	52.2	52.2
25	58.1	58.5	58.8	58.7	58.5	58.3	58.2	58.2	58.2
31.5	63.3	63.8	64.2	64.0	63.8	63.6	63.5	63.5	63.5
40	67.9	68.4	68.8	68.6	68.4	68.2	68.2	68.1	68.1
50	71.8	72.4	72.7	72.6	72.4	72.2	72.1	72.1	72.1
63	75.2	75.8	76.1	76.0	75.8	75.6	75.5	75.5	75.5
80	78.1	78.7	79.0	78.9	78.7	78.5	78.4	78.4	78.4
100	80.2	80.8	81.2	81.0	80.7	80.6	80.5	80.5	80.4
125	81.3	81.9	82.2	82.0	81.7	81.5	81.4	81.4	81.4
160	82.1	82.6	82.9	82.7	82.3	82.1	82.0	82.0	82.0
200	83.0	83.5	83.7	83.4	83.0	82.8	82.7	82.7	82.7
250	84.1	84.5	84.8	84.4	84.0	83.8	83.7	83.7	83.7
315	85.0	85.5	85.7	85.3	84.9	84.7	84.6	84.6	84.6
400	85.8	86.2	86.5	86.1	85.7	85.5	85.5	85.4	85.4
500	86.1	86.7	87.0	86.7	86.4	86.2	86.2	86.2	86.2
630	86.3	86.9	87.4	87.2	86.9	86.9	86.9	87.0	87.1
800	86.5	87.2	87.7	87.6	87.5	87.5	87.7	87.8	88.0
1000	87.0	87.8	88.4	88.3	88.3	88.4	88.7	88.9	89.1
1250	87.8	88.6	89.2	89.2	89.3	89.6	89.8	90.0	90.1
1600	88.4	89.3	89.9	90.0	90.3	90.7	90.8	90.9	90.9
2000	88.0	89.0	89.7	89.9	90.4	90.6	90.5	90.4	90.3
2500	87.0	88.1	88.9	89.2	89.6	89.4	89.2	89.1	88.9
3150	85.6	86.7	87.6	87.9	87.9	87.5	87.3	87.1	86.9
4000	83.3	84.5	85.4	85.5	85.1	84.6	84.3	84.1	84.0
5000	79.8	80.9	81.7	81.6	80.9	80.5	80.2	79.9	79.7
6300	74.1	75.2	75.9	75.6	75.0	74.4	74.1	73.8	73.6
8000	66.0	67.0	67.6	67.4	66.6	66.0	65.7	65.4	65.1
10000	56.6	57.7	58.2	57.9	57.1	56.5	56.0	55.7	55.4

6.3 One-third octave band level E-138 EP3 E2-ST-96-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 60: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.8	50.0	50.5	50.9	51.2	51.5	51.6	51.7	51.9	52.0
25	53.5	55.9	56.5	56.9	57.2	57.5	57.6	57.7	57.9	58.0
31.5	58.6	61.1	61.7	62.1	62.4	62.7	62.8	62.9	63.2	63.2
40	63.0	65.6	66.2	66.6	66.9	67.2	67.3	67.5	67.7	67.8
50	66.7	69.4	70.0	70.5	70.8	71.1	71.3	71.4	71.7	71.7
63	70.0	72.7	73.4	73.8	74.2	74.5	74.6	74.7	75.0	75.1
80	72.8	75.6	76.2	76.7	77.0	77.3	77.5	77.6	77.9	77.9
100	74.8	77.7	78.3	78.8	79.2	79.5	79.6	79.7	80.0	80.1
125	75.9	78.8	79.5	80.0	80.4	80.7	80.8	80.9	81.2	81.2
160	76.8	79.6	80.3	80.8	81.2	81.5	81.6	81.8	82.0	82.0
200	77.6	80.5	81.2	81.7	82.2	82.4	82.5	82.7	82.9	82.9
250	78.7	81.6	82.3	82.9	83.3	83.6	83.7	83.8	84.0	84.0
315	79.6	82.5	83.3	83.8	84.3	84.5	84.6	84.7	84.9	84.9
400	80.2	83.2	84.0	84.5	85.0	85.2	85.3	85.4	85.6	85.6
500	80.4	83.5	84.3	84.8	85.3	85.5	85.6	85.7	86.0	86.0
630	80.5	83.6	84.4	84.9	85.3	85.6	85.7	85.8	86.1	86.1
800	80.7	83.9	84.6	85.0	85.5	85.7	85.9	86.0	86.2	86.3
1000	81.2	84.4	85.0	85.5	85.9	86.2	86.3	86.5	86.7	86.8
1250	81.8	85.0	85.6	86.1	86.5	86.8	86.9	87.1	87.4	87.5
1600	82.2	85.5	86.1	86.5	86.9	87.2	87.4	87.6	87.9	88.0
2000	81.7	85.0	85.6	86.0	86.3	86.7	86.9	87.1	87.5	87.6
2500	80.6	83.9	84.4	84.8	85.1	85.4	85.7	85.9	86.3	86.5
3150	78.9	82.3	82.7	83.0	83.3	83.7	83.9	84.2	84.7	85.0
4000	76.3	79.7	80.1	80.3	80.5	80.9	81.3	81.7	82.2	82.5
5000	72.2	75.7	76.2	76.4	76.6	77.0	77.4	77.8	78.3	78.6
6300	66.0	69.6	70.1	70.3	70.5	71.0	71.4	71.8	72.3	72.6
8000	57.1	60.7	61.3	61.5	61.8	62.2	62.6	63.0	63.5	63.8
10000	46.7	50.3	50.9	51.2	51.4	51.9	52.3	52.6	53.2	53.4

Tab. 61: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	52.5	52.7	52.9	52.7	52.5	52.4	52.3	52.3	52.3
25	58.5	58.8	58.9	58.8	58.5	58.4	58.4	58.3	58.3
31.5	63.7	64.1	64.2	64.1	63.8	63.7	63.7	63.6	63.6
40	68.3	68.7	68.9	68.7	68.4	68.3	68.3	68.3	68.2
50	72.2	72.7	72.8	72.7	72.4	72.3	72.3	72.2	72.2
63	75.6	76.1	76.2	76.1	75.8	75.7	75.7	75.6	75.6
80	78.5	79.0	79.1	79.0	78.7	78.6	78.5	78.5	78.5
100	80.6	81.1	81.2	81.0	80.8	80.7	80.6	80.6	80.6
125	81.8	82.2	82.3	82.0	81.7	81.6	81.5	81.5	81.5
160	82.5	82.9	82.9	82.6	82.3	82.2	82.1	82.1	82.1
200	83.4	83.7	83.7	83.4	83.1	82.9	82.8	82.8	82.8
250	84.5	84.7	84.7	84.4	84.1	83.9	83.8	83.8	83.8
315	85.4	85.7	85.6	85.3	85.0	84.7	84.7	84.7	84.7
400	86.1	86.4	86.4	86.1	85.8	85.6	85.5	85.5	85.6
500	86.5	86.9	87.0	86.7	86.4	86.3	86.3	86.3	86.4
630	86.7	87.2	87.3	87.2	87.0	86.9	87.0	87.1	87.3
800	86.9	87.5	87.7	87.6	87.6	87.6	87.8	88.0	88.2
1000	87.4	88.1	88.4	88.4	88.4	88.6	88.8	89.0	89.2
1250	88.1	88.9	89.2	89.3	89.5	89.8	90.0	90.1	90.2
1600	88.7	89.6	90.0	90.1	90.5	90.8	90.9	90.9	90.8
2000	88.3	89.3	89.7	90.0	90.5	90.5	90.4	90.3	90.2
2500	87.3	88.3	88.9	89.3	89.4	89.2	89.0	88.9	88.7
3150	85.7	86.9	87.5	87.8	87.5	87.2	87.0	86.8	86.6
4000	83.2	84.5	85.1	85.1	84.4	84.1	83.8	83.6	83.4
5000	79.4	80.6	81.0	80.7	80.0	79.6	79.4	79.2	78.9
6300	73.4	74.5	74.7	74.3	73.6	73.1	72.9	72.6	72.4
8000	64.5	65.6	65.8	65.4	64.5	64.0	63.7	63.4	63.1
10000	54.2	55.2	55.4	54.9	54.0	53.4	53.1	52.7	52.4

6.4 One-third octave band level E-138 EP3 E2-ST-111-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 62: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.2	50.2	50.7	51.1	51.4	51.6	51.8	51.8	52.1	52.2
25	54.1	56.2	56.7	57.0	57.4	57.6	57.8	57.8	58.0	58.1
31.5	59.1	61.3	61.9	62.2	62.6	62.8	63.0	63.1	63.3	63.4
40	63.5	65.8	66.4	66.8	67.1	67.4	67.5	67.6	67.9	68.0
50	67.3	69.7	70.2	70.6	71.0	71.3	71.5	71.5	71.8	71.9
63	70.5	73.0	73.6	74.0	74.4	74.6	74.8	74.9	75.1	75.3
80	73.3	75.8	76.4	76.8	77.2	77.5	77.7	77.8	78.0	78.1
100	75.4	77.9	78.5	79.0	79.4	79.6	79.8	79.9	80.1	80.3
125	76.5	79.0	79.7	80.1	80.6	80.8	81.0	81.0	81.3	81.4
160	77.3	79.8	80.5	81.0	81.4	81.7	81.8	81.9	82.1	82.2
200	78.2	80.7	81.4	81.9	82.4	82.6	82.7	82.7	83.0	83.0
250	79.3	81.8	82.5	83.0	83.5	83.7	83.8	83.9	84.1	84.1
315	80.2	82.8	83.4	84.0	84.5	84.7	84.8	84.8	85.0	85.0
400	80.8	83.4	84.1	84.6	85.2	85.4	85.4	85.5	85.7	85.7
500	81.0	83.7	84.4	84.9	85.4	85.6	85.7	85.8	86.0	86.1
630	81.1	83.8	84.5	85.0	85.5	85.7	85.8	85.9	86.1	86.2
800	81.3	84.0	84.7	85.1	85.6	85.8	86.0	86.0	86.3	86.4
1000	81.7	84.5	85.1	85.6	86.0	86.2	86.4	86.5	86.8	86.9
1250	82.3	85.1	85.7	86.1	86.6	86.8	87.0	87.1	87.4	87.6
1600	82.7	85.6	86.1	86.5	86.9	87.2	87.4	87.6	87.9	88.1
2000	82.2	85.1	85.6	86.0	86.3	86.6	86.9	87.1	87.4	87.7
2500	81.0	83.9	84.4	84.7	85.0	85.3	85.7	85.9	86.3	86.5
3150	79.2	82.1	82.5	82.8	83.1	83.5	83.8	84.1	84.5	84.8
4000	76.4	79.4	79.7	79.9	80.2	80.6	81.0	81.3	81.8	82.2
5000	72.1	75.2	75.5	75.7	75.9	76.4	76.8	77.2	77.7	78.1
6300	65.5	68.6	69.0	69.2	69.5	69.9	70.4	70.8	71.3	71.6
8000	55.8	59.0	59.5	59.7	60.0	60.5	60.9	61.3	61.8	62.1
10000	44.4	47.6	48.1	48.4	48.7	49.1	49.6	49.9	50.4	50.7

Tab. 63: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	52.7	53.0	53.0	52.8	52.6	52.5	52.5	52.4	52.4
25	58.7	59.1	59.0	58.8	58.6	58.5	58.5	58.5	58.4
31.5	64.0	64.4	64.3	64.1	63.9	63.9	63.8	63.8	63.8
40	68.6	69.0	68.9	68.7	68.5	68.5	68.4	68.4	68.4
50	72.5	73.0	72.9	72.7	72.5	72.4	72.4	72.4	72.3
63	75.9	76.4	76.3	76.1	75.9	75.8	75.8	75.8	75.7
80	78.8	79.3	79.2	79.0	78.8	78.7	78.7	78.6	78.6
100	80.9	81.4	81.3	81.1	80.8	80.8	80.7	80.7	80.7
125	82.0	82.4	82.3	82.0	81.8	81.7	81.7	81.6	81.6
160	82.8	83.1	83.0	82.6	82.4	82.3	82.2	82.2	82.2
200	83.6	83.9	83.7	83.3	83.1	83.0	82.9	82.9	82.9
250	84.7	85.0	84.7	84.4	84.1	84.0	83.9	83.9	83.9
315	85.6	85.9	85.6	85.2	84.9	84.9	84.8	84.8	84.8
400	86.3	86.6	86.4	86.0	85.7	85.7	85.6	85.6	85.6
500	86.8	87.1	87.0	86.6	86.4	86.4	86.4	86.4	86.5
630	86.9	87.4	87.4	87.1	87.0	87.1	87.1	87.2	87.4
800	87.2	87.8	87.8	87.7	87.6	87.8	87.9	88.1	88.3
1000	87.7	88.4	88.5	88.4	88.5	88.8	89.0	89.2	89.3
1250	88.4	89.1	89.3	89.4	89.6	89.9	90.1	90.2	90.3
1600	89.0	89.8	90.0	90.3	90.6	90.8	90.9	90.9	90.8
2000	88.6	89.5	89.8	90.2	90.5	90.5	90.3	90.2	90.1
2500	87.5	88.5	88.9	89.3	89.3	89.1	88.8	88.7	88.5
3150	85.8	87.0	87.4	87.5	87.1	86.9	86.6	86.5	86.3
4000	83.2	84.4	84.7	84.4	83.9	83.6	83.3	83.2	83.0
5000	79.1	80.2	80.3	79.8	79.2	78.9	78.6	78.4	78.2
6300	72.6	73.5	73.5	72.9	72.3	71.9	71.6	71.4	71.2
8000	63.1	63.9	63.9	63.2	62.5	62.1	61.8	61.5	61.2
10000	51.7	52.5	52.4	51.7	50.9	50.5	50.1	49.8	49.5

6.5 One-third octave band level E-138 EP3 E2-ST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 64: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.8	50.5	50.9	51.3	51.7	51.8	52.0	52.1	52.2	52.5
25	54.7	56.4	56.9	57.2	57.6	57.8	57.9	58.0	58.2	58.5
31.5	59.8	61.6	62.1	62.5	62.9	63.0	63.2	63.3	63.4	63.7
40	64.2	66.1	66.6	67.0	67.4	67.6	67.7	67.8	68.0	68.3
50	67.9	69.9	70.5	70.9	71.3	71.5	71.6	71.8	71.9	72.2
63	71.2	73.2	73.8	74.2	74.6	74.8	75.0	75.1	75.3	75.6
80	74.0	76.1	76.6	77.1	77.5	77.7	77.9	78.0	78.1	78.5
100	76.1	78.2	78.8	79.2	79.6	79.8	80.0	80.1	80.3	80.6
125	77.2	79.3	79.9	80.4	80.8	81.0	81.1	81.3	81.4	81.7
160	78.0	80.1	80.7	81.2	81.7	81.8	82.0	82.1	82.2	82.5
200	78.8	81.0	81.6	82.1	82.6	82.7	82.9	83.0	83.1	83.4
250	79.9	82.1	82.7	83.2	83.7	83.9	84.0	84.1	84.2	84.5
315	80.8	83.0	83.7	84.2	84.7	84.8	84.9	85.0	85.1	85.4
400	81.4	83.7	84.3	84.8	85.3	85.5	85.6	85.7	85.8	86.0
500	81.6	84.0	84.6	85.1	85.6	85.7	85.9	86.0	86.1	86.4
630	81.7	84.0	84.7	85.2	85.7	85.8	85.9	86.1	86.2	86.5
800	81.9	84.2	84.8	85.3	85.8	85.9	86.1	86.2	86.4	86.7
1000	82.4	84.7	85.3	85.7	86.2	86.3	86.5	86.6	86.8	87.2
1250	82.9	85.3	85.8	86.2	86.7	86.9	87.1	87.2	87.4	87.8
1600	83.3	85.7	86.2	86.6	87.0	87.2	87.5	87.7	87.9	88.3
2000	82.8	85.1	85.6	85.9	86.4	86.6	86.9	87.1	87.4	87.8
2500	81.5	83.8	84.2	84.6	85.0	85.2	85.5	85.8	86.1	86.6
3150	79.6	81.9	82.2	82.5	82.9	83.2	83.6	83.9	84.2	84.8
4000	76.5	78.9	79.2	79.4	79.7	80.1	80.5	80.9	81.3	81.9
5000	71.9	74.3	74.6	74.8	75.1	75.5	76.0	76.4	76.8	77.4
6300	64.6	67.2	67.5	67.7	68.1	68.5	69.0	69.4	69.8	70.4
8000	54.1	56.6	57.1	57.3	57.7	58.1	58.6	58.9	59.3	59.9
10000	41.3	43.9	44.3	44.6	45.0	45.4	45.9	46.2	46.6	47.2

Tab. 65: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	52.9	53.3	53.1	52.9	52.7	52.7	52.6	52.6	52.6
25	58.9	59.3	59.1	58.9	58.8	58.7	58.6	58.6	58.6
31.5	64.2	64.6	64.5	64.2	64.1	64.0	64.0	63.9	63.9
40	68.8	69.2	69.1	68.8	68.7	68.6	68.6	68.6	68.5
50	72.8	73.2	73.0	72.8	72.7	72.6	72.5	72.5	72.5
63	76.2	76.6	76.4	76.2	76.1	76.0	75.9	75.9	75.9
80	79.1	79.5	79.3	79.1	78.9	78.9	78.8	78.8	78.8
100	81.2	81.6	81.4	81.1	81.0	80.9	80.9	80.9	80.9
125	82.3	82.6	82.4	82.1	81.9	81.9	81.8	81.8	81.8
160	83.1	83.3	83.1	82.7	82.5	82.4	82.4	82.4	82.4
200	83.9	84.1	83.8	83.4	83.2	83.1	83.1	83.1	83.1
250	85.0	85.1	84.8	84.4	84.2	84.1	84.1	84.1	84.1
315	85.9	86.0	85.7	85.2	85.0	84.9	84.9	84.9	84.9
400	86.6	86.8	86.4	86.0	85.8	85.8	85.7	85.8	85.8
500	87.0	87.3	87.0	86.7	86.5	86.5	86.5	86.6	86.7
630	87.2	87.6	87.4	87.2	87.1	87.2	87.3	87.4	87.5
800	87.5	88.0	87.9	87.7	87.8	87.9	88.1	88.3	88.4
1000	88.0	88.6	88.5	88.5	88.7	88.9	89.1	89.3	89.4
1250	88.7	89.3	89.4	89.5	89.8	90.0	90.2	90.3	90.3
1600	89.3	89.9	90.1	90.5	90.8	90.9	90.9	90.8	90.7
2000	88.8	89.6	89.8	90.4	90.4	90.4	90.2	90.1	89.9
2500	87.7	88.5	88.9	89.2	89.0	88.8	88.6	88.4	88.3
3150	86.0	86.9	87.2	87.1	86.7	86.5	86.2	86.1	85.9
4000	83.1	84.0	84.2	83.6	83.2	82.9	82.7	82.5	82.3
5000	78.6	79.4	79.3	78.6	78.1	77.8	77.6	77.4	77.2
6300	71.5	72.1	71.9	71.1	70.6	70.3	70.0	69.8	69.6
8000	61.0	61.5	61.3	60.4	59.9	59.5	59.2	58.9	58.7
10000	48.3	48.8	48.5	47.6	46.9	46.5	46.1	45.8	45.6

6.6 One-third octave band level E-138 EP3 E2-ST-131-FB-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 66: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.8	50.5	50.9	51.3	51.7	51.8	52.0	52.1	52.2	52.5
25	54.7	56.4	56.9	57.2	57.6	57.8	57.9	58.0	58.2	58.5
31.5	59.8	61.6	62.1	62.5	62.9	63.0	63.2	63.3	63.4	63.7
40	64.2	66.1	66.6	67.0	67.4	67.6	67.7	67.8	68.0	68.3
50	67.9	69.9	70.5	70.9	71.3	71.5	71.6	71.8	71.9	72.2
63	71.2	73.2	73.8	74.2	74.6	74.8	75.0	75.1	75.3	75.6
80	74.0	76.1	76.6	77.1	77.5	77.7	77.9	78.0	78.1	78.5
100	76.1	78.2	78.8	79.2	79.6	79.8	80.0	80.1	80.3	80.6
125	77.2	79.3	79.9	80.4	80.8	81.0	81.1	81.3	81.4	81.7
160	78.0	80.1	80.7	81.2	81.7	81.8	82.0	82.1	82.2	82.5
200	78.8	81.0	81.6	82.1	82.6	82.7	82.9	83.0	83.1	83.4
250	79.9	82.1	82.7	83.2	83.7	83.9	84.0	84.1	84.2	84.5
315	80.8	83.0	83.7	84.2	84.7	84.8	84.9	85.0	85.1	85.4
400	81.4	83.7	84.3	84.8	85.3	85.5	85.6	85.7	85.8	86.0
500	81.6	84.0	84.6	85.1	85.6	85.7	85.9	86.0	86.1	86.4
630	81.7	84.0	84.7	85.2	85.7	85.8	85.9	86.1	86.2	86.5
800	81.9	84.2	84.8	85.3	85.8	85.9	86.1	86.2	86.4	86.7
1000	82.4	84.7	85.3	85.7	86.2	86.3	86.5	86.6	86.8	87.2
1250	82.9	85.3	85.8	86.2	86.7	86.9	87.1	87.2	87.4	87.8
1600	83.3	85.7	86.2	86.6	87.0	87.2	87.5	87.7	87.9	88.3
2000	82.8	85.1	85.6	85.9	86.4	86.6	86.9	87.1	87.4	87.8
2500	81.5	83.8	84.2	84.6	85.0	85.2	85.5	85.8	86.1	86.6
3150	79.6	81.9	82.2	82.5	82.9	83.2	83.6	83.9	84.2	84.8
4000	76.5	78.9	79.2	79.4	79.7	80.1	80.5	80.9	81.3	81.9
5000	71.9	74.3	74.6	74.8	75.1	75.5	76.0	76.4	76.8	77.4
6300	64.6	67.2	67.5	67.7	68.1	68.5	69.0	69.4	69.8	70.4
8000	54.1	56.6	57.1	57.3	57.7	58.1	58.6	58.9	59.3	59.9
10000	41.3	43.9	44.3	44.6	45.0	45.4	45.9	46.2	46.6	47.2

Tab. 67: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	52.9	53.3	53.1	52.9	52.7	52.7	52.6	52.6	52.6
25	58.9	59.3	59.1	58.9	58.8	58.7	58.6	58.6	58.6
31.5	64.2	64.6	64.5	64.2	64.1	64.0	64.0	63.9	63.9
40	68.8	69.2	69.1	68.8	68.7	68.6	68.6	68.6	68.5
50	72.8	73.2	73.0	72.8	72.7	72.6	72.5	72.5	72.5
63	76.2	76.6	76.4	76.2	76.1	76.0	75.9	75.9	75.9
80	79.1	79.5	79.3	79.1	78.9	78.9	78.8	78.8	78.8
100	81.2	81.6	81.4	81.1	81.0	80.9	80.9	80.9	80.9
125	82.3	82.6	82.4	82.1	81.9	81.9	81.8	81.8	81.8
160	83.1	83.3	83.1	82.7	82.5	82.4	82.4	82.4	82.4
200	83.9	84.1	83.8	83.4	83.2	83.1	83.1	83.1	83.1
250	85.0	85.1	84.8	84.4	84.2	84.1	84.1	84.1	84.1
315	85.9	86.0	85.7	85.2	85.0	84.9	84.9	84.9	84.9
400	86.6	86.8	86.4	86.0	85.8	85.8	85.7	85.8	85.8
500	87.0	87.3	87.0	86.7	86.5	86.5	86.5	86.6	86.7
630	87.2	87.6	87.4	87.2	87.1	87.2	87.3	87.4	87.5
800	87.5	88.0	87.9	87.7	87.8	87.9	88.1	88.3	88.4
1000	88.0	88.6	88.5	88.5	88.7	88.9	89.1	89.3	89.4
1250	88.7	89.3	89.4	89.5	89.8	90.0	90.2	90.3	90.3
1600	89.3	89.9	90.1	90.5	90.8	90.9	90.9	90.8	90.7
2000	88.8	89.6	89.8	90.4	90.4	90.4	90.2	90.1	89.9
2500	87.7	88.5	88.9	89.2	89.0	88.8	88.6	88.4	88.3
3150	86.0	86.9	87.2	87.1	86.7	86.5	86.2	86.1	85.9
4000	83.1	84.0	84.2	83.6	83.2	82.9	82.7	82.5	82.3
5000	78.6	79.4	79.3	78.6	78.1	77.8	77.6	77.4	77.2
6300	71.5	72.1	71.9	71.1	70.6	70.3	70.0	69.8	69.6
8000	61.0	61.5	61.3	60.4	59.9	59.5	59.2	58.9	58.7
10000	48.3	48.8	48.5	47.6	46.9	46.5	46.1	45.8	45.6

6.7 One-third octave band level E-138 EP3 E2-HST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 68: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.8	50.5	50.9	51.3	51.7	51.8	52.0	52.1	52.2	52.5
25	54.7	56.4	56.9	57.2	57.6	57.8	57.9	58.0	58.2	58.5
31.5	59.8	61.6	62.1	62.5	62.9	63.0	63.2	63.3	63.4	63.7
40	64.2	66.1	66.6	67.0	67.4	67.6	67.7	67.8	68.0	68.3
50	67.9	69.9	70.5	70.9	71.3	71.5	71.6	71.8	71.9	72.2
63	71.2	73.2	73.8	74.2	74.6	74.8	75.0	75.1	75.3	75.6
80	74.0	76.1	76.6	77.1	77.5	77.7	77.9	78.0	78.1	78.5
100	76.1	78.2	78.8	79.2	79.6	79.8	80.0	80.1	80.3	80.6
125	77.2	79.3	79.9	80.4	80.8	81.0	81.1	81.3	81.4	81.7
160	78.0	80.1	80.7	81.2	81.7	81.8	82.0	82.1	82.2	82.5
200	78.8	81.0	81.6	82.1	82.6	82.7	82.9	83.0	83.1	83.4
250	79.9	82.1	82.7	83.2	83.7	83.9	84.0	84.1	84.2	84.5
315	80.8	83.0	83.7	84.2	84.7	84.8	84.9	85.0	85.1	85.4
400	81.4	83.7	84.3	84.8	85.3	85.5	85.6	85.7	85.8	86.0
500	81.6	84.0	84.6	85.1	85.6	85.7	85.9	86.0	86.1	86.4
630	81.7	84.0	84.7	85.2	85.7	85.8	85.9	86.1	86.2	86.5
800	81.9	84.2	84.8	85.3	85.8	85.9	86.1	86.2	86.4	86.7
1000	82.4	84.7	85.3	85.7	86.2	86.3	86.5	86.6	86.8	87.2
1250	82.9	85.3	85.8	86.2	86.7	86.9	87.1	87.2	87.4	87.8
1600	83.3	85.7	86.2	86.6	87.0	87.2	87.5	87.7	87.9	88.3
2000	82.8	85.1	85.6	85.9	86.4	86.6	86.9	87.1	87.4	87.8
2500	81.5	83.8	84.2	84.6	85.0	85.2	85.5	85.8	86.1	86.6
3150	79.6	81.9	82.2	82.5	82.9	83.2	83.6	83.9	84.2	84.8
4000	76.5	78.9	79.2	79.4	79.7	80.1	80.5	80.9	81.3	81.9
5000	71.9	74.3	74.6	74.8	75.1	75.5	76.0	76.4	76.8	77.4
6300	64.6	67.2	67.5	67.7	68.1	68.5	69.0	69.4	69.8	70.4
8000	54.1	56.6	57.1	57.3	57.7	58.1	58.6	58.9	59.3	59.9
10000	41.3	43.9	44.3	44.6	45.0	45.4	45.9	46.2	46.6	47.2

Tab. 69: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	52.9	53.3	53.1	52.9	52.7	52.7	52.6	52.6	52.6
25	58.9	59.3	59.1	58.9	58.8	58.7	58.6	58.6	58.6
31.5	64.2	64.6	64.5	64.2	64.1	64.0	64.0	63.9	63.9
40	68.8	69.2	69.1	68.8	68.7	68.6	68.6	68.6	68.5
50	72.8	73.2	73.0	72.8	72.7	72.6	72.5	72.5	72.5
63	76.2	76.6	76.4	76.2	76.1	76.0	75.9	75.9	75.9
80	79.1	79.5	79.3	79.1	78.9	78.9	78.8	78.8	78.8
100	81.2	81.6	81.4	81.1	81.0	80.9	80.9	80.9	80.9
125	82.3	82.6	82.4	82.1	81.9	81.9	81.8	81.8	81.8
160	83.1	83.3	83.1	82.7	82.5	82.4	82.4	82.4	82.4
200	83.9	84.1	83.8	83.4	83.2	83.1	83.1	83.1	83.1
250	85.0	85.1	84.8	84.4	84.2	84.1	84.1	84.1	84.1
315	85.9	86.0	85.7	85.2	85.0	84.9	84.9	84.9	84.9
400	86.6	86.8	86.4	86.0	85.8	85.8	85.7	85.8	85.8
500	87.0	87.3	87.0	86.7	86.5	86.5	86.5	86.6	86.7
630	87.2	87.6	87.4	87.2	87.1	87.2	87.3	87.4	87.5
800	87.5	88.0	87.9	87.7	87.8	87.9	88.1	88.3	88.4
1000	88.0	88.6	88.5	88.5	88.7	88.9	89.1	89.3	89.4
1250	88.7	89.3	89.4	89.5	89.8	90.0	90.2	90.3	90.3
1600	89.3	89.9	90.1	90.5	90.8	90.9	90.9	90.8	90.7
2000	88.8	89.6	89.8	90.4	90.4	90.4	90.2	90.1	89.9
2500	87.7	88.5	88.9	89.2	89.0	88.8	88.6	88.4	88.3
3150	86.0	86.9	87.2	87.1	86.7	86.5	86.2	86.1	85.9
4000	83.1	84.0	84.2	83.6	83.2	82.9	82.7	82.5	82.3
5000	78.6	79.4	79.3	78.6	78.1	77.8	77.6	77.4	77.2
6300	71.5	72.1	71.9	71.1	70.6	70.3	70.0	69.8	69.6
8000	61.0	61.5	61.3	60.4	59.9	59.5	59.2	58.9	58.7
10000	48.3	48.8	48.5	47.6	46.9	46.5	46.1	45.8	45.6

6.8 One-third octave band level E-138 EP3 E2-HT-149-ES-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 70: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.2	50.7	51.1	51.4	51.8	51.9	52.2	52.3	52.3	52.8
25	55.1	56.6	57.0	57.4	57.8	57.9	58.1	58.3	58.3	58.8
31.5	60.2	61.8	62.3	62.6	63.0	63.2	63.4	63.5	63.6	64.1
40	64.6	66.3	66.8	67.1	67.5	67.7	67.9	68.1	68.2	68.7
50	68.4	70.1	70.6	71.0	71.4	71.6	71.8	72.0	72.1	72.6
63	71.7	73.5	74.0	74.4	74.8	74.9	75.2	75.3	75.4	76.0
80	74.5	76.3	76.8	77.2	77.6	77.8	78.1	78.2	78.3	78.9
100	76.5	78.4	78.9	79.4	79.8	80.0	80.2	80.3	80.4	81.0
125	77.6	79.5	80.1	80.5	81.0	81.1	81.3	81.5	81.6	82.1
160	78.4	80.3	80.9	81.4	81.8	82.0	82.1	82.3	82.4	82.8
200	79.3	81.2	81.8	82.3	82.7	82.9	83.0	83.1	83.2	83.7
250	80.4	82.3	82.9	83.4	83.9	84.0	84.1	84.2	84.3	84.8
315	81.3	83.2	83.8	84.4	84.8	84.9	85.0	85.1	85.2	85.6
400	81.9	83.9	84.5	85.0	85.5	85.6	85.7	85.8	85.9	86.3
500	82.1	84.1	84.7	85.3	85.7	85.8	86.0	86.1	86.2	86.7
630	82.2	84.2	84.8	85.3	85.8	85.9	86.0	86.2	86.3	86.8
800	82.3	84.4	84.9	85.4	85.9	86.0	86.2	86.3	86.4	87.0
1000	82.8	84.8	85.3	85.8	86.2	86.4	86.6	86.7	86.9	87.4
1250	83.3	85.4	85.9	86.3	86.7	86.9	87.1	87.3	87.5	88.1
1600	83.7	85.7	86.2	86.6	87.0	87.2	87.5	87.7	87.9	88.5
2000	83.0	85.1	85.5	85.9	86.3	86.5	86.9	87.1	87.3	88.0
2500	81.7	83.7	84.1	84.4	84.8	85.1	85.5	85.7	86.0	86.7
3150	79.6	81.6	82.0	82.2	82.6	82.9	83.4	83.7	84.0	84.8
4000	76.4	78.4	78.7	78.9	79.2	79.6	80.1	80.5	80.8	81.6
5000	71.4	73.5	73.8	73.9	74.3	74.7	75.3	75.7	76.1	76.9
6300	63.7	65.8	66.2	66.3	66.7	67.2	67.7	68.1	68.5	69.3
8000	52.2	54.5	54.8	55.1	55.5	55.9	56.4	56.8	57.2	57.9
10000	38.3	40.5	40.9	41.2	41.6	42.0	42.5	42.9	43.3	44.0

Tab. 71: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	53.2	53.4	53.2	53.0	52.8	52.8	52.8	52.8	52.7
25	59.2	59.4	59.3	59.0	58.9	58.8	58.8	58.8	58.8
31.5	64.5	64.7	64.6	64.3	64.2	64.1	64.1	64.1	64.1
40	69.1	69.4	69.2	68.9	68.8	68.8	68.7	68.7	68.7
50	73.1	73.3	73.1	72.9	72.8	72.7	72.7	72.7	72.7
63	76.5	76.7	76.5	76.3	76.2	76.1	76.1	76.1	76.1
80	79.4	79.6	79.4	79.2	79.0	79.0	79.0	78.9	78.9
100	81.5	81.7	81.5	81.2	81.1	81.1	81.0	81.0	81.0
125	82.6	82.7	82.5	82.2	82.0	82.0	82.0	82.0	82.0
160	83.3	83.4	83.1	82.8	82.6	82.6	82.5	82.6	82.6
200	84.1	84.1	83.8	83.5	83.3	83.2	83.2	83.2	83.2
250	85.1	85.1	84.8	84.5	84.3	84.2	84.2	84.2	84.2
315	86.0	86.0	85.7	85.3	85.1	85.1	85.0	85.1	85.1
400	86.7	86.8	86.4	86.1	85.9	85.9	85.9	85.9	85.9
500	87.2	87.3	87.0	86.7	86.6	86.6	86.6	86.7	86.8
630	87.4	87.6	87.5	87.3	87.3	87.3	87.4	87.6	87.7
800	87.7	88.0	87.9	87.8	87.9	88.1	88.3	88.4	88.6
1000	88.2	88.6	88.6	88.6	88.8	89.1	89.3	89.4	89.5
1250	89.0	89.4	89.5	89.7	89.9	90.1	90.3	90.3	90.4
1600	89.5	90.0	90.2	90.6	90.8	90.9	90.8	90.8	90.7
2000	89.0	89.6	89.9	90.3	90.3	90.3	90.1	90.0	89.8
2500	87.8	88.5	88.9	89.0	88.8	88.6	88.4	88.2	88.1
3150	86.0	86.7	87.0	86.7	86.3	86.1	85.9	85.7	85.6
4000	83.0	83.6	83.6	82.9	82.6	82.3	82.1	81.9	81.8
5000	78.1	78.6	78.3	77.6	77.2	76.9	76.6	76.5	76.3
6300	70.4	70.7	70.3	69.6	69.1	68.8	68.5	68.3	68.1
8000	59.0	59.3	58.9	58.0	57.5	57.2	56.9	56.6	56.4
10000	45.1	45.4	44.9	43.9	43.3	42.9	42.6	42.3	42.1

6.9 One-third octave band level E-138 EP3 E2-HT-160-ES-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 72: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.4	50.8	51.2	51.6	51.9	52.0	52.2	52.4	52.4	53.0
25	55.3	56.7	57.2	57.5	57.9	58.0	58.2	58.4	58.4	59.0
31.5	60.4	61.9	62.4	62.8	63.1	63.3	63.5	63.7	63.7	64.3
40	64.8	66.4	66.9	67.3	67.6	67.8	68.0	68.2	68.3	68.8
50	68.6	70.2	70.8	71.2	71.5	71.7	71.9	72.1	72.2	72.8
63	71.9	73.6	74.1	74.5	74.9	75.0	75.3	75.5	75.5	76.1
80	74.7	76.4	76.9	77.4	77.7	77.9	78.1	78.4	78.4	79.0
100	76.8	78.5	79.1	79.5	79.9	80.0	80.3	80.5	80.5	81.2
125	77.9	79.6	80.2	80.7	81.1	81.2	81.4	81.6	81.7	82.3
160	78.6	80.4	81.0	81.5	81.9	82.0	82.2	82.4	82.4	83.0
200	79.5	81.3	81.9	82.4	82.8	82.9	83.1	83.2	83.3	83.9
250	80.6	82.4	83.0	83.5	84.0	84.1	84.2	84.3	84.4	84.9
315	81.5	83.3	83.9	84.4	84.9	85.0	85.1	85.2	85.3	85.8
400	82.1	83.9	84.5	85.1	85.5	85.6	85.7	85.9	85.9	86.5
500	82.3	84.2	84.8	85.4	85.8	85.9	86.0	86.2	86.2	86.8
630	82.3	84.3	84.8	85.4	85.8	85.9	86.1	86.3	86.3	87.0
800	82.5	84.4	85.0	85.5	85.9	86.0	86.2	86.4	86.5	87.1
1000	82.9	84.9	85.4	85.9	86.3	86.4	86.6	86.8	86.9	87.6
1250	83.5	85.4	85.9	86.4	86.7	86.9	87.1	87.4	87.5	88.2
1600	83.8	85.7	86.2	86.6	87.0	87.2	87.5	87.8	87.9	88.6
2000	83.1	85.1	85.5	85.9	86.3	86.5	86.8	87.1	87.3	88.1
2500	81.7	83.6	84.0	84.4	84.8	85.0	85.4	85.7	85.9	86.7
3150	79.6	81.5	81.8	82.1	82.5	82.8	83.2	83.6	83.9	84.7
4000	76.2	78.1	78.4	78.6	78.9	79.3	79.8	80.3	80.6	81.4
5000	71.1	73.0	73.3	73.4	73.8	74.3	74.8	75.3	75.6	76.5
6300	63.0	65.0	65.3	65.5	65.9	66.4	66.9	67.4	67.7	68.5
8000	51.0	53.1	53.5	53.7	54.2	54.6	55.1	55.6	55.9	56.7
10000	36.4	38.4	38.8	39.1	39.5	40.0	40.4	40.9	41.2	42.0

Tab. 73: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	53.3	53.5	53.3	53.1	53.0	52.9	52.8	52.9	52.8
25	59.4	59.5	59.3	59.1	59.0	58.9	58.8	58.9	58.8
31.5	64.7	64.8	64.6	64.4	64.3	64.2	64.2	64.2	64.1
40	69.3	69.4	69.2	69.0	68.9	68.8	68.8	68.8	68.8
50	73.3	73.4	73.2	73.0	72.9	72.8	72.7	72.8	72.7
63	76.7	76.8	76.6	76.4	76.3	76.2	76.1	76.2	76.1
80	79.6	79.7	79.5	79.3	79.2	79.1	79.0	79.1	79.0
100	81.7	81.8	81.6	81.3	81.2	81.1	81.1	81.1	81.1
125	82.7	82.8	82.5	82.2	82.1	82.1	82.0	82.0	82.0
160	83.4	83.4	83.1	82.8	82.7	82.6	82.6	82.6	82.6
200	84.2	84.2	83.8	83.5	83.4	83.3	83.3	83.3	83.3
250	85.3	85.2	84.8	84.5	84.4	84.3	84.3	84.3	84.3
315	86.1	86.0	85.6	85.3	85.2	85.1	85.1	85.1	85.2
400	86.9	86.8	86.4	86.1	86.0	85.9	85.9	85.9	86.0
500	87.3	87.3	87.0	86.7	86.7	86.7	86.7	86.8	86.9
630	87.6	87.7	87.4	87.3	87.3	87.4	87.5	87.6	87.8
800	87.8	88.0	87.9	87.9	88.0	88.1	88.3	88.5	88.7
1000	88.4	88.6	88.6	88.7	88.9	89.1	89.3	89.5	89.6
1250	89.1	89.4	89.5	89.7	90.0	90.2	90.3	90.4	90.4
1600	89.6	90.0	90.3	90.6	90.8	90.9	90.8	90.8	90.6
2000	89.1	89.6	90.0	90.4	90.3	90.2	90.0	89.9	89.7
2500	87.9	88.4	88.9	88.9	88.7	88.4	88.2	88.1	88.0
3150	86.0	86.6	86.8	86.5	86.1	85.9	85.7	85.5	85.4
4000	82.8	83.3	83.2	82.6	82.2	81.9	81.7	81.6	81.4
5000	77.7	78.1	77.7	77.0	76.6	76.3	76.1	75.9	75.7
6300	69.7	69.9	69.4	68.7	68.3	67.9	67.6	67.5	67.2
8000	57.8	57.9	57.4	56.6	56.1	55.7	55.4	55.2	55.0
10000	43.1	43.2	42.6	41.7	41.2	40.8	40.4	40.2	39.9

7 Operating mode 98.5 dB

7.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 74: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	49.8	50.0	50.3	50.5	50.9	50.9	51.0	51.2	51.3	51.4	51.5
25	55.7	55.9	56.2	56.5	56.8	56.9	57.0	57.1	57.2	57.3	57.4
31.5	60.8	61.1	61.4	61.6	62.0	62.1	62.1	62.3	62.4	62.6	62.6
40	65.2	65.5	65.8	66.1	66.4	66.5	66.6	66.8	66.9	67.1	67.1
50	69.1	69.4	69.7	69.9	70.3	70.4	70.5	70.7	70.8	70.9	71.0
63	72.4	72.7	73.0	73.3	73.6	73.7	73.8	74.0	74.1	74.3	74.4
80	75.2	75.5	75.8	76.1	76.4	76.6	76.7	76.9	77.0	77.1	77.2
100	77.3	77.6	77.9	78.2	78.6	78.7	78.8	79.0	79.1	79.2	79.3
125	78.4	78.7	79.1	79.4	79.7	79.9	79.9	80.1	80.2	80.4	80.4
160	79.2	79.6	79.9	80.2	80.6	80.7	80.8	81.0	81.0	81.2	81.2
200	80.1	80.4	80.8	81.1	81.5	81.6	81.7	81.8	81.9	82.1	82.1
250	81.2	81.6	81.9	82.3	82.7	82.8	82.8	83.0	83.0	83.2	83.2
315	82.1	82.5	82.8	83.2	83.6	83.7	83.7	83.9	83.9	84.1	84.1
400	82.7	83.1	83.4	83.8	84.3	84.3	84.4	84.5	84.5	84.7	84.7
500	83.0	83.3	83.7	84.0	84.5	84.5	84.6	84.8	84.8	85.0	85.0
630	83.0	83.4	83.7	84.1	84.5	84.6	84.6	84.8	84.8	85.0	85.1
800	83.2	83.5	83.8	84.2	84.6	84.7	84.7	84.9	85.0	85.2	85.2
1000	83.7	84.0	84.3	84.6	85.0	85.1	85.1	85.3	85.4	85.6	85.7
1250	84.2	84.5	84.8	85.1	85.5	85.6	85.7	85.9	86.0	86.2	86.3
1600	84.6	84.9	85.1	85.4	85.8	85.9	86.0	86.3	86.4	86.6	86.8
2000	84.0	84.3	84.5	84.7	85.1	85.2	85.4	85.7	85.8	86.0	86.2
2500	82.7	82.9	83.1	83.3	83.6	83.8	84.0	84.3	84.5	84.8	84.9
3150	80.8	80.9	81.1	81.3	81.5	81.8	82.0	82.3	82.5	82.8	83.1
4000	77.7	77.8	78.0	78.1	78.3	78.6	78.9	79.2	79.5	79.8	80.1
5000	73.1	73.3	73.4	73.5	73.7	74.0	74.3	74.7	75.0	75.3	75.6
6300	66.0	66.1	66.2	66.4	66.6	66.9	67.2	67.6	67.9	68.3	68.5
8000	55.4	55.6	55.8	55.9	56.1	56.5	56.8	57.2	57.5	57.8	58.0

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	42.7	42.9	43.0	43.2	43.4	43.8	44.1	44.5	44.7	45.1	45.3

Tab. 75: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	51.5	51.7	52.1	52.2	52.6	52.4	52.3	52.1	52.1	52.0
25	57.5	57.6	58.1	58.1	58.6	58.4	58.3	58.1	58.1	58.0
31.5	62.7	62.8	63.3	63.4	63.8	63.7	63.5	63.4	63.3	63.3
40	67.2	67.4	67.8	68.0	68.4	68.3	68.1	68.0	67.9	67.9
50	71.1	71.3	71.7	71.9	72.4	72.2	72.0	71.9	71.8	71.8
63	74.4	74.6	75.1	75.3	75.7	75.6	75.4	75.3	75.2	75.2
80	77.3	77.4	77.9	78.2	78.6	78.4	78.3	78.1	78.0	78.0
100	79.4	79.6	80.0	80.3	80.7	80.5	80.3	80.2	80.1	80.1
125	80.5	80.7	81.1	81.3	81.7	81.5	81.2	81.1	81.0	81.0
160	81.3	81.4	81.9	82.0	82.3	82.1	81.8	81.7	81.6	81.6
200	82.1	82.3	82.7	82.7	83.1	82.8	82.5	82.4	82.3	82.2
250	83.2	83.3	83.7	83.8	84.1	83.9	83.5	83.4	83.3	83.2
315	84.1	84.2	84.6	84.6	84.9	84.7	84.4	84.2	84.1	84.1
400	84.7	84.9	85.3	85.4	85.7	85.5	85.1	85.0	84.9	84.9
500	85.0	85.2	85.6	85.8	86.2	86.0	85.8	85.6	85.6	85.6
630	85.1	85.3	85.8	86.1	86.5	86.4	86.2	86.2	86.2	86.2
800	85.3	85.5	86.0	86.4	86.9	86.9	86.7	86.8	86.9	87.0
1000	85.8	86.0	86.5	87.0	87.5	87.5	87.5	87.6	87.8	87.9
1250	86.4	86.6	87.2	87.8	88.3	88.3	88.5	88.7	88.9	89.0
1600	86.9	87.1	87.7	88.4	89.0	89.0	89.4	89.6	89.8	89.8
2000	86.4	86.6	87.2	88.0	88.6	88.8	89.3	89.4	89.4	89.3
2500	85.2	85.4	86.0	86.9	87.6	87.9	88.2	88.1	87.9	87.7
3150	83.3	83.6	84.2	85.3	86.0	86.2	86.1	85.8	85.5	85.4
4000	80.4	80.7	81.4	82.4	83.1	83.0	82.6	82.2	82.0	81.8
5000	75.9	76.2	76.9	77.8	78.3	78.1	77.5	77.2	76.9	76.7
6300	68.8	69.1	69.7	70.5	71.0	70.7	70.1	69.7	69.4	69.2
8000	58.3	58.6	59.2	59.9	60.4	60.1	59.4	59.0	58.6	58.4
10000	45.6	45.9	46.5	47.2	47.6	47.3	46.6	46.1	45.7	45.4

7.2 One-third octave band level E-138 EP3 E2-ST-81-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 76: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-	-

Tab. 77: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-

7.3 One-third octave band level E-138 EP3 E2-ST-96-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 78: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.8	49.5	49.9	50.3	50.6	50.7	50.9	51.1	51.2	51.3
25	53.5	55.4	55.8	56.2	56.6	56.7	56.9	57.0	57.1	57.2
31.5	58.6	60.5	60.9	61.3	61.7	61.9	62.1	62.2	62.3	62.5
40	63.0	65.0	65.4	65.8	66.2	66.3	66.6	66.7	66.9	67.0
50	66.7	68.8	69.2	69.6	70.1	70.2	70.4	70.6	70.7	70.9
63	70.0	72.1	72.5	73.0	73.4	73.5	73.7	73.9	74.1	74.2
80	72.8	74.9	75.4	75.8	76.2	76.4	76.6	76.8	76.9	77.1
100	74.8	77.0	77.5	77.9	78.4	78.5	78.7	78.9	79.0	79.2
125	75.9	78.1	78.6	79.1	79.5	79.7	79.9	80.0	80.2	80.3
160	76.8	78.9	79.5	79.9	80.4	80.5	80.7	80.9	81.0	81.1
200	77.6	79.8	80.4	80.8	81.3	81.4	81.6	81.7	81.8	81.9
250	78.7	80.9	81.5	82.0	82.5	82.6	82.7	82.9	83.0	83.0
315	79.6	81.9	82.4	82.9	83.4	83.5	83.7	83.8	83.9	83.9
400	80.2	82.5	83.1	83.5	84.1	84.2	84.3	84.4	84.5	84.6
500	80.4	82.8	83.3	83.8	84.4	84.4	84.6	84.7	84.8	84.9
630	80.5	82.9	83.4	83.8	84.4	84.5	84.6	84.8	84.9	85.0
800	80.7	83.1	83.6	84.0	84.5	84.6	84.8	85.0	85.1	85.2
1000	81.2	83.6	84.0	84.4	84.9	85.1	85.3	85.4	85.6	85.8
1250	81.8	84.2	84.6	85.0	85.5	85.6	85.9	86.1	86.3	86.5
1600	82.2	84.6	85.0	85.4	85.9	86.0	86.3	86.6	86.8	87.0
2000	81.7	84.2	84.5	84.9	85.3	85.5	85.8	86.1	86.3	86.6
2500	80.6	83.0	83.3	83.6	84.0	84.3	84.6	85.0	85.2	85.6
3150	78.9	81.4	81.6	81.8	82.2	82.5	82.9	83.3	83.6	84.0
4000	76.3	78.7	78.9	79.1	79.4	79.8	80.3	80.7	81.1	81.5
5000	72.2	74.8	74.9	75.1	75.4	75.8	76.3	76.8	77.2	77.6
6300	66.0	68.6	68.8	69.0	69.3	69.8	70.3	70.8	71.2	71.6
8000	57.1	59.7	60.0	60.2	60.6	61.0	61.5	62.0	62.3	62.7
10000	46.7	49.3	49.6	49.8	50.2	50.6	51.1	51.6	52.0	52.3

Tab. 79: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	51.7	52.0	52.2	51.9	51.8	51.7	51.7	51.7	51.6
25	57.7	57.9	58.1	57.9	57.8	57.7	57.7	57.6	57.6
31.5	62.9	63.2	63.4	63.2	63.1	63.0	62.9	62.9	62.9
40	67.4	67.8	68.0	67.7	67.6	67.5	67.5	67.5	67.4
50	71.3	71.7	71.9	71.7	71.6	71.5	71.5	71.4	71.4
63	74.7	75.1	75.3	75.0	74.9	74.8	74.8	74.8	74.7
80	77.5	78.0	78.2	77.9	77.8	77.7	77.7	77.6	77.6
100	79.7	80.1	80.2	80.0	79.8	79.7	79.7	79.7	79.7
125	80.7	81.1	81.2	80.9	80.8	80.7	80.7	80.6	80.6
160	81.5	81.8	81.9	81.5	81.3	81.3	81.2	81.2	81.3
200	82.4	82.5	82.6	82.2	82.0	81.9	81.9	81.9	82.0
250	83.4	83.6	83.6	83.2	83.0	82.9	82.9	82.9	83.0
315	84.3	84.5	84.5	84.1	83.9	83.8	83.8	83.8	83.9
400	85.0	85.2	85.3	84.9	84.7	84.6	84.6	84.7	84.7
500	85.4	85.7	85.8	85.5	85.4	85.4	85.4	85.5	85.6
630	85.5	86.0	86.3	86.0	86.0	86.1	86.2	86.3	86.5
800	85.8	86.4	86.7	86.5	86.6	86.8	87.0	87.2	87.4
1000	86.3	87.0	87.4	87.3	87.6	87.8	88.0	88.2	88.3
1250	87.0	87.8	88.2	88.4	88.7	88.9	89.1	89.2	89.2
1600	87.6	88.5	89.0	89.4	89.7	89.8	89.8	89.8	89.6
2000	87.2	88.3	88.8	89.4	89.5	89.4	89.3	89.1	88.9
2500	86.2	87.4	88.1	88.4	88.2	88.0	87.8	87.6	87.5
3150	84.7	86.0	86.7	86.6	86.2	85.9	85.7	85.5	85.3
4000	82.2	83.5	84.0	83.5	83.1	82.8	82.6	82.4	82.2
5000	78.4	79.5	79.8	79.1	78.6	78.3	78.1	77.9	77.7
6300	72.2	73.2	73.4	72.6	72.2	71.8	71.5	71.3	71.1
8000	63.4	64.3	64.4	63.6	63.1	62.7	62.4	62.1	61.8
10000	53.0	53.9	54.0	53.1	52.5	52.0	51.7	51.3	51.1

7.4 One-third octave band level E-138 EP3 E2-ST-111-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 80: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.2	49.7	50.1	50.4	50.8	50.9	51.1	51.3	51.3	51.5
25	54.1	55.6	56.0	56.3	56.7	56.8	57.0	57.2	57.3	57.4
31.5	59.1	60.7	61.1	61.5	61.9	62.0	62.2	62.4	62.5	62.6
40	63.5	65.2	65.6	66.0	66.4	66.5	66.7	66.9	67.0	67.2
50	67.3	69.0	69.4	69.8	70.2	70.3	70.6	70.8	70.9	71.1
63	70.5	72.3	72.7	73.2	73.5	73.7	73.9	74.1	74.2	74.4
80	73.3	75.1	75.6	76.0	76.4	76.5	76.7	77.0	77.1	77.3
100	75.4	77.2	77.7	78.1	78.5	78.6	78.9	79.1	79.2	79.4
125	76.5	78.3	78.8	79.3	79.7	79.8	80.0	80.2	80.3	80.5
160	77.3	79.1	79.6	80.1	80.5	80.6	80.8	81.0	81.1	81.3
200	78.2	80.0	80.5	81.0	81.5	81.6	81.7	81.9	81.9	82.1
250	79.3	81.1	81.7	82.2	82.6	82.7	82.9	83.0	83.0	83.2
315	80.2	82.0	82.6	83.1	83.6	83.6	83.8	83.9	83.9	84.1
400	80.8	82.7	83.2	83.8	84.2	84.3	84.4	84.6	84.6	84.7
500	81.0	82.9	83.5	84.0	84.4	84.5	84.7	84.8	84.9	85.1
630	81.1	83.0	83.5	84.0	84.5	84.5	84.7	84.9	85.0	85.2
800	81.3	83.2	83.7	84.2	84.6	84.7	84.9	85.1	85.2	85.4
1000	81.7	83.7	84.1	84.6	85.0	85.1	85.3	85.5	85.7	85.9
1250	82.3	84.3	84.7	85.1	85.5	85.7	85.9	86.2	86.3	86.6
1600	82.7	84.7	85.1	85.5	85.9	86.1	86.3	86.6	86.8	87.1
2000	82.2	84.2	84.5	84.9	85.3	85.5	85.8	86.1	86.4	86.7
2500	81.0	82.9	83.2	83.6	83.9	84.2	84.6	84.9	85.2	85.5
3150	79.2	81.2	81.4	81.6	82.0	82.3	82.7	83.2	83.5	83.9
4000	76.4	78.4	78.5	78.7	79.1	79.4	79.9	80.4	80.8	81.2
5000	72.1	74.1	74.3	74.4	74.8	75.2	75.7	76.3	76.7	77.1
6300	65.5	67.5	67.7	67.9	68.3	68.7	69.3	69.8	70.2	70.6
8000	55.8	57.9	58.2	58.4	58.8	59.2	59.7	60.3	60.6	61.0
10000	44.4	46.6	46.8	47.0	47.4	47.9	48.4	48.9	49.2	49.6

Tab. 81: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	52.0	52.3	52.2	52.0	51.9	51.9	51.8	51.8	51.8
25	57.9	58.3	58.2	58.0	57.9	57.8	57.8	57.8	57.8
31.5	63.2	63.5	63.5	63.3	63.2	63.1	63.1	63.0	63.0
40	67.7	68.1	68.0	67.8	67.7	67.7	67.6	67.6	67.6
50	71.6	72.0	72.0	71.8	71.7	71.6	71.6	71.6	71.5
63	75.0	75.4	75.3	75.1	75.0	75.0	74.9	74.9	74.9
80	77.8	78.3	78.2	78.0	77.9	77.8	77.8	77.8	77.8
100	79.9	80.4	80.3	80.0	79.9	79.9	79.8	79.8	79.8
125	81.0	81.4	81.3	81.0	80.9	80.8	80.8	80.8	80.8
160	81.7	82.1	81.9	81.6	81.4	81.4	81.4	81.4	81.4
200	82.5	82.8	82.6	82.3	82.1	82.1	82.0	82.1	82.1
250	83.6	83.8	83.6	83.3	83.1	83.1	83.0	83.0	83.1
315	84.5	84.7	84.5	84.1	84.0	83.9	83.9	83.9	84.0
400	85.2	85.5	85.3	84.9	84.8	84.7	84.7	84.8	84.9
500	85.6	86.0	85.9	85.6	85.5	85.5	85.5	85.6	85.7
630	85.7	86.3	86.3	86.1	86.1	86.2	86.3	86.4	86.6
800	86.0	86.7	86.7	86.7	86.8	87.0	87.1	87.3	87.5
1000	86.6	87.3	87.4	87.5	87.7	87.9	88.2	88.3	88.4
1250	87.3	88.1	88.3	88.6	88.8	89.1	89.2	89.2	89.3
1600	87.9	88.8	89.1	89.5	89.8	89.8	89.8	89.7	89.6
2000	87.5	88.5	88.9	89.4	89.4	89.3	89.2	89.0	88.9
2500	86.4	87.6	88.1	88.3	88.0	87.8	87.6	87.5	87.3
3150	84.9	86.1	86.5	86.2	85.8	85.6	85.4	85.2	85.1
4000	82.2	83.4	83.5	82.9	82.5	82.3	82.1	81.9	81.7
5000	78.1	79.1	78.9	78.2	77.8	77.6	77.3	77.1	76.9
6300	71.5	72.3	72.1	71.3	70.9	70.6	70.3	70.1	69.9
8000	61.9	62.7	62.4	61.6	61.1	60.7	60.4	60.2	59.9
10000	50.5	51.3	51.0	50.0	49.5	49.1	48.7	48.4	48.2

7.5 One-third octave band level E-138 EP3 E2-ST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 82: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.8	49.9	50.3	50.6	50.9	51.1	51.3	51.4	51.5	51.8
25	54.7	55.8	56.2	56.5	56.9	57.0	57.2	57.4	57.5	57.7
31.5	59.8	60.9	61.3	61.7	62.0	62.2	62.4	62.6	62.7	63.0
40	64.2	65.4	65.8	66.2	66.5	66.7	66.9	67.1	67.2	67.5
50	67.9	69.2	69.6	70.0	70.4	70.6	70.8	71.0	71.1	71.4
63	71.2	72.5	73.0	73.3	73.7	73.9	74.1	74.3	74.4	74.7
80	74.0	75.3	75.8	76.2	76.5	76.7	76.9	77.2	77.3	77.6
100	76.1	77.4	77.9	78.3	78.7	78.9	79.0	79.3	79.4	79.7
125	77.2	78.5	79.0	79.5	79.8	80.0	80.2	80.4	80.5	80.8
160	78.0	79.3	79.9	80.4	80.7	80.9	81.0	81.2	81.3	81.5
200	78.8	80.2	80.7	81.3	81.6	81.8	81.9	82.1	82.1	82.3
250	79.9	81.3	81.9	82.4	82.8	82.9	83.0	83.2	83.2	83.4
315	80.8	82.2	82.8	83.3	83.7	83.8	83.9	84.1	84.1	84.3
400	81.4	82.8	83.4	84.0	84.3	84.4	84.5	84.7	84.7	85.0
500	81.6	83.1	83.6	84.2	84.5	84.7	84.8	85.0	85.0	85.3
630	81.7	83.1	83.7	84.2	84.5	84.7	84.8	85.0	85.1	85.4
800	81.9	83.3	83.8	84.3	84.7	84.8	85.0	85.2	85.3	85.6
1000	82.4	83.8	84.2	84.7	85.0	85.2	85.4	85.6	85.8	86.1
1250	82.9	84.3	84.8	85.2	85.6	85.8	86.0	86.2	86.4	86.8
1600	83.3	84.7	85.1	85.5	85.9	86.1	86.4	86.7	86.9	87.3
2000	82.8	84.1	84.5	84.8	85.2	85.5	85.8	86.1	86.3	86.8
2500	81.5	82.8	83.1	83.4	83.8	84.1	84.5	84.8	85.1	85.6
3150	79.6	80.8	81.1	81.3	81.7	82.1	82.5	82.9	83.2	83.8
4000	76.5	77.8	78.0	78.1	78.5	79.0	79.4	79.9	80.3	80.9
5000	71.9	73.2	73.4	73.5	73.9	74.4	74.9	75.4	75.8	76.4
6300	64.6	66.0	66.2	66.4	66.8	67.4	67.9	68.4	68.7	69.3
8000	54.1	55.5	55.8	56.0	56.4	56.9	57.4	57.9	58.2	58.7
10000	41.3	42.8	43.0	43.2	43.7	44.2	44.7	45.2	45.5	46.0

Tab. 83: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	52.2	52.5	52.3	52.1	52.1	52.0	52.0	52.0	51.9
25	58.1	58.5	58.3	58.1	58.0	58.0	58.0	57.9	57.9
31.5	63.4	63.8	63.6	63.4	63.3	63.3	63.2	63.2	63.2
40	68.0	68.4	68.1	67.9	67.9	67.8	67.8	67.8	67.8
50	71.9	72.3	72.1	71.9	71.8	71.8	71.7	71.7	71.7
63	75.3	75.7	75.4	75.2	75.2	75.1	75.1	75.1	75.1
80	78.1	78.5	78.3	78.1	78.0	78.0	78.0	77.9	77.9
100	80.2	80.6	80.4	80.2	80.1	80.0	80.0	80.0	80.0
125	81.3	81.6	81.3	81.1	81.0	81.0	81.0	80.9	80.9
160	82.0	82.3	81.9	81.7	81.6	81.5	81.5	81.6	81.6
200	82.7	83.0	82.6	82.4	82.3	82.2	82.2	82.2	82.3
250	83.8	84.0	83.6	83.4	83.3	83.2	83.2	83.2	83.2
315	84.7	84.9	84.5	84.2	84.1	84.0	84.1	84.1	84.1
400	85.4	85.6	85.2	85.0	84.9	84.9	84.9	84.9	85.0
500	85.8	86.2	85.8	85.6	85.6	85.6	85.7	85.8	85.9
630	86.1	86.5	86.3	86.2	86.3	86.3	86.5	86.6	86.8
800	86.3	86.9	86.8	86.8	87.0	87.1	87.3	87.5	87.6
1000	86.9	87.5	87.5	87.7	87.9	88.1	88.3	88.5	88.5
1250	87.6	88.3	88.4	88.7	89.0	89.2	89.3	89.3	89.3
1600	88.2	89.0	89.3	89.7	89.8	89.8	89.8	89.7	89.5
2000	87.8	88.7	89.2	89.4	89.3	89.2	89.0	88.8	88.7
2500	86.7	87.7	88.1	88.0	87.8	87.6	87.4	87.2	87.1
3150	85.0	86.0	86.1	85.7	85.4	85.2	85.0	84.8	84.7
4000	82.2	83.0	82.7	82.2	81.9	81.6	81.4	81.2	81.1
5000	77.6	78.2	77.7	77.1	76.8	76.5	76.3	76.1	75.9
6300	70.3	70.9	70.3	69.6	69.3	69.0	68.7	68.5	68.3
8000	59.8	60.3	59.6	58.9	58.5	58.1	57.8	57.6	57.4
10000	47.0	47.5	46.8	46.0	45.5	45.1	44.8	44.5	44.2

7.6 One-third octave band level E-138 EP3 E2-ST-131-FB-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 84: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.8	49.9	50.3	50.6	50.9	51.1	51.3	51.4	51.5	51.8
25	54.7	55.8	56.2	56.5	56.9	57.0	57.2	57.4	57.5	57.7
31.5	59.8	60.9	61.3	61.7	62.0	62.2	62.4	62.6	62.7	63.0
40	64.2	65.4	65.8	66.2	66.5	66.7	66.9	67.1	67.2	67.5
50	67.9	69.2	69.6	70.0	70.4	70.6	70.8	71.0	71.1	71.4
63	71.2	72.5	73.0	73.3	73.7	73.9	74.1	74.3	74.4	74.7
80	74.0	75.3	75.8	76.2	76.5	76.7	76.9	77.2	77.3	77.6
100	76.1	77.4	77.9	78.3	78.7	78.9	79.0	79.3	79.4	79.7
125	77.2	78.5	79.0	79.5	79.8	80.0	80.2	80.4	80.5	80.8
160	78.0	79.3	79.9	80.4	80.7	80.9	81.0	81.2	81.3	81.5
200	78.8	80.2	80.7	81.3	81.6	81.8	81.9	82.1	82.1	82.3
250	79.9	81.3	81.9	82.4	82.8	82.9	83.0	83.2	83.2	83.4
315	80.8	82.2	82.8	83.3	83.7	83.8	83.9	84.1	84.1	84.3
400	81.4	82.8	83.4	84.0	84.3	84.4	84.5	84.7	84.7	85.0
500	81.6	83.1	83.6	84.2	84.5	84.7	84.8	85.0	85.0	85.3
630	81.7	83.1	83.7	84.2	84.5	84.7	84.8	85.0	85.1	85.4
800	81.9	83.3	83.8	84.3	84.7	84.8	85.0	85.2	85.3	85.6
1000	82.4	83.8	84.2	84.7	85.0	85.2	85.4	85.6	85.8	86.1
1250	82.9	84.3	84.8	85.2	85.6	85.8	86.0	86.2	86.4	86.8
1600	83.3	84.7	85.1	85.5	85.9	86.1	86.4	86.7	86.9	87.3
2000	82.8	84.1	84.5	84.8	85.2	85.5	85.8	86.1	86.3	86.8
2500	81.5	82.8	83.1	83.4	83.8	84.1	84.5	84.8	85.1	85.6
3150	79.6	80.8	81.1	81.3	81.7	82.1	82.5	82.9	83.2	83.8
4000	76.5	77.8	78.0	78.1	78.5	79.0	79.4	79.9	80.3	80.9
5000	71.9	73.2	73.4	73.5	73.9	74.4	74.9	75.4	75.8	76.4
6300	64.6	66.0	66.2	66.4	66.8	67.4	67.9	68.4	68.7	69.3
8000	54.1	55.5	55.8	56.0	56.4	56.9	57.4	57.9	58.2	58.7
10000	41.3	42.8	43.0	43.2	43.7	44.2	44.7	45.2	45.5	46.0

Tab. 85: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	52.2	52.5	52.3	52.1	52.1	52.0	52.0	52.0	51.9
25	58.1	58.5	58.3	58.1	58.0	58.0	58.0	57.9	57.9
31.5	63.4	63.8	63.6	63.4	63.3	63.3	63.2	63.2	63.2
40	68.0	68.4	68.1	67.9	67.9	67.8	67.8	67.8	67.8
50	71.9	72.3	72.1	71.9	71.8	71.8	71.7	71.7	71.7
63	75.3	75.7	75.4	75.2	75.2	75.1	75.1	75.1	75.1
80	78.1	78.5	78.3	78.1	78.0	78.0	78.0	77.9	77.9
100	80.2	80.6	80.4	80.2	80.1	80.0	80.0	80.0	80.0
125	81.3	81.6	81.3	81.1	81.0	81.0	81.0	80.9	80.9
160	82.0	82.3	81.9	81.7	81.6	81.5	81.5	81.6	81.6
200	82.7	83.0	82.6	82.4	82.3	82.2	82.2	82.2	82.3
250	83.8	84.0	83.6	83.4	83.3	83.2	83.2	83.2	83.2
315	84.7	84.9	84.5	84.2	84.1	84.0	84.1	84.1	84.1
400	85.4	85.6	85.2	85.0	84.9	84.9	84.9	84.9	85.0
500	85.8	86.2	85.8	85.6	85.6	85.6	85.7	85.8	85.9
630	86.1	86.5	86.3	86.2	86.3	86.3	86.5	86.6	86.8
800	86.3	86.9	86.8	86.8	87.0	87.1	87.3	87.5	87.6
1000	86.9	87.5	87.5	87.7	87.9	88.1	88.3	88.5	88.5
1250	87.6	88.3	88.4	88.7	89.0	89.2	89.3	89.3	89.3
1600	88.2	89.0	89.3	89.7	89.8	89.8	89.8	89.7	89.5
2000	87.8	88.7	89.2	89.4	89.3	89.2	89.0	88.8	88.7
2500	86.7	87.7	88.1	88.0	87.8	87.6	87.4	87.2	87.1
3150	85.0	86.0	86.1	85.7	85.4	85.2	85.0	84.8	84.7
4000	82.2	83.0	82.7	82.2	81.9	81.6	81.4	81.2	81.1
5000	77.6	78.2	77.7	77.1	76.8	76.5	76.3	76.1	75.9
6300	70.3	70.9	70.3	69.6	69.3	69.0	68.7	68.5	68.3
8000	59.8	60.3	59.6	58.9	58.5	58.1	57.8	57.6	57.4
10000	47.0	47.5	46.8	46.0	45.5	45.1	44.8	44.5	44.2

7.7 One-third octave band level E-138 EP3 E2-HST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 86: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.8	49.9	50.3	50.6	50.9	51.1	51.3	51.4	51.5	51.8
25	54.7	55.8	56.2	56.5	56.9	57.0	57.2	57.4	57.5	57.7
31.5	59.8	60.9	61.3	61.7	62.0	62.2	62.4	62.6	62.7	63.0
40	64.2	65.4	65.8	66.2	66.5	66.7	66.9	67.1	67.2	67.5
50	67.9	69.2	69.6	70.0	70.4	70.6	70.8	71.0	71.1	71.4
63	71.2	72.5	73.0	73.3	73.7	73.9	74.1	74.3	74.4	74.7
80	74.0	75.3	75.8	76.2	76.5	76.7	76.9	77.2	77.3	77.6
100	76.1	77.4	77.9	78.3	78.7	78.9	79.0	79.3	79.4	79.7
125	77.2	78.5	79.0	79.5	79.8	80.0	80.2	80.4	80.5	80.8
160	78.0	79.3	79.9	80.4	80.7	80.9	81.0	81.2	81.3	81.5
200	78.8	80.2	80.7	81.3	81.6	81.8	81.9	82.1	82.1	82.3
250	79.9	81.3	81.9	82.4	82.8	82.9	83.0	83.2	83.2	83.4
315	80.8	82.2	82.8	83.3	83.7	83.8	83.9	84.1	84.1	84.3
400	81.4	82.8	83.4	84.0	84.3	84.4	84.5	84.7	84.7	85.0
500	81.6	83.1	83.6	84.2	84.5	84.7	84.8	85.0	85.0	85.3
630	81.7	83.1	83.7	84.2	84.5	84.7	84.8	85.0	85.1	85.4
800	81.9	83.3	83.8	84.3	84.7	84.8	85.0	85.2	85.3	85.6
1000	82.4	83.8	84.2	84.7	85.0	85.2	85.4	85.6	85.8	86.1
1250	82.9	84.3	84.8	85.2	85.6	85.8	86.0	86.2	86.4	86.8
1600	83.3	84.7	85.1	85.5	85.9	86.1	86.4	86.7	86.9	87.3
2000	82.8	84.1	84.5	84.8	85.2	85.5	85.8	86.1	86.3	86.8
2500	81.5	82.8	83.1	83.4	83.8	84.1	84.5	84.8	85.1	85.6
3150	79.6	80.8	81.1	81.3	81.7	82.1	82.5	82.9	83.2	83.8
4000	76.5	77.8	78.0	78.1	78.5	79.0	79.4	79.9	80.3	80.9
5000	71.9	73.2	73.4	73.5	73.9	74.4	74.9	75.4	75.8	76.4
6300	64.6	66.0	66.2	66.4	66.8	67.4	67.9	68.4	68.7	69.3
8000	54.1	55.5	55.8	56.0	56.4	56.9	57.4	57.9	58.2	58.7
10000	41.3	42.8	43.0	43.2	43.7	44.2	44.7	45.2	45.5	46.0

Tab. 87: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	52.2	52.5	52.3	52.1	52.1	52.0	52.0	52.0	51.9
25	58.1	58.5	58.3	58.1	58.0	58.0	58.0	57.9	57.9
31.5	63.4	63.8	63.6	63.4	63.3	63.3	63.2	63.2	63.2
40	68.0	68.4	68.1	67.9	67.9	67.8	67.8	67.8	67.8
50	71.9	72.3	72.1	71.9	71.8	71.8	71.7	71.7	71.7
63	75.3	75.7	75.4	75.2	75.2	75.1	75.1	75.1	75.1
80	78.1	78.5	78.3	78.1	78.0	78.0	78.0	77.9	77.9
100	80.2	80.6	80.4	80.2	80.1	80.0	80.0	80.0	80.0
125	81.3	81.6	81.3	81.1	81.0	81.0	81.0	80.9	80.9
160	82.0	82.3	81.9	81.7	81.6	81.5	81.5	81.6	81.6
200	82.7	83.0	82.6	82.4	82.3	82.2	82.2	82.2	82.3
250	83.8	84.0	83.6	83.4	83.3	83.2	83.2	83.2	83.2
315	84.7	84.9	84.5	84.2	84.1	84.0	84.1	84.1	84.1
400	85.4	85.6	85.2	85.0	84.9	84.9	84.9	84.9	85.0
500	85.8	86.2	85.8	85.6	85.6	85.6	85.7	85.8	85.9
630	86.1	86.5	86.3	86.2	86.3	86.3	86.5	86.6	86.8
800	86.3	86.9	86.8	86.8	87.0	87.1	87.3	87.5	87.6
1000	86.9	87.5	87.5	87.7	87.9	88.1	88.3	88.5	88.5
1250	87.6	88.3	88.4	88.7	89.0	89.2	89.3	89.3	89.3
1600	88.2	89.0	89.3	89.7	89.8	89.8	89.8	89.7	89.5
2000	87.8	88.7	89.2	89.4	89.3	89.2	89.0	88.8	88.7
2500	86.7	87.7	88.1	88.0	87.8	87.6	87.4	87.2	87.1
3150	85.0	86.0	86.1	85.7	85.4	85.2	85.0	84.8	84.7
4000	82.2	83.0	82.7	82.2	81.9	81.6	81.4	81.2	81.1
5000	77.6	78.2	77.7	77.1	76.8	76.5	76.3	76.1	75.9
6300	70.3	70.9	70.3	69.6	69.3	69.0	68.7	68.5	68.3
8000	59.8	60.3	59.6	58.9	58.5	58.1	57.8	57.6	57.4
10000	47.0	47.5	46.8	46.0	45.5	45.1	44.8	44.5	44.2

7.8 One-third octave band level E-138 EP3 E2-HT-149-ES-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 88: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.2	50.1	50.4	50.9	51.1	51.3	51.4	51.6	51.7	52.1
25	55.1	55.9	56.3	56.8	57.0	57.2	57.4	57.5	57.6	58.0
31.5	60.2	61.1	61.5	62.0	62.2	62.4	62.6	62.8	62.9	63.3
40	64.6	65.5	66.0	66.4	66.7	66.9	67.1	67.3	67.4	67.8
50	68.4	69.4	69.8	70.3	70.5	70.7	70.9	71.2	71.3	71.7
63	71.6	72.7	73.1	73.6	73.8	74.1	74.3	74.5	74.6	75.0
80	74.4	75.5	76.0	76.4	76.7	76.9	77.1	77.3	77.5	77.9
100	76.5	77.6	78.1	78.6	78.8	79.0	79.2	79.4	79.6	80.0
125	77.6	78.7	79.2	79.7	80.0	80.2	80.3	80.5	80.7	81.1
160	78.4	79.5	80.0	80.6	80.8	81.0	81.2	81.3	81.4	81.8
200	79.3	80.4	80.9	81.5	81.7	81.9	82.0	82.2	82.3	82.7
250	80.4	81.5	82.0	82.6	82.9	83.0	83.1	83.3	83.3	83.7
315	81.2	82.4	82.9	83.5	83.8	83.9	84.0	84.1	84.2	84.6
400	81.8	83.0	83.6	84.1	84.4	84.5	84.6	84.8	84.9	85.3
500	82.1	83.2	83.8	84.4	84.6	84.8	84.9	85.0	85.2	85.6
630	82.1	83.3	83.8	84.4	84.6	84.8	84.9	85.1	85.2	85.7
800	82.3	83.4	83.9	84.5	84.7	84.9	85.0	85.2	85.4	85.9
1000	82.7	83.9	84.3	84.8	85.1	85.3	85.5	85.7	85.9	86.4
1250	83.3	84.4	84.8	85.3	85.6	85.8	86.0	86.3	86.5	87.0
1600	83.6	84.7	85.1	85.6	85.9	86.1	86.4	86.7	86.9	87.5
2000	83.0	84.1	84.4	84.9	85.2	85.5	85.8	86.1	86.3	86.9
2500	81.7	82.6	83.0	83.4	83.7	84.0	84.4	84.7	85.0	85.6
3150	79.6	80.6	80.8	81.1	81.5	81.9	82.3	82.7	83.1	83.7
4000	76.3	77.3	77.4	77.7	78.1	78.5	79.0	79.5	79.9	80.6
5000	71.4	72.3	72.5	72.7	73.1	73.6	74.2	74.7	75.1	75.8
6300	63.6	64.7	64.9	65.1	65.5	66.1	66.6	67.1	67.5	68.1
8000	52.2	53.3	53.5	53.8	54.2	54.8	55.3	55.7	56.1	56.7
10000	38.3	39.3	39.6	39.9	40.3	40.8	41.3	41.8	42.2	42.8

Tab. 89: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	52.4	52.6	52.4	52.3	52.2	52.2	52.1	52.1	52.1
25	58.4	58.6	58.4	58.2	58.2	58.1	58.1	58.1	58.1
31.5	63.6	63.9	63.6	63.5	63.4	63.4	63.4	63.3	63.4
40	68.2	68.5	68.2	68.1	68.0	68.0	67.9	67.9	67.9
50	72.2	72.4	72.1	72.0	71.9	71.9	71.9	71.8	71.9
63	75.5	75.8	75.5	75.4	75.3	75.3	75.2	75.2	75.2
80	78.4	78.6	78.4	78.2	78.2	78.1	78.1	78.1	78.1
100	80.5	80.7	80.4	80.3	80.2	80.2	80.1	80.1	80.1
125	81.5	81.7	81.3	81.2	81.1	81.1	81.1	81.1	81.1
160	82.2	82.3	81.9	81.8	81.7	81.7	81.7	81.7	81.7
200	82.9	83.0	82.6	82.4	82.4	82.3	82.3	82.4	82.4
250	84.0	84.0	83.6	83.4	83.4	83.3	83.3	83.3	83.4
315	84.8	84.9	84.5	84.3	84.2	84.2	84.2	84.2	84.2
400	85.5	85.6	85.2	85.1	85.0	85.0	85.0	85.1	85.1
500	86.0	86.2	85.8	85.7	85.7	85.7	85.8	85.9	86.0
630	86.3	86.5	86.3	86.3	86.4	86.5	86.6	86.7	86.9
800	86.6	86.9	86.8	86.9	87.1	87.3	87.4	87.6	87.7
1000	87.2	87.6	87.6	87.8	88.0	88.2	88.4	88.5	88.6
1250	87.9	88.4	88.5	88.8	89.1	89.2	89.3	89.3	89.3
1600	88.5	89.0	89.4	89.7	89.8	89.8	89.7	89.6	89.5
2000	88.0	88.7	89.2	89.3	89.2	89.0	88.9	88.7	88.6
2500	86.9	87.6	88.0	87.8	87.5	87.3	87.2	87.0	86.9
3150	85.1	85.8	85.7	85.3	85.0	84.8	84.6	84.5	84.4
4000	82.0	82.6	82.0	81.6	81.3	81.0	80.8	80.6	80.5
5000	77.0	77.3	76.6	76.2	75.8	75.6	75.4	75.2	75.0
6300	69.2	69.4	68.6	68.1	67.8	67.5	67.2	67.0	66.8
8000	57.8	58.0	57.1	56.5	56.1	55.8	55.5	55.3	55.1
10000	43.8	44.0	43.0	42.4	41.9	41.5	41.2	40.9	40.7

7.9 One-third octave band level E-138 EP3 E2-HT-160-ES-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 90: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.3	50.2	50.6	51.0	51.2	51.4	51.5	51.7	51.8	52.3
25	55.2	56.0	56.5	56.9	57.1	57.3	57.4	57.6	57.8	58.2
31.5	60.3	61.2	61.6	62.1	62.3	62.5	62.6	62.8	63.0	63.4
40	64.7	65.6	66.1	66.5	66.8	67.0	67.2	67.3	67.5	68.0
50	68.5	69.5	69.9	70.4	70.6	70.9	71.0	71.2	71.4	71.9
63	71.8	72.8	73.3	73.7	74.0	74.2	74.3	74.6	74.7	75.2
80	74.6	75.6	76.1	76.5	76.8	77.0	77.2	77.4	77.6	78.1
100	76.7	77.7	78.2	78.7	78.9	79.2	79.3	79.5	79.7	80.2
125	77.8	78.8	79.3	79.8	80.1	80.3	80.4	80.6	80.8	81.2
160	78.5	79.6	80.2	80.7	80.9	81.1	81.3	81.4	81.5	82.0
200	79.4	80.5	81.0	81.6	81.8	82.0	82.1	82.3	82.4	82.8
250	80.5	81.6	82.1	82.7	82.9	83.1	83.2	83.3	83.4	83.9
315	81.4	82.5	83.0	83.6	83.8	84.0	84.1	84.2	84.3	84.7
400	82.0	83.1	83.6	84.3	84.5	84.6	84.7	84.9	84.9	85.4
500	82.2	83.3	83.9	84.5	84.7	84.8	85.0	85.1	85.2	85.7
630	82.2	83.3	83.9	84.5	84.7	84.8	85.0	85.2	85.3	85.8
800	82.4	83.5	84.0	84.6	84.8	85.0	85.1	85.3	85.5	86.0
1000	82.8	83.9	84.4	84.9	85.1	85.3	85.5	85.7	85.9	86.5
1250	83.4	84.4	84.9	85.4	85.6	85.9	86.1	86.3	86.5	87.1
1600	83.7	84.7	85.2	85.6	85.9	86.2	86.4	86.7	86.9	87.6
2000	83.0	84.0	84.4	84.8	85.1	85.5	85.7	86.1	86.4	87.0
2500	81.6	82.5	82.9	83.3	83.6	84.0	84.3	84.6	85.0	85.7
3150	79.5	80.4	80.6	80.9	81.3	81.7	82.1	82.5	82.9	83.7
4000	76.1	76.9	77.1	77.4	77.8	78.3	78.7	79.2	79.6	80.4
5000	70.9	71.8	72.0	72.2	72.7	73.2	73.7	74.2	74.6	75.4
6300	62.8	63.8	64.0	64.3	64.7	65.3	65.8	66.2	66.7	67.4
8000	50.9	51.9	52.2	52.4	52.9	53.5	53.9	54.4	54.8	55.5
10000	36.2	37.2	37.5	37.8	38.3	38.8	39.2	39.7	40.1	40.8

Tab. 91: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	52.6	52.7	52.5	52.3	52.3	52.2	52.2	52.2	52.2
25	58.6	58.7	58.5	58.3	58.3	58.2	58.2	58.2	58.2
31.5	63.8	64.0	63.7	63.6	63.5	63.5	63.5	63.5	63.4
40	68.4	68.6	68.3	68.2	68.1	68.1	68.0	68.0	68.0
50	72.3	72.5	72.2	72.1	72.0	72.0	72.0	72.0	71.9
63	75.7	75.9	75.6	75.5	75.4	75.3	75.3	75.3	75.3
80	78.6	78.7	78.5	78.3	78.3	78.2	78.2	78.2	78.1
100	80.7	80.8	80.5	80.4	80.3	80.2	80.2	80.2	80.2
125	81.7	81.8	81.4	81.3	81.2	81.2	81.2	81.2	81.2
160	82.3	82.4	82.0	81.8	81.8	81.8	81.8	81.8	81.8
200	83.1	83.1	82.7	82.5	82.4	82.4	82.4	82.5	82.5
250	84.1	84.1	83.7	83.5	83.4	83.4	83.4	83.4	83.5
315	84.9	84.9	84.5	84.3	84.2	84.2	84.2	84.3	84.3
400	85.7	85.6	85.2	85.1	85.0	85.0	85.1	85.1	85.2
500	86.1	86.2	85.9	85.7	85.7	85.8	85.9	86.0	86.1
630	86.4	86.6	86.3	86.3	86.4	86.5	86.7	86.8	87.0
800	86.7	87.0	86.9	87.0	87.1	87.3	87.5	87.7	87.8
1000	87.3	87.6	87.6	87.8	88.1	88.3	88.5	88.6	88.6
1250	88.0	88.4	88.6	88.9	89.1	89.3	89.3	89.3	89.3
1600	88.6	89.0	89.5	89.8	89.8	89.8	89.7	89.6	89.5
2000	88.1	88.7	89.2	89.3	89.2	89.0	88.8	88.7	88.5
2500	87.0	87.6	87.9	87.7	87.4	87.2	87.0	86.9	86.7
3150	85.1	85.7	85.5	85.1	84.9	84.6	84.5	84.3	84.1
4000	81.8	82.3	81.6	81.2	80.9	80.7	80.5	80.3	80.2
5000	76.6	76.8	76.1	75.6	75.3	75.0	74.8	74.6	74.4
6300	68.5	68.5	67.7	67.2	66.9	66.6	66.4	66.2	65.9
8000	56.5	56.6	55.7	55.1	54.7	54.4	54.1	53.9	53.6
10000	41.8	41.8	40.8	40.2	39.8	39.4	39.1	38.8	38.6

8 Operating mode 97.5 dB

8.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 92: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	49.0	49.3	49.7	49.9	50.1	50.2	50.3	50.4	50.6	50.7	50.8
25	54.9	55.1	55.5	55.8	56.0	56.1	56.2	56.3	56.4	56.5	56.7
31.5	60.0	60.2	60.6	60.9	61.1	61.2	61.3	61.5	61.6	61.7	61.9
40	64.4	64.7	65.0	65.3	65.5	65.7	65.8	65.9	66.1	66.2	66.3
50	68.2	68.5	68.9	69.1	69.3	69.5	69.6	69.8	69.9	70.0	70.2
63	71.4	71.7	72.1	72.4	72.6	72.8	72.9	73.1	73.2	73.3	73.5
80	74.2	74.6	75.0	75.2	75.5	75.6	75.7	75.9	76.0	76.2	76.3
100	76.3	76.7	77.1	77.3	77.6	77.7	77.8	78.0	78.2	78.3	78.4
125	77.5	77.8	78.2	78.5	78.7	78.9	79.0	79.1	79.3	79.4	79.5
160	78.3	78.6	79.1	79.4	79.5	79.7	79.8	79.9	80.1	80.1	80.3
200	79.1	79.5	79.9	80.3	80.4	80.6	80.6	80.8	81.0	81.0	81.1
250	80.2	80.6	81.1	81.4	81.6	81.7	81.8	81.9	82.0	82.1	82.2
315	81.1	81.5	81.9	82.3	82.4	82.6	82.6	82.8	82.9	82.9	83.0
400	81.7	82.1	82.5	82.9	83.0	83.2	83.2	83.4	83.5	83.5	83.7
500	81.9	82.3	82.7	83.1	83.2	83.4	83.4	83.6	83.8	83.8	83.9
630	81.9	82.3	82.7	83.1	83.2	83.4	83.5	83.6	83.8	83.8	84.0
800	82.1	82.4	82.9	83.2	83.3	83.5	83.6	83.8	83.9	84.0	84.2
1000	82.5	82.8	83.3	83.6	83.7	83.9	84.0	84.2	84.4	84.5	84.7
1250	83.1	83.4	83.8	84.1	84.3	84.4	84.6	84.8	85.0	85.1	85.3
1600	83.4	83.7	84.1	84.3	84.6	84.8	84.9	85.1	85.4	85.5	85.8
2000	82.8	83.0	83.4	83.6	83.9	84.1	84.3	84.5	84.8	85.0	85.2
2500	81.5	81.6	82.0	82.2	82.5	82.7	82.9	83.2	83.5	83.7	84.0
3150	79.5	79.6	79.9	80.1	80.4	80.7	80.9	81.2	81.5	81.8	82.1
4000	76.4	76.5	76.7	76.8	77.2	77.6	77.8	78.2	78.5	78.8	79.2
5000	71.8	71.9	72.1	72.2	72.6	73.0	73.2	73.6	74.0	74.3	74.7
6300	64.6	64.7	64.9	65.0	65.5	65.8	66.1	66.5	66.9	67.2	67.5
8000	54.0	54.2	54.4	54.6	55.0	55.4	55.6	56.0	56.3	56.6	57.0

One-third octave band level centre frequency in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	41.3	41.4	41.7	41.8	42.3	42.7	42.9	43.3	43.6	43.9	44.3

Tab. 93: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	50.9	51.1	51.5	51.6	51.8	51.7	51.5	51.4	51.3	51.3
25	56.8	57.0	57.4	57.5	57.8	57.6	57.5	57.3	57.3	57.3
31.5	62.0	62.2	62.6	62.8	63.0	62.8	62.7	62.6	62.5	62.5
40	66.5	66.6	67.1	67.3	67.5	67.4	67.2	67.1	67.0	67.0
50	70.3	70.5	70.9	71.2	71.4	71.3	71.1	71.0	70.9	70.9
63	73.6	73.8	74.3	74.5	74.8	74.6	74.5	74.3	74.3	74.3
80	76.5	76.6	77.1	77.4	77.6	77.5	77.3	77.2	77.1	77.1
100	78.6	78.7	79.2	79.5	79.7	79.5	79.4	79.2	79.2	79.2
125	79.7	79.8	80.2	80.5	80.7	80.5	80.3	80.2	80.1	80.1
160	80.4	80.6	81.0	81.2	81.3	81.1	80.8	80.7	80.7	80.7
200	81.2	81.4	81.8	81.9	82.0	81.8	81.5	81.4	81.3	81.3
250	82.3	82.4	82.8	83.0	83.0	82.8	82.5	82.4	82.3	82.3
315	83.2	83.3	83.7	83.8	83.9	83.6	83.4	83.2	83.2	83.1
400	83.8	83.9	84.3	84.5	84.6	84.4	84.1	84.0	84.0	83.9
500	84.1	84.2	84.7	85.0	85.1	84.9	84.7	84.7	84.6	84.7
630	84.2	84.3	84.8	85.3	85.5	85.4	85.2	85.2	85.3	85.3
800	84.4	84.5	85.0	85.6	85.9	85.8	85.7	85.8	85.9	86.1
1000	84.9	85.1	85.6	86.2	86.5	86.5	86.5	86.7	86.9	87.0
1250	85.5	85.7	86.2	87.0	87.3	87.4	87.6	87.8	87.9	88.1
1600	86.0	86.2	86.8	87.5	88.0	88.1	88.5	88.7	88.8	88.8
2000	85.5	85.8	86.3	87.2	87.7	88.0	88.4	88.3	88.2	88.2
2500	84.3	84.6	85.2	86.1	86.7	87.1	87.1	86.9	86.7	86.6
3150	82.4	82.8	83.4	84.5	85.0	85.2	84.9	84.6	84.3	84.2
4000	79.5	79.9	80.5	81.6	82.0	81.8	81.3	81.0	80.8	80.6
5000	75.0	75.4	76.0	76.9	77.2	76.8	76.3	75.9	75.7	75.5
6300	67.8	68.2	68.7	69.5	69.8	69.4	68.8	68.4	68.2	68.0
8000	57.3	57.6	58.2	58.9	59.2	58.7	58.1	57.7	57.4	57.2
10000	44.6	44.9	45.5	46.2	46.4	45.9	45.2	44.8	44.4	44.2

8.2 One-third octave band level E-138 EP3 E2-ST-81-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 94: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-	-

Tab. 95: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-

8.3 One-third octave band level E-138 EP3 E2-ST-96-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 96: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	46.8	48.8	49.2	49.6	49.8	50.0	50.2	50.3	50.5	50.7
25	52.6	54.6	55.0	55.5	55.7	55.9	56.1	56.2	56.4	56.6
31.5	57.7	59.7	60.1	60.6	60.8	61.0	61.3	61.4	61.5	61.8
40	62.0	64.1	64.6	65.0	65.3	65.5	65.7	65.9	66.0	66.3
50	65.8	67.9	68.4	68.8	69.1	69.3	69.6	69.7	69.9	70.1
63	69.0	71.2	71.6	72.1	72.4	72.6	72.8	73.0	73.2	73.4
80	71.8	74.0	74.5	74.9	75.2	75.4	75.7	75.9	76.0	76.3
100	73.9	76.1	76.6	77.1	77.3	77.5	77.8	78.0	78.1	78.4
125	75.0	77.2	77.7	78.2	78.5	78.7	78.9	79.1	79.2	79.5
160	75.8	78.0	78.5	79.1	79.3	79.5	79.7	79.9	80.0	80.2
200	76.7	78.9	79.4	80.0	80.3	80.4	80.6	80.7	80.8	81.0
250	77.8	80.0	80.6	81.1	81.4	81.5	81.7	81.8	81.9	82.1
315	78.7	80.9	81.5	82.1	82.3	82.4	82.6	82.7	82.8	83.0
400	79.3	81.5	82.1	82.7	82.9	83.0	83.2	83.3	83.5	83.6
500	79.5	81.7	82.3	82.9	83.1	83.3	83.4	83.6	83.7	84.0
630	79.6	81.8	82.3	82.9	83.1	83.3	83.5	83.7	83.8	84.1
800	79.8	82.0	82.5	83.0	83.3	83.5	83.7	83.9	84.0	84.3
1000	80.3	82.4	82.9	83.5	83.7	83.9	84.1	84.4	84.6	84.8
1250	80.9	83.0	83.5	84.0	84.3	84.5	84.8	85.0	85.2	85.6
1600	81.3	83.5	83.9	84.4	84.7	84.9	85.3	85.5	85.8	86.1
2000	80.8	82.9	83.3	83.8	84.1	84.4	84.8	85.0	85.3	85.7
2500	79.7	81.8	82.1	82.5	82.9	83.2	83.6	83.9	84.3	84.7
3150	78.0	80.1	80.3	80.6	81.1	81.4	81.9	82.3	82.7	83.2
4000	75.4	77.4	77.6	77.8	78.3	78.8	79.3	79.7	80.1	80.7
5000	71.4	73.4	73.6	73.8	74.3	74.8	75.4	75.8	76.2	76.8
6300	65.1	67.2	67.5	67.7	68.2	68.7	69.3	69.7	70.1	70.6
8000	56.2	58.3	58.6	58.9	59.4	59.9	60.4	60.8	61.2	61.7
10000	45.8	47.9	48.2	48.5	49.0	49.5	50.0	50.5	50.9	51.3

Tab. 97: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	51.1	51.3	51.4	51.1	51.0	51.0	51.0	51.0	51.0
25	57.0	57.3	57.3	57.1	57.0	56.9	56.9	56.9	56.9
31.5	62.2	62.5	62.6	62.3	62.2	62.2	62.1	62.1	62.1
40	66.7	67.0	67.1	66.8	66.8	66.7	66.7	66.7	66.7
50	70.6	70.9	71.0	70.7	70.7	70.6	70.6	70.6	70.6
63	73.9	74.3	74.3	74.1	74.0	73.9	73.9	73.9	73.9
80	76.7	77.2	77.2	76.9	76.9	76.8	76.8	76.8	76.8
100	78.8	79.2	79.3	79.0	78.9	78.8	78.8	78.8	78.8
125	79.9	80.3	80.2	79.9	79.8	79.8	79.8	79.8	79.8
160	80.6	80.9	80.9	80.5	80.4	80.4	80.4	80.4	80.4
200	81.5	81.7	81.6	81.2	81.1	81.0	81.0	81.1	81.1
250	82.5	82.7	82.6	82.2	82.1	82.0	82.0	82.1	82.1
315	83.4	83.6	83.4	83.1	83.0	82.9	82.9	82.9	83.0
400	84.1	84.3	84.2	83.9	83.8	83.7	83.8	83.8	83.9
500	84.4	84.8	84.8	84.5	84.5	84.4	84.5	84.6	84.7
630	84.6	85.2	85.2	85.0	85.1	85.1	85.3	85.4	85.6
800	84.8	85.5	85.7	85.6	85.7	85.9	86.1	86.3	86.5
1000	85.4	86.2	86.4	86.4	86.7	86.9	87.1	87.3	87.4
1250	86.1	87.0	87.3	87.5	87.8	88.0	88.1	88.2	88.2
1600	86.7	87.7	88.1	88.5	88.7	88.8	88.7	88.7	88.6
2000	86.3	87.4	88.0	88.4	88.4	88.3	88.1	88.0	87.9
2500	85.3	86.6	87.2	87.3	87.1	86.8	86.6	86.5	86.4
3150	83.9	85.2	85.7	85.3	85.0	84.7	84.5	84.4	84.3
4000	81.4	82.6	82.8	82.2	81.9	81.6	81.4	81.2	81.1
5000	77.5	78.5	78.5	77.8	77.4	77.1	76.9	76.7	76.5
6300	71.3	72.2	72.1	71.3	70.9	70.6	70.3	70.1	69.9
8000	62.4	63.3	63.1	62.3	61.8	61.4	61.1	60.9	60.7
10000	52.0	52.9	52.7	51.7	51.2	50.7	50.4	50.1	49.9

8.4 One-third octave band level E-138 EP3 E2-ST-111-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 98: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.1	48.9	49.4	49.7	50.0	50.1	50.3	50.5	50.7	50.9
25	52.9	54.8	55.2	55.6	55.9	56.0	56.2	56.4	56.6	56.8
31.5	58.0	59.9	60.3	60.7	61.0	61.2	61.4	61.5	61.7	62.0
40	62.4	64.3	64.7	65.2	65.5	65.6	65.8	66.0	66.2	66.4
50	66.2	68.1	68.6	69.0	69.3	69.4	69.7	69.8	70.1	70.3
63	69.4	71.4	71.8	72.3	72.6	72.7	73.0	73.1	73.4	73.6
80	72.2	74.2	74.7	75.1	75.4	75.6	75.8	76.0	76.2	76.4
100	74.3	76.3	76.8	77.2	77.5	77.7	77.9	78.1	78.3	78.5
125	75.4	77.4	77.9	78.4	78.7	78.8	79.1	79.2	79.4	79.6
160	76.2	78.2	78.8	79.2	79.5	79.7	79.9	80.0	80.2	80.4
200	77.0	79.1	79.7	80.2	80.4	80.5	80.8	80.9	81.0	81.2
250	78.1	80.2	80.8	81.3	81.5	81.6	81.9	81.9	82.1	82.3
315	79.0	81.1	81.7	82.2	82.4	82.5	82.7	82.8	83.0	83.1
400	79.6	81.7	82.3	82.8	83.0	83.1	83.4	83.4	83.6	83.8
500	79.8	81.9	82.5	83.0	83.2	83.4	83.6	83.7	83.9	84.1
630	79.9	81.9	82.5	83.0	83.2	83.4	83.6	83.8	84.0	84.2
800	80.1	82.1	82.7	83.2	83.4	83.5	83.8	83.9	84.2	84.4
1000	80.6	82.5	83.1	83.5	83.8	84.0	84.2	84.4	84.7	85.0
1250	81.1	83.1	83.6	84.1	84.4	84.6	84.8	85.1	85.4	85.7
1600	81.6	83.5	84.0	84.4	84.7	85.0	85.3	85.5	85.9	86.2
2000	81.0	82.9	83.4	83.7	84.1	84.4	84.7	85.0	85.4	85.8
2500	79.8	81.7	82.0	82.4	82.8	83.1	83.5	83.8	84.2	84.7
3150	78.1	79.9	80.1	80.4	80.9	81.3	81.7	82.1	82.6	83.0
4000	75.3	77.0	77.2	77.4	78.0	78.4	78.9	79.4	79.9	80.4
5000	70.9	72.7	72.9	73.1	73.7	74.2	74.7	75.2	75.7	76.2
6300	64.3	66.1	66.4	66.6	67.2	67.7	68.2	68.6	69.1	69.6
8000	54.6	56.5	56.8	57.1	57.7	58.1	58.6	59.1	59.5	60.0
10000	43.2	45.1	45.4	45.7	46.3	46.8	47.3	47.7	48.2	48.6

Tab. 99: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	51.3	51.6	51.4	51.2	51.2	51.1	51.1	51.1	51.1
25	57.3	57.5	57.4	57.2	57.1	57.1	57.0	57.0	57.0
31.5	62.5	62.8	62.6	62.4	62.3	62.3	62.3	62.3	62.3
40	67.0	67.3	67.2	66.9	66.9	66.8	66.8	66.8	66.8
50	70.8	71.2	71.1	70.8	70.8	70.7	70.7	70.7	70.7
63	74.2	74.5	74.4	74.2	74.1	74.1	74.1	74.1	74.0
80	77.0	77.4	77.3	77.0	77.0	76.9	76.9	76.9	76.9
100	79.1	79.5	79.3	79.1	79.0	78.9	78.9	78.9	78.9
125	80.2	80.5	80.3	80.0	79.9	79.9	79.9	79.9	79.9
160	80.9	81.1	80.9	80.6	80.5	80.5	80.5	80.5	80.5
200	81.7	81.9	81.6	81.3	81.2	81.2	81.2	81.2	81.2
250	82.7	82.9	82.6	82.3	82.2	82.2	82.2	82.2	82.2
315	83.6	83.7	83.4	83.2	83.0	83.0	83.0	83.1	83.1
400	84.3	84.5	84.2	83.9	83.8	83.8	83.8	83.9	84.0
500	84.7	85.0	84.8	84.6	84.5	84.6	84.6	84.8	84.8
630	84.9	85.3	85.2	85.1	85.2	85.3	85.4	85.6	85.7
800	85.1	85.7	85.7	85.7	85.9	86.1	86.3	86.5	86.6
1000	85.7	86.4	86.4	86.6	86.8	87.0	87.2	87.4	87.5
1250	86.4	87.2	87.3	87.6	87.9	88.1	88.2	88.2	88.2
1600	87.0	87.9	88.2	88.6	88.8	88.8	88.7	88.6	88.5
2000	86.6	87.6	88.1	88.4	88.3	88.2	88.0	87.9	87.7
2500	85.6	86.7	87.2	87.1	86.8	86.6	86.5	86.3	86.2
3150	84.0	85.2	85.4	84.9	84.6	84.4	84.2	84.1	83.9
4000	81.4	82.4	82.3	81.7	81.3	81.1	80.9	80.7	80.6
5000	77.1	78.0	77.6	77.0	76.6	76.3	76.1	75.9	75.8
6300	70.5	71.2	70.8	70.0	69.7	69.4	69.1	68.9	68.7
8000	60.8	61.6	61.1	60.3	59.8	59.5	59.2	59.0	58.7
10000	49.5	50.2	49.6	48.7	48.2	47.8	47.5	47.2	46.9

8.5 One-third octave band level E-138 EP3 E2-ST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 100: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.5	49.2	49.6	49.9	50.2	50.3	50.6	50.7	50.9	51.2
25	53.3	55.0	55.5	55.8	56.1	56.2	56.5	56.6	56.8	57.1
31.5	58.4	60.1	60.6	60.9	61.2	61.4	61.6	61.7	62.0	62.3
40	62.8	64.5	65.0	65.4	65.6	65.8	66.1	66.2	66.5	66.8
50	66.6	68.3	68.8	69.2	69.5	69.7	69.9	70.1	70.3	70.6
63	69.8	71.6	72.1	72.5	72.7	73.0	73.2	73.4	73.6	74.0
80	72.6	74.4	74.9	75.3	75.6	75.8	76.1	76.2	76.4	76.8
100	74.7	76.5	77.0	77.4	77.7	77.9	78.2	78.3	78.5	78.9
125	75.8	77.6	78.2	78.6	78.8	79.0	79.3	79.4	79.6	79.9
160	76.6	78.4	79.0	79.4	79.7	79.8	80.1	80.2	80.4	80.7
200	77.4	79.3	79.9	80.3	80.6	80.7	80.9	81.0	81.2	81.5
250	78.5	80.4	81.0	81.5	81.7	81.8	82.0	82.1	82.3	82.5
315	79.4	81.2	81.9	82.3	82.6	82.7	82.9	83.0	83.2	83.4
400	80.0	81.8	82.5	82.9	83.2	83.3	83.5	83.6	83.8	84.1
500	80.2	82.0	82.7	83.1	83.4	83.5	83.7	83.9	84.1	84.4
630	80.3	82.1	82.7	83.1	83.4	83.5	83.8	83.9	84.2	84.5
800	80.4	82.2	82.8	83.2	83.5	83.6	83.9	84.1	84.3	84.7
1000	80.9	82.6	83.2	83.6	83.9	84.1	84.4	84.5	84.8	85.2
1250	81.5	83.2	83.7	84.1	84.4	84.6	85.0	85.2	85.5	85.9
1600	81.9	83.6	84.0	84.4	84.7	85.0	85.4	85.6	85.9	86.4
2000	81.3	82.9	83.4	83.7	84.1	84.4	84.8	85.0	85.4	85.9
2500	80.0	81.6	81.9	82.3	82.7	83.0	83.5	83.8	84.2	84.8
3150	78.0	79.6	79.9	80.2	80.6	81.0	81.5	81.9	82.4	83.0
4000	75.0	76.5	76.7	77.0	77.5	78.0	78.5	78.9	79.5	80.1
5000	70.3	71.8	72.0	72.3	72.9	73.4	74.0	74.4	74.9	75.5
6300	63.1	64.6	64.9	65.2	65.8	66.3	66.9	67.2	67.8	68.3
8000	52.5	54.1	54.4	54.7	55.3	55.8	56.4	56.7	57.2	57.8
10000	39.8	41.4	41.7	42.0	42.6	43.1	43.6	44.0	44.5	45.1

Tab. 101: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	51.6	51.8	51.5	51.4	51.3	51.3	51.2	51.2	51.2
25	57.5	57.7	57.5	57.3	57.3	57.2	57.2	57.2	57.2
31.5	62.7	62.9	62.7	62.6	62.5	62.5	62.4	62.4	62.4
40	67.3	67.5	67.2	67.1	67.0	67.0	67.0	67.0	67.0
50	71.2	71.4	71.1	71.0	70.9	70.9	70.9	70.9	70.9
63	74.5	74.7	74.5	74.3	74.3	74.2	74.2	74.2	74.2
80	77.3	77.6	77.3	77.2	77.1	77.1	77.0	77.1	77.1
100	79.4	79.6	79.4	79.2	79.2	79.1	79.1	79.1	79.1
125	80.5	80.6	80.3	80.1	80.1	80.1	80.0	80.1	80.1
160	81.1	81.3	80.9	80.7	80.7	80.6	80.6	80.7	80.7
200	81.9	82.0	81.6	81.4	81.3	81.3	81.3	81.3	81.4
250	82.9	83.0	82.6	82.4	82.3	82.3	82.3	82.3	82.4
315	83.8	83.8	83.4	83.2	83.1	83.1	83.2	83.2	83.2
400	84.5	84.6	84.2	84.0	83.9	84.0	84.0	84.1	84.1
500	84.9	85.1	84.8	84.7	84.6	84.7	84.8	84.9	85.0
630	85.2	85.5	85.2	85.2	85.3	85.5	85.6	85.7	85.9
800	85.5	85.9	85.7	85.8	86.0	86.2	86.4	86.6	86.7
1000	86.1	86.5	86.5	86.7	87.0	87.2	87.4	87.5	87.6
1250	86.8	87.3	87.5	87.8	88.0	88.2	88.2	88.2	88.2
1600	87.4	88.0	88.4	88.7	88.8	88.8	88.6	88.6	88.4
2000	87.0	87.7	88.2	88.3	88.2	88.0	87.8	87.7	87.6
2500	85.9	86.8	87.1	86.9	86.6	86.4	86.2	86.1	86.0
3150	84.3	85.1	84.9	84.5	84.2	84.0	83.8	83.7	83.6
4000	81.3	81.9	81.4	81.0	80.7	80.5	80.2	80.1	80.0
5000	76.7	77.1	76.4	75.9	75.6	75.3	75.1	74.9	74.8
6300	69.4	69.7	68.9	68.4	68.0	67.7	67.5	67.3	67.1
8000	58.8	59.0	58.3	57.6	57.2	56.9	56.6	56.4	56.2
10000	46.1	46.3	45.4	44.7	44.2	43.9	43.5	43.3	43.1

8.6 One-third octave band level E-138 EP3 E2-ST-131-FB-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 102: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.5	49.2	49.6	49.9	50.2	50.3	50.6	50.7	50.9	51.2
25	53.3	55.0	55.5	55.8	56.1	56.2	56.5	56.6	56.8	57.1
31.5	58.4	60.1	60.6	60.9	61.2	61.4	61.6	61.7	62.0	62.3
40	62.8	64.5	65.0	65.4	65.6	65.8	66.1	66.2	66.5	66.8
50	66.6	68.3	68.8	69.2	69.5	69.7	69.9	70.1	70.3	70.6
63	69.8	71.6	72.1	72.5	72.7	73.0	73.2	73.4	73.6	74.0
80	72.6	74.4	74.9	75.3	75.6	75.8	76.1	76.2	76.4	76.8
100	74.7	76.5	77.0	77.4	77.7	77.9	78.2	78.3	78.5	78.9
125	75.8	77.6	78.2	78.6	78.8	79.0	79.3	79.4	79.6	79.9
160	76.6	78.4	79.0	79.4	79.7	79.8	80.1	80.2	80.4	80.7
200	77.4	79.3	79.9	80.3	80.6	80.7	80.9	81.0	81.2	81.5
250	78.5	80.4	81.0	81.5	81.7	81.8	82.0	82.1	82.3	82.5
315	79.4	81.2	81.9	82.3	82.6	82.7	82.9	83.0	83.2	83.4
400	80.0	81.8	82.5	82.9	83.2	83.3	83.5	83.6	83.8	84.1
500	80.2	82.0	82.7	83.1	83.4	83.5	83.7	83.9	84.1	84.4
630	80.3	82.1	82.7	83.1	83.4	83.5	83.8	83.9	84.2	84.5
800	80.4	82.2	82.8	83.2	83.5	83.6	83.9	84.1	84.3	84.7
1000	80.9	82.6	83.2	83.6	83.9	84.1	84.4	84.5	84.8	85.2
1250	81.5	83.2	83.7	84.1	84.4	84.6	85.0	85.2	85.5	85.9
1600	81.9	83.6	84.0	84.4	84.7	85.0	85.4	85.6	85.9	86.4
2000	81.3	82.9	83.4	83.7	84.1	84.4	84.8	85.0	85.4	85.9
2500	80.0	81.6	81.9	82.3	82.7	83.0	83.5	83.8	84.2	84.8
3150	78.0	79.6	79.9	80.2	80.6	81.0	81.5	81.9	82.4	83.0
4000	75.0	76.5	76.7	77.0	77.5	78.0	78.5	78.9	79.5	80.1
5000	70.3	71.8	72.0	72.3	72.9	73.4	74.0	74.4	74.9	75.5
6300	63.1	64.6	64.9	65.2	65.8	66.3	66.9	67.2	67.8	68.3
8000	52.5	54.1	54.4	54.7	55.3	55.8	56.4	56.7	57.2	57.8
10000	39.8	41.4	41.7	42.0	42.6	43.1	43.6	44.0	44.5	45.1

Tab. 103: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	51.6	51.8	51.5	51.4	51.3	51.3	51.2	51.2	51.2
25	57.5	57.7	57.5	57.3	57.3	57.2	57.2	57.2	57.2
31.5	62.7	62.9	62.7	62.6	62.5	62.5	62.4	62.4	62.4
40	67.3	67.5	67.2	67.1	67.0	67.0	67.0	67.0	67.0
50	71.2	71.4	71.1	71.0	70.9	70.9	70.9	70.9	70.9
63	74.5	74.7	74.5	74.3	74.3	74.2	74.2	74.2	74.2
80	77.3	77.6	77.3	77.2	77.1	77.1	77.0	77.1	77.1
100	79.4	79.6	79.4	79.2	79.2	79.1	79.1	79.1	79.1
125	80.5	80.6	80.3	80.1	80.1	80.1	80.0	80.1	80.1
160	81.1	81.3	80.9	80.7	80.7	80.6	80.6	80.7	80.7
200	81.9	82.0	81.6	81.4	81.3	81.3	81.3	81.3	81.4
250	82.9	83.0	82.6	82.4	82.3	82.3	82.3	82.3	82.4
315	83.8	83.8	83.4	83.2	83.1	83.1	83.2	83.2	83.2
400	84.5	84.6	84.2	84.0	83.9	84.0	84.0	84.1	84.1
500	84.9	85.1	84.8	84.7	84.6	84.7	84.8	84.9	85.0
630	85.2	85.5	85.2	85.2	85.3	85.5	85.6	85.7	85.9
800	85.5	85.9	85.7	85.8	86.0	86.2	86.4	86.6	86.7
1000	86.1	86.5	86.5	86.7	87.0	87.2	87.4	87.5	87.6
1250	86.8	87.3	87.5	87.8	88.0	88.2	88.2	88.2	88.2
1600	87.4	88.0	88.4	88.7	88.8	88.8	88.6	88.6	88.4
2000	87.0	87.7	88.2	88.3	88.2	88.0	87.8	87.7	87.6
2500	85.9	86.8	87.1	86.9	86.6	86.4	86.2	86.1	86.0
3150	84.3	85.1	84.9	84.5	84.2	84.0	83.8	83.7	83.6
4000	81.3	81.9	81.4	81.0	80.7	80.5	80.2	80.1	80.0
5000	76.7	77.1	76.4	75.9	75.6	75.3	75.1	74.9	74.8
6300	69.4	69.7	68.9	68.4	68.0	67.7	67.5	67.3	67.1
8000	58.8	59.0	58.3	57.6	57.2	56.9	56.6	56.4	56.2
10000	46.1	46.3	45.4	44.7	44.2	43.9	43.5	43.3	43.1

8.7 One-third octave band level E-138 EP3 E2-HST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 104: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.5	49.2	49.6	49.9	50.2	50.3	50.6	50.7	50.9	51.2
25	53.3	55.0	55.5	55.8	56.1	56.2	56.5	56.6	56.8	57.1
31.5	58.4	60.1	60.6	60.9	61.2	61.4	61.6	61.7	62.0	62.3
40	62.8	64.5	65.0	65.4	65.6	65.8	66.1	66.2	66.5	66.8
50	66.6	68.3	68.8	69.2	69.5	69.7	69.9	70.1	70.3	70.6
63	69.8	71.6	72.1	72.5	72.7	73.0	73.2	73.4	73.6	74.0
80	72.6	74.4	74.9	75.3	75.6	75.8	76.1	76.2	76.4	76.8
100	74.7	76.5	77.0	77.4	77.7	77.9	78.2	78.3	78.5	78.9
125	75.8	77.6	78.2	78.6	78.8	79.0	79.3	79.4	79.6	79.9
160	76.6	78.4	79.0	79.4	79.7	79.8	80.1	80.2	80.4	80.7
200	77.4	79.3	79.9	80.3	80.6	80.7	80.9	81.0	81.2	81.5
250	78.5	80.4	81.0	81.5	81.7	81.8	82.0	82.1	82.3	82.5
315	79.4	81.2	81.9	82.3	82.6	82.7	82.9	83.0	83.2	83.4
400	80.0	81.8	82.5	82.9	83.2	83.3	83.5	83.6	83.8	84.1
500	80.2	82.0	82.7	83.1	83.4	83.5	83.7	83.9	84.1	84.4
630	80.3	82.1	82.7	83.1	83.4	83.5	83.8	83.9	84.2	84.5
800	80.4	82.2	82.8	83.2	83.5	83.6	83.9	84.1	84.3	84.7
1000	80.9	82.6	83.2	83.6	83.9	84.1	84.4	84.5	84.8	85.2
1250	81.5	83.2	83.7	84.1	84.4	84.6	85.0	85.2	85.5	85.9
1600	81.9	83.6	84.0	84.4	84.7	85.0	85.4	85.6	85.9	86.4
2000	81.3	82.9	83.4	83.7	84.1	84.4	84.8	85.0	85.4	85.9
2500	80.0	81.6	81.9	82.3	82.7	83.0	83.5	83.8	84.2	84.8
3150	78.0	79.6	79.9	80.2	80.6	81.0	81.5	81.9	82.4	83.0
4000	75.0	76.5	76.7	77.0	77.5	78.0	78.5	78.9	79.5	80.1
5000	70.3	71.8	72.0	72.3	72.9	73.4	74.0	74.4	74.9	75.5
6300	63.1	64.6	64.9	65.2	65.8	66.3	66.9	67.2	67.8	68.3
8000	52.5	54.1	54.4	54.7	55.3	55.8	56.4	56.7	57.2	57.8
10000	39.8	41.4	41.7	42.0	42.6	43.1	43.6	44.0	44.5	45.1

Tab. 105: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	51.6	51.8	51.5	51.4	51.3	51.3	51.2	51.2	51.2
25	57.5	57.7	57.5	57.3	57.3	57.2	57.2	57.2	57.2
31.5	62.7	62.9	62.7	62.6	62.5	62.5	62.4	62.4	62.4
40	67.3	67.5	67.2	67.1	67.0	67.0	67.0	67.0	67.0
50	71.2	71.4	71.1	71.0	70.9	70.9	70.9	70.9	70.9
63	74.5	74.7	74.5	74.3	74.3	74.2	74.2	74.2	74.2
80	77.3	77.6	77.3	77.2	77.1	77.1	77.0	77.1	77.1
100	79.4	79.6	79.4	79.2	79.2	79.1	79.1	79.1	79.1
125	80.5	80.6	80.3	80.1	80.1	80.1	80.0	80.1	80.1
160	81.1	81.3	80.9	80.7	80.7	80.6	80.6	80.7	80.7
200	81.9	82.0	81.6	81.4	81.3	81.3	81.3	81.3	81.4
250	82.9	83.0	82.6	82.4	82.3	82.3	82.3	82.3	82.4
315	83.8	83.8	83.4	83.2	83.1	83.1	83.2	83.2	83.2
400	84.5	84.6	84.2	84.0	83.9	84.0	84.0	84.1	84.1
500	84.9	85.1	84.8	84.7	84.6	84.7	84.8	84.9	85.0
630	85.2	85.5	85.2	85.2	85.3	85.5	85.6	85.7	85.9
800	85.5	85.9	85.7	85.8	86.0	86.2	86.4	86.6	86.7
1000	86.1	86.5	86.5	86.7	87.0	87.2	87.4	87.5	87.6
1250	86.8	87.3	87.5	87.8	88.0	88.2	88.2	88.2	88.2
1600	87.4	88.0	88.4	88.7	88.8	88.8	88.6	88.6	88.4
2000	87.0	87.7	88.2	88.3	88.2	88.0	87.8	87.7	87.6
2500	85.9	86.8	87.1	86.9	86.6	86.4	86.2	86.1	86.0
3150	84.3	85.1	84.9	84.5	84.2	84.0	83.8	83.7	83.6
4000	81.3	81.9	81.4	81.0	80.7	80.5	80.2	80.1	80.0
5000	76.7	77.1	76.4	75.9	75.6	75.3	75.1	74.9	74.8
6300	69.4	69.7	68.9	68.4	68.0	67.7	67.5	67.3	67.1
8000	58.8	59.0	58.3	57.6	57.2	56.9	56.6	56.4	56.2
10000	46.1	46.3	45.4	44.7	44.2	43.9	43.5	43.3	43.1

8.8 One-third octave band level E-138 EP3 E2-HT-149-ES-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 106: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.8	49.3	49.8	50.1	50.4	50.5	50.7	50.9	51.1	51.5
25	53.6	55.2	55.7	56.0	56.3	56.4	56.6	56.8	57.0	57.4
31.5	58.7	60.3	60.8	61.1	61.4	61.5	61.8	62.0	62.2	62.6
40	63.1	64.7	65.2	65.5	65.8	66.0	66.2	66.4	66.6	67.1
50	66.9	68.5	69.0	69.4	69.7	69.8	70.1	70.3	70.5	70.9
63	70.2	71.8	72.3	72.6	72.9	73.1	73.4	73.6	73.8	74.2
80	73.0	74.6	75.1	75.5	75.8	76.0	76.2	76.4	76.6	77.1
100	75.0	76.7	77.2	77.6	77.9	78.1	78.3	78.5	78.7	79.2
125	76.1	77.8	78.4	78.7	79.0	79.2	79.4	79.6	79.8	80.2
160	76.9	78.6	79.2	79.6	79.9	80.0	80.2	80.4	80.6	81.0
200	77.8	79.4	80.1	80.5	80.7	80.9	81.1	81.2	81.4	81.8
250	78.9	80.6	81.2	81.6	81.8	82.0	82.2	82.2	82.4	82.8
315	79.7	81.4	82.0	82.5	82.7	82.8	83.0	83.1	83.3	83.7
400	80.3	82.0	82.6	83.1	83.3	83.4	83.6	83.7	83.9	84.3
500	80.5	82.2	82.8	83.2	83.5	83.6	83.8	84.0	84.2	84.6
630	80.6	82.2	82.8	83.2	83.5	83.6	83.9	84.0	84.3	84.7
800	80.7	82.3	82.9	83.3	83.6	83.8	84.0	84.2	84.4	84.9
1000	81.2	82.7	83.3	83.7	84.0	84.2	84.4	84.6	84.9	85.4
1250	81.7	83.3	83.8	84.2	84.5	84.7	85.0	85.3	85.6	86.1
1600	82.0	83.6	84.1	84.4	84.8	85.0	85.4	85.7	86.0	86.6
2000	81.4	82.9	83.3	83.7	84.1	84.4	84.7	85.1	85.4	86.0
2500	80.0	81.4	81.8	82.2	82.6	82.9	83.3	83.7	84.1	84.8
3150	77.9	79.3	79.6	79.9	80.4	80.8	81.3	81.7	82.2	82.9
4000	74.6	75.9	76.2	76.5	77.1	77.5	78.0	78.5	79.0	79.8
5000	69.7	71.0	71.2	71.5	72.1	72.6	73.2	73.7	74.2	74.9
6300	61.9	63.3	63.6	63.9	64.5	65.0	65.5	66.0	66.5	67.2
8000	50.5	51.9	52.2	52.6	53.2	53.6	54.2	54.6	55.1	55.8
10000	36.5	37.9	38.3	38.6	39.2	39.7	40.2	40.7	41.2	41.8

Tab. 107: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	51.8	51.9	51.6	51.5	51.4	51.4	51.4	51.4	51.4
25	57.7	57.8	57.6	57.4	57.4	57.4	57.3	57.3	57.4
31.5	63.0	63.1	62.8	62.7	62.6	62.6	62.6	62.6	62.6
40	67.5	67.6	67.3	67.2	67.2	67.1	67.1	67.1	67.1
50	71.4	71.5	71.2	71.1	71.1	71.0	71.0	71.0	71.0
63	74.8	74.8	74.6	74.5	74.4	74.4	74.4	74.4	74.4
80	77.6	77.7	77.4	77.3	77.2	77.2	77.2	77.2	77.2
100	79.7	79.7	79.5	79.3	79.3	79.2	79.2	79.2	79.3
125	80.7	80.7	80.4	80.3	80.2	80.2	80.2	80.2	80.2
160	81.4	81.3	81.0	80.8	80.8	80.8	80.8	80.8	80.8
200	82.1	82.0	81.7	81.5	81.4	81.4	81.4	81.5	81.5
250	83.1	83.0	82.6	82.5	82.4	82.4	82.4	82.5	82.5
315	84.0	83.8	83.5	83.3	83.2	83.3	83.3	83.3	83.4
400	84.7	84.6	84.2	84.1	84.0	84.1	84.1	84.2	84.3
500	85.1	85.1	84.8	84.8	84.7	84.8	84.9	85.0	85.2
630	85.4	85.5	85.3	85.3	85.4	85.6	85.7	85.9	86.0
800	85.7	85.9	85.8	86.0	86.2	86.4	86.5	86.7	86.8
1000	86.3	86.6	86.6	86.9	87.1	87.3	87.5	87.6	87.6
1250	87.1	87.4	87.6	87.9	88.1	88.2	88.3	88.3	88.2
1600	87.6	88.1	88.5	88.7	88.8	88.7	88.6	88.5	88.4
2000	87.2	87.8	88.3	88.2	88.1	87.9	87.7	87.6	87.5
2500	86.1	86.8	86.9	86.6	86.4	86.2	86.0	85.9	85.8
3150	84.3	84.9	84.5	84.1	83.9	83.7	83.5	83.4	83.2
4000	81.2	81.4	80.7	80.3	80.1	79.9	79.7	79.5	79.4
5000	76.1	76.1	75.3	74.9	74.6	74.4	74.2	74.0	73.9
6300	68.2	68.2	67.3	66.9	66.5	66.3	66.0	65.8	65.7
8000	56.8	56.7	55.8	55.3	54.9	54.6	54.3	54.1	53.9
10000	42.8	42.7	41.7	41.1	40.6	40.3	40.0	39.8	39.5

8.9 One-third octave band level E-138 EP3 E2-HT-160-ES-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 108: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.0	49.5	49.9	50.2	50.4	50.6	50.8	51.0	51.2	51.6
25	53.8	55.3	55.7	56.1	56.3	56.5	56.7	56.9	57.1	57.6
31.5	58.9	60.4	60.9	61.2	61.5	61.6	61.9	62.0	62.3	62.7
40	63.3	64.8	65.3	65.6	65.9	66.1	66.3	66.5	66.8	67.2
50	67.1	68.6	69.1	69.5	69.7	69.9	70.2	70.4	70.6	71.1
63	70.4	71.9	72.4	72.7	73.0	73.2	73.5	73.7	73.9	74.4
80	73.2	74.7	75.2	75.6	75.8	76.0	76.3	76.5	76.8	77.2
100	75.2	76.8	77.3	77.7	77.9	78.2	78.4	78.6	78.9	79.3
125	76.3	77.9	78.5	78.8	79.1	79.3	79.5	79.7	79.9	80.4
160	77.1	78.7	79.3	79.7	79.9	80.1	80.3	80.5	80.7	81.1
200	78.0	79.5	80.2	80.6	80.8	80.9	81.1	81.3	81.5	81.9
250	79.0	80.6	81.3	81.7	81.9	82.0	82.2	82.3	82.5	82.9
315	79.9	81.5	82.1	82.6	82.7	82.9	83.1	83.2	83.4	83.8
400	80.5	82.1	82.7	83.1	83.3	83.5	83.7	83.8	84.0	84.4
500	80.7	82.2	82.9	83.3	83.5	83.7	83.9	84.1	84.3	84.7
630	80.7	82.3	82.9	83.3	83.5	83.7	83.9	84.1	84.3	84.9
800	80.9	82.4	83.0	83.4	83.6	83.8	84.0	84.2	84.5	85.0
1000	81.3	82.8	83.4	83.7	84.0	84.2	84.5	84.7	85.0	85.5
1250	81.8	83.3	83.8	84.2	84.5	84.7	85.0	85.3	85.6	86.2
1600	82.1	83.6	84.1	84.4	84.8	85.0	85.4	85.7	86.0	86.7
2000	81.4	82.8	83.3	83.7	84.0	84.3	84.7	85.0	85.5	86.1
2500	80.0	81.3	81.7	82.1	82.5	82.9	83.3	83.6	84.1	84.8
3150	77.9	79.1	79.4	79.8	80.2	80.7	81.1	81.6	82.1	82.8
4000	74.4	75.6	75.9	76.2	76.8	77.2	77.8	78.2	78.8	79.6
5000	69.2	70.5	70.7	71.0	71.6	72.1	72.7	73.2	73.7	74.5
6300	61.2	62.4	62.7	63.1	63.7	64.2	64.7	65.2	65.7	66.4
8000	49.2	50.5	50.8	51.2	51.8	52.3	52.8	53.3	53.8	54.5
10000	34.5	35.8	36.1	36.6	37.1	37.6	38.2	38.6	39.1	39.8

Tab. 109: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	51.9	51.9	51.7	51.6	51.5	51.5	51.5	51.5	51.5
25	57.9	57.9	57.7	57.6	57.5	57.5	57.4	57.4	57.4
31.5	63.1	63.1	62.9	62.8	62.7	62.7	62.7	62.7	62.7
40	67.7	67.6	67.4	67.3	67.2	67.2	67.2	67.2	67.2
50	71.6	71.5	71.3	71.2	71.1	71.1	71.1	71.1	71.1
63	74.9	74.9	74.7	74.6	74.5	74.5	74.5	74.5	74.5
80	77.8	77.7	77.5	77.4	77.3	77.3	77.3	77.3	77.3
100	79.8	79.8	79.6	79.5	79.3	79.3	79.3	79.3	79.4
125	80.8	80.7	80.5	80.3	80.3	80.3	80.3	80.3	80.3
160	81.5	81.3	81.0	80.9	80.9	80.8	80.9	80.9	80.9
200	82.2	82.0	81.7	81.5	81.5	81.5	81.5	81.6	81.6
250	83.2	83.0	82.7	82.5	82.5	82.5	82.5	82.5	82.6
315	84.0	83.8	83.5	83.3	83.3	83.3	83.4	83.4	83.4
400	84.8	84.6	84.3	84.1	84.1	84.1	84.2	84.3	84.3
500	85.2	85.1	84.9	84.8	84.8	84.9	85.0	85.1	85.2
630	85.5	85.5	85.4	85.4	85.5	85.6	85.8	86.0	86.1
800	85.8	85.9	85.9	86.0	86.2	86.4	86.6	86.8	86.9
1000	86.4	86.6	86.7	86.9	87.2	87.4	87.5	87.6	87.6
1250	87.2	87.4	87.7	88.0	88.2	88.3	88.3	88.3	88.2
1600	87.7	88.1	88.6	88.8	88.7	88.7	88.6	88.5	88.4
2000	87.3	87.8	88.3	88.2	88.0	87.8	87.7	87.5	87.4
2500	86.1	86.8	86.8	86.5	86.2	86.0	85.9	85.8	85.7
3150	84.3	84.7	84.3	83.9	83.6	83.5	83.3	83.2	83.0
4000	80.9	81.0	80.4	80.0	79.7	79.5	79.3	79.2	79.1
5000	75.7	75.5	74.8	74.4	74.1	73.8	73.6	73.5	73.3
6300	67.4	67.2	66.5	66.0	65.6	65.4	65.2	65.0	64.8
8000	55.5	55.2	54.4	53.9	53.4	53.2	52.9	52.7	52.5
10000	40.8	40.4	39.5	39.0	38.5	38.1	37.8	37.6	37.4

Technical data sheet

Power-optimised sound modes

ENERCON E-138 EP3 E2 / 4200 kW wind energy converter
with TES (Trailing Edge Serrations)

Publisher

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Dokument-ID	Titel
DIN 45645-1:1996	Ermittlung von Beurteilungspegeln aus Messungen – Teil 1: Geräuschimmissionen in der Nachbarschaft (Determination of rating levels from measurement data – Part 1: Noise immission in the neighbourhood)
DIN 45681:2005	Akustik – Bestimmung der Tonhaltigkeit von Geräuschen und Ermittlung eines Tonzuschlages für die Beurteilung von Geräuschimmissionen (Acoustics – Determination of tonal components of noise and determination of a tone adjustment for the assessment of noise immissions)
IEC 61400-11:2012	Wind turbines – Part 11: Acoustic noise measurement techniques
IEC 61400-12-1:2017	Wind energy generation systems – Part 12-1: Power performance measurements of electricity producing wind turbines
TR 1:2008	Technische Richtlinien für Windenergieanlagen Teil 1: Bestimmung der Schallemissionswerte (Technical regulations for wind energy converters - Part 1: Determination of noise emission values)
DIN EN ISO 266:1997	Akustik Normfrequenzen
-	Power Performance Warranty for ENERCON Wind Energy Converters

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List of abbreviations

Abbreviations

HH	Hub height
HST	Hybrid steel tower
HT	Hybrid tower
ST	Steel tower

Variables, units, formulas

L_O	Octave band level
L_T	One-third octave band level
v_H	Wind speed at hub height
v_s	Standardised wind speed
σ_P	Serial product variation
σ_R	Uncertainty in measurement

1 Available operating modes

The table below shows which operating modes are available for what tower versions or hub heights.

Tab. 1: Available operating modes

Operating mode	Tower version or hub height (HH)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-13-1-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
	HH 81 m	HH 96 m	HH 111 m	HH 131 m	HH 131 m	HH 131 m	HH 149 m	HH 160 m
102.5 dB	x	x	x	-	-	-	x	x
101.5 dB	x	x	x	-	-	-	x	x
100.5 dB	x	x	x	-	-	x	x	x
99.5 dB	x	x	x	x	x	x	x	x
98.5 dB	⁻¹	x	x	x	x	x	x	x
97.5 dB	⁻¹	x	x	x	x	x	x	x

x = Available

⁻¹ = Available on request after site-specific check

- = Not available

2 Power Performance

The power values, power coefficients (c_p values) and thrust coefficients (c_t values) given in this document are predicted values. Based on the current development status of this wind energy converter type, ENERCON considers it sufficiently likely that these values will be reached. The power performance of the wind energy converter is only guaranteed under the conditions described in the document 'Power Performance Warranty for ENERCON Wind Energy Converters'.

2.1 Site

The power, c_p and c_t curves listed in this document have been calculated for the conditions described in tab. 2, p. 9 with undamaged leading edges and clean rotor blades. The calculations are based on experience with wind energy converters in a wide variety of locations. The availability of a power-optimised sound mode is dependent on the tower type chosen and requires project-specific approval by WRD Wobben Research and Development GmbH.

Tab. 2: Site conditions

Parameter	Value (10-minute mean)
Standard air density	1.225 kg/m ³
Turbulence intensity	According to ch. 2.3, p. 10
Wind shear exponent	0.0 to 0.3
Maximum difference of wind direction between upper and lower blade tip	10°
Maximum flow inclination	±2°
Terrain	According to IEC 61400-12-1:2017
Snow/ice	No
Rain	No

Otherwise, the framework conditions according to IEC 61400-12-1:2017.

2.2 Operating parameters

The settings of the wind energy converter's reactive power generation and wind farm open-loop and closed-loop control systems influence the power performance. The calculated power, c_p and c_t curves listed in this document apply only to operation without limitations.

2.3 Turbulence intensity

The table below defines the validity range of the power, c_p and c_t characteristic curves in relation to the degrees of turbulence intensity that may prevail on site. See the tab. 2, p. 9 for further restrictions.

Tab. 3: Turbulence intensity

Wind speed in m/s	Lower limit of turbulence intensity in %	Upper limit of turbulence intensity in %
0.00	20.00	40.00
0.50	20.00	40.00
1.00	20.00	40.00
1.50	20.00	40.00
2.00	20.00	40.00
2.50	20.00	40.00
3.00	18.32	34.02
3.50	16.45	30.55
4.00	15.05	27.95
4.50	13.96	25.93
5.00	13.09	24.31
5.50	12.38	22.99
6.00	11.78	21.88
6.50	11.28	20.95
7.00	10.85	20.15
7.50	10.48	19.46
8.00	10.15	18.85
8.50	9.86	18.31
9.00	9.61	17.84
9.50	9.38	17.41
10.00	9.17	17.03
10.50	8.98	16.68
11.00	8.81	16.37
11.50	8.66	16.08
12.00	8.52	15.82
12.50	8.39	15.57
13.00	8.27	15.35
13.50	8.15	15.14
14.00	8.05	14.95
14.50	7.95	14.77
15.00	7.86	14.60

Wind speed in m/s	Lower limit of turbulence intensity in %	Upper limit of turbulence intensity in %
15.50	7.78	14.45
16.00	7.70	14.30
16.50	7.63	14.16
17.00	7.56	14.03
17.50	7.49	13.91
18.00	7.43	13.79
18.50	7.37	13.69
19.00	7.31	13.58
19.50	7.26	13.48
20.00	7.21	13.39
20.50	7.16	13.30
21.00	7.12	13.22
21.50	7.07	13.14
22.00	7.03	13.06
22.50	6.99	12.99
23.00	6.95	12.92
23.50	6.92	12.85
24.00	6.88	12.78
24.50	6.85	12.72
25.00	6.82	12.66
25.50	6.79	12.60
26.00	6.76	12.55
26.50	6.73	12.50
27.00	6.70	12.45
27.50	6.68	12.40
28.00	6.65	12.35

3 Information on sound power levels

Allocation of the sound power levels to the standardised wind speed (v_s) at a height of 10 m is valid only if based on a logarithmic wind shear law with a roughness length of 0.05 m. Allocation of the sound power levels to the wind speed at hub height (v_H) is valid for all hub heights (HH). During measurements, the wind speed is determined based on the power output and the power curve.

The maximum tonal noise KTN across the entire power range is 1 dB (applies to close range acc. to TR 1:2008 of the Federation of German Windpower and DIN 45681:2005) or $\Delta L_{a,k} < 2$ dB (applies to close range acc. to IEC 61400-11:2012).

The impulse noise KIN across the entire power range is 0 dB (applies to close range acc. to TR 1:2008 and DIN 45645-1:1996).

Due to uncertainty in acoustic measurements (σ_R) and serial product variation (σ_P), the sound power level values indicated in this document are subject to an uncertainty of $\sigma_R = 0.5$ dB(A) and $\sigma_P = 1.2$ dB(A). Standards are TR 1:2008 and IEC 61400-11:2012. If, during measurement, the difference between total noise and extraneous noise is less than 6 dB(A), a greater uncertainty should be assumed.

This data sheet does not constitute a project-specific and/or site-specific warranty of compliance with sound power levels.

3.1 Information on octave band levels

The specified octave band levels of the loudest condition of the tower have been simulated from the one-third octave band level values defined in the frequency bands of DIN EN ISO 266:1997. An octave band level L_O is calculated from 3 one-third octave band levels L_{T1} , L_{T2} and L_{T3} according to the following formula:

$$L_O = 10 \times \log\left(10^{\frac{L_{T1}}{10}} + 10^{\frac{L_{T2}}{10}} + 10^{\frac{L_{T3}}{10}}\right)$$

The individual octave band level values cannot be guaranteed. Only the cumulative level of all octave band levels for each wind speed, which corresponds to the sound power level at that particular wind speed, is a guaranteed quantity.

4 Operating mode 102.5 dB

4.1 Calculated power, c_p and c_t values – operating mode 102.5 dB

Tab. 4: Calculated power, c_p and c_t values for E-138 EP3 E2 / 4200 kW – operating mode 102.5 dB

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	2	0.06	0.50
2.00	12	0.16	1.12
2.50	38	0.26	1.15
3.00	86	0.35	1.06
3.50	160	0.40	0.98
4.00	260	0.44	0.94
4.50	387	0.46	0.91
5.00	534	0.46	0.88
5.50	706	0.46	0.85
6.00	902	0.45	0.81
6.50	1119	0.44	0.77
7.00	1353	0.43	0.74
7.50	1600	0.41	0.70
8.00	1854	0.39	0.66
8.50	2108	0.37	0.62
9.00	2360	0.35	0.58
9.50	2604	0.33	0.54
10.00	2836	0.31	0.50
10.50	3050	0.29	0.46
11.00	3241	0.26	0.42
11.50	3402	0.24	0.39
12.00	3530	0.22	0.35
12.50	3625	0.20	0.32
13.00	3693	0.18	0.29
13.50	3737	0.16	0.26
14.00	3765	0.15	0.23
14.50	3782	0.13	0.21

Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.00	3791	0.12	0.19
15.50	3796	0.11	0.17
16.00	3799	0.10	0.16
16.50	3800	0.09	0.14
17.00	3800	0.08	0.13
17.50	3800	0.08	0.12
18.00	3800	0.07	0.11
18.50	3800	0.07	0.10
19.00	3800	0.06	0.09
19.50	3800	0.06	0.09
20.00	3800	0.05	0.08
20.50	3799	0.05	0.08
21.00	3790	0.04	0.07
21.50	3768	0.04	0.07
22.00	3729	0.04	0.06
22.50	3666	0.04	0.06
23.00	3572	0.03	0.05
23.50	3441	0.03	0.05
24.00	3270	0.03	0.04
24.50	3074	0.02	0.04
25.00	2610	0.02	0.03
25.50	2290	0.02	0.03
26.00	1985	0.01	0.02
26.50	1688	0.01	0.02
27.00	1409	0.01	0.02
27.50	1157	0.01	0.01
28.00	972	0.01	0.01

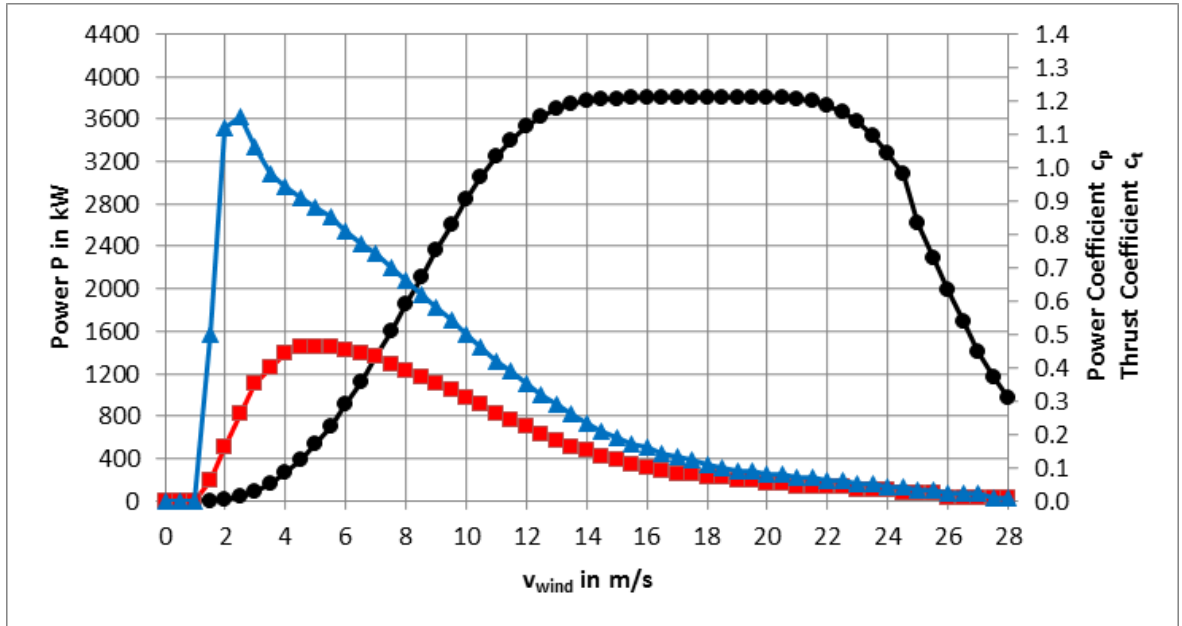


Fig. 1: Power, c_p and c_t curve for E-138 EP3 E2 / 4200 kW – operating mode 102.5 dB

	Power P in kW
	c_t value
	c_p value

4.2 Calculated sound power levels – operating mode 102.5 dB

In operating mode 102.5 dB the wind energy converter operates in a power-optimised mode. The highest expected sound power level is 102.5 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 5: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	3800	kW
Nominal wind speed	15.5	m/s
Minimum operating speed		
■ E-138 EP3 E2-ST-81-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-96-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-111-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-131-FB-C-01	-	rpm
■ E-138 EP3 E2-ST-131-FB-C-02	-	rpm
■ E-138 EP3 E2-HST-131-FB-C-01	-	rpm
■ E-138 EP3 E2-HT-149-ES-C-02	5.0	rpm
■ E-138 EP3 E2-HT-160-ES-C-01	5.0	rpm
Speed setpoint	9.7	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 3, p. 12.

Tab. 6: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
3 m/s	91.6	92.2	92.7	-	-	-	93.7	93.9
3.5 m/s	95.4	96.0	96.4	-	-	-	97.2	97.4
4 m/s	98.2	98.4	98.6	-	-	-	98.9	99.0
4.5 m/s	99.0	99.1	99.2	-	-	-	99.4	99.4
5 m/s	99.5	99.6	99.7	-	-	-	99.8	99.9
5.5 m/s	99.9	100.1	100.2	-	-	-	100.4	100.4
6 m/s	100.4	100.5	100.7	-	-	-	100.8	100.9
6.5 m/s	100.8	100.9	101.0	-	-	-	101.1	101.1
7 m/s	101.1	101.1	101.2	-	-	-	101.3	101.4
7.5 m/s	101.3	101.4	101.5	-	-	-	101.7	101.7

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-13 1-FB-C-01	E-138 EP3 E2-HT-149 -ES-C-02	E-138 EP3 E2-HT-160 -ES-C-01
8 m/s	101.6	101.8	101.9	-	-	-	102.3	102.4
8.5 m/s	102.2	102.4	102.4	-	-	-	102.5	102.5
9 m/s	102.5	102.5	102.5	-	-	-	102.5	102.5
9.5 m/s	102.5	102.5	102.5	-	-	-	102.5	102.5
10 m/s	102.5	102.5	102.5	-	-	-	102.5	102.5
10.5 m/s	102.5	102.5	102.5	-	-	-	102.5	102.5
11 m/s	102.5	102.5	102.5	-	-	-	102.5	102.5
11.5 m/s	102.5	102.5	102.5	-	-	-	102.5	102.5
12 m/s	102.5	102.5	102.5	-	-	-	102.5	102.5
95 % P_n	102.5	102.5	102.5	-	-	-	102.5	102.5

Tab. 7: Calculated sound power level in dB(A), based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	96.0
5.5 m/s	98.1
6 m/s	98.9
6.5 m/s	99.2
7 m/s	99.5
7.5 m/s	99.8
8 m/s	100.2
8.5 m/s	100.5
9 m/s	100.8
9.5 m/s	101.0
10 m/s	101.1
10.5 m/s	101.3
11 m/s	101.5
11.5 m/s	101.8
12 m/s	102.3
12.5 m/s	102.5
13 m/s	102.5
13.5 m/s	102.5
14 m/s	102.5

Wind speed at hub height (v_H)	Sound power level in dB(A)
14.5 m/s	102.5
15 m/s	102.5

4.3 Octave band levels of the loudest condition

4.3.1 Octave band level at HH

Tab. 8: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
12.5	73.1	84.5	90.1	92.8	95.0	96.5	97.2	92.2	76.0

4.3.2 Octave band level E-138 EP3 E2-ST-81-FB-C-01

Tab. 9: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
9	72.6	84.1	89.6	92.4	94.7	96.3	97.3	93.4	80.0

4.3.3 Octave band level E-138 EP3 E2-ST-96-FB-C-01

Tab. 10: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
9	72.7	84.1	89.7	92.4	94.7	96.3	97.4	93.1	78.8

4.3.4 Octave band level E-138 EP3 E2-ST-111-FB-C-01

Tab. 11: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
9	72.8	84.2	89.7	92.4	94.8	96.4	97.4	92.9	77.5

4.3.5 Octave band level E-138 EP3 E2-ST-131-FB-C-01

Tab. 12: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
-	-	-	-	-	-	-	-	-	-

4.3.6 Octave band level E-138 EP3 E2-ST-131-FB-C-02

Tab. 13: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
-	-	-	-	-	-	-	-	-	-

4.3.7 Octave band level E-138 EP3 E2-HST-131-FB-C-01

Tab. 14: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
-	-	-	-	-	-	-	-	-	-

4.3.8 Octave band level E-138 EP3 E2-HT-149-ES-C-02

Tab. 15: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	73.2	84.6	90.1	92.8	95.0	96.6	97.2	91.9	74.5

4.3.9 Octave band level E-138 EP3 E2-HT-160-ES-C-01

Tab. 16: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	73.3	84.7	90.2	92.8	95.0	96.6	97.2	91.8	73.7

5 Operating mode 101.5 dB

5.1 Calculated power, c_p and c_t values – operating mode 101.5 dB

Tab. 17: Calculated power, c_p and c_t values for E-138 EP3 E2 / 4200 kW – operating mode 101.5 dB

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	2	0.06	0.50
2.00	12	0.16	1.12
2.50	38	0.26	1.15
3.00	86	0.35	1.06
3.50	160	0.40	0.98
4.00	260	0.44	0.93
4.50	386	0.46	0.90
5.00	531	0.46	0.86
5.50	698	0.45	0.82
6.00	886	0.44	0.78
6.50	1089	0.43	0.74
7.00	1303	0.41	0.69
7.50	1522	0.39	0.65
8.00	1741	0.37	0.60
8.50	1957	0.35	0.56
9.00	2168	0.32	0.51
9.50	2374	0.30	0.47
10.00	2572	0.28	0.44
10.50	2761	0.26	0.40
11.00	2938	0.24	0.37
11.50	3097	0.22	0.34
12.00	3233	0.20	0.31
12.50	3344	0.19	0.29
13.00	3429	0.17	0.26
13.50	3491	0.15	0.24
14.00	3533	0.14	0.22
14.50	3561	0.13	0.20

Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.00	3579	0.12	0.18
15.50	3589	0.10	0.16
16.00	3595	0.10	0.15
16.50	3598	0.09	0.13
17.00	3599	0.08	0.12
17.50	3600	0.07	0.11
18.00	3600	0.07	0.10
18.50	3600	0.06	0.10
19.00	3600	0.06	0.09
19.50	3600	0.05	0.08
20.00	3600	0.05	0.08
20.50	3600	0.05	0.07
21.00	3598	0.04	0.07
21.50	3588	0.04	0.06
22.00	3565	0.04	0.06
22.50	3525	0.03	0.06
23.00	3461	0.03	0.05
23.50	3368	0.03	0.05
24.00	3238	0.03	0.04
24.50	3084	0.02	0.04
25.00	2701	0.02	0.03
25.50	2411	0.02	0.03
26.00	2119	0.01	0.02
26.50	1824	0.01	0.02
27.00	1541	0.01	0.02
27.50	1280	0.01	0.01
28.00	1085	0.01	0.01

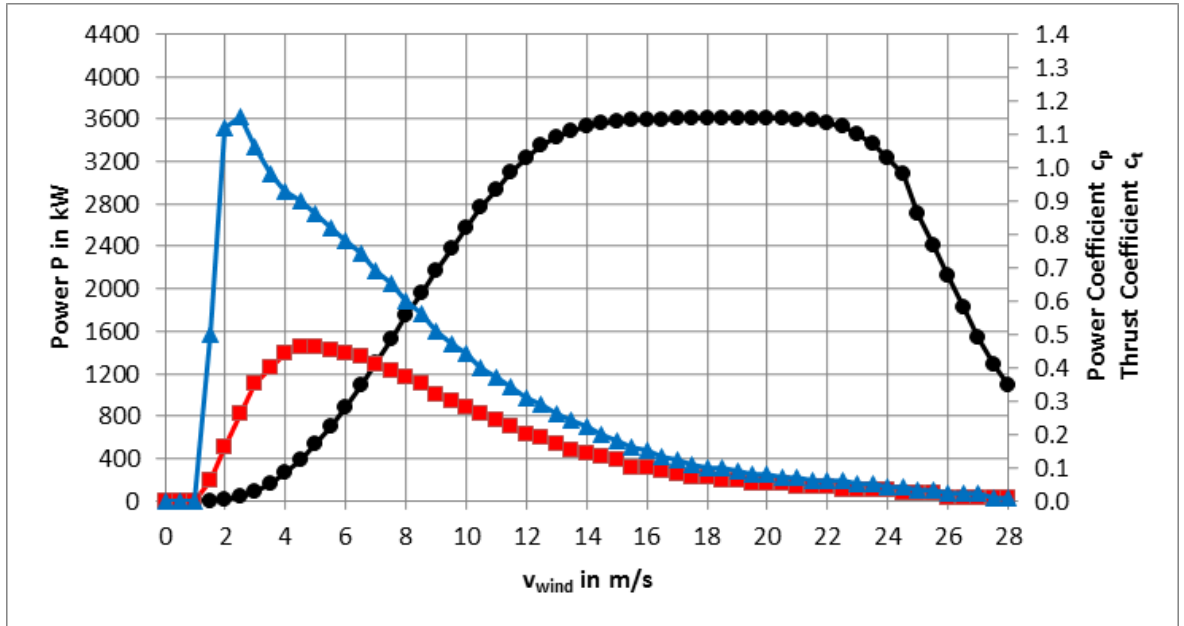


Fig. 2: Power, c_p and c_t curve for E-138 EP3 E2 / 4200 kW – operating mode 101.5 dB

	Power P in kW
	c_t value
	c_p value

5.2 Calculated sound power levels – operating mode 101.5 dB

In operating mode 101.5 dB the wind energy converter operates in a power-optimised mode. The highest expected sound power level is 101.5 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 18: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	3600	kW
Nominal wind speed	16.0	m/s
Minimum operating speed		
■ E-138 EP3 E2-ST-81-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-96-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-111-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-131-FB-C-01	-	rpm
■ E-138 EP3 E2-ST-131-FB-C-02	-	rpm
■ E-138 EP3 E2-HST-131-FB-C-01	-	rpm
■ E-138 EP3 E2-HT-149-ES-C-02	5.0	rpm
■ E-138 EP3 E2-HT-160-ES-C-01	5.0	rpm
Speed setpoint	9.2	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 3, p. 12.

Tab. 19: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
3 m/s	91.6	92.2	92.7	-	-	-	93.7	93.9
3.5 m/s	95.4	96.0	96.2	-	-	-	96.6	96.7
4 m/s	97.2	97.3	97.3	-	-	-	97.5	97.6
4.5 m/s	97.7	97.8	97.8	-	-	-	98.1	98.1
5 m/s	98.2	98.3	98.4	-	-	-	98.6	98.7
5.5 m/s	98.7	98.8	98.9	-	-	-	99.0	99.0
6 m/s	99.0	99.1	99.2	-	-	-	99.3	99.3
6.5 m/s	99.3	99.4	99.4	-	-	-	99.5	99.6
7 m/s	99.5	99.6	99.7	-	-	-	99.8	99.9
7.5 m/s	99.8	99.9	100.0	-	-	-	100.1	100.1

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-13 1-FB-C-01	E-138 EP3 E2-HT-149 -ES-C-02	E-138 EP3 E2-HT-160 -ES-C-01
8 m/s	100.0	100.1	100.2	-	-	-	100.7	100.8
8.5 m/s	100.5	100.7	101.0	-	-	-	101.2	101.3
9 m/s	101.1	101.2	101.3	-	-	-	101.5	101.5
9.5 m/s	101.4	101.5	101.5	-	-	-	101.5	101.5
10 m/s	101.5	101.5	101.5	-	-	-	101.5	101.5
10.5 m/s	101.5	101.5	101.5	-	-	-	101.5	101.5
11 m/s	101.5	101.5	101.5	-	-	-	101.5	101.5
11.5 m/s	101.5	101.5	101.5	-	-	-	101.5	101.5
12 m/s	101.5	101.5	101.5	-	-	-	101.5	101.5
95 % P_n	101.5	101.5	101.5	-	-	-	101.5	101.5

Tab. 20: Calculated sound power level in dB(A), based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	96.0
5.5 m/s	97.1
6 m/s	97.5
6.5 m/s	97.8
7 m/s	98.2
7.5 m/s	98.6
8 m/s	98.9
8.5 m/s	99.1
9 m/s	99.3
9.5 m/s	99.4
10 m/s	99.6
10.5 m/s	99.8
11 m/s	100.0
11.5 m/s	100.1
12 m/s	100.6
12.5 m/s	101.1
13 m/s	101.3
13.5 m/s	101.5
14 m/s	101.5

Wind speed at hub height (v_H)	Sound power level in dB(A)
14.5 m/s	101.5
15 m/s	101.5

5.3 Octave band levels of the loudest condition

5.3.1 Octave band level at HH

Tab. 21: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
13.5	72.3	83.5	89.0	91.5	93.8	95.4	96.4	91.5	74.7

5.3.2 Octave band level E-138 EP3 E2-ST-81-FB-C-01

Tab. 22: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
10	71.7	82.9	88.3	90.9	93.2	95.2	96.7	92.7	78.3

5.3.3 Octave band level E-138 EP3 E2-ST-96-FB-C-01

Tab. 23: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
9.5	71.9	83.2	88.6	91.2	93.5	95.3	96.5	92.3	77.4

5.3.4 Octave band level E-138 EP3 E2-ST-111-FB-C-01

Tab. 24: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
9.5	72.0	83.3	88.7	91.2	93.5	95.4	96.6	92.0	76.0

5.3.5 Octave band level E-138 EP3 E2-ST-131-FB-C-01

Tab. 25: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
-	-	-	-	-	-	-	-	-	-

5.3.6 Octave band level E-138 EP3 E2-ST-131-FB-C-02

Tab. 26: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
-	-	-	-	-	-	-	-	-	-

5.3.7 Octave band level E-138 EP3 E2-HST-131-FB-C-01

Tab. 27: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
-	-	-	-	-	-	-	-	-	-

5.3.8 Octave band level E-138 EP3 E2-HT-149-ES-C-02

Tab. 28: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
9	72.4	83.7	89.1	91.6	93.9	95.5	96.3	91.1	73.2

5.3.9 Octave band level E-138 EP3 E2-HT-160-ES-C-01

Tab. 29: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
9	72.5	83.7	89.1	91.6	93.9	95.5	96.3	90.9	72.2

6 Operating mode 100.5 dB

6.1 Calculated power, c_p and c_t values – operating mode 100.5 dB

 Tab. 30: Calculated power, c_p and c_t values for E-138 EP3 E2 / 4200 kW – operating mode 100.5 dB

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	2	0.06	0.50
2.00	12	0.16	1.12
2.50	38	0.26	1.15
3.00	86	0.35	1.06
3.50	160	0.40	0.98
4.00	260	0.44	0.93
4.50	385	0.46	0.89
5.00	528	0.46	0.85
5.50	692	0.45	0.80
6.00	873	0.44	0.76
6.50	1067	0.42	0.71
7.00	1269	0.40	0.67
7.50	1473	0.38	0.62
8.00	1675	0.35	0.57
8.50	1873	0.33	0.53
9.00	2066	0.31	0.49
9.50	2252	0.28	0.45
10.00	2428	0.26	0.41
10.50	2590	0.24	0.38
11.00	2733	0.22	0.35
11.50	2852	0.20	0.32
12.00	2946	0.18	0.29
12.50	3016	0.17	0.26
13.00	3064	0.15	0.23
13.50	3096	0.14	0.21
14.00	3116	0.12	0.19
14.50	3128	0.11	0.17

Wind speed v in m/s	Power P in kW	c _p value	c _t value
15.00	3134	0.10	0.16
15.50	3138	0.09	0.14
16.00	3139	0.08	0.13
16.50	3140	0.08	0.12
17.00	3140	0.07	0.11
17.50	3140	0.06	0.10
18.00	3140	0.06	0.09
18.50	3140	0.05	0.08
19.00	3140	0.05	0.08
19.50	3140	0.05	0.07
20.00	3140	0.04	0.07
20.50	3140	0.04	0.06
21.00	3140	0.04	0.06
21.50	3136	0.03	0.06
22.00	3124	0.03	0.05
22.50	3098	0.03	0.05
23.00	3055	0.03	0.05
23.50	2990	0.03	0.04
24.00	2897	0.02	0.04
24.50	2782	0.02	0.04
25.00	2488	0.02	0.03
25.50	2254	0.02	0.03
26.00	2003	0.01	0.02
26.50	1744	0.01	0.02
27.00	1487	0.01	0.02
27.50	1245	0.01	0.01
28.00	1062	0.01	0.01

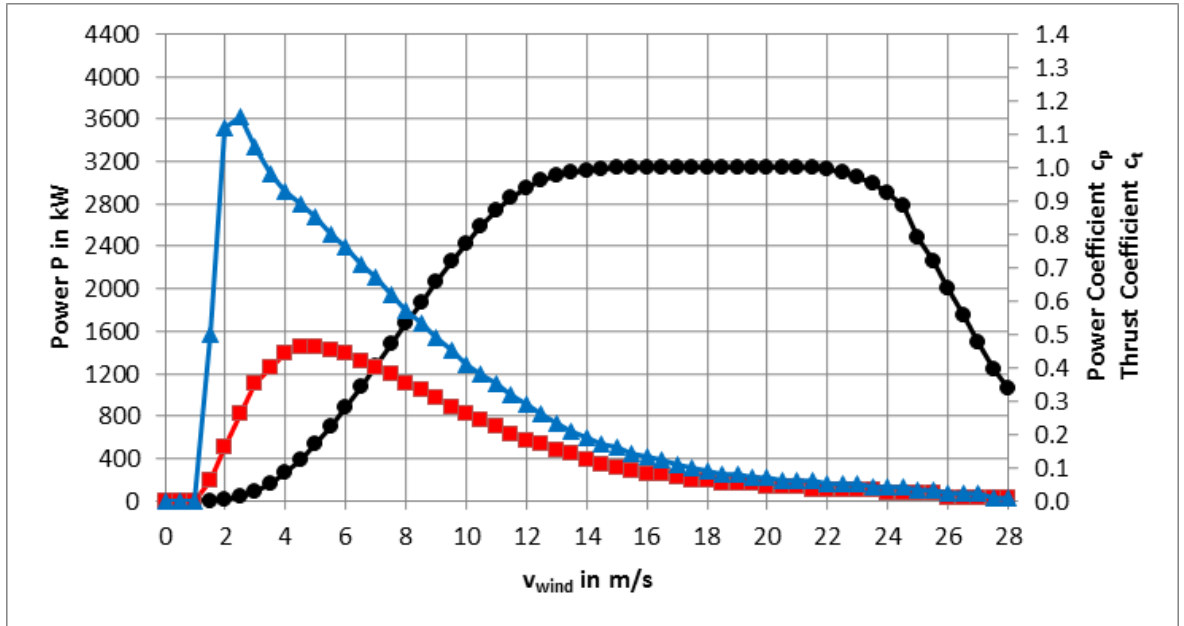





Fig. 3: Power, c_p and c_t curve for E-138 EP3 E2 / 4200 kW – operating mode 100.5 dB

	Power P in kW
	c_t value
	c_p value

6.2 Calculated sound power levels – operating mode 100.5 dB

In operating mode 100.5 dB the wind energy converter operates in a power-optimised mode. The highest expected sound power level is 100.5 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 31: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	3140	kW
Nominal wind speed	15.5	m/s
Minimum operating speed		
■ E-138 EP3 E2-ST-81-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-96-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-111-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-131-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-131-FB-C-02	4.4	rpm
■ E-138 EP3 E2-HST-131-FB-C-01	4.4	rpm
■ E-138 EP3 E2-HT-149-ES-C-02	5.0	rpm
■ E-138 EP3 E2-HT-160-ES-C-01	5.0	rpm
Speed setpoint	8.8	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 3, p. 12.

Tab. 32: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
3 m/s	91.6	92.2	92.7	93.3	93.3	93.3	93.7	93.9
3.5 m/s	95.4	95.9	96.0	96.1	96.1	96.1	96.2	96.2
4 m/s	96.4	96.5	96.6	96.7	96.7	96.7	96.7	96.8
4.5 m/s	96.9	97.0	97.1	97.3	97.3	97.3	97.3	97.4
5 m/s	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.8
5.5 m/s	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.2
6 m/s	98.2	98.3	98.4	98.5	98.5	98.5	98.5	98.5
6.5 m/s	98.5	98.6	98.6	98.6	98.6	98.6	98.7	98.8
7 m/s	98.7	98.8	98.9	99.1	99.1	99.1	99.2	99.3
7.5 m/s	99.2	99.4	99.5	99.7	99.7	99.7	99.9	100.0

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-13 1-FB-C-01	E-138 EP3 E2-HT-149 -ES-C-02	E-138 EP3 E2-HT-160 -ES-C-01
8 m/s	99.8	100.0	100.2	100.4	100.4	100.4	100.5	100.5
8.5 m/s	100.4	100.5	100.5	100.5	100.5	100.5	100.5	100.5
9 m/s	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5
9.5 m/s	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5
10 m/s	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5
10.5 m/s	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5
11 m/s	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5
11.5 m/s	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5
12 m/s	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5
95 % P_n	100.5	100.5	100.5	100.5	100.5	100.5	100.5	100.5

Tab. 33: Calculated sound power level in dB(A), based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	95.9
5.5 m/s	96.4
6 m/s	96.7
6.5 m/s	97.1
7 m/s	97.5
7.5 m/s	97.7
8 m/s	98.1
8.5 m/s	98.3
9 m/s	98.5
9.5 m/s	98.6
10 m/s	98.8
10.5 m/s	99.2
11 m/s	99.6
11.5 m/s	100.1
12 m/s	100.5
12.5 m/s	100.5
13 m/s	100.5
13.5 m/s	100.5
14 m/s	100.5

Wind speed at hub height (v_H)	Sound power level in dB(A)
14.5 m/s	100.5
15 m/s	100.5

6.3 Octave band levels of the loudest condition

6.3.1 Octave band level at HH

Tab. 34: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
12	71.7	82.8	88.4	91.1	93.1	94.4	95.1	90.0	73.7

6.3.2 Octave band level E-138 EP3 E2-ST-81-FB-C-01

Tab. 35: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
9	71.1	82.3	87.7	90.4	92.6	94.2	95.3	91.4	77.7

6.3.3 Octave band level E-138 EP3 E2-ST-96-FB-C-01

Tab. 36: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	71.3	82.5	88.0	90.7	92.9	94.3	95.2	90.9	76.5

6.3.4 Octave band level E-138 EP3 E2-ST-111-FB-C-01

Tab. 37: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	71.4	82.6	88.1	90.7	92.9	94.4	95.2	90.7	75.3

6.3.5 Octave band level E-138 EP3 E2-ST-131-FB-C-01

Tab. 38: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	71.5	82.7	88.2	90.8	92.9	94.5	95.2	90.3	73.6

6.3.6 Octave band level E-138 EP3 E2-ST-131-FB-C-02

Tab. 39: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	71.5	82.7	88.2	90.8	92.9	94.5	95.2	90.3	73.6

6.3.7 Octave band level E-138 EP3 E2-HST-131-FB-C-01

Tab. 40: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	71.5	82.7	88.2	90.8	92.9	94.5	95.2	90.3	73.6

6.3.8 Octave band level E-138 EP3 E2-HT-149-ES-C-02

Tab. 41: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8	71.8	83.0	88.5	91.1	93.2	94.5	95.0	89.6	72.2

6.3.9 Octave band level E-138 EP3 E2-HT-160-ES-C-01

Tab. 42: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8	71.9	83.1	88.5	91.1	93.2	94.5	95.0	89.5	71.4

7 Operating mode 99.5 dB

7.1 Calculated power, c_p and c_t values – operating mode 99.5 dB

Tab. 43: Calculated power, c_p and c_t values for E-138 EP3 E2 / 4200 kW – operating mode 99.5 dB

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	2	0.06	0.50
2.00	12	0.16	1.12
2.50	38	0.26	1.15
3.00	86	0.35	1.06
3.50	160	0.40	0.98
4.00	260	0.44	0.93
4.50	384	0.46	0.88
5.00	525	0.45	0.83
5.50	685	0.45	0.79
6.00	858	0.43	0.74
6.50	1040	0.41	0.69
7.00	1224	0.39	0.64
7.50	1406	0.36	0.58
8.00	1582	0.33	0.53
8.50	1752	0.31	0.49
9.00	1917	0.29	0.45
9.50	2076	0.26	0.41
10.00	2229	0.24	0.37
10.50	2373	0.22	0.34
11.00	2506	0.20	0.31
11.50	2623	0.19	0.29
12.00	2720	0.17	0.26
12.50	2797	0.16	0.24
13.00	2855	0.14	0.22
13.50	2895	0.13	0.20
14.00	2922	0.12	0.18
14.50	2939	0.10	0.16

Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.00	2949	0.10	0.15
15.50	2955	0.09	0.13
16.00	2958	0.08	0.12
16.50	2959	0.07	0.11
17.00	2960	0.07	0.10
17.50	2960	0.06	0.09
18.00	2960	0.06	0.09
18.50	2960	0.05	0.08
19.00	2960	0.05	0.07
19.50	2960	0.04	0.07
20.00	2960	0.04	0.06
20.50	2960	0.04	0.06
21.00	2960	0.04	0.06
21.50	2960	0.03	0.05
22.00	2952	0.03	0.05
22.50	2934	0.03	0.05
23.00	2903	0.03	0.04
23.50	2853	0.02	0.04
24.00	2779	0.02	0.04
24.50	2685	0.02	0.03
25.00	2436	0.02	0.03
25.50	2238	0.02	0.03
26.00	2005	0.01	0.02
26.50	1759	0.01	0.02
27.00	1511	0.01	0.02
27.50	1271	0.01	0.01
28.00	1095	0.01	0.01

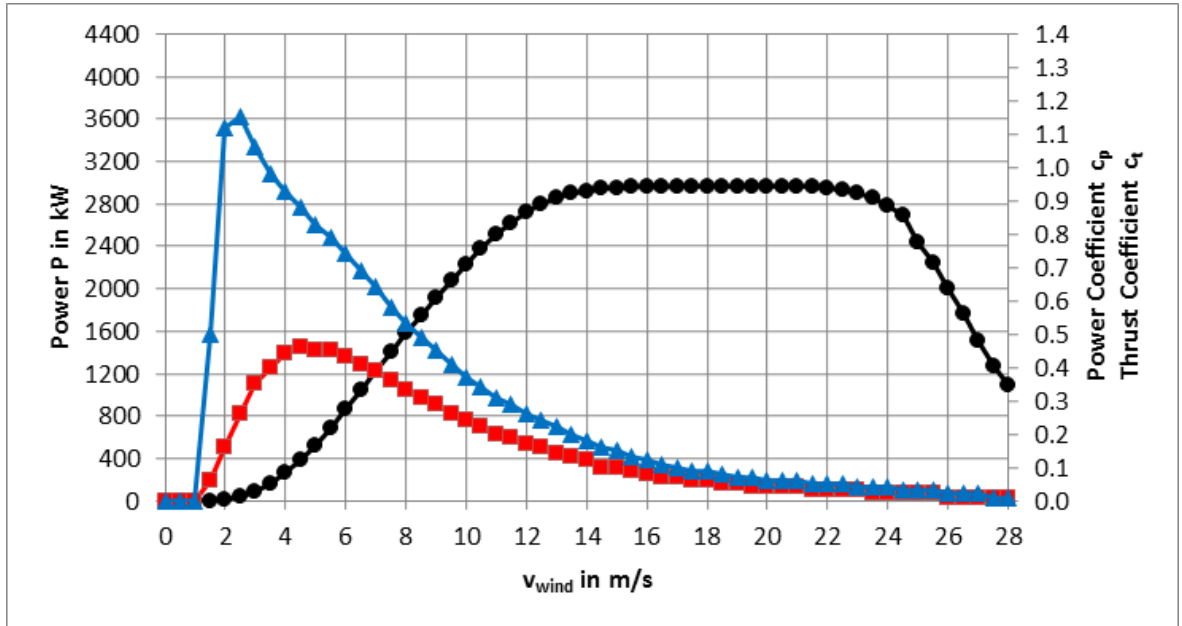


Fig. 4: Power, c_p and c_t curve for E-138 EP3 E2 / 4200 kW – operating mode 99.5 dB

	Power P in kW
	c_t value
	c_p value

7.2 Calculated sound power levels – operating mode 99.5 dB

In operating mode 99.5 dB the wind energy converter operates in a power-optimised mode. The highest expected sound power level is 99.5 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 44: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	2960	kW
Nominal wind speed	15.5	m/s
Minimum operating speed		
■ E-138 EP3 E2-ST-81-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-96-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-111-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-131-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-131-FB-C-02	4.4	rpm
■ E-138 EP3 E2-HST-131-FB-C-01	4.4	rpm
■ E-138 EP3 E2-HT-149-ES-C-02	5.0	rpm
■ E-138 EP3 E2-HT-160-ES-C-01	5.0	rpm
Speed setpoint	8.4	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 3, p. 12.

Tab. 45: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)								
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01	
3 m/s	91.6	92.2	92.7	93.3	93.3	93.3	93.7	93.8	
3.5 m/s	95.0	95.4	95.5	95.6	95.6	95.6	95.7	95.7	
4 m/s	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	
4.5 m/s	96.4	96.5	96.5	96.6	96.6	96.6	96.7	96.7	
5 m/s	96.8	96.9	97.0	97.1	97.1	97.1	97.1	97.1	
5.5 m/s	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	
6 m/s	97.3	97.3	97.4	97.5	97.5	97.5	97.5	97.5	
6.5 m/s	97.5	97.5	97.5	97.6	97.6	97.6	97.7	97.7	
7 m/s	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	
7.5 m/s	97.8	97.9	97.9	98.2	98.2	98.2	98.4	98.5	

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-13 1-FB-C-01	E-138 EP3 E2-HT-149 -ES-C-02	E-138 EP3 E2-HT-160 -ES-C-01
8 m/s	98.2	98.5	98.7	99.0	99.0	99.0	99.2	99.3
8.5 m/s	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5
9 m/s	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
9.5 m/s	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
10 m/s	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
10.5 m/s	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
11 m/s	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
11.5 m/s	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
12 m/s	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
95 % P_n	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5

Tab. 46: Calculated sound power level in dB(A), based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	95.4
5.5 m/s	95.9
6 m/s	96.2
6.5 m/s	96.5
7 m/s	96.8
7.5 m/s	97.1
8 m/s	97.2
8.5 m/s	97.3
9 m/s	97.5
9.5 m/s	97.5
10 m/s	97.8
10.5 m/s	97.8
11 m/s	98.0
11.5 m/s	98.6
12 m/s	99.1
12.5 m/s	99.5
13 m/s	99.5
13.5 m/s	99.5
14 m/s	99.5

Wind speed at hub height (v_H)	Sound power level in dB(A)
14.5 m/s	99.5
15 m/s	99.5

7.3 Octave band levels of the loudest condition

7.3.1 Octave band level at HH

Tab. 47: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
12.5	70.8	81.9	87.4	90.0	92.0	93.4	94.1	89.1	72.5

7.3.2 Octave band level E-138 EP3 E2-ST-81-FB-C-01

Tab. 48: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
9	70.4	81.4	86.9	89.6	91.8	93.2	94.3	90.3	76.6

7.3.3 Octave band level E-138 EP3 E2-ST-96-FB-C-01

Tab. 49: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
9	70.5	81.5	87.0	89.5	91.7	93.2	94.3	90.1	75.3

7.3.4 Octave band level E-138 EP3 E2-ST-111-FB-C-01

Tab. 50: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
9	70.5	81.6	87.0	89.5	91.7	93.3	94.4	89.8	74.0

7.3.5 Octave band level E-138 EP3 E2-ST-131-FB-C-01

Tab. 51: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	70.8	81.9	87.3	89.9	92.0	93.4	94.1	89.2	72.5

7.3.6 Octave band level E-138 EP3 E2-ST-131-FB-C-02

Tab. 52: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	70.8	81.9	87.3	89.9	92.0	93.4	94.1	89.2	72.5

7.3.7 Octave band level E-138 EP3 E2-HST-131-FB-C-01

Tab. 53: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	70.8	81.9	87.3	89.9	92.0	93.4	94.1	89.2	72.5

7.3.8 Octave band level E-138 EP3 E2-HT-149-ES-C-02

Tab. 54: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	71.0	82.0	87.4	89.9	92.0	93.5	94.2	88.9	71.0

7.3.9 Octave band level E-138 EP3 E2-HT-160-ES-C-01

Tab. 55: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	71.0	82.1	87.5	90.0	92.1	93.5	94.2	88.7	70.2

8 Operating mode 98.5 dB

8.1 Calculated power, c_p and c_t values – operating mode 98.5 dB

Tab. 56: Calculated power, c_p and c_t values for E-138 EP3 E2 / 4200 kW – operating mode 98.5 dB

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	2	0.06	0.50
2.00	12	0.16	1.12
2.50	38	0.26	1.15
3.00	86	0.35	1.06
3.50	160	0.40	0.98
4.00	260	0.44	0.92
4.50	382	0.45	0.86
5.00	519	0.45	0.81
5.50	671	0.44	0.76
6.00	834	0.42	0.70
6.50	1001	0.39	0.65
7.00	1167	0.37	0.60
7.50	1329	0.34	0.54
8.00	1485	0.31	0.49
8.50	1635	0.29	0.45
9.00	1781	0.26	0.41
9.50	1921	0.24	0.37
10.00	2055	0.22	0.34
10.50	2179	0.20	0.31
11.00	2289	0.19	0.28
11.50	2381	0.17	0.26
12.00	2455	0.15	0.23
12.50	2510	0.14	0.21
13.00	2549	0.13	0.19
13.50	2574	0.11	0.17
14.00	2590	0.10	0.16
14.50	2600	0.09	0.14

Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.00	2605	0.08	0.13
15.50	2608	0.08	0.12
16.00	2609	0.07	0.11
16.50	2610	0.06	0.10
17.00	2610	0.06	0.09
17.50	2610	0.05	0.08
18.00	2610	0.05	0.08
18.50	2610	0.05	0.07
19.00	2610	0.04	0.07
19.50	2610	0.04	0.06
20.00	2610	0.04	0.06
20.50	2610	0.03	0.05
21.00	2610	0.03	0.05
21.50	2610	0.03	0.05
22.00	2608	0.03	0.04
22.50	2597	0.03	0.04
23.00	2576	0.02	0.04
23.50	2540	0.02	0.04
24.00	2485	0.02	0.03
24.50	2407	0.02	0.03
25.00	2250	0.02	0.03
25.50	2089	0.01	0.03
26.00	1886	0.01	0.02
26.50	1660	0.01	0.02
27.00	1425	0.01	0.02
27.50	1194	0.01	0.01
28.00	1083	0.01	0.01

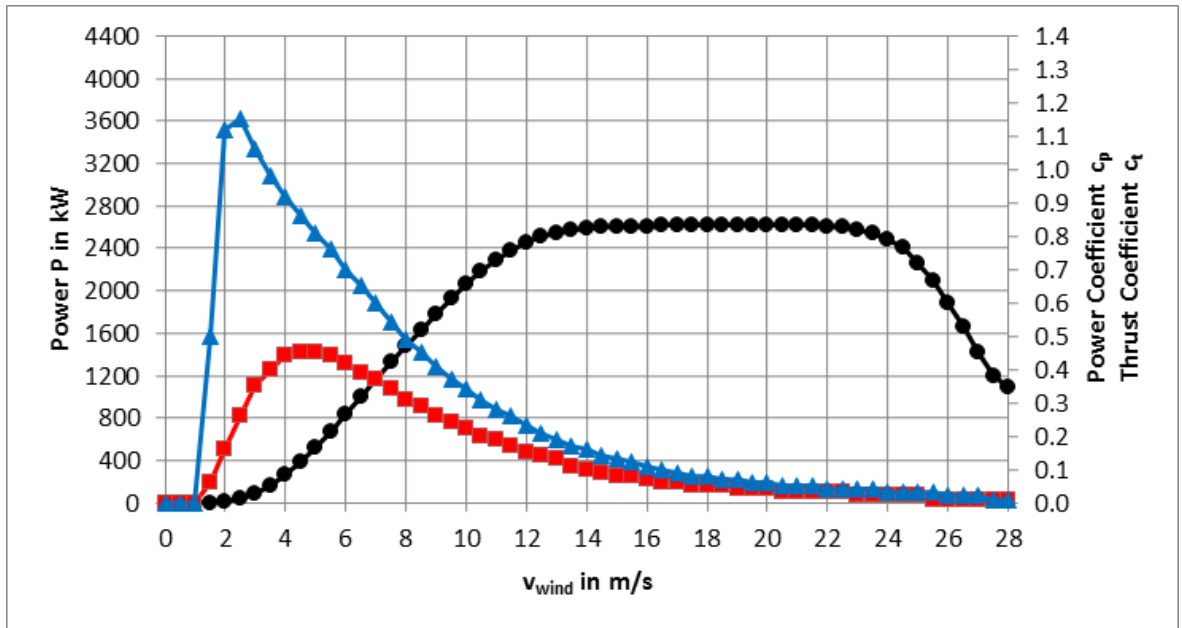


Fig. 5: Power, c_p and c_t curve for E-138 EP3 E2 / 4200 kW – operating mode 98.5 dB

	Power P in kW
	c_t value
	c_p value

8.2 Calculated sound power levels – operating mode 98.5 dB

In operating mode 98.5 dB the wind energy converter operates in a power-optimised mode. The highest expected sound power level is 98.5 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 57: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	2610	kW
Nominal wind speed	15.0	m/s
Minimum operating speed		
■ E-138 EP3 E2-ST-81-FB-C-01	-	rpm
■ E-138 EP3 E2-ST-96-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-111-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-131-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-131-FB-C-02	4.4	rpm
■ E-138 EP3 E2-HST-131-FB-C-01	4.4	rpm
■ E-138 EP3 E2-HT-149-ES-C-02	5.0	rpm
■ E-138 EP3 E2-HT-160-ES-C-01	5.0	rpm
Speed setpoint	8.0	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 3, p. 12.

Tab. 58: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
3 m/s	-	92.2	92.7	93.3	93.3	93.3	93.7	93.7
3.5 m/s	-	94.6	94.7	94.7	94.7	94.7	94.8	94.8
4 m/s	-	95.0	95.1	95.2	95.2	95.2	95.2	95.3
4.5 m/s	-	95.4	95.5	95.6	95.6	95.6	95.7	95.8
5 m/s	-	95.9	96.0	96.0	96.0	96.0	96.0	96.0
5.5 m/s	-	96.1	96.1	96.2	96.2	96.2	96.2	96.3
6 m/s	-	96.3	96.3	96.4	96.4	96.4	96.4	96.4
6.5 m/s	-	96.5	96.6	96.6	96.6	96.6	96.7	96.7
7 m/s	-	96.7	96.7	96.8	96.8	96.8	96.8	96.9
7.5 m/s	-	96.9	97.0	97.1	97.1	97.1	97.3	97.4

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-13 1-FB-C-01	E-138 EP3 E2-HT-149 -ES-C-02	E-138 EP3 E2-HT-160 -ES-C-01
8 m/s	-	97.4	97.6	97.9	97.9	97.9	98.1	98.2
8.5 m/s	-	98.1	98.4	98.5	98.5	98.5	98.5	98.5
9 m/s	-	98.5	98.5	98.5	98.5	98.5	98.5	98.5
9.5 m/s	-	98.5	98.5	98.5	98.5	98.5	98.5	98.5
10 m/s	-	98.5	98.5	98.5	98.5	98.5	98.5	98.5
10.5 m/s	-	98.5	98.5	98.5	98.5	98.5	98.5	98.5
11 m/s	-	98.5	98.5	98.5	98.5	98.5	98.5	98.5
11.5 m/s	-	98.5	98.5	98.5	98.5	98.5	98.5	98.5
12 m/s	-	98.5	98.5	98.5	98.5	98.5	98.5	98.5
95 % P_n	-	98.5	98.5	98.5	98.5	98.5	98.5	98.5

Tab. 59: Calculated sound power level in dB(A), based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	94.6
5.5 m/s	94.9
6 m/s	95.2
6.5 m/s	95.5
7 m/s	95.9
7.5 m/s	96.0
8 m/s	96.1
8.5 m/s	96.3
9 m/s	96.4
9.5 m/s	96.6
10 m/s	96.7
10.5 m/s	96.8
11 m/s	97.0
11.5 m/s	97.5
12 m/s	98.0
12.5 m/s	98.5
13 m/s	98.5
13.5 m/s	98.5
14 m/s	98.5

Wind speed at hub height (v_H)	Sound power level in dB(A)
14.5 m/s	98.5
15 m/s	98.5

8.3 Octave band levels of the loudest condition

8.3.1 Octave band level at HH

 Tab. 60: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
12.5	70.0	81.0	86.4	88.9	90.9	92.4	93.2	88.3	71.4

8.3.2 Octave band level E-138 EP3 E2-ST-81-FB-C-01

 Tab. 61: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
-	-	-	-	-	-	-	-	-	-

8.3.3 Octave band level E-138 EP3 E2-ST-96-FB-C-01

 Tab. 62: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
9	69.6	80.6	85.9	88.4	90.6	92.2	93.4	89.1	74.0

8.3.4 Octave band level E-138 EP3 E2-ST-111-FB-C-01

 Tab. 63: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
9	69.6	80.6	86.0	88.4	90.6	92.3	93.5	88.7	72.6

8.3.5 Octave band level E-138 EP3 E2-ST-131-FB-C-01

Tab. 64: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	70.0	81.0	86.3	88.8	90.9	92.4	93.3	88.2	71.3

8.3.6 Octave band level E-138 EP3 E2-ST-131-FB-C-02

Tab. 65: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	70.0	81.0	86.3	88.8	90.9	92.4	93.3	88.2	71.3

8.3.7 Octave band level E-138 EP3 E2-HST-131-FB-C-01

Tab. 66: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	70.0	81.0	86.3	88.8	90.9	92.4	93.3	88.2	71.3

8.3.8 Octave band level E-138 EP3 E2-HT-149-ES-C-02

Tab. 67: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	70.1	81.1	86.4	88.8	90.9	92.4	93.2	87.9	69.7

8.3.9 Octave band level E-138 EP3 E2-HT-160-ES-C-01

Tab. 68: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	70.2	81.2	86.5	88.9	90.9	92.5	93.2	87.7	68.8

9 Operating mode 97.5 dB

9.1 Calculated power, c_p and c_t values – operating mode 97.5 dB

Tab. 69: Calculated power, c_p and c_t values for E-138 EP3 E2 / 4200 kW – operating mode 97.5 dB

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	2	0.06	0.50
2.00	12	0.16	1.12
2.50	38	0.26	1.15
3.00	86	0.35	1.06
3.50	160	0.40	0.97
4.00	259	0.44	0.90
4.50	378	0.45	0.84
5.00	509	0.44	0.78
5.50	652	0.42	0.72
6.00	800	0.40	0.67
6.50	949	0.37	0.61
7.00	1096	0.35	0.55
7.50	1239	0.32	0.50
8.00	1377	0.29	0.45
8.50	1511	0.27	0.41
9.00	1643	0.24	0.37
9.50	1771	0.22	0.34
10.00	1893	0.21	0.31
10.50	2006	0.19	0.28
11.00	2107	0.17	0.26
11.50	2192	0.16	0.24
12.00	2260	0.14	0.21
12.50	2310	0.13	0.19
13.00	2345	0.12	0.18
13.50	2368	0.10	0.16
14.00	2382	0.09	0.14
14.50	2391	0.09	0.13

Wind speed v in m/s	Power P in kW	c _p value	c _t value
15.00	2396	0.08	0.12
15.50	2398	0.07	0.11
16.00	2399	0.06	0.10
16.50	2400	0.06	0.09
17.00	2400	0.05	0.08
17.50	2400	0.05	0.08
18.00	2400	0.05	0.07
18.50	2400	0.04	0.07
19.00	2400	0.04	0.06
19.50	2400	0.04	0.06
20.00	2400	0.03	0.05
20.50	2400	0.03	0.05
21.00	2400	0.03	0.05
21.50	2400	0.03	0.04
22.00	2400	0.02	0.04
22.50	2391	0.02	0.04
23.00	2373	0.02	0.04
23.50	2344	0.02	0.03
24.00	2295	0.02	0.03
24.50	2220	0.02	0.03
25.00	2100	0.02	0.03
25.50	1975	0.01	0.02
26.00	1782	0.01	0.02
26.50	1562	0.01	0.02
27.00	1332	0.01	0.01
27.50	1108	0.01	0.01
28.00	900	0.00	0.01

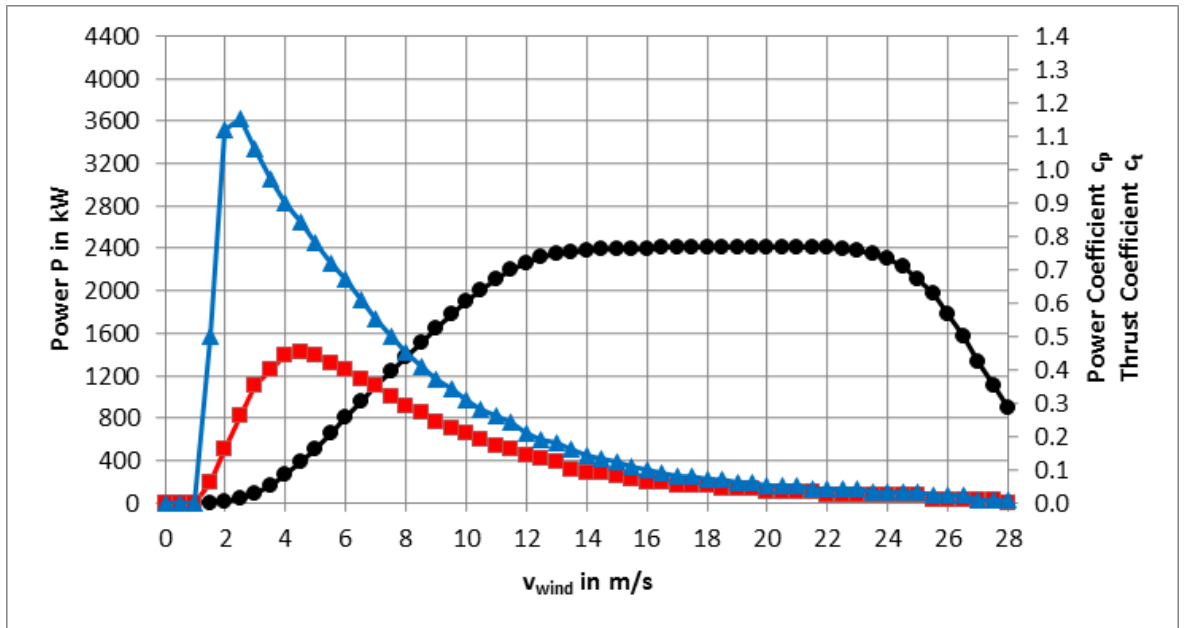


Fig. 6: Power, c_p and c_t curve for E-138 EP3 E2 / 4200 kW – operating mode 97.5 dB

	Power P in kW
	c_t value
	c_p value

9.2 Calculated sound power levels – operating mode 97.5 dB

In operating mode 97.5 dB the wind energy converter operates in a power-optimised mode. The highest expected sound power level is 97.5 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 70: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	2400	kW
Nominal wind speed	15.0	m/s
Minimum operating speed		
■ E-138 EP3 E2-ST-81-FB-C-01	-	rpm
■ E-138 EP3 E2-ST-96-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-111-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-131-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-131-FB-C-02	4.4	rpm
■ E-138 EP3 E2-HST-131-FB-C-01	4.4	rpm
■ E-138 EP3 E2-HT-149-ES-C-02	5.0	rpm
■ E-138 EP3 E2-HT-160-ES-C-01	5.0	rpm
Speed setpoint	7.7	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 3, p. 12.

Tab. 71: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
3 m/s	-	91.3	91.6	91.9	91.9	91.9	92.1	92.2
3.5 m/s	-	93.5	93.6	93.6	93.6	93.6	93.7	93.7
4 m/s	-	94.0	94.1	94.2	94.2	94.2	94.2	94.3
4.5 m/s	-	94.5	94.5	94.6	94.6	94.6	94.6	94.6
5 m/s	-	94.8	94.8	94.9	94.9	94.9	94.9	94.9
5.5 m/s	-	95.0	95.0	95.1	95.1	95.1	95.1	95.1
6 m/s	-	95.2	95.3	95.4	95.4	95.4	95.4	95.4
6.5 m/s	-	95.5	95.5	95.6	95.6	95.6	95.6	95.7
7 m/s	-	95.7	95.8	95.9	95.9	95.9	95.9	96.0
7.5 m/s	-	96.0	96.1	96.3	96.3	96.3	96.4	96.5

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-13 1-FB-C-01	E-138 EP3 E2-HT-149 -ES-C-02	E-138 EP3 E2-HT-160 -ES-C-01
8 m/s	-	96.5	96.8	97.1	97.1	97.1	97.3	97.3
8.5 m/s	-	97.3	97.4	97.5	97.5	97.5	97.5	97.5
9 m/s	-	97.5	97.5	97.5	97.5	97.5	97.5	97.5
9.5 m/s	-	97.5	97.5	97.5	97.5	97.5	97.5	97.5
10 m/s	-	97.5	97.5	97.5	97.5	97.5	97.5	97.5
10.5 m/s	-	97.5	97.5	97.5	97.5	97.5	97.5	97.5
11 m/s	-	97.5	97.5	97.5	97.5	97.5	97.5	97.5
11.5 m/s	-	97.5	97.5	97.5	97.5	97.5	97.5	97.5
12 m/s	-	97.5	97.5	97.5	97.5	97.5	97.5	97.5
95 % P_n	-	97.5	97.5	97.5	97.5	97.5	97.5	97.5

Tab. 72: Calculated sound power level in dB(A), based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	93.5
5.5 m/s	93.8
6 m/s	94.2
6.5 m/s	94.5
7 m/s	94.7
7.5 m/s	94.9
8 m/s	95.0
8.5 m/s	95.2
9 m/s	95.4
9.5 m/s	95.5
10 m/s	95.7
10.5 m/s	95.9
11 m/s	96.1
11.5 m/s	96.6
12 m/s	97.2
12.5 m/s	97.5
13 m/s	97.5
13.5 m/s	97.5
14 m/s	97.5

Wind speed at hub height (v_H)	Sound power level in dB(A)
14.5 m/s	97.5
15 m/s	97.5

9.3 Octave band levels of the loudest condition

9.3.1 Octave band level at HH

Tab. 73: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
12.5	69.1	80.1	85.4	87.8	89.9	91.4	92.3	87.2	70.2

9.3.2 Octave band level E-138 EP3 E2-ST-81-FB-C-01

Tab. 74: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
-	-	-	-	-	-	-	-	-	-

9.3.3 Octave band level E-138 EP3 E2-ST-96-FB-C-01

Tab. 75: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
9	68.7	79.6	85.0	87.4	89.5	91.3	92.6	88.0	72.7

9.3.4 Octave band level E-138 EP3 E2-ST-111-FB-C-01

Tab. 76: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
9	68.8	79.7	85.0	87.4	89.5	91.3	92.6	87.6	71.3

9.3.5 Octave band level E-138 EP3 E2-ST-131-FB-C-01

Tab. 77: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	69.1	80.0	85.3	87.8	89.9	91.4	92.3	87.2	70.1

9.3.6 Octave band level E-138 EP3 E2-ST-131-FB-C-02

Tab. 78: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	69.1	80.0	85.3	87.8	89.9	91.4	92.3	87.2	70.1

9.3.7 Octave band level E-138 EP3 E2-HST-131-FB-C-01

Tab. 79: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	69.1	80.0	85.3	87.8	89.9	91.4	92.3	87.2	70.1

9.3.8 Octave band level E-138 EP3 E2-HT-149-ES-C-02

Tab. 80: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	69.2	80.1	85.4	87.8	89.9	91.4	92.4	86.9	68.5

9.3.9 Octave band level E-138 EP3 E2-HT-160-ES-C-01

Tab. 81: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	69.2	80.2	85.4	87.8	89.9	91.4	92.4	86.6	67.5

Technical data sheet

One-third octave band level operating mode 0 s, I s,
II s and power-reduced operation

ENERCON E-138 EP3 E2 / 4200 kW wind energy converter
with TES (Trailing Edge Serrations)

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List of abbreviations

Abbreviations

HH Hub height

Variables, units, formulas

v_H Wind speed at hub height

v_s Standardised wind speed

1 Available operating modes

The table below shows which operating modes are available for what tower versions or hub heights.

Tab. 1: Available operating modes

Operating mode	Tower version or hub height (HH)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-13-1-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
	HH 81 m	HH 96 m	HH 111 m	HH 131 m	HH 131 m	HH 131 m	HH 149 m	HH 160 m
0 s	x	x	x	x	x	x	x	x
I s	x	x	x	-	-	-	x	x
II s	x	x	x	-	-	-	x	x
4000 kW s	x	x	x	x	x	x	x	x
3500 kW s	x	x	x	x	x	x	x	x
3000 kW s	x	x	x	x	x	x	x	x
2500 kW s	x	x	x	x	x	x	x	x
2000 kW s	x	x	x	x	x	x	x	x
1500 kW s	x	x	x	-	-	-	x	x
1000 kW s	x	x	x	-	-	-	x	x
500 kW s	x	x	x	x	x	x	x	x

x = Available

- = Not available

2 General

- Allocation of the sound power levels to the standardised wind speed v_s at a height of 10 m is valid only if based on a logarithmic wind shear law with a roughness length of 0.05 m. Allocation of the sound power levels to the wind speed at hub height (v_H) is valid for all hub heights (HH). During measurements, the wind speed is determined based on the power output and the power curve.
- The sound power levels indicated were determined based on aero-acoustic simulations.
- Individual one-third octave band level values cannot be guaranteed. Only the cumulative level of all one-third octave band levels for each wind speed, which corresponds to the sound power level at that particular wind speed, is a guaranteed quantity.

3 Operating mode 0 s

3.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 2: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre freq. in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	51.3	52.6	53.8	54.8	55.5	55.7	55.9	56.1	56.4	56.7	56.9
25	57.2	58.6	59.9	61.0	61.7	61.9	62.2	62.4	62.7	63.0	63.1
31.5	62.4	63.9	65.3	66.5	67.1	67.4	67.7	67.9	68.2	68.5	68.7
40	66.9	68.5	70.0	71.2	71.9	72.2	72.5	72.7	73.0	73.4	73.5
50	70.8	72.5	74.0	75.3	76.0	76.3	76.6	76.9	77.2	77.5	77.7
63	74.1	75.8	77.4	78.8	79.5	79.8	80.2	80.4	80.8	81.1	81.3
80	77.0	78.7	80.4	81.8	82.5	82.8	83.2	83.4	83.8	84.2	84.3
100	79.1	80.9	82.5	83.9	84.7	85.0	85.4	85.7	86.1	86.4	86.6
125	80.2	81.9	83.6	85.1	85.8	86.2	86.6	86.8	87.2	87.6	87.8
160	81.0	82.7	84.4	85.8	86.6	87.0	87.4	87.7	88.1	88.5	88.6
200	81.8	83.6	85.3	86.7	87.5	87.9	88.3	88.6	89.0	89.4	89.5
250	82.9	84.7	86.5	87.9	88.7	89.1	89.5	89.8	90.2	90.6	90.8
315	83.9	85.7	87.5	88.9	89.7	90.1	90.5	90.8	91.3	91.7	91.8
400	84.6	86.5	88.3	89.8	90.6	90.9	91.4	91.7	92.1	92.5	92.6
500	84.9	86.9	88.8	90.3	91.1	91.5	91.9	92.2	92.7	93.1	93.2
630	85.0	87.0	89.0	90.5	91.4	91.7	92.1	92.5	92.9	93.3	93.5
800	85.2	87.2	89.2	90.8	91.6	91.9	92.4	92.7	93.1	93.5	93.7
1000	85.7	87.7	89.7	91.3	92.1	92.4	92.8	93.1	93.5	93.9	94.1
1250	86.3	88.3	90.3	92.0	92.8	93.1	93.4	93.7	94.1	94.5	94.7
1600	86.7	88.8	90.7	92.4	93.2	93.5	93.9	94.2	94.6	95.0	95.2
2000	86.2	88.3	90.2	91.9	92.7	93.0	93.4	93.6	94.0	94.4	94.7
2500	84.9	87.0	89.0	90.7	91.5	91.8	92.1	92.4	92.7	93.2	93.4
3150	83.0	85.2	87.2	88.9	89.7	89.9	90.2	90.5	90.8	91.3	91.6
4000	80.1	82.2	84.3	86.0	86.8	87.0	87.3	87.5	87.8	88.3	88.6
5000	75.5	77.8	79.8	81.6	82.4	82.6	82.9	83.1	83.4	83.9	84.3
6300	68.4	70.7	72.8	74.7	75.5	75.8	76.1	76.3	76.6	77.1	77.5
8000	57.8	60.2	62.4	64.3	65.2	65.5	65.8	66.1	66.5	66.9	67.4

One-third octave band level centre freq. in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	45.1	47.5	49.7	51.6	52.5	52.8	53.2	53.5	53.9	54.4	54.8

Tab. 3: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	57.1	57.3	57.2	57.5	57.4	57.3	57.1	57.0	56.9	56.9
25	63.4	63.5	63.5	63.8	63.7	63.6	63.4	63.3	63.2	63.1
31.5	68.9	69.1	69.1	69.4	69.3	69.2	69.0	68.9	68.8	68.7
40	73.8	73.9	74.0	74.3	74.2	74.1	73.9	73.7	73.7	73.6
50	78.0	78.1	78.2	78.5	78.4	78.3	78.1	78.0	77.9	77.8
63	81.5	81.7	81.9	82.1	82.0	81.9	81.7	81.6	81.5	81.4
80	84.6	84.8	84.9	85.2	85.1	85.0	84.8	84.6	84.6	84.5
100	86.8	87.0	87.2	87.4	87.3	87.2	87.0	86.8	86.7	86.7
125	88.0	88.2	88.3	88.5	88.4	88.3	88.0	87.8	87.7	87.6
160	88.9	89.0	89.1	89.3	89.1	88.9	88.6	88.4	88.3	88.2
200	89.8	89.9	90.0	90.1	89.9	89.7	89.4	89.2	89.0	88.9
250	91.0	91.1	91.2	91.3	91.0	90.8	90.5	90.2	90.1	90.0
315	92.0	92.1	92.2	92.2	92.0	91.8	91.4	91.2	91.0	90.9
400	92.9	93.0	93.1	93.1	92.9	92.7	92.3	92.1	91.9	91.8
500	93.4	93.5	93.7	93.8	93.6	93.4	93.0	92.8	92.7	92.6
630	93.7	93.9	94.1	94.3	94.1	94.0	93.7	93.5	93.4	93.4
800	94.0	94.1	94.4	94.6	94.6	94.5	94.3	94.2	94.2	94.2
1000	94.4	94.6	94.9	95.2	95.2	95.2	95.1	95.1	95.2	95.3
1250	95.1	95.3	95.6	96.0	96.0	96.1	96.1	96.1	96.3	96.4
1600	95.5	95.8	96.2	96.6	96.7	96.7	96.9	97.1	97.3	97.4
2000	95.0	95.3	95.7	96.2	96.3	96.4	96.8	97.1	97.2	97.3
2500	93.8	94.1	94.6	95.1	95.2	95.4	95.9	96.1	96.1	96.0
3150	92.0	92.3	92.8	93.4	93.6	93.9	94.3	94.1	94.0	93.8
4000	89.1	89.4	90.0	90.7	90.9	91.1	91.1	90.7	90.5	90.3
5000	84.8	85.2	85.8	86.4	86.5	86.6	86.1	85.7	85.4	85.2
6300	78.0	78.4	79.0	79.5	79.5	79.3	78.7	78.2	78.0	77.7
8000	67.8	68.2	68.7	69.1	68.9	68.7	68.1	67.6	67.3	67.0
10000	55.2	55.5	56.0	56.4	56.2	56.0	55.3	54.7	54.4	54.1

3.2 One-third octave band level E-138 EP3 E2-ST-81-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 4: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.9	50.5	52.3	53.9	55.0	55.3	55.7	56.1	56.4	56.7
25	53.6	56.4	58.4	60.1	61.2	61.5	61.9	62.3	62.7	62.9
31.5	58.7	61.6	63.7	65.5	66.7	67.0	67.4	67.8	68.2	68.5
40	63.0	66.0	68.3	70.2	71.4	71.8	72.2	72.7	73.0	73.3
50	66.8	69.9	72.3	74.3	75.5	75.9	76.4	76.8	77.2	77.5
63	70.0	73.2	75.7	77.7	79.1	79.5	79.9	80.4	80.8	81.1
80	72.8	76.1	78.6	80.7	82.0	82.5	82.9	83.4	83.9	84.2
100	74.9	78.2	80.7	82.9	84.2	84.7	85.2	85.7	86.1	86.4
125	76.0	79.3	81.8	84.0	85.4	85.9	86.4	86.9	87.3	87.6
160	76.8	80.1	82.6	84.8	86.2	86.7	87.2	87.7	88.2	88.5
200	77.6	81.0	83.5	85.7	87.1	87.6	88.2	88.7	89.1	89.4
250	78.8	82.1	84.7	86.9	88.3	88.9	89.4	89.9	90.3	90.6
315	79.6	83.1	85.7	87.9	89.4	89.9	90.4	91.0	91.4	91.6
400	80.2	83.8	86.5	88.8	90.2	90.8	91.3	91.9	92.3	92.5
500	80.4	84.1	86.9	89.3	90.8	91.3	91.9	92.4	92.8	93.1
630	80.5	84.2	87.1	89.6	91.1	91.6	92.1	92.7	93.1	93.4
800	80.7	84.5	87.3	89.9	91.4	91.9	92.4	92.9	93.4	93.7
1000	81.2	85.0	87.9	90.4	91.9	92.4	92.9	93.4	93.9	94.2
1250	81.8	85.6	88.6	91.1	92.6	93.1	93.6	94.1	94.6	94.9
1600	82.3	86.1	89.1	91.7	93.2	93.6	94.1	94.6	95.1	95.5
2000	81.8	85.7	88.7	91.3	92.8	93.3	93.7	94.3	94.8	95.2
2500	80.8	84.7	87.7	90.3	91.8	92.2	92.7	93.2	93.7	94.2
3150	79.2	83.2	86.3	88.9	90.4	90.8	91.2	91.7	92.2	92.7
4000	76.7	80.8	84.0	86.6	88.1	88.4	88.8	89.3	89.9	90.4
5000	72.9	77.2	80.4	83.1	84.6	85.0	85.4	85.8	86.4	87.0
6300	67.1	71.4	74.8	77.6	79.2	79.6	80.0	80.5	81.1	81.7
8000	58.9	63.2	66.6	69.5	71.2	71.7	72.1	72.6	73.3	73.9
10000	49.5	53.8	57.2	60.2	61.9	62.4	62.8	63.4	64.0	64.6

Tab. 5: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.8	56.9	56.9	56.7	56.5	56.4	56.3	56.3	56.3
25	63.0	63.2	63.2	63.0	62.8	62.7	62.6	62.6	62.5
31.5	68.6	68.8	68.8	68.6	68.4	68.2	68.2	68.2	68.1
40	73.5	73.7	73.7	73.5	73.3	73.1	73.1	73.0	73.0
50	77.7	77.9	77.9	77.7	77.5	77.3	77.3	77.3	77.2
63	81.3	81.5	81.5	81.3	81.1	81.0	80.9	80.9	80.8
80	84.4	84.6	84.6	84.4	84.2	84.0	84.0	83.9	83.9
100	86.6	86.9	86.8	86.6	86.4	86.2	86.1	86.1	86.1
125	87.8	88.0	87.9	87.6	87.3	87.2	87.1	87.1	87.0
160	88.6	88.8	88.6	88.3	88.0	87.8	87.7	87.6	87.6
200	89.6	89.7	89.5	89.1	88.7	88.5	88.4	88.3	88.3
250	90.8	90.8	90.6	90.2	89.8	89.6	89.5	89.4	89.4
315	91.8	91.8	91.6	91.2	90.8	90.6	90.5	90.3	90.3
400	92.7	92.8	92.5	92.1	91.7	91.5	91.4	91.3	91.3
500	93.3	93.4	93.2	92.9	92.5	92.3	92.2	92.2	92.2
630	93.7	93.9	93.8	93.5	93.2	93.1	93.1	93.1	93.1
800	94.0	94.3	94.3	94.1	93.9	93.9	94.0	94.0	94.1
1000	94.5	94.9	95.0	94.9	94.9	95.0	95.1	95.2	95.4
1250	95.3	95.7	95.9	95.9	96.0	96.1	96.3	96.5	96.6
1600	95.9	96.4	96.6	96.7	97.0	97.3	97.4	97.6	97.6
2000	95.6	96.1	96.4	96.7	97.1	97.3	97.4	97.4	97.3
2500	94.6	95.3	95.6	96.0	96.4	96.4	96.3	96.2	96.0
3150	93.2	93.9	94.4	94.8	94.9	94.6	94.4	94.2	94.0
4000	91.0	91.8	92.3	92.4	92.1	91.7	91.5	91.3	91.1
5000	87.6	88.5	88.8	88.5	88.0	87.6	87.3	87.1	86.9
6300	82.3	83.0	83.1	82.6	82.0	81.6	81.3	81.1	80.8
8000	74.4	75.0	75.0	74.4	73.7	73.2	72.9	72.6	72.4
10000	65.1	65.6	65.6	64.9	64.1	63.6	63.3	63.0	62.7

3.3 One-third octave band level E-138 EP3 E2-ST-96-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 6: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.4	51.0	52.8	54.4	55.2	55.5	55.9	56.3	56.6	56.9
25	54.2	56.9	58.8	60.5	61.4	61.8	62.1	62.5	62.8	63.1
31.5	59.2	62.1	64.2	66.0	66.9	67.3	67.7	68.1	68.4	68.7
40	63.6	66.6	68.8	70.7	71.7	72.1	72.5	72.9	73.2	73.6
50	67.3	70.5	72.8	74.8	75.8	76.2	76.6	77.1	77.4	77.7
63	70.6	73.8	76.2	78.3	79.3	79.7	80.2	80.7	81.0	81.3
80	73.4	76.7	79.1	81.2	82.3	82.7	83.2	83.7	84.0	84.4
100	75.5	78.8	81.2	83.4	84.5	85.0	85.4	85.9	86.3	86.6
125	76.6	79.9	82.4	84.5	85.6	86.1	86.6	87.2	87.5	87.8
160	77.4	80.7	83.2	85.4	86.5	87.0	87.5	88.0	88.3	88.6
200	78.3	81.5	84.1	86.2	87.4	87.9	88.4	89.0	89.3	89.5
250	79.4	82.7	85.2	87.4	88.6	89.1	89.6	90.2	90.5	90.7
315	80.3	83.6	86.2	88.5	89.6	90.1	90.7	91.3	91.5	91.8
400	80.8	84.3	87.0	89.3	90.5	91.0	91.6	92.2	92.4	92.6
500	81.1	84.7	87.5	89.9	91.0	91.6	92.1	92.7	93.0	93.2
630	81.1	84.8	87.7	90.1	91.3	91.8	92.4	93.0	93.3	93.6
800	81.3	85.0	87.9	90.4	91.6	92.1	92.6	93.2	93.5	93.8
1000	81.8	85.6	88.4	90.9	92.1	92.6	93.1	93.7	94.0	94.4
1250	82.4	86.2	89.1	91.6	92.8	93.2	93.7	94.3	94.7	95.1
1600	82.8	86.7	89.6	92.2	93.3	93.8	94.2	94.8	95.2	95.7
2000	82.4	86.3	89.2	91.8	92.9	93.3	93.8	94.3	94.8	95.3
2500	81.2	85.2	88.1	90.7	91.8	92.3	92.7	93.2	93.7	94.2
3150	79.6	83.6	86.5	89.2	90.3	90.7	91.1	91.6	92.1	92.7
4000	76.9	81.0	84.0	86.7	87.8	88.1	88.5	89.0	89.6	90.2
5000	72.9	77.1	80.2	83.0	84.1	84.4	84.8	85.3	85.9	86.6
6300	66.6	71.0	74.2	77.0	78.2	78.6	79.0	79.5	80.2	80.8
8000	57.7	62.1	65.4	68.3	69.5	70.0	70.4	71.0	71.6	72.2
10000	47.3	51.7	55.0	57.9	59.2	59.7	60.2	60.8	61.4	62.0

Tab. 7: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.9	57.1	57.0	56.8	56.6	56.5	56.5	56.4	56.4
25	63.2	63.4	63.3	63.1	62.9	62.8	62.7	62.7	62.7
31.5	68.8	69.0	68.9	68.7	68.5	68.3	68.3	68.3	68.2
40	73.7	73.9	73.8	73.5	73.3	73.2	73.2	73.2	73.1
50	77.9	78.1	78.0	77.8	77.6	77.4	77.4	77.4	77.3
63	81.5	81.7	81.6	81.4	81.2	81.1	81.0	81.0	81.0
80	84.6	84.8	84.7	84.4	84.2	84.1	84.1	84.0	84.0
100	86.9	87.0	86.9	86.6	86.4	86.3	86.3	86.2	86.2
125	88.0	88.2	88.0	87.6	87.4	87.3	87.2	87.2	87.1
160	88.8	88.9	88.7	88.3	88.0	87.9	87.8	87.8	87.7
200	89.7	89.8	89.5	89.0	88.8	88.6	88.5	88.5	88.4
250	90.9	90.9	90.6	90.1	89.9	89.7	89.6	89.5	89.5
315	92.0	91.9	91.6	91.1	90.8	90.6	90.5	90.5	90.4
400	92.9	92.8	92.5	92.0	91.7	91.5	91.5	91.4	91.3
500	93.5	93.5	93.2	92.8	92.5	92.4	92.3	92.3	92.2
630	93.9	94.0	93.8	93.5	93.3	93.2	93.2	93.2	93.2
800	94.2	94.5	94.3	94.1	94.0	94.0	94.1	94.2	94.2
1000	94.8	95.1	95.1	95.0	95.0	95.1	95.2	95.4	95.5
1250	95.5	95.9	95.9	96.0	96.1	96.3	96.5	96.6	96.7
1600	96.1	96.6	96.7	96.9	97.2	97.4	97.5	97.6	97.6
2000	95.7	96.3	96.4	96.9	97.2	97.3	97.3	97.3	97.2
2500	94.7	95.3	95.6	96.2	96.3	96.2	96.1	96.0	95.8
3150	93.2	94.0	94.3	94.8	94.5	94.3	94.1	93.9	93.8
4000	90.9	91.7	92.0	92.0	91.5	91.2	91.0	90.8	90.6
5000	87.3	88.0	88.1	87.6	87.1	86.8	86.6	86.4	86.2
6300	81.5	82.0	81.9	81.2	80.7	80.3	80.1	79.8	79.6
8000	72.9	73.2	73.0	72.2	71.6	71.2	71.0	70.7	70.5
10000	62.5	62.9	62.6	61.8	61.1	60.6	60.3	60.0	59.8

3.4 One-third octave band level E-138 EP3 E2-ST-111-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 8: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.9	51.3	53.2	54.7	55.3	55.8	56.1	56.5	56.8	57.1
25	54.7	57.3	59.3	60.9	61.6	62.0	62.3	62.8	63.1	63.3
31.5	59.8	62.5	64.6	66.3	67.0	67.5	67.9	68.3	68.6	68.9
40	64.1	67.0	69.3	71.1	71.8	72.3	72.7	73.2	73.5	73.7
50	67.9	70.9	73.3	75.2	75.9	76.4	76.8	77.3	77.6	77.9
63	71.2	74.3	76.7	78.7	79.5	80.0	80.4	80.9	81.2	81.5
80	74.0	77.1	79.6	81.6	82.5	83.0	83.4	84.0	84.3	84.6
100	76.0	79.2	81.7	83.8	84.7	85.2	85.7	86.2	86.5	86.8
125	77.1	80.3	82.9	85.0	85.8	86.4	86.9	87.4	87.7	88.0
160	77.9	81.1	83.7	85.8	86.7	87.2	87.7	88.3	88.6	88.8
200	78.8	82.0	84.5	86.7	87.6	88.2	88.7	89.2	89.5	89.8
250	79.9	83.1	85.7	87.8	88.8	89.4	89.9	90.5	90.7	90.9
315	80.8	84.1	86.7	88.9	89.8	90.4	90.9	91.5	91.7	92.0
400	81.4	84.8	87.5	89.7	90.7	91.3	91.8	92.4	92.6	92.8
500	81.6	85.2	88.0	90.3	91.2	91.8	92.3	92.9	93.2	93.4
630	81.7	85.3	88.2	90.5	91.5	92.1	92.6	93.2	93.5	93.8
800	81.9	85.5	88.4	90.8	91.7	92.3	92.8	93.4	93.7	94.0
1000	82.4	86.0	88.9	91.3	92.2	92.8	93.3	93.9	94.2	94.5
1250	82.9	86.6	89.5	92.0	92.9	93.4	93.9	94.5	94.8	95.2
1600	83.4	87.1	90.0	92.5	93.4	93.9	94.4	94.9	95.3	95.8
2000	82.8	86.6	89.6	92.1	92.9	93.4	93.9	94.4	94.9	95.3
2500	81.6	85.5	88.5	90.9	91.8	92.3	92.7	93.3	93.8	94.2
3150	79.9	83.7	86.8	89.3	90.1	90.5	90.9	91.5	92.0	92.6
4000	77.1	81.0	84.1	86.6	87.4	87.8	88.2	88.8	89.4	89.9
5000	72.8	76.8	80.0	82.6	83.4	83.8	84.2	84.8	85.4	86.0
6300	66.1	70.3	73.6	76.3	77.1	77.6	78.0	78.6	79.2	79.8
8000	56.5	60.7	64.1	66.8	67.8	68.3	68.7	69.3	70.0	70.5
10000	45.1	49.3	52.7	55.5	56.4	57.0	57.5	58.1	58.7	59.3

Tab. 9: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.1	57.2	57.1	56.8	56.7	56.6	56.6	56.5	56.5
25	63.4	63.5	63.4	63.1	63.0	62.9	62.9	62.8	62.8
31.5	69.0	69.1	69.0	68.7	68.6	68.5	68.4	68.4	68.4
40	73.9	74.0	73.9	73.6	73.5	73.4	73.3	73.3	73.3
50	78.1	78.2	78.1	77.8	77.7	77.6	77.6	77.5	77.5
63	81.7	81.9	81.7	81.4	81.3	81.2	81.2	81.1	81.1
80	84.8	84.9	84.8	84.5	84.4	84.3	84.2	84.2	84.1
100	87.1	87.2	87.0	86.7	86.5	86.4	86.4	86.3	86.3
125	88.2	88.2	88.0	87.7	87.5	87.4	87.4	87.3	87.3
160	89.0	89.0	88.7	88.3	88.1	88.0	87.9	87.9	87.9
200	89.9	89.8	89.5	89.0	88.8	88.7	88.6	88.6	88.6
250	91.1	90.9	90.6	90.1	89.9	89.8	89.7	89.6	89.6
315	92.1	91.9	91.6	91.1	90.8	90.7	90.6	90.6	90.5
400	93.0	92.8	92.4	92.0	91.7	91.6	91.5	91.5	91.5
500	93.6	93.5	93.2	92.8	92.5	92.5	92.4	92.4	92.4
630	94.0	94.0	93.8	93.5	93.3	93.3	93.3	93.3	93.3
800	94.4	94.5	94.4	94.1	94.1	94.2	94.2	94.3	94.4
1000	94.9	95.2	95.1	95.0	95.1	95.2	95.4	95.5	95.6
1250	95.7	96.0	96.0	96.0	96.2	96.4	96.6	96.7	96.8
1600	96.3	96.6	96.8	97.0	97.3	97.5	97.6	97.6	97.7
2000	95.9	96.3	96.5	97.0	97.3	97.3	97.3	97.2	97.1
2500	94.8	95.3	95.7	96.2	96.2	96.1	96.0	95.8	95.7
3150	93.3	93.9	94.3	94.5	94.3	94.0	93.8	93.6	93.5
4000	90.7	91.4	91.7	91.4	91.0	90.7	90.5	90.3	90.2
5000	86.9	87.4	87.4	86.7	86.3	86.0	85.8	85.6	85.4
6300	80.6	81.0	80.7	79.9	79.4	79.1	78.9	78.6	78.4
8000	71.2	71.4	71.0	70.2	69.7	69.3	69.0	68.8	68.6
10000	59.9	60.0	59.6	58.7	58.1	57.7	57.4	57.1	56.9

3.5 One-third octave band level E-138 EP3 E2-ST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 10: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.4	51.8	53.7	55.0	55.6	56.0	56.4	56.8	57.1	57.2
25	55.3	57.8	59.8	61.2	61.8	62.3	62.6	63.0	63.3	63.5
31.5	60.3	63.0	65.1	66.7	67.3	67.8	68.2	68.6	68.9	69.1
40	64.7	67.5	69.8	71.5	72.1	72.6	73.0	73.4	73.7	74.0
50	68.5	71.4	73.8	75.5	76.2	76.7	77.2	77.6	77.9	78.2
63	71.8	74.8	77.2	79.0	79.7	80.3	80.7	81.2	81.5	81.8
80	74.6	77.7	80.2	82.0	82.7	83.3	83.8	84.2	84.6	84.8
100	76.7	79.8	82.3	84.2	85.0	85.5	86.0	86.5	86.8	87.1
125	77.8	80.9	83.4	85.3	86.1	86.7	87.2	87.7	88.0	88.2
160	78.6	81.7	84.2	86.2	86.9	87.5	88.0	88.5	88.8	89.1
200	79.4	82.5	85.1	87.0	87.8	88.4	89.0	89.5	89.8	90.0
250	80.5	83.7	86.3	88.2	89.0	89.6	90.2	90.7	90.9	91.1
315	81.4	84.6	87.3	89.2	90.0	90.6	91.2	91.7	92.0	92.2
400	82.0	85.3	88.1	90.1	90.9	91.5	92.1	92.6	92.8	93.0
500	82.2	85.7	88.5	90.6	91.4	92.0	92.6	93.1	93.4	93.6
630	82.3	85.8	88.7	90.9	91.7	92.2	92.8	93.4	93.7	93.9
800	82.5	86.0	89.0	91.1	91.9	92.5	93.0	93.6	93.9	94.2
1000	83.0	86.5	89.4	91.6	92.4	92.9	93.5	94.0	94.4	94.7
1250	83.5	87.1	90.1	92.2	93.0	93.5	94.1	94.6	95.0	95.4
1600	83.9	87.5	90.5	92.7	93.5	94.0	94.5	95.0	95.5	95.9
2000	83.3	87.0	90.0	92.2	92.9	93.5	94.0	94.5	95.0	95.4
2500	82.1	85.7	88.8	91.0	91.7	92.2	92.7	93.2	93.8	94.2
3150	80.2	83.9	86.9	89.2	89.9	90.3	90.8	91.3	91.9	92.4
4000	77.1	80.9	84.0	86.3	86.9	87.4	87.8	88.4	89.0	89.6
5000	72.5	76.4	79.6	81.9	82.6	83.0	83.4	84.0	84.7	85.3
6300	65.2	69.3	72.6	75.0	75.7	76.2	76.6	77.2	77.9	78.6
8000	54.7	58.8	62.1	64.6	65.4	65.9	66.4	67.1	67.7	68.3
10000	41.9	46.0	49.4	51.9	52.8	53.3	53.8	54.5	55.1	55.7

Tab. 11: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.4	57.4	57.2	57.0	56.9	56.8	56.8	56.8	56.7
25	63.7	63.7	63.5	63.3	63.2	63.1	63.0	63.0	63.0
31.5	69.3	69.3	69.1	68.8	68.7	68.7	68.6	68.6	68.6
40	74.2	74.2	73.9	73.7	73.6	73.5	73.5	73.5	73.5
50	78.4	78.4	78.2	77.9	77.9	77.8	77.7	77.7	77.7
63	82.1	82.0	81.8	81.6	81.5	81.4	81.3	81.3	81.3
80	85.1	85.1	84.8	84.6	84.5	84.4	84.4	84.4	84.3
100	87.4	87.3	87.0	86.8	86.7	86.6	86.5	86.5	86.5
125	88.5	88.4	88.1	87.8	87.6	87.6	87.5	87.5	87.5
160	89.3	89.1	88.7	88.4	88.2	88.1	88.1	88.1	88.1
200	90.1	89.9	89.5	89.1	88.9	88.8	88.8	88.7	88.7
250	91.2	91.0	90.6	90.2	90.0	89.9	89.8	89.8	89.8
315	92.2	91.9	91.5	91.1	90.9	90.8	90.7	90.7	90.7
400	93.1	92.8	92.4	92.0	91.8	91.7	91.6	91.6	91.6
500	93.8	93.5	93.1	92.8	92.6	92.5	92.5	92.5	92.5
630	94.2	94.1	93.8	93.5	93.4	93.4	93.4	93.4	93.5
800	94.6	94.6	94.4	94.2	94.2	94.3	94.3	94.4	94.5
1000	95.2	95.2	95.2	95.1	95.2	95.4	95.5	95.6	95.7
1250	95.9	96.0	96.1	96.2	96.4	96.5	96.7	96.8	96.9
1600	96.5	96.7	96.8	97.1	97.4	97.5	97.6	97.7	97.7
2000	96.1	96.3	96.7	97.1	97.3	97.3	97.2	97.2	97.1
2500	95.0	95.3	95.8	96.1	96.1	95.9	95.7	95.6	95.5
3150	93.3	93.7	94.2	94.1	93.9	93.6	93.4	93.3	93.1
4000	90.5	91.0	91.1	90.7	90.3	90.1	89.9	89.7	89.6
5000	86.3	86.6	86.2	85.6	85.3	85.0	84.8	84.6	84.5
6300	79.4	79.4	78.8	78.2	77.8	77.5	77.3	77.1	76.9
8000	69.0	68.9	68.2	67.5	67.1	66.8	66.5	66.3	66.0
10000	56.3	56.2	55.4	54.7	54.2	53.8	53.5	53.2	53.0

3.6 One-third octave band level E-138 EP3 E2-ST-131-FB-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 12: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.4	51.8	53.7	55.0	55.6	56.0	56.4	56.8	57.1	57.2
25	55.3	57.8	59.8	61.2	61.8	62.3	62.6	63.0	63.3	63.5
31.5	60.3	63.0	65.1	66.7	67.3	67.8	68.2	68.6	68.9	69.1
40	64.7	67.5	69.8	71.5	72.1	72.6	73.0	73.4	73.7	74.0
50	68.5	71.4	73.8	75.5	76.2	76.7	77.2	77.6	77.9	78.2
63	71.8	74.8	77.2	79.0	79.7	80.3	80.7	81.2	81.5	81.8
80	74.6	77.7	80.2	82.0	82.7	83.3	83.8	84.2	84.6	84.8
100	76.7	79.8	82.3	84.2	85.0	85.5	86.0	86.5	86.8	87.1
125	77.8	80.9	83.4	85.3	86.1	86.7	87.2	87.7	88.0	88.2
160	78.6	81.7	84.2	86.2	86.9	87.5	88.0	88.5	88.8	89.1
200	79.4	82.5	85.1	87.0	87.8	88.4	89.0	89.5	89.8	90.0
250	80.5	83.7	86.3	88.2	89.0	89.6	90.2	90.7	90.9	91.1
315	81.4	84.6	87.3	89.2	90.0	90.6	91.2	91.7	92.0	92.2
400	82.0	85.3	88.1	90.1	90.9	91.5	92.1	92.6	92.8	93.0
500	82.2	85.7	88.5	90.6	91.4	92.0	92.6	93.1	93.4	93.6
630	82.3	85.8	88.7	90.9	91.7	92.2	92.8	93.4	93.7	93.9
800	82.5	86.0	89.0	91.1	91.9	92.5	93.0	93.6	93.9	94.2
1000	83.0	86.5	89.4	91.6	92.4	92.9	93.5	94.0	94.4	94.7
1250	83.5	87.1	90.1	92.2	93.0	93.5	94.1	94.6	95.0	95.4
1600	83.9	87.5	90.5	92.7	93.5	94.0	94.5	95.0	95.5	95.9
2000	83.3	87.0	90.0	92.2	92.9	93.5	94.0	94.5	95.0	95.4
2500	82.1	85.7	88.8	91.0	91.7	92.2	92.7	93.2	93.8	94.2
3150	80.2	83.9	86.9	89.2	89.9	90.3	90.8	91.3	91.9	92.4
4000	77.1	80.9	84.0	86.3	86.9	87.4	87.8	88.4	89.0	89.6
5000	72.5	76.4	79.6	81.9	82.6	83.0	83.4	84.0	84.7	85.3
6300	65.2	69.3	72.6	75.0	75.7	76.2	76.6	77.2	77.9	78.6
8000	54.7	58.8	62.1	64.6	65.4	65.9	66.4	67.1	67.7	68.3
10000	41.9	46.0	49.4	51.9	52.8	53.3	53.8	54.5	55.1	55.7

Tab. 13: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.4	57.4	57.2	57.0	56.9	56.8	56.8	56.8	56.7
25	63.7	63.7	63.5	63.3	63.2	63.1	63.0	63.0	63.0
31.5	69.3	69.3	69.1	68.8	68.7	68.7	68.6	68.6	68.6
40	74.2	74.2	73.9	73.7	73.6	73.5	73.5	73.5	73.5
50	78.4	78.4	78.2	77.9	77.9	77.8	77.7	77.7	77.7
63	82.1	82.0	81.8	81.6	81.5	81.4	81.3	81.3	81.3
80	85.1	85.1	84.8	84.6	84.5	84.4	84.4	84.4	84.3
100	87.4	87.3	87.0	86.8	86.7	86.6	86.5	86.5	86.5
125	88.5	88.4	88.1	87.8	87.6	87.6	87.5	87.5	87.5
160	89.3	89.1	88.7	88.4	88.2	88.1	88.1	88.1	88.1
200	90.1	89.9	89.5	89.1	88.9	88.8	88.8	88.7	88.7
250	91.2	91.0	90.6	90.2	90.0	89.9	89.8	89.8	89.8
315	92.2	91.9	91.5	91.1	90.9	90.8	90.7	90.7	90.7
400	93.1	92.8	92.4	92.0	91.8	91.7	91.6	91.6	91.6
500	93.8	93.5	93.1	92.8	92.6	92.5	92.5	92.5	92.5
630	94.2	94.1	93.8	93.5	93.4	93.4	93.4	93.4	93.5
800	94.6	94.6	94.4	94.2	94.2	94.3	94.3	94.4	94.5
1000	95.2	95.2	95.2	95.1	95.2	95.4	95.5	95.6	95.7
1250	95.9	96.0	96.1	96.2	96.4	96.5	96.7	96.8	96.9
1600	96.5	96.7	96.8	97.1	97.4	97.5	97.6	97.7	97.7
2000	96.1	96.3	96.7	97.1	97.3	97.3	97.2	97.2	97.1
2500	95.0	95.3	95.8	96.1	96.1	95.9	95.7	95.6	95.5
3150	93.3	93.7	94.2	94.1	93.9	93.6	93.4	93.3	93.1
4000	90.5	91.0	91.1	90.7	90.3	90.1	89.9	89.7	89.6
5000	86.3	86.6	86.2	85.6	85.3	85.0	84.8	84.6	84.5
6300	79.4	79.4	78.8	78.2	77.8	77.5	77.3	77.1	76.9
8000	69.0	68.9	68.2	67.5	67.1	66.8	66.5	66.3	66.0
10000	56.3	56.2	55.4	54.7	54.2	53.8	53.5	53.2	53.0

3.7 One-third octave band level E-138 EP3 E2-HST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 14: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	<i>v_s</i> at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.4	51.8	53.7	55.0	55.6	56.0	56.4	56.8	57.1	57.2
25	55.3	57.8	59.8	61.2	61.8	62.3	62.6	63.0	63.3	63.5
31.5	60.3	63.0	65.1	66.7	67.3	67.8	68.2	68.6	68.9	69.1
40	64.7	67.5	69.8	71.5	72.1	72.6	73.0	73.4	73.7	74.0
50	68.5	71.4	73.8	75.5	76.2	76.7	77.2	77.6	77.9	78.2
63	71.8	74.8	77.2	79.0	79.7	80.3	80.7	81.2	81.5	81.8
80	74.6	77.7	80.2	82.0	82.7	83.3	83.8	84.2	84.6	84.8
100	76.7	79.8	82.3	84.2	85.0	85.5	86.0	86.5	86.8	87.1
125	77.8	80.9	83.4	85.3	86.1	86.7	87.2	87.7	88.0	88.2
160	78.6	81.7	84.2	86.2	86.9	87.5	88.0	88.5	88.8	89.1
200	79.4	82.5	85.1	87.0	87.8	88.4	89.0	89.5	89.8	90.0
250	80.5	83.7	86.3	88.2	89.0	89.6	90.2	90.7	90.9	91.1
315	81.4	84.6	87.3	89.2	90.0	90.6	91.2	91.7	92.0	92.2
400	82.0	85.3	88.1	90.1	90.9	91.5	92.1	92.6	92.8	93.0
500	82.2	85.7	88.5	90.6	91.4	92.0	92.6	93.1	93.4	93.6
630	82.3	85.8	88.7	90.9	91.7	92.2	92.8	93.4	93.7	93.9
800	82.5	86.0	89.0	91.1	91.9	92.5	93.0	93.6	93.9	94.2
1000	83.0	86.5	89.4	91.6	92.4	92.9	93.5	94.0	94.4	94.7
1250	83.5	87.1	90.1	92.2	93.0	93.5	94.1	94.6	95.0	95.4
1600	83.9	87.5	90.5	92.7	93.5	94.0	94.5	95.0	95.5	95.9
2000	83.3	87.0	90.0	92.2	92.9	93.5	94.0	94.5	95.0	95.4
2500	82.1	85.7	88.8	91.0	91.7	92.2	92.7	93.2	93.8	94.2
3150	80.2	83.9	86.9	89.2	89.9	90.3	90.8	91.3	91.9	92.4
4000	77.1	80.9	84.0	86.3	86.9	87.4	87.8	88.4	89.0	89.6
5000	72.5	76.4	79.6	81.9	82.6	83.0	83.4	84.0	84.7	85.3
6300	65.2	69.3	72.6	75.0	75.7	76.2	76.6	77.2	77.9	78.6
8000	54.7	58.8	62.1	64.6	65.4	65.9	66.4	67.1	67.7	68.3
10000	41.9	46.0	49.4	51.9	52.8	53.3	53.8	54.5	55.1	55.7

Tab. 15: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.4	57.4	57.2	57.0	56.9	56.8	56.8	56.8	56.7
25	63.7	63.7	63.5	63.3	63.2	63.1	63.0	63.0	63.0
31.5	69.3	69.3	69.1	68.8	68.7	68.7	68.6	68.6	68.6
40	74.2	74.2	73.9	73.7	73.6	73.5	73.5	73.5	73.5
50	78.4	78.4	78.2	77.9	77.9	77.8	77.7	77.7	77.7
63	82.1	82.0	81.8	81.6	81.5	81.4	81.3	81.3	81.3
80	85.1	85.1	84.8	84.6	84.5	84.4	84.4	84.4	84.3
100	87.4	87.3	87.0	86.8	86.7	86.6	86.5	86.5	86.5
125	88.5	88.4	88.1	87.8	87.6	87.6	87.5	87.5	87.5
160	89.3	89.1	88.7	88.4	88.2	88.1	88.1	88.1	88.1
200	90.1	89.9	89.5	89.1	88.9	88.8	88.8	88.7	88.7
250	91.2	91.0	90.6	90.2	90.0	89.9	89.8	89.8	89.8
315	92.2	91.9	91.5	91.1	90.9	90.8	90.7	90.7	90.7
400	93.1	92.8	92.4	92.0	91.8	91.7	91.6	91.6	91.6
500	93.8	93.5	93.1	92.8	92.6	92.5	92.5	92.5	92.5
630	94.2	94.1	93.8	93.5	93.4	93.4	93.4	93.4	93.5
800	94.6	94.6	94.4	94.2	94.2	94.3	94.3	94.4	94.5
1000	95.2	95.2	95.2	95.1	95.2	95.4	95.5	95.6	95.7
1250	95.9	96.0	96.1	96.2	96.4	96.5	96.7	96.8	96.9
1600	96.5	96.7	96.8	97.1	97.4	97.5	97.6	97.7	97.7
2000	96.1	96.3	96.7	97.1	97.3	97.3	97.2	97.2	97.1
2500	95.0	95.3	95.8	96.1	96.1	95.9	95.7	95.6	95.5
3150	93.3	93.7	94.2	94.1	93.9	93.6	93.4	93.3	93.1
4000	90.5	91.0	91.1	90.7	90.3	90.1	89.9	89.7	89.6
5000	86.3	86.6	86.2	85.6	85.3	85.0	84.8	84.6	84.5
6300	79.4	79.4	78.8	78.2	77.8	77.5	77.3	77.1	76.9
8000	69.0	68.9	68.2	67.5	67.1	66.8	66.5	66.3	66.0
10000	56.3	56.2	55.4	54.7	54.2	53.8	53.5	53.2	53.0

3.8 One-third octave band level E-138 EP3 E2-HT-149-ES-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 16: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.9	52.1	54.1	55.3	55.8	56.2	56.6	57.0	57.3	57.4
25	55.7	58.1	60.2	61.5	62.0	62.5	62.9	63.3	63.6	63.7
31.5	60.8	63.4	65.6	67.0	67.5	68.0	68.4	68.8	69.1	69.2
40	65.2	67.9	70.2	71.8	72.3	72.8	73.2	73.7	74.0	74.1
50	69.0	71.9	74.3	75.9	76.4	76.9	77.4	77.8	78.1	78.3
63	72.3	75.2	77.7	79.4	80.0	80.5	81.0	81.4	81.7	82.0
80	75.1	78.1	80.6	82.3	83.0	83.5	84.0	84.4	84.8	85.0
100	77.2	80.2	82.8	84.5	85.2	85.7	86.2	86.7	87.0	87.3
125	78.3	81.3	83.9	85.7	86.3	86.9	87.4	87.9	88.2	88.4
160	79.1	82.1	84.7	86.5	87.2	87.7	88.3	88.7	89.0	89.2
200	79.9	83.0	85.6	87.3	88.1	88.6	89.2	89.6	89.9	90.1
250	81.0	84.1	86.7	88.5	89.2	89.8	90.4	90.8	91.1	91.3
315	81.9	85.0	87.7	89.5	90.3	90.8	91.4	91.8	92.1	92.3
400	82.5	85.8	88.5	90.4	91.1	91.7	92.3	92.7	93.0	93.1
500	82.7	86.1	89.0	90.9	91.6	92.2	92.8	93.2	93.5	93.7
630	82.8	86.3	89.2	91.1	91.9	92.4	93.0	93.5	93.8	94.1
800	83.0	86.4	89.4	91.4	92.1	92.6	93.2	93.7	94.0	94.4
1000	83.4	86.9	89.9	91.8	92.5	93.1	93.6	94.1	94.5	94.9
1250	84.0	87.5	90.5	92.4	93.1	93.6	94.2	94.7	95.1	95.5
1600	84.3	87.9	90.9	92.9	93.5	94.0	94.6	95.1	95.6	96.0
2000	83.7	87.3	90.3	92.3	92.9	93.5	94.0	94.5	95.0	95.5
2500	82.3	85.9	89.0	91.0	91.6	92.1	92.6	93.2	93.7	94.2
3150	80.3	83.9	87.0	89.0	89.6	90.1	90.6	91.2	91.7	92.3
4000	77.0	80.8	83.9	85.9	86.5	86.9	87.4	88.0	88.6	89.3
5000	72.1	75.9	79.2	81.2	81.8	82.2	82.6	83.3	84.0	84.7
6300	64.3	68.3	71.6	73.8	74.4	74.9	75.3	76.0	76.7	77.4
8000	52.9	56.9	60.4	62.6	63.3	63.8	64.3	65.0	65.6	66.3
10000	39.0	43.0	46.4	48.7	49.4	50.0	50.5	51.2	51.8	52.4

Tab. 17: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.6	57.5	57.3	57.1	57.0	57.0	56.9	56.9	56.9
25	63.9	63.8	63.6	63.4	63.3	63.2	63.2	63.2	63.2
31.5	69.5	69.4	69.2	69.0	68.9	68.8	68.8	68.7	68.8
40	74.4	74.3	74.1	73.9	73.8	73.7	73.6	73.6	73.6
50	78.6	78.5	78.3	78.1	78.0	77.9	77.9	77.8	77.9
63	82.3	82.1	81.9	81.7	81.6	81.5	81.5	81.4	81.5
80	85.3	85.2	84.9	84.8	84.6	84.6	84.5	84.5	84.5
100	87.6	87.4	87.1	86.9	86.8	86.7	86.7	86.7	86.7
125	88.7	88.5	88.1	87.9	87.8	87.7	87.7	87.6	87.6
160	89.4	89.2	88.8	88.5	88.4	88.3	88.2	88.2	88.2
200	90.2	90.0	89.5	89.2	89.0	89.0	88.9	88.9	88.9
250	91.4	91.1	90.6	90.3	90.1	90.0	89.9	89.9	89.9
315	92.3	92.0	91.5	91.2	91.0	90.9	90.9	90.8	90.8
400	93.2	92.9	92.4	92.1	91.9	91.8	91.8	91.7	91.8
500	93.9	93.6	93.1	92.9	92.7	92.6	92.6	92.6	92.7
630	94.3	94.1	93.8	93.6	93.5	93.5	93.5	93.5	93.6
800	94.7	94.6	94.4	94.3	94.3	94.4	94.5	94.6	94.7
1000	95.3	95.3	95.2	95.2	95.3	95.5	95.6	95.7	95.9
1250	96.0	96.1	96.1	96.3	96.5	96.6	96.8	96.9	97.0
1600	96.6	96.7	96.9	97.3	97.5	97.6	97.6	97.7	97.7
2000	96.1	96.3	96.8	97.1	97.2	97.2	97.1	97.1	97.0
2500	94.9	95.2	95.8	96.0	95.9	95.7	95.5	95.4	95.3
3150	93.2	93.5	94.0	93.8	93.5	93.3	93.1	92.9	92.8
4000	90.2	90.6	90.5	90.1	89.8	89.5	89.3	89.1	89.0
5000	85.6	85.7	85.2	84.7	84.4	84.1	83.9	83.7	83.6
6300	78.1	78.0	77.3	76.7	76.4	76.1	75.8	75.6	75.5
8000	66.8	66.6	65.8	65.2	64.8	64.5	64.2	64.0	63.8
10000	52.9	52.6	51.8	51.1	50.6	50.3	50.0	49.7	49.5

3.9 One-third octave band level E-138 EP3 E2-HT-160-ES-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 18: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	50.1	52.3	54.2	55.5	55.9	56.3	56.7	57.1	57.4	57.5
25	55.9	58.3	60.4	61.7	62.2	62.6	63.0	63.3	63.7	63.8
31.5	61.0	63.6	65.8	67.2	67.7	68.1	68.5	68.9	69.2	69.4
40	65.5	68.2	70.4	71.9	72.4	72.9	73.4	73.7	74.1	74.3
50	69.3	72.1	74.5	76.0	76.6	77.0	77.5	77.9	78.3	78.5
63	72.6	75.5	77.9	79.5	80.1	80.6	81.1	81.5	81.9	82.1
80	75.4	78.3	80.9	82.5	83.1	83.6	84.1	84.5	84.9	85.2
100	77.4	80.4	83.0	84.7	85.3	85.8	86.4	86.8	87.1	87.4
125	78.5	81.6	84.1	85.8	86.5	87.0	87.6	88.0	88.3	88.6
160	79.3	82.3	84.9	86.6	87.3	87.8	88.4	88.8	89.1	89.4
200	80.1	83.2	85.8	87.5	88.2	88.8	89.4	89.7	90.0	90.2
250	81.2	84.3	86.9	88.7	89.3	89.9	90.6	90.9	91.2	91.4
315	82.1	85.3	87.9	89.7	90.3	91.0	91.6	91.9	92.2	92.4
400	82.7	86.0	88.7	90.5	91.2	91.8	92.4	92.8	93.0	93.2
500	83.0	86.4	89.2	91.0	91.7	92.3	92.9	93.3	93.6	93.8
630	83.0	86.5	89.4	91.3	91.9	92.5	93.1	93.6	93.9	94.2
800	83.2	86.7	89.6	91.5	92.1	92.7	93.3	93.8	94.1	94.5
1000	83.6	87.1	90.0	92.0	92.6	93.1	93.7	94.2	94.6	95.0
1250	84.2	87.7	90.6	92.6	93.2	93.7	94.3	94.7	95.2	95.6
1600	84.5	88.0	91.0	93.0	93.6	94.1	94.6	95.1	95.6	96.1
2000	83.9	87.4	90.4	92.4	92.9	93.5	94.0	94.5	95.0	95.6
2500	82.4	86.0	89.1	91.0	91.6	92.1	92.6	93.1	93.7	94.3
3150	80.3	83.9	87.0	89.0	89.5	89.9	90.5	91.0	91.6	92.3
4000	76.9	80.6	83.8	85.7	86.2	86.6	87.1	87.7	88.4	89.1
5000	71.8	75.6	78.8	80.8	81.3	81.7	82.2	82.8	83.5	84.3
6300	63.7	67.6	71.0	73.1	73.6	74.0	74.5	75.2	75.9	76.7
8000	51.8	55.8	59.2	61.3	62.0	62.5	63.0	63.7	64.3	65.0
10000	37.1	41.1	44.5	46.7	47.4	47.9	48.5	49.1	49.8	50.4

Tab. 19: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.7	57.6	57.3	57.2	57.1	57.0	57.0	57.0	57.0
25	64.0	63.9	63.6	63.5	63.4	63.3	63.3	63.3	63.2
31.5	69.6	69.5	69.2	69.1	69.0	68.9	68.9	68.9	68.8
40	74.5	74.4	74.1	73.9	73.9	73.8	73.7	73.7	73.7
50	78.7	78.6	78.3	78.2	78.1	78.0	78.0	78.0	77.9
63	82.3	82.2	81.9	81.8	81.7	81.6	81.6	81.6	81.5
80	85.4	85.3	85.0	84.8	84.7	84.7	84.6	84.6	84.6
100	87.6	87.5	87.2	87.0	86.9	86.8	86.8	86.8	86.7
125	88.7	88.5	88.2	88.0	87.9	87.8	87.7	87.7	87.7
160	89.5	89.2	88.8	88.6	88.5	88.4	88.3	88.3	88.3
200	90.3	90.0	89.5	89.3	89.1	89.0	89.0	89.0	89.0
250	91.4	91.1	90.6	90.3	90.2	90.1	90.0	90.0	90.0
315	92.4	92.0	91.5	91.2	91.1	91.0	90.9	90.9	90.9
400	93.2	92.9	92.4	92.1	92.0	91.9	91.8	91.8	91.8
500	93.9	93.6	93.1	92.9	92.8	92.7	92.7	92.7	92.7
630	94.3	94.1	93.8	93.6	93.6	93.5	93.6	93.6	93.7
800	94.7	94.7	94.4	94.3	94.4	94.4	94.5	94.6	94.7
1000	95.3	95.3	95.2	95.3	95.4	95.5	95.7	95.8	95.9
1250	96.0	96.1	96.2	96.3	96.6	96.7	96.8	97.0	97.0
1600	96.6	96.7	97.0	97.3	97.5	97.6	97.7	97.7	97.7
2000	96.1	96.3	96.8	97.1	97.2	97.2	97.1	97.0	96.9
2500	94.9	95.2	95.8	95.9	95.8	95.6	95.4	95.3	95.1
3150	93.0	93.4	93.8	93.5	93.3	93.1	92.9	92.7	92.6
4000	89.9	90.3	90.1	89.7	89.4	89.2	89.0	88.8	88.7
5000	85.1	85.2	84.6	84.1	83.8	83.6	83.4	83.2	83.0
6300	77.3	77.1	76.3	75.8	75.5	75.2	75.0	74.8	74.6
8000	65.4	65.2	64.3	63.7	63.4	63.0	62.8	62.6	62.4
10000	50.8	50.5	49.5	48.9	48.5	48.1	47.8	47.6	47.3

4 Operating mode I s

4.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 20: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre freq. in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	51.3	52.6	53.8	54.6	54.8	55.0	55.3	55.5	55.8	56.1	56.2
25	57.2	58.6	59.9	60.7	60.9	61.2	61.5	61.7	62.0	62.3	62.4
31.5	62.4	63.9	65.3	66.1	66.4	66.6	66.9	67.2	67.5	67.8	67.9
40	66.9	68.5	70.0	70.8	71.1	71.4	71.7	71.9	72.3	72.6	72.7
50	70.8	72.5	74.0	74.9	75.1	75.4	75.8	76.0	76.4	76.7	76.8
63	74.1	75.8	77.4	78.3	78.6	78.9	79.3	79.6	79.9	80.2	80.4
80	77.0	78.7	80.4	81.3	81.6	81.9	82.2	82.5	82.9	83.2	83.4
100	79.1	80.9	82.5	83.5	83.8	84.1	84.5	84.8	85.1	85.5	85.6
125	80.2	81.9	83.6	84.6	84.9	85.2	85.6	85.9	86.3	86.7	86.8
160	81.0	82.7	84.4	85.4	85.7	86.1	86.5	86.8	87.2	87.6	87.7
200	81.8	83.6	85.3	86.3	86.6	86.9	87.4	87.7	88.1	88.5	88.7
250	82.9	84.7	86.5	87.4	87.8	88.1	88.6	88.9	89.3	89.7	89.9
315	83.9	85.7	87.5	88.4	88.8	89.1	89.6	89.9	90.4	90.8	90.9
400	84.6	86.5	88.3	89.3	89.6	89.9	90.4	90.8	91.2	91.6	91.8
500	84.9	86.9	88.7	89.8	90.1	90.4	90.9	91.2	91.7	92.1	92.2
630	85.0	87.0	89.0	90.0	90.3	90.6	91.1	91.4	91.8	92.3	92.4
800	85.2	87.2	89.2	90.2	90.5	90.8	91.3	91.6	92.0	92.4	92.6
1000	85.7	87.7	89.7	90.7	91.0	91.3	91.7	92.0	92.4	92.8	93.0
1250	86.3	88.3	90.3	91.3	91.6	91.9	92.3	92.6	93.0	93.4	93.6
1600	86.7	88.8	90.7	91.8	92.0	92.3	92.7	93.0	93.4	93.8	94.0
2000	86.2	88.3	90.2	91.3	91.5	91.8	92.1	92.5	92.8	93.2	93.4
2500	84.9	87.0	89.0	90.0	90.3	90.5	90.9	91.2	91.5	91.9	92.1
3150	83.0	85.2	87.2	88.2	88.4	88.6	88.9	89.2	89.5	89.9	90.2
4000	80.1	82.2	84.3	85.3	85.4	85.7	85.9	86.2	86.5	86.8	87.1
5000	75.5	77.8	79.8	80.9	81.0	81.3	81.5	81.7	82.0	82.3	82.7
6300	68.4	70.7	72.8	73.9	74.1	74.4	74.7	74.9	75.2	75.5	75.9
8000	57.8	60.2	62.4	63.5	63.8	64.1	64.4	64.7	65.0	65.3	65.7

One-third octave band level centre freq. in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	45.1	47.5	49.7	50.8	51.1	51.4	51.8	52.1	52.4	52.8	53.1

Tab. 21: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	56.4	56.5	56.5	56.9	56.9	56.8	56.8	56.6	56.4	56.4
25	62.6	62.7	62.7	63.2	63.1	63.1	63.0	62.8	62.7	62.6
31.5	68.1	68.2	68.3	68.7	68.7	68.6	68.5	68.4	68.2	68.1
40	72.9	73.0	73.1	73.6	73.5	73.5	73.4	73.2	73.0	73.0
50	77.0	77.2	77.3	77.8	77.7	77.7	77.6	77.4	77.2	77.1
63	80.6	80.8	80.9	81.4	81.3	81.2	81.1	80.9	80.8	80.7
80	83.6	83.8	84.0	84.4	84.3	84.3	84.2	84.0	83.8	83.7
100	85.8	86.0	86.2	86.6	86.5	86.5	86.4	86.1	86.0	85.9
125	87.0	87.2	87.4	87.8	87.6	87.5	87.4	87.2	87.0	86.9
160	87.9	88.1	88.2	88.6	88.4	88.3	88.1	87.8	87.6	87.5
200	88.8	89.0	89.1	89.4	89.2	89.1	88.9	88.5	88.3	88.2
250	90.1	90.2	90.3	90.6	90.3	90.2	89.9	89.6	89.3	89.2
315	91.1	91.2	91.3	91.6	91.3	91.1	90.9	90.5	90.3	90.1
400	91.9	92.1	92.2	92.4	92.2	92.0	91.7	91.4	91.1	91.0
500	92.4	92.6	92.7	93.0	92.8	92.6	92.4	92.1	91.9	91.8
630	92.6	92.8	93.0	93.4	93.2	93.1	93.0	92.7	92.5	92.5
800	92.8	93.0	93.2	93.7	93.6	93.6	93.5	93.3	93.2	93.2
1000	93.2	93.4	93.7	94.2	94.2	94.2	94.2	94.1	94.1	94.2
1250	93.8	94.0	94.4	94.9	94.9	95.0	95.0	95.0	95.1	95.3
1600	94.2	94.4	94.8	95.4	95.5	95.6	95.7	95.8	96.1	96.3
2000	93.7	93.9	94.4	95.0	95.1	95.3	95.4	95.7	96.0	96.2
2500	92.4	92.6	93.1	93.8	94.0	94.2	94.4	94.9	95.1	95.0
3150	90.5	90.7	91.3	92.1	92.3	92.6	92.8	93.2	93.1	92.9
4000	87.5	87.8	88.4	89.3	89.6	89.9	90.1	90.0	89.6	89.4
5000	83.1	83.4	84.1	85.1	85.3	85.5	85.5	85.0	84.6	84.3
6300	76.3	76.6	77.3	78.2	78.3	78.3	78.2	77.6	77.2	76.9
8000	66.1	66.4	67.1	67.9	67.9	67.8	67.6	67.0	66.5	66.2
10000	53.5	53.8	54.5	55.2	55.2	55.1	54.9	54.2	53.7	53.3

4.2 One-third octave band level E-138 EP3 E2-ST-81-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 22: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.9	50.5	52.3	53.8	54.3	54.7	55.0	55.4	55.7	55.9
25	53.6	56.4	58.4	59.9	60.5	60.8	61.2	61.6	61.9	62.1
31.5	58.7	61.6	63.7	65.3	65.9	66.3	66.7	67.1	67.4	67.6
40	63.0	66.0	68.3	70.0	70.6	71.0	71.4	71.9	72.2	72.4
50	66.8	69.9	72.3	74.1	74.7	75.1	75.5	76.0	76.3	76.6
63	70.0	73.2	75.7	77.5	78.2	78.6	79.0	79.5	79.9	80.1
80	72.8	76.1	78.6	80.5	81.1	81.6	82.0	82.5	82.9	83.2
100	74.9	78.2	80.7	82.6	83.3	83.8	84.3	84.7	85.1	85.4
125	76.0	79.3	81.8	83.7	84.5	85.0	85.4	85.9	86.4	86.6
160	76.8	80.1	82.6	84.6	85.3	85.8	86.3	86.8	87.3	87.5
200	77.6	81.0	83.5	85.4	86.2	86.7	87.2	87.8	88.2	88.4
250	78.8	82.1	84.7	86.6	87.4	87.9	88.5	89.0	89.5	89.7
315	79.6	83.1	85.7	87.7	88.5	89.0	89.5	90.1	90.5	90.7
400	80.2	83.8	86.5	88.5	89.3	89.8	90.3	90.9	91.4	91.6
500	80.4	84.1	86.9	89.0	89.8	90.3	90.8	91.4	91.9	92.1
630	80.5	84.2	87.1	89.3	90.1	90.6	91.1	91.7	92.1	92.3
800	80.7	84.5	87.3	89.5	90.3	90.8	91.3	91.9	92.3	92.6
1000	81.2	85.0	87.9	90.1	90.8	91.3	91.8	92.3	92.8	93.0
1250	81.8	85.6	88.6	90.8	91.5	91.9	92.4	92.9	93.4	93.7
1600	82.3	86.1	89.1	91.3	92.1	92.5	92.9	93.5	93.9	94.2
2000	81.8	85.7	88.7	91.0	91.7	92.1	92.5	93.0	93.5	93.8
2500	80.8	84.7	87.7	90.0	90.6	91.0	91.5	92.0	92.4	92.8
3150	79.2	83.2	86.3	88.5	89.2	89.5	89.9	90.4	90.8	91.2
4000	76.7	80.8	84.0	86.2	86.8	87.1	87.5	87.9	88.4	88.8
5000	72.9	77.2	80.4	82.7	83.3	83.6	84.0	84.4	84.8	85.3
6300	67.1	71.4	74.8	77.2	77.9	78.2	78.6	79.0	79.4	80.0
8000	58.9	63.2	66.6	69.1	69.9	70.2	70.7	71.1	71.6	72.1
10000	49.5	53.8	57.3	59.8	60.5	60.9	61.4	61.9	62.4	62.9

Tab. 23: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.0	56.3	56.4	56.3	56.1	55.9	55.8	55.7	55.7
25	62.3	62.6	62.7	62.5	62.3	62.1	62.0	62.0	61.9
31.5	67.8	68.1	68.2	68.1	67.9	67.7	67.6	67.5	67.5
40	72.6	73.0	73.0	72.9	72.7	72.5	72.4	72.3	72.3
50	76.8	77.2	77.2	77.1	76.9	76.7	76.6	76.5	76.5
63	80.4	80.7	80.8	80.7	80.5	80.2	80.2	80.1	80.0
80	83.4	83.8	83.8	83.7	83.5	83.3	83.2	83.1	83.1
100	85.6	86.0	86.1	85.9	85.7	85.4	85.3	85.3	85.2
125	86.8	87.2	87.2	87.0	86.7	86.4	86.3	86.2	86.2
160	87.7	88.0	88.0	87.7	87.4	87.1	86.9	86.8	86.8
200	88.7	88.9	88.8	88.5	88.1	87.8	87.6	87.5	87.5
250	89.9	90.1	90.0	89.6	89.2	88.9	88.7	88.6	88.6
315	90.9	91.1	90.9	90.6	90.2	89.8	89.6	89.5	89.5
400	91.8	92.0	91.8	91.5	91.1	90.7	90.5	90.4	90.4
500	92.3	92.6	92.5	92.2	91.8	91.5	91.3	91.3	91.3
630	92.6	93.0	93.0	92.7	92.5	92.2	92.1	92.1	92.2
800	92.9	93.3	93.4	93.3	93.1	92.9	92.9	93.0	93.1
1000	93.3	93.9	94.0	94.0	93.9	93.9	94.0	94.1	94.3
1250	94.0	94.6	94.8	94.8	94.9	95.0	95.2	95.4	95.5
1600	94.6	95.2	95.5	95.6	95.8	96.0	96.3	96.5	96.5
2000	94.2	94.9	95.3	95.4	95.8	96.1	96.3	96.3	96.3
2500	93.2	94.0	94.4	94.6	95.1	95.4	95.3	95.2	95.0
3150	91.7	92.6	93.1	93.4	93.9	93.7	93.5	93.3	93.0
4000	89.3	90.4	91.0	91.3	91.3	90.9	90.6	90.3	90.1
5000	85.9	87.0	87.6	87.7	87.3	86.7	86.4	86.2	85.9
6300	80.6	81.7	82.0	81.9	81.3	80.7	80.4	80.1	79.9
8000	72.7	73.7	73.9	73.7	73.1	72.4	72.0	71.7	71.4
10000	63.5	64.4	64.5	64.3	63.6	62.9	62.4	62.1	61.8

4.3 One-third octave band level E-138 EP3 E2-ST-96-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 24: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.4	51.0	52.8	54.1	54.5	54.9	55.2	55.7	55.9	56.1
25	54.2	56.9	58.8	60.3	60.7	61.1	61.4	61.9	62.1	62.3
31.5	59.2	62.1	64.2	65.7	66.1	66.5	66.9	67.4	67.6	67.9
40	63.6	66.6	68.8	70.4	70.9	71.3	71.7	72.1	72.4	72.7
50	67.3	70.5	72.8	74.4	74.9	75.4	75.8	76.3	76.6	76.8
63	70.6	73.8	76.2	77.9	78.4	78.9	79.3	79.8	80.1	80.4
80	73.4	76.7	79.1	80.8	81.4	81.9	82.3	82.8	83.1	83.4
100	75.5	78.8	81.2	83.0	83.6	84.1	84.5	85.0	85.4	85.6
125	76.6	79.9	82.4	84.2	84.7	85.2	85.7	86.2	86.6	86.8
160	77.4	80.7	83.2	85.0	85.6	86.1	86.6	87.1	87.5	87.7
200	78.3	81.5	84.1	85.9	86.5	87.0	87.5	88.1	88.4	88.7
250	79.4	82.7	85.2	87.1	87.7	88.2	88.7	89.3	89.7	89.9
315	80.3	83.6	86.2	88.1	88.7	89.2	89.8	90.4	90.7	90.9
400	80.8	84.3	87.0	88.9	89.5	90.1	90.6	91.2	91.6	91.8
500	81.1	84.7	87.5	89.4	90.0	90.6	91.1	91.7	92.1	92.3
630	81.1	84.8	87.7	89.7	90.2	90.8	91.3	91.9	92.3	92.5
800	81.3	85.0	87.9	89.9	90.5	91.0	91.5	92.1	92.5	92.7
1000	81.8	85.6	88.4	90.4	91.0	91.5	92.0	92.6	92.9	93.2
1250	82.4	86.2	89.1	91.1	91.6	92.1	92.6	93.2	93.5	93.8
1600	82.8	86.7	89.6	91.6	92.1	92.6	93.1	93.6	94.0	94.3
2000	82.4	86.3	89.2	91.2	91.7	92.2	92.6	93.2	93.6	93.9
2500	81.2	85.2	88.1	90.1	90.6	91.0	91.5	92.0	92.4	92.8
3150	79.6	83.6	86.5	88.6	89.0	89.4	89.8	90.3	90.7	91.1
4000	76.9	81.0	84.0	86.1	86.5	86.8	87.2	87.7	88.1	88.6
5000	72.9	77.1	80.2	82.3	82.7	83.1	83.4	83.8	84.3	84.8
6300	66.6	71.0	74.2	76.4	76.8	77.2	77.5	78.0	78.5	79.0
8000	57.7	62.1	65.4	67.6	68.1	68.6	68.9	69.5	70.0	70.5
10000	47.3	51.7	55.0	57.3	57.8	58.3	58.7	59.2	59.8	60.3

Tab. 25: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.2	56.6	56.5	56.4	56.2	56.0	55.9	55.9	55.8
25	62.4	62.9	62.7	62.6	62.4	62.2	62.1	62.1	62.1
31.5	68.0	68.4	68.3	68.2	67.9	67.8	67.7	67.6	67.6
40	72.8	73.3	73.1	73.0	72.8	72.6	72.5	72.5	72.4
50	77.0	77.4	77.3	77.2	76.9	76.8	76.7	76.6	76.6
63	80.6	81.0	80.9	80.8	80.5	80.4	80.3	80.2	80.2
80	83.6	84.1	83.9	83.8	83.6	83.4	83.3	83.2	83.2
100	85.9	86.3	86.1	86.0	85.7	85.6	85.4	85.4	85.4
125	87.1	87.4	87.2	87.0	86.7	86.5	86.4	86.4	86.3
160	87.9	88.2	88.0	87.7	87.3	87.1	87.0	87.0	86.9
200	88.8	89.1	88.8	88.5	88.1	87.9	87.7	87.7	87.6
250	90.0	90.2	90.0	89.6	89.2	88.9	88.8	88.7	88.7
315	91.1	91.2	90.9	90.6	90.1	89.9	89.7	89.6	89.6
400	91.9	92.1	91.8	91.4	91.0	90.8	90.6	90.5	90.5
500	92.5	92.7	92.5	92.2	91.7	91.5	91.4	91.4	91.3
630	92.8	93.1	93.0	92.7	92.4	92.3	92.2	92.2	92.3
800	93.0	93.5	93.4	93.3	93.1	93.0	93.1	93.2	93.2
1000	93.5	94.1	94.1	94.0	93.9	94.0	94.1	94.3	94.4
1250	94.2	94.8	94.9	94.9	95.0	95.1	95.3	95.5	95.6
1600	94.8	95.5	95.5	95.7	95.9	96.2	96.4	96.5	96.6
2000	94.4	95.1	95.3	95.5	96.0	96.2	96.3	96.3	96.2
2500	93.3	94.2	94.4	94.7	95.2	95.3	95.1	95.0	94.8
3150	91.8	92.7	93.0	93.4	93.6	93.4	93.1	92.9	92.8
4000	89.3	90.4	90.7	91.0	90.8	90.3	90.0	89.8	89.7
5000	85.6	86.7	87.0	87.0	86.4	85.9	85.6	85.4	85.2
6300	79.9	80.9	80.9	80.7	80.0	79.5	79.1	78.9	78.7
8000	71.3	72.1	72.0	71.8	71.0	70.4	70.1	69.8	69.5
10000	61.0	61.8	61.7	61.4	60.5	59.9	59.5	59.1	58.8

4.4 One-third octave band level E-138 EP3 E2-ST-111-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 26: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.9	51.3	53.2	54.4	54.7	55.1	55.5	55.9	56.1	56.3
25	54.7	57.3	59.3	60.5	60.9	61.3	61.7	62.1	62.3	62.5
31.5	59.8	62.5	64.6	66.0	66.3	66.8	67.1	67.6	67.8	68.0
40	64.1	67.0	69.3	70.7	71.0	71.5	71.9	72.4	72.6	72.8
50	67.9	70.9	73.3	74.7	75.1	75.6	76.0	76.5	76.7	77.0
63	71.2	74.3	76.7	78.2	78.6	79.1	79.5	80.0	80.3	80.5
80	74.0	77.1	79.6	81.1	81.6	82.1	82.5	83.0	83.3	83.6
100	76.0	79.2	81.7	83.3	83.8	84.3	84.7	85.3	85.6	85.8
125	77.1	80.3	82.9	84.4	84.9	85.5	85.9	86.5	86.8	87.0
160	77.9	81.1	83.7	85.3	85.8	86.3	86.8	87.4	87.6	87.9
200	78.8	82.0	84.6	86.2	86.7	87.3	87.7	88.3	88.6	88.8
250	79.9	83.1	85.7	87.3	87.9	88.5	88.9	89.6	89.8	90.1
315	80.8	84.1	86.7	88.3	88.9	89.5	90.0	90.6	90.8	91.1
400	81.4	84.8	87.5	89.2	89.7	90.3	90.8	91.4	91.7	91.9
500	81.6	85.2	88.0	89.7	90.2	90.8	91.3	91.9	92.2	92.4
630	81.7	85.3	88.2	89.9	90.4	91.0	91.5	92.1	92.4	92.7
800	81.9	85.5	88.4	90.1	90.6	91.2	91.7	92.3	92.6	92.9
1000	82.4	86.0	88.9	90.6	91.1	91.7	92.1	92.7	93.0	93.3
1250	82.9	86.6	89.6	91.3	91.7	92.3	92.7	93.3	93.6	93.9
1600	83.4	87.1	90.0	91.8	92.2	92.7	93.2	93.8	94.1	94.4
2000	82.8	86.6	89.6	91.3	91.7	92.2	92.7	93.2	93.6	93.9
2500	81.6	85.5	88.5	90.2	90.5	91.0	91.5	92.0	92.4	92.8
3150	79.9	83.7	86.8	88.5	88.8	89.3	89.7	90.2	90.6	91.0
4000	77.1	81.0	84.1	85.8	86.1	86.5	86.9	87.4	87.8	88.3
5000	72.8	76.8	80.0	81.8	82.1	82.5	82.8	83.2	83.7	84.2
6300	66.1	70.3	73.6	75.4	75.8	76.2	76.5	77.0	77.5	78.0
8000	56.5	60.7	64.1	66.0	66.4	66.9	67.2	67.8	68.3	68.8
10000	45.1	49.3	52.7	54.6	55.1	55.6	56.0	56.5	57.1	57.6

Tab. 27: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.4	56.7	56.6	56.4	56.2	56.1	56.0	56.0	56.0
25	62.7	63.0	62.9	62.7	62.5	62.4	62.3	62.2	62.2
31.5	68.2	68.5	68.4	68.2	68.0	67.9	67.8	67.8	67.7
40	73.1	73.4	73.2	73.1	72.8	72.7	72.6	72.6	72.6
50	77.3	77.5	77.4	77.2	77.0	76.9	76.8	76.8	76.7
63	80.9	81.1	81.0	80.8	80.6	80.5	80.4	80.4	80.3
80	83.9	84.2	84.0	83.8	83.6	83.5	83.4	83.4	83.3
100	86.2	86.4	86.2	86.0	85.8	85.7	85.6	85.5	85.5
125	87.3	87.5	87.3	87.0	86.8	86.6	86.5	86.5	86.5
160	88.2	88.3	88.1	87.7	87.4	87.2	87.1	87.1	87.1
200	89.1	89.1	88.9	88.5	88.1	87.9	87.8	87.8	87.7
250	90.2	90.3	90.0	89.6	89.2	89.0	88.8	88.8	88.8
315	91.3	91.2	90.9	90.5	90.1	89.9	89.8	89.7	89.7
400	92.1	92.1	91.8	91.4	91.0	90.8	90.6	90.6	90.6
500	92.7	92.7	92.5	92.1	91.7	91.6	91.5	91.5	91.5
630	93.0	93.1	93.0	92.7	92.4	92.3	92.3	92.3	92.4
800	93.3	93.5	93.5	93.3	93.1	93.1	93.1	93.3	93.4
1000	93.8	94.1	94.1	94.0	94.0	94.1	94.2	94.4	94.5
1250	94.5	94.9	94.9	95.0	95.0	95.3	95.4	95.6	95.8
1600	95.0	95.5	95.6	95.8	96.0	96.3	96.5	96.6	96.6
2000	94.6	95.1	95.3	95.6	96.1	96.2	96.3	96.2	96.1
2500	93.5	94.1	94.4	94.8	95.2	95.1	95.0	94.8	94.7
3150	91.8	92.6	92.9	93.4	93.3	93.1	92.8	92.7	92.5
4000	89.2	90.1	90.4	90.6	90.1	89.8	89.6	89.4	89.2
5000	85.3	86.2	86.4	86.1	85.5	85.1	84.9	84.6	84.4
6300	79.1	79.8	79.8	79.3	78.6	78.2	77.9	77.7	77.5
8000	69.8	70.3	70.2	69.6	68.9	68.5	68.1	67.9	67.6
10000	58.5	58.9	58.8	58.2	57.4	56.9	56.5	56.2	55.9

4.5 One-third octave band level E-138 EP3 E2-ST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 28: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-	-

Tab. 29: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-

4.6 One-third octave band level E-138 EP3 E2-ST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 30: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-	-

Tab. 31: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-

4.7 One-third octave band level E-138 EP3 E2-HST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 32: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-	-

Tab. 33: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-

4.8 One-third octave band level E-138 EP3 E2-HT-149-ES-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 34: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.9	52.1	54.0	54.9	55.2	55.6	56.0	56.3	56.5	56.6
25	55.7	58.1	60.2	61.0	61.3	61.8	62.2	62.5	62.7	62.9
31.5	60.8	63.4	65.5	66.4	66.8	67.2	67.7	68.0	68.2	68.4
40	65.2	67.9	70.2	71.1	71.5	72.0	72.4	72.8	73.0	73.2
50	69.0	71.9	74.2	75.2	75.6	76.1	76.6	76.9	77.2	77.4
63	72.3	75.2	77.7	78.7	79.1	79.6	80.1	80.5	80.7	81.0
80	75.1	78.1	80.6	81.6	82.0	82.6	83.1	83.5	83.7	84.0
100	77.2	80.2	82.7	83.8	84.2	84.8	85.3	85.7	86.0	86.3
125	78.3	81.3	83.9	84.9	85.4	85.9	86.5	86.9	87.2	87.4
160	79.1	82.1	84.6	85.7	86.2	86.8	87.4	87.8	88.1	88.3
200	79.9	83.0	85.5	86.6	87.1	87.7	88.3	88.8	89.0	89.2
250	81.0	84.1	86.7	87.8	88.3	88.9	89.5	90.0	90.2	90.4
315	81.9	85.0	87.6	88.8	89.3	89.9	90.5	91.0	91.2	91.4
400	82.5	85.8	88.4	89.6	90.1	90.7	91.3	91.8	92.0	92.2
500	82.7	86.1	88.9	90.0	90.6	91.2	91.8	92.3	92.5	92.8
630	82.8	86.3	89.1	90.2	90.8	91.4	92.0	92.5	92.7	93.0
800	83.0	86.4	89.3	90.4	90.9	91.5	92.1	92.6	92.9	93.2
1000	83.4	86.9	89.8	90.9	91.4	91.9	92.5	93.0	93.3	93.7
1250	84.0	87.5	90.4	91.5	91.9	92.5	93.1	93.5	93.8	94.2
1600	84.3	87.9	90.8	91.9	92.3	92.9	93.4	93.9	94.2	94.7
2000	83.7	87.3	90.3	91.4	91.7	92.2	92.8	93.3	93.6	94.1
2500	82.3	85.9	89.0	90.0	90.4	90.9	91.4	91.9	92.3	92.8
3150	80.3	83.9	87.0	88.0	88.3	88.8	89.3	89.8	90.2	90.8
4000	77.0	80.8	83.8	84.9	85.1	85.6	86.0	86.5	87.0	87.6
5000	72.1	75.9	79.1	80.1	80.4	80.8	81.2	81.7	82.2	83.0
6300	64.3	68.3	71.6	72.7	73.0	73.4	73.8	74.4	74.9	75.7
8000	52.9	56.9	60.3	61.5	61.8	62.3	62.8	63.3	63.9	64.6
10000	39.0	43.0	46.4	47.6	48.0	48.5	49.0	49.6	50.1	50.8

Tab. 35: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.1	57.0	56.9	56.7	56.5	56.4	56.4	56.3	56.3
25	63.3	63.2	63.1	62.9	62.8	62.7	62.6	62.5	62.5
31.5	68.9	68.8	68.7	68.4	68.3	68.2	68.1	68.1	68.1
40	73.7	73.6	73.5	73.3	73.1	73.0	73.0	72.9	72.9
50	77.9	77.8	77.7	77.4	77.3	77.2	77.1	77.1	77.1
63	81.5	81.4	81.2	81.0	80.9	80.8	80.7	80.7	80.6
80	84.5	84.4	84.3	84.0	83.9	83.8	83.7	83.7	83.7
100	86.8	86.6	86.5	86.2	86.0	86.0	85.9	85.8	85.8
125	87.9	87.7	87.5	87.2	87.0	86.9	86.8	86.8	86.8
160	88.7	88.4	88.2	87.8	87.6	87.5	87.4	87.4	87.4
200	89.5	89.3	88.9	88.5	88.3	88.1	88.1	88.0	88.0
250	90.7	90.4	90.0	89.6	89.3	89.2	89.1	89.1	89.1
315	91.6	91.3	90.9	90.5	90.2	90.1	90.0	90.0	90.0
400	92.5	92.2	91.8	91.3	91.1	90.9	90.9	90.8	90.8
500	93.1	92.8	92.5	92.1	91.8	91.7	91.7	91.7	91.7
630	93.4	93.3	93.0	92.7	92.6	92.5	92.6	92.6	92.6
800	93.7	93.7	93.5	93.3	93.3	93.3	93.4	93.5	93.6
1000	94.2	94.3	94.2	94.2	94.2	94.4	94.5	94.7	94.8
1250	94.9	95.0	95.1	95.1	95.3	95.5	95.7	95.8	95.9
1600	95.4	95.6	95.7	96.0	96.3	96.5	96.6	96.6	96.6
2000	94.9	95.1	95.4	95.9	96.1	96.2	96.1	96.0	95.9
2500	93.7	94.0	94.3	94.9	94.9	94.8	94.6	94.4	94.3
3150	91.8	92.2	92.6	92.9	92.6	92.3	92.1	91.9	91.8
4000	88.9	89.3	89.5	89.3	88.9	88.6	88.3	88.1	88.0
5000	84.2	84.5	84.6	83.9	83.5	83.2	82.9	82.7	82.6
6300	76.8	76.9	76.7	76.0	75.5	75.2	74.9	74.6	74.5
8000	65.6	65.6	65.3	64.5	63.9	63.6	63.2	63.0	62.8
10000	51.7	51.6	51.3	50.4	49.8	49.4	49.0	48.7	48.5

4.9 One-third octave band level E-138 EP3 E2-HT-160-ES-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 36: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	50.1	52.3	54.2	54.9	55.3	55.7	56.1	56.4	56.6	56.7
25	55.9	58.3	60.3	61.1	61.5	61.9	62.3	62.6	62.8	63.0
31.5	61.0	63.6	65.7	66.5	66.9	67.3	67.8	68.1	68.4	68.5
40	65.5	68.2	70.4	71.2	71.7	72.1	72.6	72.9	73.2	73.3
50	69.3	72.1	74.4	75.3	75.7	76.2	76.7	77.1	77.3	77.5
63	72.6	75.5	77.9	78.8	79.2	79.7	80.2	80.6	80.8	81.1
80	75.4	78.3	80.8	81.7	82.2	82.7	83.2	83.6	83.9	84.1
100	77.4	80.4	82.9	83.9	84.4	84.9	85.4	85.8	86.1	86.4
125	78.5	81.6	84.1	85.0	85.5	86.1	86.6	87.0	87.3	87.6
160	79.3	82.3	84.8	85.8	86.4	86.9	87.5	87.9	88.2	88.4
200	80.1	83.2	85.7	86.7	87.2	87.8	88.4	88.9	89.1	89.3
250	81.2	84.3	86.8	87.9	88.4	89.0	89.6	90.1	90.3	90.5
315	82.1	85.3	87.8	88.9	89.4	90.0	90.6	91.1	91.3	91.5
400	82.7	86.0	88.6	89.7	90.2	90.8	91.4	91.9	92.1	92.3
500	83.0	86.4	89.1	90.1	90.7	91.3	91.9	92.4	92.6	92.8
630	83.0	86.5	89.3	90.3	90.8	91.4	92.1	92.5	92.8	93.1
800	83.2	86.7	89.5	90.5	91.0	91.6	92.2	92.7	92.9	93.3
1000	83.6	87.1	89.9	91.0	91.4	92.0	92.6	93.1	93.3	93.7
1250	84.2	87.7	90.5	91.5	92.0	92.5	93.1	93.6	93.9	94.3
1600	84.5	88.0	90.9	91.9	92.4	92.9	93.5	93.9	94.2	94.7
2000	83.9	87.4	90.3	91.3	91.7	92.2	92.8	93.3	93.6	94.2
2500	82.4	86.0	89.0	89.9	90.3	90.8	91.3	91.8	92.2	92.8
3150	80.3	83.9	86.9	87.8	88.2	88.6	89.2	89.7	90.1	90.7
4000	76.9	80.6	83.6	84.5	84.9	85.3	85.7	86.2	86.7	87.5
5000	71.8	75.6	78.7	79.6	79.9	80.3	80.7	81.3	81.8	82.6
6300	63.7	67.6	70.9	71.8	72.2	72.6	73.0	73.6	74.1	75.0
8000	51.8	55.8	59.1	60.1	60.5	61.0	61.5	62.0	62.6	63.4
10000	37.1	41.1	44.4	45.5	45.9	46.4	46.9	47.5	48.0	48.9

Tab. 37: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.2	57.1	57.0	56.7	56.6	56.5	56.4	56.4	56.4
25	63.4	63.3	63.2	62.9	62.8	62.8	62.7	62.6	62.6
31.5	69.0	68.9	68.7	68.5	68.4	68.3	68.2	68.2	68.2
40	73.8	73.7	73.6	73.3	73.2	73.1	73.0	73.0	73.0
50	78.0	77.9	77.7	77.5	77.4	77.3	77.2	77.2	77.2
63	81.6	81.5	81.3	81.1	81.0	80.9	80.8	80.8	80.7
80	84.6	84.5	84.3	84.1	84.0	83.9	83.8	83.8	83.8
100	86.8	86.7	86.5	86.3	86.1	86.0	85.9	85.9	85.9
125	88.0	87.8	87.5	87.2	87.1	87.0	86.9	86.9	86.9
160	88.7	88.5	88.2	87.9	87.7	87.5	87.5	87.5	87.5
200	89.6	89.3	88.9	88.6	88.3	88.2	88.2	88.1	88.1
250	90.7	90.4	90.0	89.6	89.4	89.2	89.2	89.2	89.2
315	91.7	91.3	90.9	90.5	90.3	90.1	90.1	90.0	90.1
400	92.5	92.2	91.8	91.4	91.1	91.0	91.0	90.9	90.9
500	93.1	92.8	92.5	92.1	91.9	91.8	91.8	91.8	91.8
630	93.4	93.3	93.0	92.7	92.6	92.6	92.6	92.6	92.7
800	93.8	93.7	93.5	93.4	93.4	93.4	93.5	93.6	93.7
1000	94.3	94.3	94.3	94.2	94.3	94.4	94.6	94.7	94.9
1250	95.0	95.0	95.1	95.2	95.4	95.6	95.7	95.9	96.0
1600	95.5	95.6	95.8	96.1	96.3	96.5	96.6	96.6	96.6
2000	94.9	95.1	95.4	95.9	96.1	96.2	96.1	96.0	95.9
2500	93.7	93.9	94.4	94.8	94.8	94.6	94.4	94.3	94.1
3150	91.7	92.1	92.6	92.6	92.4	92.1	91.9	91.7	91.6
4000	88.6	89.0	89.2	88.9	88.5	88.2	88.0	87.8	87.7
5000	83.8	84.1	84.0	83.3	82.9	82.6	82.4	82.2	82.0
6300	76.0	76.1	75.8	75.0	74.6	74.3	74.0	73.8	73.6
8000	64.3	64.2	63.8	63.0	62.5	62.2	61.8	61.6	61.4
10000	49.6	49.5	49.1	48.2	47.7	47.2	46.9	46.6	46.4

5 Operating mode II s

5.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 38: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre freq. in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	51.3	52.6	53.5	53.9	54.2	54.4	54.7	55.0	55.2	55.4	55.5
25	57.2	58.6	59.6	60.0	60.3	60.5	60.9	61.1	61.4	61.6	61.6
31.5	62.4	63.9	65.0	65.4	65.7	65.9	66.3	66.5	66.8	67.0	67.1
40	66.9	68.5	69.6	70.1	70.4	70.6	71.0	71.2	71.5	71.8	71.8
50	70.8	72.5	73.6	74.1	74.4	74.6	75.0	75.3	75.6	75.8	75.9
63	74.1	75.9	77.0	77.5	77.8	78.1	78.5	78.8	79.1	79.3	79.4
80	77.0	78.7	80.0	80.5	80.8	81.0	81.4	81.7	82.0	82.3	82.4
100	79.1	80.9	82.1	82.6	82.9	83.2	83.6	84.0	84.2	84.5	84.6
125	80.2	82.0	83.2	83.7	84.1	84.4	84.8	85.1	85.4	85.7	85.8
160	81.0	82.7	84.0	84.6	84.9	85.2	85.6	86.0	86.3	86.6	86.7
200	81.8	83.6	84.9	85.4	85.8	86.1	86.6	87.0	87.3	87.5	87.6
250	82.9	84.7	86.1	86.6	87.0	87.3	87.7	88.2	88.5	88.7	88.8
315	83.9	85.7	87.0	87.6	88.0	88.3	88.7	89.2	89.5	89.7	89.8
400	84.6	86.5	87.8	88.4	88.8	89.1	89.5	90.0	90.3	90.5	90.6
500	84.9	86.9	88.3	88.8	89.2	89.5	90.0	90.4	90.7	91.0	91.0
630	85.0	87.0	88.5	89.0	89.3	89.7	90.1	90.5	90.9	91.1	91.2
800	85.2	87.2	88.7	89.2	89.5	89.8	90.3	90.7	91.0	91.3	91.4
1000	85.7	87.7	89.1	89.7	90.0	90.3	90.7	91.1	91.4	91.7	91.8
1250	86.3	88.4	89.8	90.3	90.6	90.8	91.3	91.6	92.0	92.2	92.3
1600	86.7	88.8	90.2	90.7	91.0	91.3	91.7	92.0	92.3	92.6	92.8
2000	86.2	88.3	89.7	90.2	90.4	90.7	91.1	91.4	91.7	92.0	92.2
2500	84.9	87.0	88.4	88.9	89.1	89.4	89.8	90.1	90.4	90.7	90.9
3150	83.0	85.2	86.6	87.0	87.2	87.4	87.8	88.1	88.4	88.7	89.0
4000	80.1	82.2	83.7	84.1	84.3	84.4	84.7	85.0	85.3	85.6	85.9
5000	75.5	77.8	79.2	79.6	79.8	80.0	80.3	80.5	80.7	81.2	81.5
6300	68.4	70.7	72.2	72.7	72.9	73.1	73.4	73.6	73.8	74.3	74.6
8000	57.8	60.2	61.8	62.3	62.5	62.7	63.1	63.4	63.6	64.1	64.4

One-third octave band level centre freq. in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	45.1	47.5	49.1	49.6	49.8	50.1	50.4	50.7	51.0	51.5	51.8

Tab. 39: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	55.6	55.7	55.7	55.8	56.3	56.3	56.2	56.1	55.9	55.8
25	61.7	61.9	61.9	62.0	62.5	62.5	62.4	62.3	62.1	62.0
31.5	67.2	67.3	67.4	67.5	68.0	68.0	67.9	67.8	67.6	67.5
40	71.9	72.1	72.1	72.3	72.8	72.8	72.7	72.6	72.4	72.2
50	76.0	76.2	76.2	76.4	77.0	76.9	76.8	76.7	76.5	76.4
63	79.5	79.7	79.7	80.0	80.5	80.5	80.3	80.3	80.1	79.9
80	82.5	82.7	82.7	83.0	83.5	83.5	83.4	83.3	83.1	82.9
100	84.7	84.9	84.9	85.2	85.7	85.7	85.5	85.4	85.2	85.1
125	85.9	86.0	86.1	86.3	86.8	86.7	86.6	86.4	86.2	86.0
160	86.7	86.9	86.9	87.1	87.6	87.4	87.3	87.1	86.8	86.6
200	87.6	87.8	87.8	88.0	88.4	88.2	88.0	87.8	87.5	87.3
250	88.8	88.9	89.0	89.2	89.6	89.3	89.1	88.9	88.6	88.4
315	89.8	89.9	90.0	90.1	90.5	90.3	90.0	89.8	89.5	89.3
400	90.6	90.7	90.8	91.0	91.3	91.1	90.9	90.6	90.3	90.1
500	91.1	91.2	91.3	91.5	91.9	91.7	91.5	91.3	91.0	90.9
630	91.2	91.4	91.5	91.8	92.3	92.1	92.0	91.9	91.7	91.5
800	91.4	91.6	91.7	92.1	92.6	92.5	92.5	92.4	92.3	92.2
1000	91.9	92.1	92.1	92.6	93.2	93.1	93.2	93.1	93.1	93.1
1250	92.5	92.7	92.8	93.2	93.9	93.9	94.0	94.0	94.0	94.2
1600	92.9	93.1	93.3	93.8	94.4	94.6	94.6	94.7	94.9	95.1
2000	92.4	92.6	92.8	93.3	94.0	94.2	94.3	94.5	94.9	95.1
2500	91.1	91.4	91.5	92.1	92.9	93.1	93.3	93.6	94.0	94.0
3150	89.2	89.5	89.7	90.3	91.2	91.5	91.7	92.0	92.1	91.9
4000	86.2	86.6	86.8	87.5	88.5	88.7	88.9	89.1	88.7	88.4
5000	81.8	82.2	82.4	83.2	84.2	84.3	84.4	84.2	83.7	83.3
6300	75.0	75.4	75.6	76.4	77.2	77.2	77.1	76.8	76.2	75.9
8000	64.7	65.1	65.3	66.0	66.7	66.7	66.5	66.2	65.6	65.2
10000	52.1	52.4	52.7	53.3	54.0	54.0	53.8	53.5	52.8	52.3

5.2 One-third octave band level E-138 EP3 E2-ST-81-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 40: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.9	50.5	52.3	53.3	53.7	54.1	54.5	54.8	55.0	55.1
25	53.6	56.4	58.4	59.4	59.8	60.2	60.6	61.0	61.2	61.3
31.5	58.7	61.6	63.7	64.8	65.2	65.6	66.1	66.4	66.7	66.7
40	63.0	66.0	68.3	69.5	69.9	70.3	70.8	71.1	71.4	71.5
50	66.8	69.9	72.2	73.5	73.9	74.3	74.8	75.2	75.5	75.6
63	70.0	73.2	75.6	76.9	77.4	77.8	78.3	78.7	79.0	79.1
80	72.8	76.1	78.5	79.8	80.3	80.8	81.3	81.7	81.9	82.1
100	74.9	78.2	80.6	82.0	82.5	83.0	83.5	83.9	84.2	84.3
125	76.0	79.3	81.7	83.1	83.6	84.1	84.7	85.1	85.4	85.5
160	76.8	80.1	82.6	83.9	84.5	85.0	85.6	86.0	86.3	86.3
200	77.6	81.0	83.4	84.8	85.4	85.9	86.5	87.0	87.2	87.3
250	78.8	82.1	84.6	86.0	86.6	87.1	87.7	88.2	88.4	88.5
315	79.6	83.1	85.6	87.0	87.6	88.1	88.8	89.2	89.5	89.5
400	80.2	83.8	86.4	87.9	88.4	89.0	89.6	90.1	90.3	90.3
500	80.4	84.1	86.8	88.3	88.9	89.4	90.0	90.5	90.8	90.8
630	80.5	84.2	87.0	88.5	89.1	89.6	90.2	90.7	91.0	91.0
800	80.7	84.5	87.3	88.8	89.3	89.8	90.4	90.9	91.1	91.2
1000	81.2	85.0	87.8	89.3	89.8	90.3	90.9	91.3	91.6	91.7
1250	81.8	85.6	88.5	90.0	90.5	90.9	91.5	91.9	92.2	92.4
1600	82.3	86.1	89.0	90.5	91.0	91.4	92.0	92.4	92.7	92.9
2000	81.8	85.7	88.7	90.1	90.6	91.0	91.5	92.0	92.3	92.5
2500	80.8	84.7	87.7	89.1	89.5	89.9	90.4	90.9	91.2	91.5
3150	79.2	83.2	86.2	87.6	88.0	88.4	88.8	89.2	89.7	90.0
4000	76.7	80.8	83.9	85.3	85.6	85.9	86.4	86.7	87.2	87.6
5000	72.9	77.2	80.3	81.8	82.1	82.4	82.8	83.1	83.7	84.1
6300	67.1	71.4	74.7	76.2	76.6	76.9	77.3	77.7	78.3	78.7
8000	58.9	63.2	66.5	68.1	68.6	69.0	69.4	69.8	70.4	70.8
10000	49.5	53.8	57.1	58.8	59.2	59.6	60.1	60.5	61.1	61.5

Tab. 41: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.3	55.3	55.9	55.7	55.6	55.4	55.2	55.2	55.1
25	61.5	61.5	62.1	62.0	61.8	61.5	61.4	61.4	61.3
31.5	66.9	67.0	67.6	67.4	67.3	67.0	66.9	66.8	66.8
40	71.7	71.8	72.4	72.2	72.1	71.8	71.7	71.6	71.6
50	75.8	75.9	76.5	76.4	76.2	76.0	75.8	75.8	75.7
63	79.3	79.5	80.0	79.9	79.8	79.5	79.4	79.3	79.3
80	82.3	82.5	83.1	82.9	82.8	82.5	82.4	82.3	82.3
100	84.5	84.7	85.3	85.1	84.9	84.6	84.5	84.4	84.4
125	85.7	85.9	86.4	86.2	85.9	85.6	85.5	85.4	85.4
160	86.5	86.7	87.1	86.9	86.6	86.3	86.1	86.0	86.0
200	87.4	87.6	88.0	87.7	87.4	87.0	86.8	86.7	86.7
250	88.6	88.7	89.1	88.8	88.5	88.1	87.9	87.8	87.7
315	89.6	89.7	90.1	89.8	89.4	89.0	88.8	88.7	88.6
400	90.4	90.6	91.0	90.6	90.3	89.9	89.7	89.6	89.5
500	90.9	91.1	91.6	91.3	91.0	90.6	90.5	90.4	90.4
630	91.2	91.4	92.0	91.8	91.6	91.3	91.2	91.2	91.2
800	91.4	91.7	92.4	92.3	92.1	92.0	91.9	92.0	92.1
1000	91.9	92.3	93.0	93.0	92.9	92.8	92.9	93.1	93.3
1250	92.6	93.0	93.8	93.8	93.8	93.9	94.1	94.3	94.5
1600	93.2	93.6	94.4	94.5	94.6	94.9	95.2	95.4	95.5
2000	92.8	93.3	94.2	94.3	94.5	95.0	95.2	95.3	95.2
2500	91.8	92.3	93.3	93.5	93.9	94.3	94.2	94.1	94.0
3150	90.3	90.9	92.0	92.3	92.7	92.7	92.4	92.2	92.0
4000	88.0	88.7	89.9	90.2	90.4	89.9	89.5	89.3	89.1
5000	84.6	85.3	86.4	86.6	86.5	85.8	85.4	85.1	84.9
6300	79.2	79.9	80.9	80.9	80.5	79.8	79.4	79.1	78.8
8000	71.2	71.9	72.8	72.6	72.3	71.5	71.0	70.6	70.4
10000	61.9	62.6	63.4	63.2	62.8	61.9	61.4	61.0	60.7

5.3 One-third octave band level E-138 EP3 E2-ST-96-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 42: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.4	51.0	52.7	53.6	54.0	54.3	54.7	55.0	55.2	55.3
25	54.2	56.9	58.8	59.7	60.1	60.5	60.9	61.2	61.4	61.5
31.5	59.2	62.1	64.1	65.0	65.5	65.9	66.3	66.6	66.8	66.9
40	63.6	66.6	68.7	69.7	70.1	70.6	71.0	71.4	71.5	71.7
50	67.3	70.5	72.7	73.7	74.2	74.6	75.1	75.4	75.6	75.8
63	70.6	73.8	76.1	77.1	77.6	78.1	78.6	78.9	79.1	79.3
80	73.4	76.7	79.0	80.1	80.6	81.0	81.5	81.9	82.1	82.3
100	75.5	78.8	81.1	82.2	82.7	83.2	83.7	84.1	84.3	84.5
125	76.6	79.9	82.2	83.4	83.9	84.4	84.9	85.3	85.5	85.7
160	77.4	80.7	83.0	84.2	84.7	85.2	85.8	86.2	86.4	86.5
200	78.3	81.5	83.9	85.1	85.6	86.2	86.7	87.2	87.4	87.4
250	79.4	82.7	85.0	86.3	86.8	87.4	88.0	88.4	88.6	88.6
315	80.3	83.6	86.0	87.3	87.8	88.4	89.0	89.4	89.6	89.6
400	80.8	84.3	86.8	88.1	88.6	89.2	89.8	90.3	90.4	90.5
500	81.1	84.7	87.3	88.6	89.1	89.6	90.2	90.7	90.9	90.9
630	81.1	84.8	87.5	88.8	89.3	89.8	90.4	90.9	91.0	91.2
800	81.3	85.0	87.7	89.0	89.5	90.0	90.6	91.1	91.2	91.4
1000	81.8	85.6	88.2	89.5	89.9	90.5	91.0	91.5	91.7	91.8
1250	82.4	86.2	88.9	90.1	90.6	91.1	91.6	92.1	92.3	92.5
1600	82.8	86.7	89.4	90.6	91.1	91.6	92.1	92.5	92.8	93.0
2000	82.4	86.3	89.0	90.2	90.6	91.1	91.6	92.0	92.3	92.6
2500	81.2	85.2	87.9	89.1	89.5	90.0	90.4	90.9	91.2	91.5
3150	79.6	83.6	86.3	87.5	87.9	88.3	88.7	89.1	89.5	89.9
4000	76.9	81.0	83.8	85.0	85.3	85.7	86.1	86.5	86.9	87.3
5000	72.9	77.1	80.0	81.2	81.5	81.8	82.2	82.6	83.1	83.6
6300	66.6	71.0	74.0	75.2	75.6	75.9	76.3	76.7	77.3	77.8
8000	57.7	62.1	65.1	66.5	66.9	67.3	67.7	68.2	68.7	69.1
10000	47.3	51.7	54.8	56.1	56.5	57.0	57.4	57.9	58.4	58.9

Tab. 43: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.4	55.6	56.0	55.9	55.7	55.4	55.4	55.3	55.3
25	61.6	61.8	62.2	62.1	61.8	61.6	61.6	61.5	61.4
31.5	67.1	67.3	67.7	67.6	67.3	67.1	67.0	67.0	66.9
40	71.8	72.1	72.5	72.3	72.1	71.9	71.8	71.8	71.7
50	75.9	76.3	76.6	76.5	76.3	76.0	76.0	75.9	75.9
63	79.4	79.8	80.2	80.0	79.8	79.6	79.5	79.4	79.4
80	82.4	82.8	83.2	83.0	82.8	82.6	82.5	82.4	82.4
100	84.6	85.0	85.4	85.2	85.0	84.7	84.6	84.6	84.5
125	85.8	86.2	86.4	86.2	86.0	85.7	85.6	85.5	85.5
160	86.6	87.0	87.2	86.9	86.6	86.3	86.2	86.1	86.1
200	87.5	87.8	88.0	87.7	87.3	87.0	86.9	86.8	86.8
250	88.7	89.0	89.1	88.8	88.4	88.1	87.9	87.8	87.8
315	89.7	90.0	90.1	89.8	89.3	89.0	88.9	88.8	88.7
400	90.5	90.8	90.9	90.6	90.2	89.9	89.7	89.6	89.6
500	91.0	91.4	91.5	91.3	90.9	90.6	90.5	90.5	90.5
630	91.3	91.7	92.0	91.8	91.5	91.3	91.3	91.3	91.3
800	91.5	92.0	92.4	92.3	92.1	92.0	92.1	92.1	92.3
1000	92.0	92.6	93.0	93.0	92.9	92.9	93.1	93.2	93.4
1250	92.7	93.3	93.8	93.9	93.9	94.0	94.3	94.5	94.6
1600	93.3	94.0	94.5	94.6	94.8	95.1	95.3	95.5	95.5
2000	92.9	93.6	94.2	94.4	94.8	95.1	95.2	95.2	95.2
2500	91.8	92.6	93.3	93.6	94.0	94.2	94.1	93.9	93.8
3150	90.2	91.1	91.9	92.3	92.6	92.4	92.1	91.9	91.7
4000	87.7	88.8	89.6	89.9	89.8	89.3	89.0	88.8	88.6
5000	84.0	85.1	85.9	85.9	85.5	84.9	84.6	84.3	84.1
6300	78.2	79.2	79.8	79.7	79.1	78.4	78.1	77.8	77.6
8000	69.6	70.5	71.0	70.7	70.1	69.4	69.0	68.7	68.5
10000	59.3	60.1	60.6	60.4	59.6	58.9	58.5	58.1	57.8

5.4 One-third octave band level E-138 EP3 E2-ST-111-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 44: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.9	51.4	53.0	53.8	54.2	54.6	54.9	55.3	55.3	55.5
25	54.7	57.3	59.1	59.9	60.3	60.7	61.1	61.4	61.5	61.7
31.5	59.8	62.5	64.4	65.3	65.7	66.1	66.5	66.9	67.0	67.1
40	64.1	67.1	69.1	69.9	70.3	70.8	71.2	71.6	71.7	71.9
50	67.9	70.9	73.0	73.9	74.4	74.8	75.3	75.7	75.8	76.0
63	71.2	74.3	76.5	77.4	77.8	78.3	78.8	79.2	79.3	79.5
80	74.0	77.1	79.4	80.3	80.8	81.3	81.7	82.1	82.3	82.5
100	76.0	79.2	81.5	82.5	82.9	83.5	84.0	84.4	84.5	84.7
125	77.1	80.3	82.6	83.6	84.1	84.6	85.1	85.5	85.7	85.8
160	77.9	81.1	83.4	84.4	84.9	85.5	86.0	86.4	86.5	86.7
200	78.8	82.0	84.3	85.3	85.8	86.4	86.9	87.4	87.5	87.6
250	79.9	83.1	85.4	86.5	87.0	87.6	88.2	88.6	88.7	88.8
315	80.8	84.1	86.4	87.5	88.0	88.6	89.2	89.6	89.7	89.8
400	81.4	84.8	87.2	88.3	88.8	89.4	90.0	90.4	90.5	90.6
500	81.6	85.2	87.7	88.7	89.3	89.9	90.4	90.8	90.9	91.1
630	81.7	85.3	87.8	88.9	89.4	90.0	90.6	91.0	91.1	91.3
800	81.9	85.5	88.1	89.1	89.6	90.2	90.8	91.2	91.3	91.5
1000	82.4	86.0	88.6	89.6	90.1	90.6	91.2	91.6	91.7	92.0
1250	82.9	86.6	89.2	90.2	90.7	91.2	91.8	92.2	92.4	92.6
1600	83.4	87.1	89.7	90.7	91.2	91.7	92.2	92.6	92.8	93.1
2000	82.8	86.6	89.2	90.2	90.7	91.2	91.7	92.1	92.3	92.6
2500	81.6	85.5	88.1	89.1	89.5	89.9	90.4	90.9	91.1	91.5
3150	79.9	83.8	86.4	87.3	87.7	88.1	88.6	89.1	89.4	89.8
4000	77.1	81.0	83.7	84.6	84.9	85.3	85.7	86.2	86.6	87.1
5000	72.8	76.8	79.6	80.6	80.9	81.2	81.6	82.1	82.5	83.1
6300	66.1	70.3	73.2	74.2	74.5	74.9	75.3	75.8	76.3	76.8
8000	56.5	60.7	63.7	64.7	65.1	65.5	66.0	66.5	67.0	67.5
10000	45.1	49.3	52.3	53.4	53.8	54.2	54.7	55.3	55.7	56.2

Tab. 45: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.6	56.0	56.1	55.9	55.7	55.6	55.5	55.4	55.4
25	61.8	62.2	62.3	62.1	61.9	61.8	61.7	61.6	61.6
31.5	67.3	67.7	67.8	67.6	67.4	67.3	67.1	67.1	67.1
40	72.0	72.5	72.6	72.4	72.2	72.1	71.9	71.9	71.9
50	76.1	76.6	76.7	76.5	76.3	76.2	76.1	76.0	76.0
63	79.7	80.2	80.3	80.1	79.9	79.7	79.6	79.6	79.5
80	82.7	83.2	83.3	83.1	82.9	82.7	82.6	82.6	82.5
100	84.9	85.4	85.5	85.3	85.0	84.9	84.7	84.7	84.7
125	86.0	86.5	86.5	86.3	86.0	85.8	85.7	85.6	85.6
160	86.8	87.3	87.2	87.0	86.6	86.4	86.3	86.2	86.2
200	87.7	88.2	88.0	87.7	87.3	87.1	87.0	86.9	86.9
250	88.9	89.3	89.2	88.8	88.4	88.1	88.0	87.9	87.9
315	89.9	90.3	90.1	89.7	89.3	89.0	88.9	88.8	88.8
400	90.7	91.1	90.9	90.6	90.1	89.9	89.8	89.7	89.7
500	91.2	91.7	91.6	91.3	90.8	90.7	90.6	90.5	90.6
630	91.5	92.0	92.0	91.8	91.5	91.4	91.4	91.4	91.4
800	91.7	92.4	92.5	92.3	92.1	92.1	92.2	92.3	92.4
1000	92.2	92.9	93.1	93.1	93.0	93.1	93.2	93.4	93.5
1250	92.9	93.7	93.9	93.9	94.0	94.2	94.4	94.6	94.7
1600	93.4	94.3	94.6	94.7	94.9	95.3	95.4	95.5	95.6
2000	93.0	93.9	94.2	94.4	95.0	95.2	95.2	95.2	95.1
2500	91.9	92.9	93.3	93.6	94.1	94.1	93.9	93.8	93.6
3150	90.2	91.3	91.8	92.2	92.4	92.1	91.8	91.6	91.4
4000	87.6	88.8	89.3	89.5	89.2	88.8	88.5	88.3	88.1
5000	83.6	84.8	85.3	85.2	84.5	84.1	83.8	83.6	83.4
6300	77.4	78.5	78.7	78.4	77.7	77.2	76.9	76.6	76.4
8000	68.0	69.0	69.1	68.7	68.0	67.5	67.1	66.8	66.5
10000	56.7	57.6	57.7	57.3	56.5	55.9	55.5	55.1	54.9

5.5 One-third octave band level E-138 EP3 E2-ST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 46: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-	-

Tab. 47: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-

5.6 One-third octave band level E-138 EP3 E2-ST-131-FB-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 48: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-	-

Tab. 49: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-

5.7 One-third octave band level E-138 EP3 E2-HST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 50: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-	-

Tab. 51: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-

5.8 One-third octave band level E-138 EP3 E2-HT-149-ES-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 52: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.9	52.2	53.7	54.2	54.6	55.0	55.3	55.6	55.7	55.9
25	55.7	58.2	59.8	60.3	60.7	61.2	61.5	61.8	61.9	62.1
31.5	60.8	63.4	65.2	65.7	66.1	66.6	66.9	67.2	67.3	67.5
40	65.2	68.0	69.8	70.4	70.8	71.3	71.7	72.0	72.1	72.3
50	69.0	71.9	73.8	74.4	74.8	75.3	75.7	76.0	76.2	76.4
63	72.3	75.2	77.2	77.8	78.3	78.8	79.2	79.5	79.7	79.9
80	75.1	78.1	80.2	80.8	81.2	81.8	82.2	82.5	82.7	82.9
100	77.2	80.2	82.3	82.9	83.4	84.0	84.4	84.7	84.9	85.1
125	78.3	81.3	83.4	84.1	84.6	85.1	85.6	85.9	86.0	86.2
160	79.1	82.1	84.2	84.9	85.4	86.0	86.5	86.8	86.9	87.0
200	79.9	83.0	85.1	85.8	86.3	86.9	87.4	87.7	87.8	87.9
250	81.0	84.1	86.2	86.9	87.5	88.1	88.6	88.9	88.9	89.1
315	81.9	85.0	87.2	87.9	88.4	89.1	89.6	89.9	89.9	90.0
400	82.5	85.7	88.0	88.7	89.2	89.9	90.4	90.6	90.7	90.8
500	82.7	86.1	88.4	89.1	89.6	90.3	90.8	91.1	91.1	91.3
630	82.8	86.2	88.6	89.2	89.8	90.4	91.0	91.2	91.3	91.5
800	83.0	86.4	88.8	89.4	89.9	90.6	91.1	91.4	91.5	91.7
1000	83.4	86.9	89.2	89.9	90.3	91.0	91.5	91.8	91.9	92.2
1250	84.0	87.5	89.8	90.4	90.9	91.5	92.0	92.3	92.5	92.8
1600	84.3	87.9	90.2	90.8	91.3	91.9	92.3	92.7	92.9	93.2
2000	83.7	87.3	89.7	90.2	90.7	91.2	91.7	92.1	92.3	92.7
2500	82.3	86.0	88.3	88.9	89.3	89.8	90.2	90.7	91.0	91.3
3150	80.3	84.0	86.3	86.8	87.2	87.7	88.1	88.6	88.9	89.4
4000	77.0	80.8	83.2	83.6	83.9	84.4	84.8	85.3	85.7	86.2
5000	72.1	75.9	78.4	78.9	79.2	79.6	79.9	80.5	81.0	81.5
6300	64.3	68.3	70.9	71.4	71.7	72.2	72.5	73.2	73.7	74.2
8000	52.9	56.9	59.6	60.2	60.5	61.0	61.4	62.1	62.6	63.0
10000	39.0	43.0	45.7	46.3	46.7	47.2	47.6	48.3	48.7	49.2

Tab. 53: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.0	56.5	56.4	56.1	56.0	55.9	55.8	55.8	55.7
25	62.2	62.7	62.6	62.3	62.1	62.1	62.0	61.9	61.9
31.5	67.7	68.2	68.1	67.8	67.6	67.6	67.5	67.4	67.4
40	72.5	73.0	72.9	72.6	72.4	72.4	72.3	72.2	72.2
50	76.7	77.1	77.0	76.7	76.6	76.5	76.4	76.4	76.3
63	80.2	80.7	80.5	80.3	80.1	80.0	79.9	79.9	79.9
80	83.2	83.7	83.5	83.3	83.1	83.0	82.9	82.9	82.8
100	85.4	85.9	85.7	85.4	85.2	85.1	85.0	85.0	85.0
125	86.6	86.9	86.7	86.4	86.2	86.1	86.0	85.9	85.9
160	87.3	87.6	87.4	87.0	86.8	86.6	86.6	86.5	86.5
200	88.2	88.4	88.2	87.8	87.5	87.3	87.2	87.2	87.2
250	89.3	89.5	89.2	88.8	88.5	88.3	88.3	88.2	88.2
315	90.3	90.5	90.1	89.7	89.4	89.2	89.1	89.1	89.1
400	91.1	91.3	91.0	90.5	90.2	90.1	90.0	90.0	90.0
500	91.6	91.9	91.6	91.2	91.0	90.8	90.8	90.8	90.8
630	91.9	92.3	92.1	91.8	91.6	91.6	91.6	91.6	91.7
800	92.2	92.6	92.6	92.4	92.3	92.3	92.4	92.5	92.7
1000	92.7	93.2	93.2	93.1	93.2	93.3	93.5	93.6	93.8
1250	93.4	94.0	94.0	94.1	94.2	94.5	94.6	94.8	94.9
1600	93.9	94.5	94.7	94.9	95.2	95.4	95.5	95.6	95.6
2000	93.3	94.1	94.3	94.7	95.0	95.1	95.1	95.0	94.9
2500	92.1	92.9	93.2	93.7	93.8	93.7	93.5	93.3	93.2
3150	90.2	91.2	91.5	91.8	91.6	91.3	91.0	90.9	90.7
4000	87.2	88.2	88.5	88.3	87.8	87.5	87.3	87.1	86.9
5000	82.5	83.5	83.5	83.0	82.5	82.2	81.9	81.7	81.5
6300	75.1	75.9	75.7	75.1	74.5	74.1	73.8	73.6	73.4
8000	63.9	64.5	64.3	63.6	62.9	62.6	62.2	61.9	61.7
10000	50.0	50.6	50.3	49.5	48.8	48.4	48.0	47.7	47.4

5.9 One-third octave band level E-138 EP3 E2-HT-160-ES-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 54: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	50.1	52.4	53.8	54.3	54.7	55.1	55.5	55.7	55.8	56.0
25	55.9	58.4	59.9	60.4	60.8	61.3	61.6	61.9	62.0	62.2
31.5	61.0	63.6	65.3	65.8	66.2	66.7	67.1	67.3	67.4	67.6
40	65.5	68.2	69.9	70.5	70.9	71.4	71.8	72.1	72.2	72.4
50	69.3	72.1	73.9	74.5	74.9	75.4	75.9	76.1	76.3	76.5
63	72.6	75.5	77.4	78.0	78.4	78.9	79.4	79.6	79.8	80.0
80	75.4	78.4	80.3	80.9	81.3	81.9	82.3	82.6	82.8	83.0
100	77.4	80.5	82.4	83.1	83.5	84.1	84.5	84.8	85.0	85.2
125	78.5	81.6	83.5	84.2	84.7	85.3	85.7	86.0	86.1	86.3
160	79.3	82.3	84.4	85.0	85.5	86.1	86.6	86.9	87.0	87.1
200	80.1	83.2	85.2	85.9	86.4	87.1	87.5	87.8	87.9	88.0
250	81.2	84.3	86.4	87.1	87.6	88.2	88.7	88.9	89.0	89.2
315	82.1	85.3	87.3	88.0	88.6	89.2	89.7	89.9	90.0	90.1
400	82.7	86.0	88.1	88.8	89.3	90.0	90.5	90.7	90.8	90.9
500	83.0	86.3	88.5	89.2	89.7	90.4	90.9	91.1	91.2	91.4
630	83.0	86.5	88.7	89.4	89.9	90.5	91.1	91.3	91.4	91.6
800	83.2	86.6	88.9	89.5	90.0	90.7	91.2	91.4	91.6	91.8
1000	83.6	87.1	89.3	89.9	90.4	91.1	91.5	91.8	92.0	92.2
1250	84.2	87.7	89.9	90.5	91.0	91.6	92.1	92.4	92.6	92.8
1600	84.5	88.1	90.3	90.9	91.3	91.9	92.4	92.7	92.9	93.2
2000	83.9	87.4	89.7	90.2	90.7	91.2	91.7	92.1	92.3	92.6
2500	82.4	86.1	88.3	88.8	89.2	89.7	90.2	90.6	90.9	91.3
3150	80.3	84.0	86.2	86.7	87.0	87.5	88.0	88.5	88.8	89.2
4000	76.9	80.7	82.9	83.3	83.7	84.1	84.5	85.1	85.5	85.9
5000	71.8	75.6	77.9	78.4	78.7	79.1	79.5	80.1	80.6	81.1
6300	63.7	67.7	70.1	70.6	70.9	71.3	71.7	72.4	72.9	73.4
8000	51.8	55.8	58.3	58.8	59.2	59.7	60.1	60.8	61.2	61.7
10000	37.1	41.1	43.6	44.2	44.6	45.1	45.6	46.2	46.7	47.1

Tab. 55: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.2	56.6	56.4	56.2	56.0	56.0	55.9	55.9	55.8
25	62.5	62.8	62.6	62.4	62.2	62.2	62.1	62.0	62.0
31.5	68.0	68.3	68.1	67.9	67.7	67.6	67.6	67.5	67.5
40	72.7	73.0	72.9	72.7	72.5	72.4	72.4	72.3	72.3
50	76.9	77.2	77.1	76.8	76.6	76.6	76.5	76.4	76.4
63	80.4	80.7	80.6	80.3	80.2	80.1	80.0	80.0	79.9
80	83.4	83.7	83.6	83.3	83.2	83.1	83.0	83.0	82.9
100	85.6	85.9	85.8	85.5	85.3	85.2	85.1	85.1	85.1
125	86.8	87.0	86.8	86.4	86.2	86.1	86.1	86.0	86.0
160	87.5	87.7	87.5	87.1	86.8	86.7	86.6	86.6	86.6
200	88.4	88.5	88.2	87.8	87.5	87.4	87.3	87.3	87.3
250	89.5	89.5	89.3	88.8	88.5	88.4	88.3	88.3	88.3
315	90.5	90.5	90.2	89.7	89.4	89.3	89.2	89.2	89.2
400	91.3	91.3	91.0	90.5	90.2	90.2	90.1	90.0	90.0
500	91.8	91.9	91.6	91.2	91.0	90.9	90.8	90.8	90.9
630	92.1	92.3	92.1	91.8	91.6	91.7	91.6	91.7	91.8
800	92.4	92.7	92.6	92.4	92.3	92.4	92.5	92.6	92.7
1000	92.9	93.2	93.3	93.2	93.2	93.4	93.6	93.7	93.9
1250	93.5	94.0	94.1	94.1	94.3	94.5	94.7	94.8	94.9
1600	94.0	94.5	94.7	94.9	95.2	95.5	95.5	95.6	95.6
2000	93.5	94.1	94.3	94.8	95.0	95.1	95.0	94.9	94.8
2500	92.2	92.9	93.2	93.7	93.7	93.6	93.4	93.2	93.1
3150	90.2	91.0	91.4	91.6	91.3	91.1	90.8	90.7	90.5
4000	87.1	87.9	88.2	87.9	87.5	87.2	86.9	86.7	86.6
5000	82.2	83.0	83.0	82.4	81.9	81.6	81.3	81.1	80.9
6300	74.5	75.0	74.8	74.1	73.6	73.2	73.0	72.7	72.5
8000	62.7	63.1	62.9	62.1	61.5	61.1	60.8	60.5	60.3
10000	48.1	48.5	48.2	47.3	46.7	46.2	45.8	45.5	45.3

6 Operating mode 4000 kW s

6.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 56: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre freq. in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	51.3	52.6	53.8	54.8	55.5	55.7	55.9	56.1	56.4	56.7	56.9
25	57.2	58.6	59.9	61.0	61.7	61.9	62.2	62.4	62.7	63.0	63.1
31.5	62.4	63.9	65.3	66.5	67.1	67.4	67.7	67.9	68.2	68.5	68.7
40	66.9	68.5	70.0	71.2	71.9	72.2	72.5	72.7	73.0	73.4	73.5
50	70.8	72.5	74.0	75.3	76.0	76.3	76.6	76.9	77.2	77.5	77.7
63	74.1	75.8	77.4	78.8	79.5	79.8	80.2	80.4	80.8	81.1	81.3
80	77.0	78.7	80.4	81.8	82.5	82.8	83.2	83.4	83.8	84.2	84.3
100	79.1	80.9	82.5	83.9	84.7	85.0	85.4	85.7	86.1	86.4	86.6
125	80.2	81.9	83.6	85.1	85.8	86.2	86.6	86.8	87.2	87.6	87.8
160	81.0	82.7	84.4	85.8	86.6	87.0	87.4	87.7	88.1	88.5	88.6
200	81.8	83.6	85.3	86.7	87.5	87.9	88.3	88.6	89.0	89.4	89.5
250	82.9	84.7	86.5	87.9	88.7	89.1	89.5	89.8	90.2	90.6	90.8
315	83.9	85.7	87.5	88.9	89.7	90.1	90.5	90.8	91.3	91.7	91.8
400	84.6	86.5	88.3	89.8	90.6	90.9	91.4	91.7	92.1	92.5	92.6
500	84.9	86.9	88.8	90.3	91.1	91.5	91.9	92.2	92.7	93.1	93.2
630	85.0	87.0	89.0	90.5	91.4	91.7	92.1	92.5	92.9	93.3	93.5
800	85.2	87.2	89.2	90.8	91.6	91.9	92.4	92.7	93.1	93.5	93.7
1000	85.7	87.7	89.7	91.3	92.1	92.4	92.8	93.1	93.5	93.9	94.1
1250	86.3	88.3	90.3	92.0	92.8	93.1	93.4	93.7	94.1	94.5	94.7
1600	86.7	88.8	90.7	92.4	93.2	93.5	93.9	94.2	94.6	95.0	95.2
2000	86.2	88.3	90.2	91.9	92.7	93.0	93.4	93.6	94.0	94.4	94.7
2500	84.9	87.0	89.0	90.7	91.5	91.8	92.1	92.4	92.7	93.2	93.4
3150	83.0	85.2	87.2	88.9	89.7	89.9	90.2	90.5	90.8	91.3	91.6
4000	80.1	82.2	84.3	86.0	86.8	87.0	87.3	87.5	87.8	88.3	88.6
5000	75.5	77.8	79.8	81.6	82.4	82.6	82.9	83.1	83.4	83.9	84.3
6300	68.4	70.7	72.8	74.7	75.5	75.8	76.1	76.3	76.6	77.1	77.5
8000	57.8	60.2	62.4	64.3	65.2	65.5	65.8	66.1	66.5	66.9	67.4

One-third octave band level centre freq. in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	45.1	47.5	49.7	51.6	52.5	52.8	53.2	53.5	53.9	54.4	54.8

Tab. 57: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	57.1	57.4	57.5	57.4	57.3	57.2	57.0	56.9	56.9	56.8
25	63.4	63.6	63.7	63.7	63.6	63.4	63.3	63.2	63.1	63.1
31.5	68.9	69.2	69.3	69.3	69.2	69.0	68.9	68.8	68.7	68.6
40	73.8	74.0	74.2	74.2	74.1	73.9	73.7	73.6	73.6	73.5
50	78.0	78.2	78.4	78.4	78.3	78.1	77.9	77.9	77.8	77.7
63	81.5	81.8	82.0	82.0	81.9	81.7	81.6	81.5	81.4	81.3
80	84.6	84.9	85.1	85.1	84.9	84.8	84.6	84.5	84.4	84.4
100	86.8	87.1	87.4	87.3	87.2	87.0	86.8	86.7	86.6	86.5
125	88.0	88.3	88.5	88.4	88.2	88.0	87.8	87.6	87.6	87.5
160	88.9	89.1	89.3	89.1	88.9	88.7	88.4	88.2	88.1	88.1
200	89.8	90.0	90.1	89.9	89.7	89.4	89.1	89.0	88.8	88.8
250	91.0	91.2	91.3	91.0	90.9	90.5	90.2	90.0	89.9	89.8
315	92.0	92.2	92.3	92.0	91.8	91.5	91.1	91.0	90.8	90.8
400	92.9	93.1	93.1	92.9	92.7	92.4	92.0	91.9	91.7	91.7
500	93.4	93.6	93.8	93.6	93.4	93.1	92.8	92.6	92.5	92.5
630	93.7	94.0	94.2	94.1	94.0	93.7	93.5	93.4	93.3	93.3
800	94.0	94.2	94.6	94.5	94.5	94.3	94.1	94.1	94.1	94.2
1000	94.4	94.7	95.1	95.1	95.1	95.1	95.0	95.0	95.1	95.2
1250	95.1	95.4	95.8	95.9	95.9	95.9	96.0	96.1	96.3	96.4
1600	95.5	95.9	96.4	96.5	96.6	96.7	96.9	97.1	97.3	97.4
2000	95.0	95.4	96.0	96.1	96.2	96.5	96.9	97.1	97.2	97.2
2500	93.8	94.2	94.9	95.1	95.2	95.6	96.0	96.0	95.9	95.8
3150	92.0	92.4	93.2	93.4	93.7	94.1	94.1	93.9	93.7	93.6
4000	89.1	89.5	90.4	90.7	90.9	91.0	90.7	90.4	90.2	90.0
5000	84.8	85.3	86.2	86.4	86.4	86.2	85.7	85.4	85.2	85.0
6300	78.0	78.5	79.3	79.4	79.2	78.8	78.2	77.9	77.7	77.5
8000	67.8	68.3	68.9	68.9	68.7	68.2	67.6	67.2	67.0	66.7
10000	55.2	55.6	56.2	56.2	55.9	55.4	54.8	54.4	54.1	53.8

6.2 One-third octave band level E-138 EP3 E2-ST-81-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 58: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.9	50.5	52.3	53.9	55.0	55.3	55.7	56.1	56.4	56.7
25	53.6	56.4	58.4	60.1	61.2	61.5	61.9	62.3	62.7	62.9
31.5	58.7	61.6	63.7	65.5	66.7	67.0	67.4	67.8	68.2	68.5
40	63.0	66.0	68.3	70.2	71.4	71.8	72.2	72.7	73.0	73.3
50	66.8	69.9	72.3	74.3	75.5	75.9	76.4	76.8	77.2	77.5
63	70.0	73.2	75.7	77.7	79.1	79.5	79.9	80.4	80.8	81.1
80	72.8	76.1	78.6	80.7	82.0	82.5	82.9	83.4	83.9	84.2
100	74.9	78.2	80.7	82.9	84.2	84.7	85.2	85.7	86.1	86.4
125	76.0	79.3	81.8	84.0	85.4	85.9	86.4	86.9	87.3	87.6
160	76.8	80.1	82.6	84.8	86.2	86.7	87.2	87.7	88.2	88.5
200	77.6	81.0	83.5	85.7	87.1	87.6	88.2	88.7	89.1	89.4
250	78.8	82.1	84.7	86.9	88.3	88.9	89.4	89.9	90.3	90.6
315	79.6	83.1	85.7	87.9	89.4	89.9	90.4	91.0	91.4	91.6
400	80.2	83.8	86.5	88.8	90.2	90.8	91.3	91.9	92.3	92.5
500	80.4	84.1	86.9	89.3	90.8	91.3	91.9	92.4	92.8	93.1
630	80.5	84.2	87.1	89.6	91.1	91.6	92.1	92.7	93.1	93.4
800	80.7	84.5	87.3	89.9	91.4	91.9	92.4	92.9	93.4	93.7
1000	81.2	85.0	87.9	90.4	91.9	92.4	92.9	93.4	93.9	94.2
1250	81.8	85.6	88.6	91.1	92.6	93.1	93.6	94.1	94.6	94.9
1600	82.3	86.1	89.1	91.7	93.2	93.6	94.1	94.6	95.1	95.5
2000	81.8	85.7	88.7	91.3	92.8	93.3	93.7	94.3	94.8	95.2
2500	80.8	84.7	87.7	90.3	91.8	92.2	92.7	93.2	93.7	94.2
3150	79.2	83.2	86.3	88.9	90.4	90.8	91.2	91.7	92.2	92.7
4000	76.7	80.8	84.0	86.6	88.1	88.4	88.8	89.3	89.9	90.4
5000	72.9	77.2	80.4	83.1	84.6	85.0	85.4	85.8	86.4	87.0
6300	67.1	71.4	74.8	77.6	79.2	79.6	80.0	80.5	81.1	81.7
8000	58.9	63.2	66.6	69.5	71.2	71.7	72.1	72.6	73.3	73.9
10000	49.5	53.8	57.2	60.2	61.9	62.4	62.8	63.4	64.0	64.6

Tab. 59: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.9	56.9	56.8	56.6	56.4	56.3	56.3	56.2	56.2
25	63.2	63.2	63.1	62.9	62.7	62.6	62.5	62.5	62.5
31.5	68.8	68.8	68.7	68.4	68.3	68.2	68.1	68.1	68.1
40	73.6	73.7	73.5	73.3	73.1	73.0	73.0	72.9	72.9
50	77.8	77.9	77.8	77.5	77.3	77.2	77.2	77.2	77.2
63	81.4	81.5	81.4	81.1	81.0	80.9	80.8	80.8	80.8
80	84.5	84.6	84.4	84.2	84.0	83.9	83.9	83.8	83.8
100	86.7	86.8	86.7	86.4	86.2	86.1	86.0	86.0	86.0
125	87.9	87.9	87.7	87.4	87.2	87.1	87.0	87.0	86.9
160	88.7	88.7	88.4	88.1	87.8	87.7	87.6	87.5	87.5
200	89.7	89.5	89.2	88.8	88.5	88.4	88.3	88.2	88.2
250	90.8	90.7	90.4	89.9	89.6	89.5	89.4	89.3	89.3
315	91.9	91.7	91.4	90.9	90.5	90.4	90.3	90.3	90.3
400	92.8	92.6	92.3	91.8	91.5	91.3	91.3	91.2	91.2
500	93.4	93.3	93.0	92.6	92.3	92.2	92.1	92.1	92.1
630	93.8	93.8	93.6	93.3	93.0	93.0	93.0	93.0	93.1
800	94.1	94.3	94.2	93.9	93.8	93.9	93.9	94.0	94.1
1000	94.7	94.9	94.9	94.8	94.8	94.9	95.1	95.2	95.3
1250	95.4	95.7	95.8	95.8	95.9	96.1	96.3	96.5	96.6
1600	96.0	96.4	96.5	96.7	97.0	97.3	97.4	97.5	97.5
2000	95.7	96.2	96.4	96.8	97.1	97.2	97.2	97.2	97.2
2500	94.8	95.3	95.6	96.1	96.3	96.2	96.1	95.9	95.8
3150	93.4	94.1	94.4	94.8	94.6	94.4	94.2	94.0	93.8
4000	91.2	92.0	92.2	92.2	91.8	91.5	91.2	91.1	90.9
5000	87.8	88.6	88.6	88.1	87.6	87.3	87.1	86.9	86.7
6300	82.4	83.0	82.9	82.2	81.6	81.3	81.0	80.8	80.6
8000	74.5	74.9	74.6	73.9	73.3	72.9	72.6	72.3	72.1
10000	65.2	65.5	65.2	64.4	63.7	63.3	63.0	62.7	62.4

6.3 One-third octave band level E-138 EP3 E2-ST-96-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 60: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.4	51.0	52.8	54.4	55.2	55.5	55.9	56.3	56.6	56.9
25	54.2	56.9	58.8	60.5	61.4	61.8	62.1	62.5	62.8	63.2
31.5	59.2	62.1	64.2	66.0	66.9	67.3	67.7	68.1	68.4	68.7
40	63.6	66.6	68.8	70.7	71.7	72.1	72.5	72.9	73.2	73.6
50	67.3	70.5	72.8	74.8	75.8	76.2	76.6	77.1	77.4	77.8
63	70.6	73.8	76.2	78.3	79.3	79.7	80.2	80.7	81.0	81.4
80	73.4	76.7	79.1	81.2	82.3	82.7	83.2	83.7	84.0	84.4
100	75.5	78.8	81.2	83.4	84.5	85.0	85.4	85.9	86.3	86.7
125	76.6	79.9	82.4	84.5	85.6	86.1	86.6	87.2	87.5	87.8
160	77.4	80.7	83.2	85.4	86.5	87.0	87.5	88.0	88.3	88.7
200	78.3	81.5	84.1	86.2	87.4	87.9	88.4	89.0	89.3	89.6
250	79.4	82.7	85.2	87.4	88.6	89.1	89.6	90.2	90.5	90.8
315	80.3	83.6	86.2	88.5	89.6	90.1	90.7	91.3	91.5	91.8
400	80.8	84.3	87.0	89.3	90.5	91.0	91.6	92.2	92.4	92.7
500	81.1	84.7	87.5	89.9	91.0	91.6	92.1	92.7	93.0	93.3
630	81.1	84.8	87.7	90.1	91.3	91.8	92.4	93.0	93.3	93.6
800	81.3	85.0	87.9	90.4	91.6	92.1	92.6	93.2	93.5	93.9
1000	81.8	85.6	88.4	90.9	92.1	92.6	93.1	93.7	94.0	94.4
1250	82.4	86.2	89.1	91.6	92.8	93.2	93.7	94.3	94.7	95.1
1600	82.8	86.7	89.6	92.2	93.3	93.8	94.2	94.8	95.2	95.7
2000	82.4	86.3	89.2	91.8	92.9	93.3	93.8	94.3	94.8	95.3
2500	81.2	85.2	88.1	90.7	91.8	92.3	92.7	93.2	93.7	94.3
3150	79.6	83.6	86.5	89.2	90.3	90.7	91.1	91.6	92.1	92.7
4000	76.9	81.0	84.0	86.7	87.8	88.1	88.5	89.0	89.6	90.3
5000	72.9	77.1	80.2	83.0	84.1	84.4	84.8	85.3	85.9	86.6
6300	66.6	71.0	74.2	77.0	78.2	78.6	79.0	79.5	80.2	80.8
8000	57.7	62.1	65.4	68.3	69.5	70.0	70.4	71.0	71.6	72.3
10000	47.3	51.7	55.0	57.9	59.2	59.7	60.2	60.8	61.4	62.0

Tab. 61: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.1	57.1	56.9	56.6	56.5	56.5	56.4	56.4	56.4
25	63.4	63.3	63.2	62.9	62.8	62.7	62.7	62.7	62.6
31.5	69.0	68.9	68.7	68.5	68.4	68.3	68.2	68.2	68.2
40	73.9	73.8	73.6	73.4	73.3	73.2	73.1	73.1	73.1
50	78.1	78.0	77.8	77.6	77.5	77.4	77.3	77.3	77.3
63	81.7	81.6	81.4	81.2	81.1	81.0	80.9	80.9	80.9
80	84.8	84.7	84.5	84.2	84.1	84.0	84.0	84.0	84.0
100	87.0	86.9	86.7	86.4	86.3	86.2	86.1	86.1	86.1
125	88.1	88.0	87.8	87.4	87.3	87.2	87.1	87.1	87.1
160	88.9	88.7	88.4	88.0	87.9	87.8	87.7	87.7	87.7
200	89.8	89.6	89.2	88.8	88.6	88.5	88.4	88.4	88.4
250	91.0	90.7	90.3	89.9	89.7	89.6	89.5	89.4	89.4
315	92.0	91.7	91.3	90.8	90.6	90.5	90.4	90.4	90.4
400	92.9	92.6	92.2	91.7	91.5	91.4	91.4	91.3	91.3
500	93.5	93.3	92.9	92.5	92.3	92.3	92.2	92.2	92.2
630	94.0	93.8	93.6	93.2	93.1	93.1	93.1	93.1	93.2
800	94.3	94.3	94.2	93.9	93.9	94.0	94.1	94.1	94.2
1000	94.9	95.0	94.9	94.8	94.9	95.1	95.2	95.3	95.5
1250	95.7	95.8	95.8	95.9	96.1	96.3	96.4	96.6	96.7
1600	96.3	96.5	96.6	96.9	97.2	97.4	97.5	97.5	97.6
2000	96.0	96.2	96.5	97.0	97.2	97.2	97.2	97.2	97.1
2500	95.0	95.3	95.7	96.2	96.2	96.1	95.9	95.8	95.6
3150	93.6	94.0	94.4	94.5	94.3	94.1	93.9	93.7	93.6
4000	91.2	91.7	91.9	91.6	91.2	91.0	90.7	90.6	90.5
5000	87.6	88.0	87.8	87.2	86.8	86.5	86.3	86.1	86.0
6300	81.8	81.9	81.5	80.8	80.4	80.1	79.8	79.6	79.4
8000	73.0	73.1	72.6	71.8	71.3	71.0	70.7	70.5	70.3
10000	62.7	62.7	62.2	61.3	60.8	60.4	60.0	59.8	59.5

6.4 One-third octave band level E-138 EP3 E2-ST-111-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 62: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.9	51.3	53.2	54.7	55.3	55.8	56.1	56.5	56.8	57.1
25	54.7	57.3	59.3	60.9	61.6	62.0	62.3	62.8	63.1	63.4
31.5	59.8	62.5	64.6	66.3	67.0	67.5	67.9	68.3	68.6	69.0
40	64.1	67.0	69.3	71.1	71.8	72.3	72.7	73.2	73.5	73.8
50	67.9	70.9	73.3	75.2	75.9	76.4	76.8	77.3	77.6	78.0
63	71.2	74.3	76.7	78.7	79.5	80.0	80.4	80.9	81.2	81.6
80	74.0	77.1	79.6	81.6	82.5	83.0	83.4	84.0	84.3	84.7
100	76.0	79.2	81.7	83.8	84.7	85.2	85.7	86.2	86.5	86.9
125	77.1	80.3	82.9	85.0	85.8	86.4	86.9	87.4	87.7	88.1
160	77.9	81.1	83.7	85.8	86.7	87.2	87.7	88.3	88.6	88.9
200	78.8	82.0	84.5	86.7	87.6	88.2	88.7	89.2	89.5	89.8
250	79.9	83.1	85.7	87.8	88.8	89.4	89.9	90.5	90.7	91.0
315	80.8	84.1	86.7	88.9	89.8	90.4	90.9	91.5	91.7	92.0
400	81.4	84.8	87.5	89.7	90.7	91.3	91.8	92.4	92.6	92.9
500	81.6	85.2	88.0	90.3	91.2	91.8	92.3	92.9	93.2	93.5
630	81.7	85.3	88.2	90.5	91.5	92.1	92.6	93.2	93.5	93.8
800	81.9	85.5	88.4	90.8	91.7	92.3	92.8	93.4	93.7	94.1
1000	82.4	86.0	88.9	91.3	92.2	92.8	93.3	93.9	94.2	94.6
1250	82.9	86.6	89.5	92.0	92.9	93.4	93.9	94.5	94.8	95.3
1600	83.4	87.1	90.0	92.5	93.4	93.9	94.4	94.9	95.3	95.8
2000	82.8	86.6	89.6	92.1	92.9	93.4	93.9	94.4	94.9	95.4
2500	81.6	85.5	88.5	90.9	91.8	92.3	92.7	93.3	93.8	94.3
3150	79.9	83.7	86.8	89.3	90.1	90.5	90.9	91.5	92.0	92.6
4000	77.1	81.0	84.1	86.6	87.4	87.8	88.2	88.8	89.4	90.0
5000	72.8	76.8	80.0	82.6	83.4	83.8	84.2	84.8	85.4	86.1
6300	66.1	70.3	73.6	76.3	77.1	77.6	78.0	78.6	79.2	79.9
8000	56.5	60.7	64.1	66.8	67.8	68.3	68.7	69.3	70.0	70.6
10000	45.1	49.3	52.7	55.5	56.4	57.0	57.5	58.1	58.7	59.3

Tab. 63: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.3	57.2	56.9	56.7	56.6	56.6	56.5	56.5	56.5
25	63.6	63.5	63.2	63.0	62.9	62.9	62.8	62.8	62.8
31.5	69.1	69.0	68.8	68.6	68.5	68.4	68.4	68.4	68.3
40	74.0	73.9	73.7	73.5	73.4	73.3	73.3	73.2	73.2
50	78.3	78.1	77.9	77.7	77.6	77.5	77.5	77.4	77.4
63	81.9	81.7	81.5	81.3	81.2	81.1	81.1	81.0	81.0
80	84.9	84.8	84.6	84.3	84.2	84.2	84.1	84.1	84.1
100	87.2	87.0	86.7	86.5	86.4	86.3	86.3	86.3	86.2
125	88.3	88.1	87.8	87.5	87.4	87.3	87.3	87.2	87.2
160	89.0	88.8	88.4	88.1	87.9	87.9	87.8	87.8	87.8
200	89.9	89.6	89.2	88.8	88.6	88.6	88.5	88.5	88.5
250	91.1	90.7	90.3	89.9	89.7	89.6	89.6	89.6	89.5
315	92.0	91.7	91.3	90.9	90.7	90.6	90.5	90.5	90.5
400	92.9	92.6	92.2	91.8	91.6	91.5	91.4	91.4	91.4
500	93.6	93.3	92.9	92.6	92.4	92.3	92.3	92.3	92.3
630	94.1	93.9	93.6	93.3	93.2	93.2	93.2	93.3	93.3
800	94.5	94.4	94.2	94.0	94.0	94.1	94.2	94.3	94.4
1000	95.1	95.1	95.0	94.9	95.0	95.2	95.3	95.5	95.6
1250	95.8	95.9	95.9	96.0	96.2	96.4	96.6	96.7	96.8
1600	96.5	96.6	96.7	97.0	97.3	97.4	97.5	97.6	97.5
2000	96.1	96.3	96.6	97.0	97.2	97.2	97.2	97.1	97.0
2500	95.1	95.3	95.8	96.1	96.1	95.9	95.8	95.6	95.5
3150	93.6	93.9	94.3	94.2	94.0	93.8	93.6	93.4	93.3
4000	91.1	91.4	91.5	91.0	90.7	90.5	90.3	90.1	90.0
5000	87.2	87.3	87.0	86.4	86.0	85.8	85.6	85.4	85.2
6300	80.8	80.8	80.2	79.5	79.1	78.9	78.6	78.4	78.2
8000	71.3	71.2	70.5	69.8	69.4	69.1	68.8	68.5	68.3
10000	60.0	59.8	59.0	58.2	57.8	57.4	57.1	56.9	56.6

6.5 One-third octave band level E-138 EP3 E2-ST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 64: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.4	51.8	53.7	55.0	55.6	56.0	56.4	56.8	57.1	57.4
25	55.3	57.8	59.8	61.2	61.8	62.3	62.6	63.0	63.3	63.7
31.5	60.3	63.0	65.1	66.7	67.3	67.8	68.2	68.6	68.9	69.2
40	64.7	67.5	69.8	71.5	72.1	72.6	73.0	73.4	73.7	74.1
50	68.5	71.4	73.8	75.5	76.2	76.7	77.2	77.6	77.9	78.3
63	71.8	74.8	77.2	79.0	79.7	80.3	80.7	81.2	81.5	81.9
80	74.6	77.7	80.2	82.0	82.7	83.3	83.8	84.2	84.6	85.0
100	76.7	79.8	82.3	84.2	85.0	85.5	86.0	86.5	86.8	87.2
125	77.8	80.9	83.4	85.3	86.1	86.7	87.2	87.7	88.0	88.3
160	78.6	81.7	84.2	86.2	86.9	87.5	88.0	88.5	88.8	89.2
200	79.4	82.5	85.1	87.0	87.8	88.4	89.0	89.5	89.8	90.0
250	80.5	83.7	86.3	88.2	89.0	89.6	90.2	90.7	90.9	91.2
315	81.4	84.6	87.3	89.2	90.0	90.6	91.2	91.7	92.0	92.2
400	82.0	85.3	88.1	90.1	90.9	91.5	92.1	92.6	92.8	93.1
500	82.2	85.7	88.5	90.6	91.4	92.0	92.6	93.1	93.4	93.7
630	82.3	85.8	88.7	90.9	91.7	92.2	92.8	93.4	93.7	94.0
800	82.5	86.0	89.0	91.1	91.9	92.5	93.0	93.6	93.9	94.3
1000	83.0	86.5	89.4	91.6	92.4	92.9	93.5	94.0	94.4	94.8
1250	83.5	87.1	90.1	92.2	93.0	93.5	94.1	94.6	95.0	95.5
1600	83.9	87.5	90.5	92.7	93.5	94.0	94.5	95.0	95.5	96.0
2000	83.3	87.0	90.0	92.2	92.9	93.5	94.0	94.5	95.0	95.6
2500	82.1	85.7	88.8	91.0	91.7	92.2	92.7	93.2	93.8	94.4
3150	80.2	83.9	86.9	89.2	89.9	90.3	90.8	91.3	91.9	92.6
4000	77.1	80.9	84.0	86.3	86.9	87.4	87.8	88.4	89.0	89.8
5000	72.5	76.4	79.6	81.9	82.6	83.0	83.4	84.0	84.7	85.5
6300	65.2	69.3	72.6	75.0	75.7	76.2	76.6	77.2	77.9	78.7
8000	54.7	58.8	62.1	64.6	65.4	65.9	66.4	67.1	67.7	68.4
10000	41.9	46.0	49.4	51.9	52.8	53.3	53.8	54.5	55.1	55.8

Tab. 65: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.4	57.3	57.1	56.9	56.8	56.8	56.7	56.7	56.7
25	63.7	63.6	63.4	63.2	63.1	63.0	63.0	63.0	62.9
31.5	69.3	69.2	68.9	68.8	68.7	68.6	68.6	68.5	68.5
40	74.1	74.0	73.8	73.6	73.5	73.5	73.4	73.4	73.4
50	78.4	78.3	78.0	77.9	77.7	77.7	77.7	77.6	77.6
63	82.0	81.9	81.6	81.5	81.3	81.3	81.3	81.2	81.2
80	85.0	84.9	84.7	84.5	84.4	84.3	84.3	84.3	84.2
100	87.3	87.1	86.9	86.7	86.6	86.5	86.5	86.4	86.4
125	88.4	88.2	87.9	87.7	87.5	87.5	87.4	87.4	87.4
160	89.1	88.9	88.5	88.3	88.1	88.0	88.0	88.0	88.0
200	90.0	89.7	89.2	89.0	88.8	88.7	88.7	88.7	88.7
250	91.1	90.8	90.3	90.0	89.8	89.8	89.7	89.7	89.7
315	92.1	91.7	91.2	91.0	90.8	90.7	90.7	90.6	90.7
400	92.9	92.6	92.1	91.9	91.7	91.6	91.6	91.5	91.6
500	93.6	93.3	92.9	92.7	92.5	92.5	92.4	92.4	92.5
630	94.1	93.9	93.6	93.4	93.3	93.3	93.3	93.4	93.5
800	94.5	94.4	94.2	94.1	94.1	94.2	94.3	94.4	94.5
1000	95.1	95.1	95.0	95.1	95.2	95.3	95.5	95.6	95.7
1250	95.9	96.0	96.0	96.2	96.4	96.5	96.7	96.8	96.9
1600	96.5	96.6	96.9	97.2	97.4	97.5	97.6	97.6	97.5
2000	96.1	96.3	96.8	97.1	97.1	97.1	97.1	97.0	96.9
2500	95.0	95.3	95.9	96.0	95.9	95.7	95.5	95.4	95.3
3150	93.3	93.8	94.1	93.9	93.6	93.4	93.2	93.1	92.9
4000	90.6	91.0	90.8	90.4	90.1	89.8	89.7	89.5	89.4
5000	86.3	86.4	85.8	85.4	85.0	84.8	84.6	84.4	84.2
6300	79.3	79.1	78.4	77.9	77.5	77.3	77.0	76.8	76.7
8000	68.8	68.6	67.8	67.2	66.8	66.5	66.2	66.0	65.8
10000	56.1	55.8	54.9	54.3	53.9	53.5	53.2	53.0	52.7

6.6 One-third octave band level E-138 EP3 E2-ST-131-FB-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 66: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.4	51.8	53.7	55.0	55.6	56.0	56.4	56.8	57.1	57.4
25	55.3	57.8	59.8	61.2	61.8	62.3	62.6	63.0	63.3	63.7
31.5	60.3	63.0	65.1	66.7	67.3	67.8	68.2	68.6	68.9	69.2
40	64.7	67.5	69.8	71.5	72.1	72.6	73.0	73.4	73.7	74.1
50	68.5	71.4	73.8	75.5	76.2	76.7	77.2	77.6	77.9	78.3
63	71.8	74.8	77.2	79.0	79.7	80.3	80.7	81.2	81.5	81.9
80	74.6	77.7	80.2	82.0	82.7	83.3	83.8	84.2	84.6	85.0
100	76.7	79.8	82.3	84.2	85.0	85.5	86.0	86.5	86.8	87.2
125	77.8	80.9	83.4	85.3	86.1	86.7	87.2	87.7	88.0	88.3
160	78.6	81.7	84.2	86.2	86.9	87.5	88.0	88.5	88.8	89.2
200	79.4	82.5	85.1	87.0	87.8	88.4	89.0	89.5	89.8	90.0
250	80.5	83.7	86.3	88.2	89.0	89.6	90.2	90.7	90.9	91.2
315	81.4	84.6	87.3	89.2	90.0	90.6	91.2	91.7	92.0	92.2
400	82.0	85.3	88.1	90.1	90.9	91.5	92.1	92.6	92.8	93.1
500	82.2	85.7	88.5	90.6	91.4	92.0	92.6	93.1	93.4	93.7
630	82.3	85.8	88.7	90.9	91.7	92.2	92.8	93.4	93.7	94.0
800	82.5	86.0	89.0	91.1	91.9	92.5	93.0	93.6	93.9	94.3
1000	83.0	86.5	89.4	91.6	92.4	92.9	93.5	94.0	94.4	94.8
1250	83.5	87.1	90.1	92.2	93.0	93.5	94.1	94.6	95.0	95.5
1600	83.9	87.5	90.5	92.7	93.5	94.0	94.5	95.0	95.5	96.0
2000	83.3	87.0	90.0	92.2	92.9	93.5	94.0	94.5	95.0	95.6
2500	82.1	85.7	88.8	91.0	91.7	92.2	92.7	93.2	93.8	94.4
3150	80.2	83.9	86.9	89.2	89.9	90.3	90.8	91.3	91.9	92.6
4000	77.1	80.9	84.0	86.3	86.9	87.4	87.8	88.4	89.0	89.8
5000	72.5	76.4	79.6	81.9	82.6	83.0	83.4	84.0	84.7	85.5
6300	65.2	69.3	72.6	75.0	75.7	76.2	76.6	77.2	77.9	78.7
8000	54.7	58.8	62.1	64.6	65.4	65.9	66.4	67.1	67.7	68.4
10000	41.9	46.0	49.4	51.9	52.8	53.3	53.8	54.5	55.1	55.8

Tab. 67: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.4	57.3	57.1	56.9	56.8	56.8	56.7	56.7	56.7
25	63.7	63.6	63.4	63.2	63.1	63.0	63.0	63.0	62.9
31.5	69.3	69.2	68.9	68.8	68.7	68.6	68.6	68.5	68.5
40	74.1	74.0	73.8	73.6	73.5	73.5	73.4	73.4	73.4
50	78.4	78.3	78.0	77.9	77.7	77.7	77.7	77.6	77.6
63	82.0	81.9	81.6	81.5	81.3	81.3	81.3	81.2	81.2
80	85.0	84.9	84.7	84.5	84.4	84.3	84.3	84.3	84.2
100	87.3	87.1	86.9	86.7	86.6	86.5	86.5	86.4	86.4
125	88.4	88.2	87.9	87.7	87.5	87.5	87.4	87.4	87.4
160	89.1	88.9	88.5	88.3	88.1	88.0	88.0	88.0	88.0
200	90.0	89.7	89.2	89.0	88.8	88.7	88.7	88.7	88.7
250	91.1	90.8	90.3	90.0	89.8	89.8	89.7	89.7	89.7
315	92.1	91.7	91.2	91.0	90.8	90.7	90.7	90.6	90.7
400	92.9	92.6	92.1	91.9	91.7	91.6	91.6	91.5	91.6
500	93.6	93.3	92.9	92.7	92.5	92.5	92.4	92.4	92.5
630	94.1	93.9	93.6	93.4	93.3	93.3	93.3	93.4	93.5
800	94.5	94.4	94.2	94.1	94.1	94.2	94.3	94.4	94.5
1000	95.1	95.1	95.0	95.1	95.2	95.3	95.5	95.6	95.7
1250	95.9	96.0	96.0	96.2	96.4	96.5	96.7	96.8	96.9
1600	96.5	96.6	96.9	97.2	97.4	97.5	97.6	97.6	97.5
2000	96.1	96.3	96.8	97.1	97.1	97.1	97.1	97.0	96.9
2500	95.0	95.3	95.9	96.0	95.9	95.7	95.5	95.4	95.3
3150	93.3	93.8	94.1	93.9	93.6	93.4	93.2	93.1	92.9
4000	90.6	91.0	90.8	90.4	90.1	89.8	89.7	89.5	89.4
5000	86.3	86.4	85.8	85.4	85.0	84.8	84.6	84.4	84.2
6300	79.3	79.1	78.4	77.9	77.5	77.3	77.0	76.8	76.7
8000	68.8	68.6	67.8	67.2	66.8	66.5	66.2	66.0	65.8
10000	56.1	55.8	54.9	54.3	53.9	53.5	53.2	53.0	52.7

6.7 One-third octave band level E-138 EP3 E2-HST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 68: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.4	51.8	53.7	55.0	55.6	56.0	56.4	56.8	57.1	57.4
25	55.3	57.8	59.8	61.2	61.8	62.3	62.6	63.0	63.3	63.7
31.5	60.3	63.0	65.1	66.7	67.3	67.8	68.2	68.6	68.9	69.2
40	64.7	67.5	69.8	71.5	72.1	72.6	73.0	73.4	73.7	74.1
50	68.5	71.4	73.8	75.5	76.2	76.7	77.2	77.6	77.9	78.3
63	71.8	74.8	77.2	79.0	79.7	80.3	80.7	81.2	81.5	81.9
80	74.6	77.7	80.2	82.0	82.7	83.3	83.8	84.2	84.6	85.0
100	76.7	79.8	82.3	84.2	85.0	85.5	86.0	86.5	86.8	87.2
125	77.8	80.9	83.4	85.3	86.1	86.7	87.2	87.7	88.0	88.3
160	78.6	81.7	84.2	86.2	86.9	87.5	88.0	88.5	88.8	89.2
200	79.4	82.5	85.1	87.0	87.8	88.4	89.0	89.5	89.8	90.0
250	80.5	83.7	86.3	88.2	89.0	89.6	90.2	90.7	90.9	91.2
315	81.4	84.6	87.3	89.2	90.0	90.6	91.2	91.7	92.0	92.2
400	82.0	85.3	88.1	90.1	90.9	91.5	92.1	92.6	92.8	93.1
500	82.2	85.7	88.5	90.6	91.4	92.0	92.6	93.1	93.4	93.7
630	82.3	85.8	88.7	90.9	91.7	92.2	92.8	93.4	93.7	94.0
800	82.5	86.0	89.0	91.1	91.9	92.5	93.0	93.6	93.9	94.3
1000	83.0	86.5	89.4	91.6	92.4	92.9	93.5	94.0	94.4	94.8
1250	83.5	87.1	90.1	92.2	93.0	93.5	94.1	94.6	95.0	95.5
1600	83.9	87.5	90.5	92.7	93.5	94.0	94.5	95.0	95.5	96.0
2000	83.3	87.0	90.0	92.2	92.9	93.5	94.0	94.5	95.0	95.6
2500	82.1	85.7	88.8	91.0	91.7	92.2	92.7	93.2	93.8	94.4
3150	80.2	83.9	86.9	89.2	89.9	90.3	90.8	91.3	91.9	92.6
4000	77.1	80.9	84.0	86.3	86.9	87.4	87.8	88.4	89.0	89.8
5000	72.5	76.4	79.6	81.9	82.6	83.0	83.4	84.0	84.7	85.5
6300	65.2	69.3	72.6	75.0	75.7	76.2	76.6	77.2	77.9	78.7
8000	54.7	58.8	62.1	64.6	65.4	65.9	66.4	67.1	67.7	68.4
10000	41.9	46.0	49.4	51.9	52.8	53.3	53.8	54.5	55.1	55.8

Tab. 69: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.4	57.3	57.1	56.9	56.8	56.8	56.7	56.7	56.7
25	63.7	63.6	63.4	63.2	63.1	63.0	63.0	63.0	62.9
31.5	69.3	69.2	68.9	68.8	68.7	68.6	68.6	68.5	68.5
40	74.1	74.0	73.8	73.6	73.5	73.5	73.4	73.4	73.4
50	78.4	78.3	78.0	77.9	77.7	77.7	77.7	77.6	77.6
63	82.0	81.9	81.6	81.5	81.3	81.3	81.3	81.2	81.2
80	85.0	84.9	84.7	84.5	84.4	84.3	84.3	84.3	84.2
100	87.3	87.1	86.9	86.7	86.6	86.5	86.5	86.4	86.4
125	88.4	88.2	87.9	87.7	87.5	87.5	87.4	87.4	87.4
160	89.1	88.9	88.5	88.3	88.1	88.0	88.0	88.0	88.0
200	90.0	89.7	89.2	89.0	88.8	88.7	88.7	88.7	88.7
250	91.1	90.8	90.3	90.0	89.8	89.8	89.7	89.7	89.7
315	92.1	91.7	91.2	91.0	90.8	90.7	90.7	90.6	90.7
400	92.9	92.6	92.1	91.9	91.7	91.6	91.6	91.5	91.6
500	93.6	93.3	92.9	92.7	92.5	92.5	92.4	92.4	92.5
630	94.1	93.9	93.6	93.4	93.3	93.3	93.3	93.4	93.5
800	94.5	94.4	94.2	94.1	94.1	94.2	94.3	94.4	94.5
1000	95.1	95.1	95.0	95.1	95.2	95.3	95.5	95.6	95.7
1250	95.9	96.0	96.0	96.2	96.4	96.5	96.7	96.8	96.9
1600	96.5	96.6	96.9	97.2	97.4	97.5	97.6	97.6	97.5
2000	96.1	96.3	96.8	97.1	97.1	97.1	97.1	97.0	96.9
2500	95.0	95.3	95.9	96.0	95.9	95.7	95.5	95.4	95.3
3150	93.3	93.8	94.1	93.9	93.6	93.4	93.2	93.1	92.9
4000	90.6	91.0	90.8	90.4	90.1	89.8	89.7	89.5	89.4
5000	86.3	86.4	85.8	85.4	85.0	84.8	84.6	84.4	84.2
6300	79.3	79.1	78.4	77.9	77.5	77.3	77.0	76.8	76.7
8000	68.8	68.6	67.8	67.2	66.8	66.5	66.2	66.0	65.8
10000	56.1	55.8	54.9	54.3	53.9	53.5	53.2	53.0	52.7

6.8 One-third octave band level E-138 EP3 E2-HT-149-ES-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 70: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.9	52.1	54.1	55.3	55.8	56.2	56.6	57.0	57.3	57.6
25	55.7	58.1	60.2	61.5	62.0	62.5	62.9	63.3	63.6	63.9
31.5	60.8	63.4	65.6	67.0	67.5	68.0	68.4	68.8	69.1	69.5
40	65.2	67.9	70.2	71.8	72.3	72.8	73.2	73.7	74.0	74.3
50	69.0	71.9	74.3	75.9	76.4	76.9	77.4	77.8	78.2	78.5
63	72.3	75.2	77.7	79.4	80.0	80.5	81.0	81.4	81.7	82.1
80	75.1	78.1	80.6	82.3	83.0	83.5	84.0	84.4	84.8	85.2
100	77.2	80.2	82.8	84.5	85.2	85.7	86.2	86.7	87.0	87.4
125	78.3	81.3	83.9	85.7	86.3	86.9	87.4	87.9	88.2	88.6
160	79.1	82.1	84.7	86.5	87.2	87.7	88.3	88.7	89.0	89.4
200	79.9	83.0	85.6	87.3	88.1	88.6	89.2	89.6	89.9	90.2
250	81.0	84.1	86.7	88.5	89.2	89.8	90.4	90.8	91.1	91.4
315	81.9	85.0	87.7	89.5	90.3	90.8	91.4	91.8	92.1	92.4
400	82.5	85.8	88.5	90.4	91.1	91.7	92.3	92.7	93.0	93.2
500	82.7	86.1	89.0	90.9	91.6	92.2	92.8	93.2	93.5	93.9
630	82.8	86.3	89.2	91.1	91.9	92.4	93.0	93.5	93.8	94.2
800	83.0	86.4	89.4	91.4	92.1	92.6	93.2	93.7	94.0	94.5
1000	83.4	86.9	89.9	91.8	92.5	93.1	93.6	94.1	94.5	95.1
1250	84.0	87.5	90.5	92.4	93.1	93.6	94.2	94.7	95.1	95.7
1600	84.3	87.9	90.9	92.9	93.5	94.0	94.6	95.1	95.6	96.2
2000	83.7	87.3	90.3	92.3	92.9	93.5	94.0	94.5	95.0	95.7
2500	82.3	85.9	89.0	91.0	91.6	92.1	92.6	93.2	93.7	94.5
3150	80.3	83.9	87.0	89.0	89.6	90.1	90.6	91.2	91.7	92.6
4000	77.0	80.8	83.9	85.9	86.5	86.9	87.4	88.0	88.6	89.6
5000	72.1	75.9	79.2	81.2	81.8	82.2	82.6	83.3	84.0	85.0
6300	64.3	68.3	71.6	73.8	74.4	74.9	75.3	76.0	76.7	77.7
8000	52.9	56.9	60.4	62.6	63.3	63.8	64.3	65.0	65.6	66.5
10000	39.0	43.0	46.4	48.7	49.4	50.0	50.5	51.2	51.8	52.6

Tab. 71: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.6	57.4	57.2	57.0	57.0	56.9	56.9	56.9	56.9
25	63.9	63.7	63.5	63.3	63.2	63.2	63.2	63.1	63.1
31.5	69.4	69.3	69.0	68.9	68.8	68.8	68.7	68.7	68.7
40	74.3	74.2	73.9	73.8	73.7	73.6	73.6	73.6	73.6
50	78.5	78.4	78.1	78.0	77.9	77.9	77.8	77.8	77.8
63	82.1	82.0	81.7	81.6	81.5	81.5	81.4	81.4	81.4
80	85.2	85.0	84.8	84.6	84.5	84.5	84.4	84.4	84.4
100	87.4	87.2	86.9	86.8	86.7	86.7	86.6	86.6	86.6
125	88.5	88.3	87.9	87.8	87.7	87.6	87.6	87.6	87.6
160	89.2	88.9	88.5	88.3	88.2	88.2	88.1	88.2	88.2
200	90.0	89.7	89.2	89.0	88.9	88.8	88.8	88.8	88.8
250	91.1	90.8	90.3	90.1	90.0	89.9	89.8	89.9	89.9
315	92.1	91.7	91.2	91.0	90.9	90.8	90.8	90.8	90.8
400	93.0	92.6	92.1	91.9	91.8	91.7	91.7	91.7	91.7
500	93.6	93.3	92.9	92.7	92.6	92.5	92.5	92.6	92.6
630	94.1	93.9	93.6	93.5	93.4	93.4	93.4	93.5	93.6
800	94.6	94.4	94.2	94.2	94.3	94.3	94.4	94.6	94.7
1000	95.2	95.2	95.1	95.2	95.3	95.4	95.6	95.7	95.8
1250	96.0	96.0	96.1	96.3	96.5	96.6	96.8	96.9	96.9
1600	96.5	96.7	97.0	97.2	97.4	97.5	97.6	97.6	97.5
2000	96.1	96.4	96.9	97.1	97.1	97.1	97.0	96.9	96.8
2500	95.0	95.4	95.9	95.8	95.7	95.5	95.4	95.2	95.1
3150	93.2	93.7	93.8	93.5	93.3	93.1	92.9	92.7	92.6
4000	90.3	90.5	90.2	89.8	89.5	89.3	89.1	88.9	88.8
5000	85.6	85.5	84.8	84.4	84.1	83.9	83.7	83.5	83.4
6300	78.0	77.6	76.8	76.4	76.1	75.8	75.6	75.4	75.2
8000	66.6	66.2	65.3	64.8	64.5	64.2	63.9	63.7	63.5
10000	52.7	52.2	51.3	50.7	50.3	50.0	49.7	49.5	49.2

6.9 One-third octave band level E-138 EP3 E2-HT-160-ES-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 72: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	50.1	52.3	54.2	55.5	55.9	56.3	56.7	57.1	57.4	57.7
25	55.9	58.3	60.4	61.7	62.2	62.6	63.0	63.3	63.7	64.0
31.5	61.0	63.6	65.8	67.2	67.7	68.1	68.5	68.9	69.3	69.5
40	65.5	68.2	70.4	71.9	72.4	72.9	73.4	73.7	74.1	74.4
50	69.3	72.1	74.5	76.0	76.6	77.0	77.5	77.9	78.3	78.6
63	72.6	75.5	77.9	79.5	80.1	80.6	81.1	81.5	81.9	82.2
80	75.4	78.3	80.9	82.5	83.1	83.6	84.1	84.5	84.9	85.3
100	77.4	80.4	83.0	84.7	85.3	85.8	86.4	86.8	87.2	87.5
125	78.5	81.6	84.1	85.8	86.5	87.0	87.6	88.0	88.3	88.7
160	79.3	82.3	84.9	86.6	87.3	87.8	88.4	88.8	89.2	89.5
200	80.1	83.2	85.8	87.5	88.2	88.8	89.4	89.7	90.1	90.3
250	81.2	84.3	86.9	88.7	89.3	89.9	90.6	90.9	91.2	91.5
315	82.1	85.3	87.9	89.7	90.3	91.0	91.6	91.9	92.2	92.5
400	82.7	86.0	88.7	90.5	91.2	91.8	92.4	92.8	93.1	93.3
500	83.0	86.4	89.2	91.0	91.7	92.3	92.9	93.3	93.6	93.9
630	83.0	86.5	89.4	91.3	91.9	92.5	93.1	93.6	93.9	94.3
800	83.2	86.7	89.6	91.5	92.1	92.7	93.3	93.8	94.1	94.6
1000	83.6	87.1	90.0	92.0	92.6	93.1	93.7	94.2	94.6	95.2
1250	84.2	87.7	90.6	92.6	93.2	93.7	94.3	94.7	95.2	95.8
1600	84.5	88.0	91.0	93.0	93.6	94.1	94.6	95.1	95.6	96.3
2000	83.9	87.4	90.4	92.4	92.9	93.5	94.0	94.5	95.0	95.8
2500	82.4	86.0	89.1	91.0	91.6	92.1	92.6	93.1	93.7	94.5
3150	80.3	83.9	87.0	89.0	89.5	89.9	90.5	91.0	91.6	92.6
4000	76.9	80.6	83.8	85.7	86.2	86.6	87.1	87.7	88.4	89.4
5000	71.8	75.6	78.8	80.8	81.3	81.7	82.2	82.8	83.6	84.7
6300	63.7	67.6	71.0	73.1	73.6	74.0	74.5	75.2	76.0	76.9
8000	51.8	55.8	59.2	61.3	62.0	62.5	63.0	63.7	64.4	65.2
10000	37.1	41.1	44.5	46.7	47.4	47.9	48.5	49.1	49.8	50.6

Tab. 73: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.6	57.5	57.2	57.2	57.1	57.0	57.0	57.0	57.0
25	63.9	63.7	63.5	63.4	63.4	63.3	63.2	63.2	63.2
31.5	69.5	69.3	69.1	69.0	68.9	68.9	68.8	68.8	68.8
40	74.4	74.2	74.0	73.9	73.8	73.7	73.7	73.7	73.7
50	78.6	78.4	78.2	78.1	78.0	77.9	77.9	77.9	77.9
63	82.2	82.0	81.8	81.7	81.6	81.5	81.5	81.5	81.5
80	85.3	85.1	84.8	84.7	84.7	84.6	84.5	84.5	84.5
100	87.5	87.3	87.0	86.9	86.8	86.7	86.7	86.7	86.7
125	88.6	88.3	88.0	87.8	87.7	87.7	87.6	87.7	87.7
160	89.3	89.0	88.6	88.4	88.3	88.3	88.2	88.2	88.2
200	90.1	89.7	89.3	89.1	89.0	88.9	88.9	88.9	88.9
250	91.2	90.8	90.4	90.1	90.0	90.0	89.9	89.9	89.9
315	92.1	91.7	91.3	91.1	90.9	90.9	90.8	90.9	90.9
400	93.0	92.6	92.2	91.9	91.8	91.8	91.7	91.8	91.8
500	93.7	93.3	92.9	92.7	92.6	92.6	92.6	92.7	92.7
630	94.2	93.9	93.6	93.5	93.4	93.5	93.5	93.6	93.7
800	94.6	94.5	94.3	94.3	94.3	94.4	94.5	94.6	94.7
1000	95.2	95.2	95.1	95.2	95.4	95.5	95.6	95.8	95.9
1250	96.0	96.0	96.1	96.4	96.5	96.7	96.8	96.9	97.0
1600	96.5	96.7	97.0	97.3	97.5	97.5	97.6	97.6	97.5
2000	96.1	96.4	96.9	97.1	97.1	97.0	96.9	96.8	96.7
2500	94.9	95.4	95.8	95.7	95.6	95.4	95.2	95.1	95.0
3150	93.1	93.6	93.6	93.3	93.1	92.9	92.7	92.5	92.4
4000	90.0	90.2	89.8	89.5	89.2	89.0	88.8	88.6	88.5
5000	85.1	84.9	84.2	83.9	83.6	83.3	83.1	83.0	82.8
6300	77.1	76.6	75.9	75.5	75.2	75.0	74.7	74.5	74.4
8000	65.2	64.7	63.9	63.5	63.1	62.8	62.5	62.3	62.1
10000	50.6	49.9	49.1	48.6	48.2	47.8	47.5	47.3	47.1

7 Operating mode 3500 kW s

7.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 74: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre freq. in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	51.3	52.6	53.8	54.8	55.5	55.7	55.9	56.1	56.4	56.7	57.2
25	57.2	58.6	59.9	61.0	61.7	61.9	62.2	62.4	62.7	63.0	63.4
31.5	62.4	63.9	65.3	66.5	67.1	67.4	67.7	67.9	68.2	68.5	69.0
40	66.9	68.5	70.0	71.2	71.9	72.2	72.5	72.7	73.0	73.4	73.8
50	70.8	72.5	74.0	75.3	76.0	76.3	76.6	76.9	77.2	77.5	78.0
63	74.1	75.8	77.4	78.8	79.5	79.8	80.2	80.4	80.8	81.1	81.6
80	77.0	78.7	80.4	81.8	82.5	82.8	83.2	83.4	83.8	84.2	84.6
100	79.1	80.9	82.5	83.9	84.7	85.0	85.4	85.7	86.1	86.4	86.9
125	80.2	81.9	83.6	85.1	85.8	86.2	86.6	86.8	87.2	87.6	88.1
160	81.0	82.7	84.4	85.8	86.6	87.0	87.4	87.7	88.1	88.5	88.9
200	81.8	83.6	85.3	86.7	87.5	87.9	88.3	88.6	89.0	89.4	89.8
250	82.9	84.7	86.5	87.9	88.7	89.1	89.5	89.8	90.2	90.6	91.1
315	83.9	85.7	87.5	88.9	89.7	90.1	90.5	90.8	91.3	91.7	92.1
400	84.6	86.5	88.3	89.8	90.6	90.9	91.4	91.7	92.1	92.5	92.9
500	84.9	86.9	88.8	90.3	91.1	91.5	91.9	92.2	92.7	93.1	93.5
630	85.0	87.0	89.0	90.5	91.4	91.7	92.1	92.5	92.9	93.3	93.8
800	85.2	87.2	89.2	90.8	91.6	91.9	92.4	92.7	93.1	93.5	94.0
1000	85.7	87.7	89.7	91.3	92.1	92.4	92.8	93.1	93.5	93.9	94.4
1250	86.3	88.3	90.3	92.0	92.8	93.1	93.4	93.7	94.1	94.5	95.0
1600	86.7	88.8	90.7	92.4	93.2	93.5	93.9	94.2	94.6	95.0	95.5
2000	86.2	88.3	90.2	91.9	92.7	93.0	93.4	93.6	94.0	94.4	95.0
2500	84.9	87.0	89.0	90.7	91.5	91.8	92.1	92.4	92.7	93.2	93.7
3150	83.0	85.2	87.2	88.9	89.7	89.9	90.2	90.5	90.8	91.3	91.9
4000	80.1	82.2	84.3	86.0	86.8	87.0	87.3	87.5	87.8	88.3	88.9
5000	75.5	77.8	79.8	81.6	82.4	82.6	82.9	83.1	83.4	83.9	84.6
6300	68.4	70.7	72.8	74.7	75.5	75.8	76.1	76.3	76.6	77.1	77.8
8000	57.8	60.2	62.4	64.3	65.2	65.5	65.8	66.1	66.5	66.9	67.7

One-third octave band level centre freq. in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	45.1	47.5	49.7	51.6	52.5	52.8	53.2	53.5	53.9	54.4	55.1

Tab. 75: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	57.2	57.2	57.1	57.0	56.8	56.7	56.6	56.5	56.5	56.5
25	63.5	63.5	63.4	63.3	63.0	62.9	62.9	62.8	62.8	62.8
31.5	69.1	69.0	68.9	68.8	68.6	68.5	68.4	68.4	68.3	68.3
40	74.0	73.9	73.8	73.7	73.4	73.3	73.3	73.2	73.2	73.2
50	78.2	78.1	78.0	77.9	77.6	77.5	77.5	77.4	77.4	77.4
63	81.8	81.7	81.6	81.5	81.2	81.1	81.1	81.0	81.0	80.9
80	84.8	84.7	84.6	84.5	84.3	84.2	84.1	84.0	84.0	84.0
100	87.1	87.0	86.9	86.7	86.5	86.3	86.3	86.2	86.2	86.1
125	88.2	88.1	87.9	87.7	87.5	87.3	87.2	87.1	87.1	87.1
160	89.0	88.8	88.6	88.4	88.1	87.9	87.8	87.7	87.7	87.7
200	89.9	89.6	89.4	89.2	88.8	88.6	88.5	88.4	88.4	88.3
250	91.0	90.8	90.5	90.3	89.9	89.7	89.6	89.5	89.5	89.4
315	92.0	91.7	91.5	91.2	90.9	90.7	90.5	90.4	90.4	90.3
400	92.9	92.6	92.4	92.1	91.7	91.5	91.4	91.3	91.3	91.2
500	93.5	93.3	93.1	92.8	92.5	92.3	92.2	92.2	92.1	92.1
630	93.9	93.7	93.6	93.4	93.2	93.0	93.0	93.0	93.0	93.0
800	94.2	94.1	94.1	94.0	93.8	93.7	93.8	93.8	93.8	93.9
1000	94.7	94.7	94.7	94.7	94.6	94.7	94.7	94.8	94.9	95.0
1250	95.4	95.5	95.5	95.6	95.6	95.7	95.9	96.0	96.1	96.2
1600	96.0	96.1	96.2	96.3	96.4	96.7	96.9	97.0	97.0	97.1
2000	95.5	95.7	95.8	96.0	96.4	96.6	96.7	96.7	96.7	96.7
2500	94.4	94.6	94.8	95.0	95.5	95.5	95.5	95.4	95.3	95.2
3150	92.6	92.9	93.2	93.5	93.6	93.5	93.3	93.1	93.0	92.9
4000	89.8	90.2	90.4	90.6	90.3	90.0	89.8	89.6	89.4	89.3
5000	85.6	85.9	86.0	85.9	85.3	85.0	84.7	84.5	84.4	84.2
6300	78.7	78.9	78.8	78.6	77.9	77.5	77.3	77.0	76.8	76.7
8000	68.4	68.4	68.3	68.0	67.2	66.8	66.5	66.3	66.1	65.9
10000	55.7	55.7	55.6	55.2	54.4	54.0	53.6	53.3	53.1	52.9

7.2 One-third octave band level E-138 EP3 E2-ST-81-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 76: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.9	50.5	52.3	53.9	55.0	55.3	55.7	56.1	56.6	56.7
25	53.6	56.4	58.4	60.1	61.2	61.5	61.9	62.3	62.8	63.0
31.5	58.7	61.6	63.7	65.5	66.7	67.0	67.4	67.8	68.4	68.6
40	63.0	66.0	68.3	70.2	71.4	71.8	72.2	72.7	73.2	73.4
50	66.8	69.9	72.3	74.3	75.5	75.9	76.4	76.8	77.4	77.7
63	70.0	73.2	75.7	77.7	79.1	79.5	79.9	80.4	81.0	81.3
80	72.8	76.1	78.6	80.7	82.0	82.5	82.9	83.4	84.0	84.3
100	74.9	78.2	80.7	82.9	84.2	84.7	85.2	85.7	86.3	86.6
125	76.0	79.3	81.8	84.0	85.4	85.9	86.4	86.9	87.5	87.7
160	76.8	80.1	82.6	84.8	86.2	86.7	87.2	87.7	88.3	88.6
200	77.6	81.0	83.5	85.7	87.1	87.6	88.2	88.7	89.3	89.5
250	78.8	82.1	84.7	86.9	88.3	88.9	89.4	89.9	90.5	90.7
315	79.6	83.1	85.7	87.9	89.4	89.9	90.4	91.0	91.5	91.7
400	80.2	83.8	86.5	88.8	90.2	90.8	91.3	91.9	92.4	92.6
500	80.4	84.1	86.9	89.3	90.8	91.3	91.9	92.4	93.0	93.2
630	80.5	84.2	87.1	89.6	91.1	91.6	92.1	92.7	93.3	93.6
800	80.7	84.5	87.3	89.9	91.4	91.9	92.4	92.9	93.5	94.0
1000	81.2	85.0	87.9	90.4	91.9	92.4	92.9	93.4	94.0	94.5
1250	81.8	85.6	88.6	91.1	92.6	93.1	93.6	94.1	94.7	95.3
1600	82.3	86.1	89.1	91.7	93.2	93.6	94.1	94.6	95.3	95.9
2000	81.8	85.7	88.7	91.3	92.8	93.3	93.7	94.3	94.9	95.6
2500	80.8	84.7	87.7	90.3	91.8	92.2	92.7	93.2	93.9	94.6
3150	79.2	83.2	86.3	88.9	90.4	90.8	91.2	91.7	92.4	93.3
4000	76.7	80.8	84.0	86.6	88.1	88.4	88.8	89.3	90.0	91.1
5000	72.9	77.2	80.4	83.1	84.6	85.0	85.4	85.8	86.6	87.7
6300	67.1	71.4	74.8	77.6	79.2	79.6	80.0	80.5	81.3	82.3
8000	58.9	63.2	66.6	69.5	71.2	71.7	72.1	72.6	73.4	74.4
10000	49.5	53.8	57.2	60.2	61.9	62.4	62.8	63.4	64.2	65.0

Tab. 77: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.6	56.5	56.3	56.1	56.1	56.0	56.0	56.0	55.9
25	62.9	62.8	62.5	62.4	62.3	62.3	62.3	62.2	62.2
31.5	68.5	68.3	68.1	67.9	67.9	67.8	67.8	67.8	67.8
40	73.4	73.2	72.9	72.8	72.7	72.7	72.7	72.6	72.6
50	77.6	77.4	77.1	77.0	76.9	76.9	76.9	76.8	76.8
63	81.2	81.0	80.7	80.6	80.5	80.5	80.5	80.4	80.4
80	84.2	84.0	83.8	83.6	83.6	83.5	83.5	83.4	83.4
100	86.4	86.2	86.0	85.8	85.7	85.7	85.6	85.6	85.6
125	87.5	87.3	87.0	86.8	86.7	86.6	86.6	86.6	86.6
160	88.3	88.0	87.6	87.4	87.3	87.2	87.2	87.2	87.2
200	89.1	88.8	88.4	88.1	88.0	87.9	87.9	87.9	87.9
250	90.3	89.9	89.5	89.2	89.1	89.0	89.0	89.0	89.0
315	91.3	90.9	90.4	90.2	90.0	90.0	89.9	89.9	89.9
400	92.2	91.8	91.3	91.1	90.9	90.9	90.9	90.9	90.9
500	92.9	92.5	92.1	91.9	91.8	91.8	91.8	91.8	91.9
630	93.4	93.2	92.8	92.7	92.6	92.6	92.7	92.8	92.9
800	93.9	93.7	93.5	93.5	93.5	93.6	93.7	93.8	93.9
1000	94.5	94.5	94.4	94.5	94.6	94.7	94.9	95.0	95.1
1250	95.3	95.4	95.4	95.6	95.8	96.0	96.1	96.2	96.3
1600	96.0	96.2	96.4	96.7	96.9	97.0	97.1	97.1	97.1
2000	95.8	96.0	96.5	96.7	96.8	96.8	96.8	96.7	96.6
2500	95.0	95.3	95.8	95.8	95.7	95.6	95.5	95.3	95.2
3150	93.7	94.1	94.3	94.1	93.9	93.6	93.5	93.3	93.2
4000	91.6	91.9	91.6	91.2	90.9	90.7	90.6	90.4	90.3
5000	88.1	88.1	87.5	87.1	86.8	86.6	86.4	86.2	86.0
6300	82.5	82.3	81.5	81.0	80.7	80.5	80.3	80.1	79.9
8000	74.4	74.1	73.2	72.7	72.3	72.0	71.8	71.6	71.4
10000	65.0	64.6	63.7	63.1	62.7	62.4	62.1	61.9	61.6

7.3 One-third octave band level E-138 EP3 E2-ST-96-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 78: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.4	51.0	52.8	54.4	55.2	55.5	55.9	56.3	56.9	56.9
25	54.2	56.9	58.8	60.5	61.4	61.8	62.1	62.5	63.1	63.2
31.5	59.2	62.1	64.2	66.0	66.9	67.3	67.7	68.1	68.7	68.7
40	63.6	66.6	68.8	70.7	71.7	72.1	72.5	72.9	73.5	73.6
50	67.3	70.5	72.8	74.8	75.8	76.2	76.6	77.1	77.7	77.8
63	70.6	73.8	76.2	78.3	79.3	79.7	80.2	80.7	81.3	81.4
80	73.4	76.7	79.1	81.2	82.3	82.7	83.2	83.7	84.3	84.5
100	75.5	78.8	81.2	83.4	84.5	85.0	85.4	85.9	86.6	86.7
125	76.6	79.9	82.4	84.5	85.6	86.1	86.6	87.2	87.8	87.8
160	77.4	80.7	83.2	85.4	86.5	87.0	87.5	88.0	88.6	88.6
200	78.3	81.5	84.1	86.2	87.4	87.9	88.4	89.0	89.6	89.5
250	79.4	82.7	85.2	87.4	88.6	89.1	89.6	90.2	90.8	90.7
315	80.3	83.6	86.2	88.5	89.6	90.1	90.7	91.3	91.8	91.7
400	80.8	84.3	87.0	89.3	90.5	91.0	91.6	92.2	92.7	92.6
500	81.1	84.7	87.5	89.9	91.0	91.6	92.1	92.7	93.3	93.2
630	81.1	84.8	87.7	90.1	91.3	91.8	92.4	93.0	93.6	93.6
800	81.3	85.0	87.9	90.4	91.6	92.1	92.6	93.2	93.8	94.0
1000	81.8	85.6	88.4	90.9	92.1	92.6	93.1	93.7	94.3	94.6
1250	82.4	86.2	89.1	91.6	92.8	93.2	93.7	94.3	95.0	95.4
1600	82.8	86.7	89.6	92.2	93.3	93.8	94.2	94.8	95.5	96.0
2000	82.4	86.3	89.2	91.8	92.9	93.3	93.8	94.3	95.1	95.7
2500	81.2	85.2	88.1	90.7	91.8	92.3	92.7	93.2	94.0	94.7
3150	79.6	83.6	86.5	89.2	90.3	90.7	91.1	91.6	92.4	93.2
4000	76.9	81.0	84.0	86.7	87.8	88.1	88.5	89.0	89.9	90.9
5000	72.9	77.1	80.2	83.0	84.1	84.4	84.8	85.3	86.2	87.3
6300	66.6	71.0	74.2	77.0	78.2	78.6	79.0	79.5	80.5	81.4
8000	57.7	62.1	65.4	68.3	69.5	70.0	70.4	71.0	71.9	72.6
10000	47.3	51.7	55.0	57.9	59.2	59.7	60.2	60.8	61.7	62.3

Tab. 79: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.8	56.6	56.3	56.2	56.2	56.1	56.1	56.1	56.1
25	63.0	62.8	62.6	62.5	62.4	62.4	62.4	62.4	62.4
31.5	68.6	68.4	68.2	68.0	68.0	67.9	68.0	67.9	67.9
40	73.5	73.3	73.0	72.9	72.9	72.8	72.8	72.8	72.8
50	77.7	77.5	77.2	77.1	77.0	77.0	77.0	77.0	77.0
63	81.3	81.0	80.8	80.7	80.6	80.6	80.6	80.6	80.6
80	84.3	84.1	83.9	83.7	83.7	83.6	83.6	83.6	83.6
100	86.5	86.3	86.0	85.9	85.8	85.8	85.8	85.8	85.8
125	87.6	87.3	87.0	86.9	86.8	86.7	86.8	86.7	86.8
160	88.3	88.0	87.6	87.5	87.4	87.3	87.3	87.3	87.4
200	89.2	88.8	88.4	88.2	88.1	88.0	88.0	88.0	88.1
250	90.3	89.9	89.5	89.3	89.2	89.1	89.1	89.1	89.1
315	91.3	90.9	90.4	90.2	90.1	90.0	90.0	90.0	90.1
400	92.2	91.8	91.4	91.2	91.0	91.0	91.0	91.0	91.0
500	92.9	92.5	92.2	92.0	91.9	91.9	91.9	91.9	92.0
630	93.4	93.2	92.9	92.8	92.7	92.8	92.8	92.9	93.0
800	93.9	93.8	93.6	93.6	93.6	93.7	93.8	93.9	94.1
1000	94.6	94.5	94.5	94.6	94.7	94.9	95.0	95.1	95.3
1250	95.4	95.4	95.6	95.8	95.9	96.1	96.2	96.3	96.4
1600	96.1	96.3	96.6	96.8	97.0	97.1	97.1	97.1	97.1
2000	95.8	96.1	96.6	96.8	96.8	96.7	96.7	96.6	96.5
2500	95.0	95.4	95.8	95.7	95.6	95.4	95.3	95.1	95.0
3150	93.6	94.0	94.0	93.8	93.5	93.3	93.2	93.1	93.0
4000	91.3	91.4	91.0	90.7	90.4	90.2	90.1	89.9	89.8
5000	87.5	87.3	86.6	86.3	86.0	85.8	85.6	85.4	85.3
6300	81.4	81.0	80.2	79.8	79.5	79.3	79.1	78.9	78.7
8000	72.5	72.0	71.2	70.7	70.4	70.1	69.9	69.7	69.5
10000	62.2	61.6	60.7	60.1	59.8	59.5	59.2	59.0	58.8

7.4 One-third octave band level E-138 EP3 E2-ST-111-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 80: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.9	51.3	53.2	54.7	55.3	55.8	56.1	56.5	57.0	<i>57.0</i>
25	54.7	57.3	59.3	60.9	61.6	62.0	62.3	62.8	63.3	63.3
31.5	59.8	62.5	64.6	66.3	67.0	67.5	67.9	68.3	68.8	68.8
40	64.1	67.0	69.3	71.1	71.8	72.3	72.7	73.2	73.7	73.7
50	67.9	70.9	73.3	75.2	75.9	76.4	76.8	77.3	77.9	77.9
63	71.2	74.3	76.7	78.7	79.5	80.0	80.4	80.9	81.5	<i>81.5</i>
80	74.0	77.1	79.6	81.6	82.5	83.0	83.4	84.0	84.5	84.6
100	76.0	79.2	81.7	83.8	84.7	85.2	85.7	86.2	86.8	86.8
125	77.1	80.3	82.9	85.0	85.8	86.4	86.9	87.4	88.0	87.9
160	77.9	81.1	83.7	85.8	86.7	87.2	87.7	88.3	88.8	88.7
200	78.8	82.0	84.5	86.7	87.6	88.2	88.7	89.2	89.7	89.5
250	79.9	83.1	85.7	87.8	88.8	89.4	89.9	90.5	90.9	90.7
315	80.8	84.1	86.7	88.9	89.8	90.4	90.9	91.5	91.9	91.6
400	81.4	84.8	87.5	89.7	90.7	91.3	91.8	92.4	92.8	92.5
500	81.6	85.2	88.0	90.3	91.2	91.8	92.3	92.9	93.4	93.2
630	81.7	85.3	88.2	90.5	91.5	92.1	92.6	93.2	93.7	93.7
800	81.9	85.5	88.4	90.8	91.7	92.3	92.8	93.4	94.0	94.0
1000	82.4	86.0	88.9	91.3	92.2	92.8	93.3	93.9	94.5	94.7
1250	82.9	86.6	89.5	92.0	92.9	93.4	93.9	94.5	95.2	95.4
1600	83.4	87.1	90.0	92.5	93.4	93.9	94.4	94.9	95.7	96.0
2000	82.8	86.6	89.6	92.1	92.9	93.4	93.9	94.4	95.2	95.7
2500	81.6	85.5	88.5	90.9	91.8	92.3	92.7	93.3	94.1	94.7
3150	79.9	83.7	86.8	89.3	90.1	90.5	90.9	91.5	92.4	93.1
4000	77.1	81.0	84.1	86.6	87.4	87.8	88.2	88.8	89.8	90.7
5000	72.8	76.8	80.0	82.6	83.4	83.8	84.2	84.8	85.9	86.7
6300	66.1	70.3	73.6	76.3	77.1	77.6	78.0	78.6	79.7	80.3
8000	56.5	60.7	64.1	66.8	67.8	68.3	68.7	69.3	70.4	70.9
10000	45.1	49.3	52.7	55.5	56.4	57.0	57.5	58.1	59.1	59.5

Tab. 81: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.9	56.6	56.5	56.4	56.3	56.3	56.3	56.2	56.2
25	63.2	62.9	62.7	62.6	62.6	62.5	62.5	62.5	62.5
31.5	68.7	68.5	68.3	68.2	68.1	68.1	68.1	68.0	68.0
40	73.6	73.3	73.2	73.0	73.0	72.9	72.9	72.9	72.9
50	77.8	77.5	77.4	77.2	77.2	77.1	77.1	77.1	77.1
63	81.4	81.1	80.9	80.8	80.8	80.7	80.7	80.7	80.7
80	84.4	84.2	84.0	83.9	83.8	83.8	83.7	83.7	83.7
100	86.6	86.3	86.1	86.0	86.0	85.9	85.9	85.9	85.9
125	87.7	87.4	87.1	87.0	86.9	86.9	86.9	86.9	86.9
160	88.4	88.0	87.7	87.6	87.5	87.5	87.5	87.5	87.5
200	89.2	88.8	88.4	88.3	88.2	88.2	88.2	88.2	88.2
250	90.3	89.9	89.5	89.3	89.3	89.2	89.2	89.2	89.2
315	91.3	90.8	90.5	90.3	90.2	90.2	90.2	90.2	90.2
400	92.2	91.7	91.4	91.2	91.1	91.1	91.1	91.1	91.2
500	92.9	92.5	92.2	92.0	92.0	92.0	92.0	92.1	92.1
630	93.5	93.1	92.9	92.8	92.8	92.9	93.0	93.0	93.1
800	94.0	93.8	93.6	93.7	93.7	93.8	94.0	94.1	94.2
1000	94.7	94.6	94.6	94.7	94.8	95.0	95.1	95.2	95.4
1250	95.5	95.5	95.7	95.9	96.0	96.2	96.3	96.4	96.4
1600	96.2	96.4	96.7	96.9	97.0	97.1	97.1	97.1	97.1
2000	95.9	96.3	96.7	96.7	96.7	96.7	96.6	96.5	96.4
2500	95.0	95.5	95.7	95.6	95.4	95.2	95.1	95.0	94.9
3150	93.5	93.9	93.8	93.5	93.2	93.1	92.9	92.8	92.7
4000	91.0	90.9	90.5	90.2	90.0	89.8	89.6	89.5	89.3
5000	86.9	86.4	85.9	85.5	85.2	85.0	84.9	84.7	84.6
6300	80.3	79.6	79.0	78.6	78.3	78.1	77.9	77.7	77.5
8000	70.6	69.9	69.2	68.8	68.5	68.2	68.0	67.8	67.6
10000	59.2	58.4	57.7	57.2	56.8	56.5	56.3	56.1	55.9

7.5 One-third octave band level E-138 EP3 E2-ST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 82: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.4	51.8	53.7	55.0	55.6	56.0	56.4	56.9	57.2	57.1
25	55.3	57.8	59.8	61.2	61.8	62.3	62.6	63.1	63.5	63.4
31.5	60.3	63.0	65.1	66.7	67.3	67.8	68.2	68.7	69.1	69.0
40	64.7	67.5	69.8	71.5	72.1	72.6	73.0	73.5	73.9	73.8
50	68.5	71.4	73.8	75.5	76.2	76.7	77.2	77.7	78.1	78.0
63	71.8	74.8	77.2	79.0	79.7	80.3	80.7	81.3	81.7	81.6
80	74.6	77.7	80.2	82.0	82.7	83.3	83.8	84.3	84.8	84.7
100	76.7	79.8	82.3	84.2	85.0	85.5	86.0	86.6	87.0	86.9
125	77.8	80.9	83.4	85.3	86.1	86.7	87.2	87.8	88.2	88.0
160	78.6	81.7	84.2	86.2	86.9	87.5	88.0	88.6	89.0	88.7
200	79.4	82.5	85.1	87.0	87.8	88.4	89.0	89.6	89.9	89.6
250	80.5	83.7	86.3	88.2	89.0	89.6	90.2	90.8	91.0	90.7
315	81.4	84.6	87.3	89.2	90.0	90.6	91.2	91.8	92.0	91.7
400	82.0	85.3	88.1	90.1	90.9	91.5	92.1	92.7	92.9	92.6
500	82.2	85.7	88.5	90.6	91.4	92.0	92.6	93.2	93.5	93.2
630	82.3	85.8	88.7	90.9	91.7	92.2	92.8	93.5	93.9	93.7
800	82.5	86.0	89.0	91.1	91.9	92.5	93.0	93.7	94.2	94.1
1000	83.0	86.5	89.4	91.6	92.4	92.9	93.5	94.1	94.7	94.7
1250	83.5	87.1	90.1	92.2	93.0	93.5	94.1	94.7	95.4	95.5
1600	83.9	87.5	90.5	92.7	93.5	94.0	94.5	95.1	95.9	96.1
2000	83.3	87.0	90.0	92.2	92.9	93.5	94.0	94.6	95.4	95.7
2500	82.1	85.7	88.8	91.0	91.7	92.2	92.7	93.3	94.2	94.6
3150	80.2	83.9	86.9	89.2	89.9	90.3	90.8	91.4	92.5	93.0
4000	77.1	80.9	84.0	86.3	86.9	87.4	87.8	88.5	89.6	90.2
5000	72.5	76.4	79.6	81.9	82.6	83.0	83.4	84.1	85.4	85.9
6300	65.2	69.3	72.6	75.0	75.7	76.2	76.6	77.3	78.6	78.9
8000	54.7	58.8	62.1	64.6	65.4	65.9	66.4	67.2	68.3	68.4
10000	41.9	46.0	49.4	51.9	52.8	53.3	53.8	54.6	55.6	55.7

Tab. 83: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.0	56.8	56.6	56.5	56.5	56.5	56.4	56.4	56.4
25	63.3	63.0	62.9	62.8	62.8	62.7	62.7	62.7	62.7
31.5	68.8	68.6	68.4	68.4	68.3	68.3	68.3	68.2	68.2
40	73.7	73.4	73.3	73.2	73.2	73.1	73.1	73.1	73.1
50	77.9	77.6	77.5	77.4	77.4	77.3	77.3	77.3	77.3
63	81.5	81.2	81.1	81.0	81.0	80.9	80.9	80.9	80.9
80	84.5	84.3	84.1	84.0	84.0	83.9	83.9	83.9	83.9
100	86.7	86.4	86.3	86.2	86.1	86.1	86.1	86.1	86.1
125	87.8	87.4	87.2	87.2	87.1	87.1	87.1	87.1	87.1
160	88.5	88.0	87.8	87.7	87.7	87.6	87.6	87.7	87.7
200	89.2	88.8	88.6	88.4	88.4	88.3	88.3	88.3	88.4
250	90.3	89.9	89.6	89.5	89.4	89.4	89.4	89.4	89.4
315	91.3	90.8	90.6	90.4	90.4	90.3	90.3	90.3	90.4
400	92.2	91.7	91.5	91.3	91.3	91.2	91.2	91.3	91.3
500	92.9	92.5	92.3	92.2	92.1	92.1	92.1	92.2	92.3
630	93.5	93.1	93.0	93.0	93.0	93.0	93.1	93.2	93.3
800	94.0	93.8	93.8	93.8	93.9	94.0	94.1	94.2	94.3
1000	94.7	94.6	94.7	94.9	95.0	95.1	95.3	95.4	95.5
1250	95.5	95.6	95.8	96.0	96.2	96.3	96.4	96.5	96.5
1600	96.2	96.5	96.8	97.0	97.1	97.1	97.1	97.1	97.1
2000	95.9	96.5	96.7	96.7	96.7	96.6	96.5	96.4	96.3
2500	95.0	95.5	95.5	95.4	95.2	95.0	94.9	94.8	94.7
3150	93.4	93.6	93.3	93.1	92.9	92.7	92.6	92.4	92.3
4000	90.6	90.3	89.8	89.6	89.3	89.2	89.0	88.9	88.7
5000	85.9	85.2	84.8	84.5	84.3	84.1	83.9	83.7	83.6
6300	78.6	77.8	77.3	77.0	76.7	76.5	76.3	76.1	76.0
8000	68.0	67.2	66.6	66.3	66.0	65.7	65.5	65.3	65.1
10000	55.3	54.3	53.7	53.3	53.0	52.7	52.4	52.2	52.0

7.6 One-third octave band level E-138 EP3 E2-ST-131-FB-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 84: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.4	51.8	53.7	55.0	55.6	56.0	56.4	56.9	57.2	57.1
25	55.3	57.8	59.8	61.2	61.8	62.3	62.6	63.1	63.5	63.4
31.5	60.3	63.0	65.1	66.7	67.3	67.8	68.2	68.7	69.1	69.0
40	64.7	67.5	69.8	71.5	72.1	72.6	73.0	73.5	73.9	73.8
50	68.5	71.4	73.8	75.5	76.2	76.7	77.2	77.7	78.1	78.0
63	71.8	74.8	77.2	79.0	79.7	80.3	80.7	81.3	81.7	81.6
80	74.6	77.7	80.2	82.0	82.7	83.3	83.8	84.3	84.8	84.7
100	76.7	79.8	82.3	84.2	85.0	85.5	86.0	86.6	87.0	86.9
125	77.8	80.9	83.4	85.3	86.1	86.7	87.2	87.8	88.2	88.0
160	78.6	81.7	84.2	86.2	86.9	87.5	88.0	88.6	89.0	88.7
200	79.4	82.5	85.1	87.0	87.8	88.4	89.0	89.6	89.9	89.6
250	80.5	83.7	86.3	88.2	89.0	89.6	90.2	90.8	91.0	90.7
315	81.4	84.6	87.3	89.2	90.0	90.6	91.2	91.8	92.0	91.7
400	82.0	85.3	88.1	90.1	90.9	91.5	92.1	92.7	92.9	92.6
500	82.2	85.7	88.5	90.6	91.4	92.0	92.6	93.2	93.5	93.2
630	82.3	85.8	88.7	90.9	91.7	92.2	92.8	93.5	93.9	93.7
800	82.5	86.0	89.0	91.1	91.9	92.5	93.0	93.7	94.2	94.1
1000	83.0	86.5	89.4	91.6	92.4	92.9	93.5	94.1	94.7	94.7
1250	83.5	87.1	90.1	92.2	93.0	93.5	94.1	94.7	95.4	95.5
1600	83.9	87.5	90.5	92.7	93.5	94.0	94.5	95.1	95.9	96.1
2000	83.3	87.0	90.0	92.2	92.9	93.5	94.0	94.6	95.4	95.7
2500	82.1	85.7	88.8	91.0	91.7	92.2	92.7	93.3	94.2	94.6
3150	80.2	83.9	86.9	89.2	89.9	90.3	90.8	91.4	92.5	93.0
4000	77.1	80.9	84.0	86.3	86.9	87.4	87.8	88.5	89.6	90.2
5000	72.5	76.4	79.6	81.9	82.6	83.0	83.4	84.1	85.4	85.9
6300	65.2	69.3	72.6	75.0	75.7	76.2	76.6	77.3	78.6	78.9
8000	54.7	58.8	62.1	64.6	65.4	65.9	66.4	67.2	68.3	68.4
10000	41.9	46.0	49.4	51.9	52.8	53.3	53.8	54.6	55.6	55.7

Tab. 85: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.0	56.8	56.6	56.5	56.5	56.5	56.4	56.4	56.4
25	63.3	63.0	62.9	62.8	62.8	62.7	62.7	62.7	62.7
31.5	68.8	68.6	68.4	68.4	68.3	68.3	68.3	68.2	68.2
40	73.7	73.4	73.3	73.2	73.2	73.1	73.1	73.1	73.1
50	77.9	77.6	77.5	77.4	77.4	77.3	77.3	77.3	77.3
63	81.5	81.2	81.1	81.0	81.0	80.9	80.9	80.9	80.9
80	84.5	84.3	84.1	84.0	84.0	83.9	83.9	83.9	83.9
100	86.7	86.4	86.3	86.2	86.1	86.1	86.1	86.1	86.1
125	87.8	87.4	87.2	87.2	87.1	87.1	87.1	87.1	87.1
160	88.5	88.0	87.8	87.7	87.7	87.6	87.6	87.7	87.7
200	89.2	88.8	88.6	88.4	88.4	88.3	88.3	88.3	88.4
250	90.3	89.9	89.6	89.5	89.4	89.4	89.4	89.4	89.4
315	91.3	90.8	90.6	90.4	90.4	90.3	90.3	90.3	90.4
400	92.2	91.7	91.5	91.3	91.3	91.2	91.2	91.3	91.3
500	92.9	92.5	92.3	92.2	92.1	92.1	92.1	92.2	92.3
630	93.5	93.1	93.0	93.0	93.0	93.0	93.1	93.2	93.3
800	94.0	93.8	93.8	93.8	93.9	94.0	94.1	94.2	94.3
1000	94.7	94.6	94.7	94.9	95.0	95.1	95.3	95.4	95.5
1250	95.5	95.6	95.8	96.0	96.2	96.3	96.4	96.5	96.5
1600	96.2	96.5	96.8	97.0	97.1	97.1	97.1	97.1	97.1
2000	95.9	96.5	96.7	96.7	96.7	96.6	96.5	96.4	96.3
2500	95.0	95.5	95.5	95.4	95.2	95.0	94.9	94.8	94.7
3150	93.4	93.6	93.3	93.1	92.9	92.7	92.6	92.4	92.3
4000	90.6	90.3	89.8	89.6	89.3	89.2	89.0	88.9	88.7
5000	85.9	85.2	84.8	84.5	84.3	84.1	83.9	83.7	83.6
6300	78.6	77.8	77.3	77.0	76.7	76.5	76.3	76.1	76.0
8000	68.0	67.2	66.6	66.3	66.0	65.7	65.5	65.3	65.1
10000	55.3	54.3	53.7	53.3	53.0	52.7	52.4	52.2	52.0

7.7 One-third octave band level E-138 EP3 E2-HST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 86: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.4	51.8	53.7	55.0	55.6	56.0	56.4	56.9	57.2	57.1
25	55.3	57.8	59.8	61.2	61.8	62.3	62.6	63.1	63.5	63.4
31.5	60.3	63.0	65.1	66.7	67.3	67.8	68.2	68.7	69.1	69.0
40	64.7	67.5	69.8	71.5	72.1	72.6	73.0	73.5	73.9	73.8
50	68.5	71.4	73.8	75.5	76.2	76.7	77.2	77.7	78.1	78.0
63	71.8	74.8	77.2	79.0	79.7	80.3	80.7	81.3	81.7	81.6
80	74.6	77.7	80.2	82.0	82.7	83.3	83.8	84.3	84.8	84.7
100	76.7	79.8	82.3	84.2	85.0	85.5	86.0	86.6	87.0	86.9
125	77.8	80.9	83.4	85.3	86.1	86.7	87.2	87.8	88.2	88.0
160	78.6	81.7	84.2	86.2	86.9	87.5	88.0	88.6	89.0	88.7
200	79.4	82.5	85.1	87.0	87.8	88.4	89.0	89.6	89.9	89.6
250	80.5	83.7	86.3	88.2	89.0	89.6	90.2	90.8	91.0	90.7
315	81.4	84.6	87.3	89.2	90.0	90.6	91.2	91.8	92.0	91.7
400	82.0	85.3	88.1	90.1	90.9	91.5	92.1	92.7	92.9	92.6
500	82.2	85.7	88.5	90.6	91.4	92.0	92.6	93.2	93.5	93.2
630	82.3	85.8	88.7	90.9	91.7	92.2	92.8	93.5	93.9	93.7
800	82.5	86.0	89.0	91.1	91.9	92.5	93.0	93.7	94.2	94.1
1000	83.0	86.5	89.4	91.6	92.4	92.9	93.5	94.1	94.7	94.7
1250	83.5	87.1	90.1	92.2	93.0	93.5	94.1	94.7	95.4	95.5
1600	83.9	87.5	90.5	92.7	93.5	94.0	94.5	95.1	95.9	96.1
2000	83.3	87.0	90.0	92.2	92.9	93.5	94.0	94.6	95.4	95.7
2500	82.1	85.7	88.8	91.0	91.7	92.2	92.7	93.3	94.2	94.6
3150	80.2	83.9	86.9	89.2	89.9	90.3	90.8	91.4	92.5	93.0
4000	77.1	80.9	84.0	86.3	86.9	87.4	87.8	88.5	89.6	90.2
5000	72.5	76.4	79.6	81.9	82.6	83.0	83.4	84.1	85.4	85.9
6300	65.2	69.3	72.6	75.0	75.7	76.2	76.6	77.3	78.6	78.9
8000	54.7	58.8	62.1	64.6	65.4	65.9	66.4	67.2	68.3	68.4
10000	41.9	46.0	49.4	51.9	52.8	53.3	53.8	54.6	55.6	55.7

Tab. 87: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.0	56.8	56.6	56.5	56.5	56.5	56.4	56.4	56.4
25	63.3	63.0	62.9	62.8	62.8	62.7	62.7	62.7	62.7
31.5	68.8	68.6	68.4	68.4	68.3	68.3	68.3	68.2	68.2
40	73.7	73.4	73.3	73.2	73.2	73.1	73.1	73.1	73.1
50	77.9	77.6	77.5	77.4	77.4	77.3	77.3	77.3	77.3
63	81.5	81.2	81.1	81.0	81.0	80.9	80.9	80.9	80.9
80	84.5	84.3	84.1	84.0	84.0	83.9	83.9	83.9	83.9
100	86.7	86.4	86.3	86.2	86.1	86.1	86.1	86.1	86.1
125	87.8	87.4	87.2	87.2	87.1	87.1	87.1	87.1	87.1
160	88.5	88.0	87.8	87.7	87.7	87.6	87.6	87.7	87.7
200	89.2	88.8	88.6	88.4	88.4	88.3	88.3	88.3	88.4
250	90.3	89.9	89.6	89.5	89.4	89.4	89.4	89.4	89.4
315	91.3	90.8	90.6	90.4	90.4	90.3	90.3	90.3	90.4
400	92.2	91.7	91.5	91.3	91.3	91.2	91.2	91.3	91.3
500	92.9	92.5	92.3	92.2	92.1	92.1	92.1	92.2	92.3
630	93.5	93.1	93.0	93.0	93.0	93.0	93.1	93.2	93.3
800	94.0	93.8	93.8	93.8	93.9	94.0	94.1	94.2	94.3
1000	94.7	94.6	94.7	94.9	95.0	95.1	95.3	95.4	95.5
1250	95.5	95.6	95.8	96.0	96.2	96.3	96.4	96.5	96.5
1600	96.2	96.5	96.8	97.0	97.1	97.1	97.1	97.1	97.1
2000	95.9	96.5	96.7	96.7	96.7	96.6	96.5	96.4	96.3
2500	95.0	95.5	95.5	95.4	95.2	95.0	94.9	94.8	94.7
3150	93.4	93.6	93.3	93.1	92.9	92.7	92.6	92.4	92.3
4000	90.6	90.3	89.8	89.6	89.3	89.2	89.0	88.9	88.7
5000	85.9	85.2	84.8	84.5	84.3	84.1	83.9	83.7	83.6
6300	78.6	77.8	77.3	77.0	76.7	76.5	76.3	76.1	76.0
8000	68.0	67.2	66.6	66.3	66.0	65.7	65.5	65.3	65.1
10000	55.3	54.3	53.7	53.3	53.0	52.7	52.4	52.2	52.0

7.8 One-third octave band level E-138 EP3 E2-HT-149-ES-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 88: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.9	52.1	54.1	55.3	55.8	56.2	56.6	57.2	57.4	57.3
25	55.7	58.1	60.2	61.5	62.0	62.5	62.9	63.5	63.7	63.6
31.5	60.8	63.4	65.6	67.0	67.5	68.0	68.4	69.0	69.2	69.1
40	65.2	67.9	70.2	71.8	72.3	72.8	73.2	73.8	74.1	74.0
50	69.0	71.9	74.3	75.9	76.4	76.9	77.4	78.0	78.3	78.2
63	72.3	75.2	77.7	79.4	80.0	80.5	81.0	81.6	81.9	81.8
80	75.1	78.1	80.6	82.3	83.0	83.5	84.0	84.6	85.0	84.9
100	77.2	80.2	82.8	84.5	85.2	85.7	86.2	86.9	87.2	87.1
125	78.3	81.3	83.9	85.7	86.3	86.9	87.4	88.1	88.3	88.1
160	79.1	82.1	84.7	86.5	87.2	87.7	88.3	88.9	89.1	88.8
200	79.9	83.0	85.6	87.3	88.1	88.6	89.2	89.8	90.0	89.6
250	81.0	84.1	86.7	88.5	89.2	89.8	90.4	91.0	91.1	90.8
315	81.9	85.0	87.7	89.5	90.3	90.8	91.4	92.0	92.1	91.7
400	82.5	85.8	88.5	90.4	91.1	91.7	92.3	92.9	93.0	92.6
500	82.7	86.1	89.0	90.9	91.6	92.2	92.8	93.4	93.6	93.3
630	82.8	86.3	89.2	91.1	91.9	92.4	93.0	93.7	94.0	93.7
800	83.0	86.4	89.4	91.4	92.1	92.6	93.2	93.9	94.3	94.2
1000	83.4	86.9	89.9	91.8	92.5	93.1	93.6	94.3	94.8	94.8
1250	84.0	87.5	90.5	92.4	93.1	93.6	94.2	94.9	95.5	95.6
1600	84.3	87.9	90.9	92.9	93.5	94.0	94.6	95.3	96.0	96.1
2000	83.7	87.3	90.3	92.3	92.9	93.5	94.0	94.7	95.5	95.7
2500	82.3	85.9	89.0	91.0	91.6	92.1	92.6	93.4	94.2	94.6
3150	80.3	83.9	87.0	89.0	89.6	90.1	90.6	91.4	92.4	92.8
4000	77.0	80.8	83.9	85.9	86.5	86.9	87.4	88.2	89.4	89.8
5000	72.1	75.9	79.2	81.2	81.8	82.2	82.6	83.5	84.8	85.1
6300	64.3	68.3	71.6	73.8	74.4	74.9	75.3	76.2	77.4	77.5
8000	52.9	56.9	60.4	62.6	63.3	63.8	64.3	65.2	66.2	66.1
10000	39.0	43.0	46.4	48.7	49.4	50.0	50.5	51.4	52.3	52.2

Tab. 89: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.1	56.9	56.7	56.7	56.6	56.6	56.6	56.6	56.6
25	63.4	63.1	63.0	62.9	62.9	62.9	62.8	62.9	62.9
31.5	69.0	68.7	68.6	68.5	68.5	68.4	68.4	68.4	68.4
40	73.8	73.5	73.4	73.4	73.3	73.3	73.2	73.3	73.3
50	78.0	77.7	77.6	77.6	77.5	77.5	77.4	77.5	77.5
63	81.6	81.3	81.2	81.1	81.1	81.1	81.0	81.0	81.1
80	84.7	84.4	84.2	84.2	84.1	84.1	84.1	84.1	84.1
100	86.8	86.5	86.4	86.3	86.3	86.3	86.2	86.2	86.2
125	87.9	87.5	87.4	87.3	87.2	87.2	87.2	87.2	87.2
160	88.5	88.1	87.9	87.9	87.8	87.8	87.8	87.8	87.8
200	89.3	88.9	88.6	88.6	88.5	88.5	88.5	88.5	88.5
250	90.4	89.9	89.7	89.6	89.5	89.5	89.5	89.6	89.5
315	91.3	90.9	90.6	90.5	90.4	90.4	90.4	90.5	90.5
400	92.2	91.7	91.5	91.4	91.3	91.3	91.4	91.4	91.4
500	92.9	92.5	92.3	92.3	92.2	92.2	92.3	92.4	92.4
630	93.5	93.2	93.1	93.1	93.1	93.1	93.2	93.3	93.4
800	94.0	93.9	93.8	93.9	94.0	94.1	94.2	94.3	94.4
1000	94.8	94.7	94.8	95.0	95.1	95.2	95.4	95.5	95.6
1250	95.6	95.7	95.9	96.1	96.3	96.4	96.5	96.5	96.6
1600	96.3	96.6	96.9	97.0	97.1	97.1	97.1	97.1	97.0
2000	96.0	96.5	96.6	96.7	96.6	96.5	96.4	96.3	96.2
2500	95.0	95.4	95.3	95.2	95.0	94.9	94.7	94.6	94.5
3150	93.2	93.3	93.0	92.8	92.5	92.4	92.2	92.1	92.0
4000	90.1	89.6	89.2	89.0	88.8	88.6	88.4	88.3	88.2
5000	85.0	84.3	83.8	83.6	83.4	83.2	83.0	82.8	82.7
6300	77.1	76.3	75.8	75.6	75.3	75.1	74.9	74.7	74.6
8000	65.7	64.8	64.3	63.9	63.7	63.4	63.2	63.0	62.8
10000	51.7	50.7	50.1	49.8	49.4	49.2	48.9	48.7	48.5

7.9 One-third octave band level E-138 EP3 E2-HT-160-ES-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 90: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	50.1	52.3	54.2	55.5	55.9	56.3	56.7	57.3	57.5	57.4
25	55.9	58.3	60.4	61.7	62.2	62.6	63.0	63.6	63.8	63.6
31.5	61.0	63.6	65.8	67.2	67.7	68.1	68.5	69.1	69.3	69.2
40	65.5	68.2	70.4	71.9	72.4	72.9	73.4	74.0	74.2	74.1
50	69.3	72.1	74.5	76.0	76.6	77.0	77.5	78.1	78.4	78.3
63	72.6	75.5	77.9	79.5	80.1	80.6	81.1	81.7	82.0	81.8
80	75.4	78.3	80.9	82.5	83.1	83.6	84.1	84.8	85.0	84.9
100	77.4	80.4	83.0	84.7	85.3	85.8	86.4	87.0	87.3	87.1
125	78.5	81.6	84.1	85.8	86.5	87.0	87.6	88.2	88.4	88.2
160	79.3	82.3	84.9	86.6	87.3	87.8	88.4	89.1	89.2	88.9
200	80.1	83.2	85.8	87.5	88.2	88.8	89.4	90.0	90.0	89.7
250	81.2	84.3	86.9	88.7	89.3	89.9	90.6	91.2	91.2	90.8
315	82.1	85.3	87.9	89.7	90.3	91.0	91.6	92.2	92.1	91.7
400	82.7	86.0	88.7	90.5	91.2	91.8	92.4	93.0	93.0	92.6
500	83.0	86.4	89.2	91.0	91.7	92.3	92.9	93.6	93.6	93.3
630	83.0	86.5	89.4	91.3	91.9	92.5	93.1	93.8	94.0	93.8
800	83.2	86.7	89.6	91.5	92.1	92.7	93.3	94.0	94.3	94.2
1000	83.6	87.1	90.0	92.0	92.6	93.1	93.7	94.4	94.8	94.8
1250	84.2	87.7	90.6	92.6	93.2	93.7	94.3	95.0	95.5	95.6
1600	84.5	88.0	91.0	93.0	93.6	94.1	94.6	95.4	96.0	96.1
2000	83.9	87.4	90.4	92.4	92.9	93.5	94.0	94.7	95.5	95.7
2500	82.4	86.0	89.1	91.0	91.6	92.1	92.6	93.4	94.2	94.5
3150	80.3	83.9	87.0	89.0	89.5	89.9	90.5	91.3	92.2	92.7
4000	76.9	80.6	83.8	85.7	86.2	86.6	87.1	88.0	89.1	89.6
5000	71.8	75.6	78.8	80.8	81.3	81.7	82.2	83.1	84.3	84.6
6300	63.7	67.6	71.0	73.1	73.6	74.0	74.5	75.5	76.6	76.6
8000	51.8	55.8	59.2	61.3	62.0	62.5	63.0	63.9	64.8	64.7
10000	37.1	41.1	44.5	46.7	47.4	47.9	48.5	49.4	50.2	50.1

Tab. 91: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	57.2	57.0	56.8	56.8	56.7	56.7	56.7	56.7	56.7
25	63.4	63.2	63.1	63.0	63.0	63.0	62.9	62.9	63.0
31.5	69.0	68.8	68.7	68.6	68.6	68.5	68.5	68.5	68.5
40	73.9	73.6	73.5	73.4	73.4	73.4	73.3	73.4	73.4
50	78.1	77.8	77.7	77.6	77.6	77.6	77.5	77.6	77.6
63	81.7	81.4	81.3	81.2	81.2	81.1	81.1	81.1	81.2
80	84.7	84.5	84.3	84.3	84.2	84.2	84.2	84.2	84.2
100	86.9	86.6	86.5	86.4	86.4	86.3	86.3	86.3	86.3
125	87.9	87.6	87.4	87.4	87.3	87.3	87.3	87.3	87.3
160	88.6	88.2	88.0	87.9	87.9	87.9	87.9	87.9	87.9
200	89.3	88.9	88.7	88.6	88.6	88.6	88.6	88.6	88.6
250	90.4	90.0	89.8	89.7	89.6	89.6	89.6	89.6	89.6
315	91.3	90.9	90.7	90.6	90.5	90.5	90.5	90.5	90.6
400	92.2	91.8	91.6	91.5	91.4	91.4	91.4	91.5	91.5
500	92.9	92.5	92.4	92.3	92.2	92.3	92.3	92.4	92.5
630	93.5	93.2	93.1	93.1	93.1	93.2	93.3	93.4	93.5
800	94.1	93.9	93.9	94.0	94.0	94.2	94.3	94.4	94.5
1000	94.8	94.8	94.9	95.0	95.1	95.3	95.4	95.5	95.6
1250	95.6	95.8	96.0	96.2	96.3	96.4	96.5	96.6	96.6
1600	96.3	96.7	96.9	97.0	97.1	97.1	97.1	97.1	97.0
2000	96.0	96.5	96.6	96.6	96.6	96.5	96.3	96.2	96.1
2500	95.0	95.3	95.2	95.1	94.9	94.7	94.6	94.5	94.4
3150	93.1	93.1	92.8	92.5	92.3	92.2	92.0	91.9	91.8
4000	89.7	89.3	88.9	88.6	88.4	88.2	88.1	88.0	87.9
5000	84.4	83.7	83.3	83.0	82.8	82.6	82.4	82.3	82.2
6300	76.1	75.4	75.0	74.7	74.4	74.2	74.0	73.9	73.7
8000	64.1	63.3	62.9	62.5	62.3	62.0	61.8	61.6	61.5
10000	49.4	48.5	48.0	47.6	47.3	47.0	46.7	46.5	46.4

8 Operating mode 3000 kW s

8.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 92: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre freq. in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	51.3	52.6	53.8	54.8	55.5	55.7	55.9	56.4	56.8	<i>57.0</i>	57.0
25	57.2	58.6	59.9	61.0	61.7	61.9	62.2	62.7	63.1	63.3	63.3
31.5	62.4	63.9	65.3	66.5	67.1	67.4	67.7	68.2	68.6	68.9	68.8
40	66.9	68.5	70.0	71.2	71.9	72.2	72.5	73.0	73.4	73.7	73.7
50	70.8	72.5	74.0	75.3	76.0	76.3	76.6	77.2	77.6	77.9	77.9
63	74.1	75.8	77.4	78.8	79.5	79.8	80.2	80.7	81.2	<i>81.5</i>	81.5
80	77.0	78.7	80.4	81.8	82.5	82.8	83.2	83.7	84.2	<i>84.6</i>	84.5
100	79.1	80.9	82.5	83.9	84.7	85.0	85.4	86.0	86.5	86.8	86.7
125	80.2	81.9	83.6	85.1	85.8	86.2	86.6	87.1	87.6	<i>88.0</i>	87.8
160	81.0	82.7	84.4	85.8	86.6	87.0	87.4	88.0	88.5	88.8	88.6
200	81.8	83.6	85.3	86.7	87.5	87.9	88.3	88.9	89.4	<i>89.8</i>	89.4
250	82.9	84.7	86.5	87.9	88.7	89.1	89.5	90.1	90.6	<i>90.9</i>	90.6
315	83.9	85.7	87.5	88.9	89.7	90.1	90.5	91.1	91.7	<i>92.0</i>	91.6
400	84.6	86.5	88.3	89.8	90.6	90.9	91.4	92.0	92.5	92.8	92.5
500	84.9	86.9	88.8	90.3	91.1	91.5	91.9	92.5	93.1	93.4	93.1
630	85.0	87.0	89.0	90.5	91.4	91.7	92.1	92.8	93.3	93.7	93.5
800	85.2	87.2	89.2	90.8	91.6	91.9	92.4	93.0	93.5	<i>94.0</i>	93.9
1000	85.7	87.7	89.7	91.3	92.1	92.4	92.8	93.4	93.9	<i>94.4</i>	94.4
1250	86.3	88.3	90.3	92.0	92.8	93.1	93.4	94.0	94.5	<i>95.1</i>	95.1
1600	86.7	88.8	90.7	92.4	93.2	93.5	93.9	94.5	95.0	<i>95.5</i>	95.7
2000	86.2	88.3	90.2	91.9	92.7	93.0	93.4	93.9	94.4	<i>95.0</i>	95.3
2500	84.9	87.0	89.0	90.7	91.5	91.8	92.1	92.7	93.1	93.8	94.1
3150	83.0	85.2	87.2	88.9	89.7	89.9	90.2	90.8	91.2	<i>92.0</i>	92.4
4000	80.1	82.2	84.3	86.0	86.8	87.0	87.3	87.8	88.2	<i>89.1</i>	89.7
5000	75.5	77.8	79.8	81.6	82.4	82.6	82.9	83.4	83.8	<i>84.8</i>	85.4
6300	68.4	70.7	72.8	74.7	75.5	75.8	76.1	76.6	77.0	<i>78.0</i>	78.5
8000	57.8	60.2	62.4	64.3	65.2	65.5	65.8	66.4	66.9	<i>67.8</i>	68.0

One-third octave band level centre freq. in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	45.1	47.5	49.7	51.6	52.5	52.8	53.2	53.8	54.3	55.2	55.3

Tab. 93: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	57.0	56.9	56.6	56.5	56.4	56.4	56.3	56.3	56.3	56.3
25	63.2	63.1	62.9	62.8	62.7	62.7	62.6	62.6	62.6	62.5
31.5	68.8	68.7	68.4	68.3	68.2	68.2	68.1	68.1	68.1	68.1
40	73.6	73.5	73.3	73.2	73.1	73.0	73.0	73.0	72.9	72.9
50	77.8	77.7	77.5	77.3	77.3	77.2	77.1	77.1	77.1	77.1
63	81.4	81.3	81.0	80.9	80.8	80.8	80.7	80.7	80.7	80.7
80	84.4	84.3	84.1	83.9	83.9	83.8	83.7	83.7	83.7	83.7
100	86.6	86.5	86.2	86.1	86.0	85.9	85.9	85.9	85.9	85.8
125	87.7	87.5	87.2	87.1	87.0	86.9	86.8	86.8	86.8	86.8
160	88.4	88.2	87.9	87.7	87.6	87.5	87.4	87.4	87.4	87.4
200	89.2	89.0	88.6	88.4	88.3	88.2	88.2	88.1	88.1	88.1
250	90.3	90.1	89.7	89.5	89.4	89.2	89.2	89.2	89.1	89.1
315	91.3	91.0	90.7	90.4	90.3	90.2	90.1	90.1	90.1	90.1
400	92.2	91.9	91.6	91.3	91.2	91.1	91.1	91.0	91.0	91.0
500	92.9	92.7	92.3	92.1	92.0	91.9	91.9	91.9	91.9	91.9
630	93.4	93.2	93.0	92.8	92.7	92.7	92.7	92.7	92.8	92.8
800	93.8	93.7	93.5	93.5	93.5	93.5	93.6	93.6	93.7	93.8
1000	94.4	94.4	94.3	94.3	94.4	94.5	94.6	94.7	94.8	94.9
1250	95.2	95.2	95.3	95.4	95.5	95.7	95.8	95.9	96.0	96.0
1600	95.8	95.9	96.1	96.3	96.5	96.6	96.7	96.8	96.8	96.8
2000	95.4	95.6	96.0	96.2	96.4	96.4	96.4	96.3	96.3	96.2
2500	94.4	94.6	95.1	95.2	95.2	95.1	94.9	94.8	94.7	94.6
3150	92.7	93.0	93.3	93.2	93.0	92.8	92.6	92.5	92.4	92.3
4000	90.0	90.2	90.1	89.7	89.5	89.3	89.1	88.9	88.8	88.7
5000	85.6	85.6	85.1	84.7	84.4	84.2	84.0	83.9	83.7	83.6
6300	78.5	78.3	77.7	77.2	76.9	76.7	76.5	76.3	76.2	76.0
8000	68.0	67.7	67.0	66.5	66.2	66.0	65.7	65.5	65.4	65.2
10000	55.3	55.0	54.2	53.7	53.3	53.0	52.7	52.5	52.3	52.1

8.2 One-third octave band level E-138 EP3 E2-ST-81-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 94: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.9	50.5	52.3	53.9	55.0	55.3	55.9	56.4	56.6	56.5
25	53.6	56.4	58.4	60.1	61.2	61.5	62.1	62.7	62.9	62.7
31.5	58.7	61.6	63.7	65.5	66.7	67.0	67.6	68.2	68.4	68.3
40	63.0	66.0	68.3	70.2	71.4	71.8	72.4	73.0	73.3	73.1
50	66.8	69.9	72.3	74.3	75.5	75.9	76.6	77.2	77.5	77.3
63	70.0	73.2	75.7	77.7	79.1	79.5	80.1	80.8	81.1	80.9
80	72.8	76.1	78.6	80.7	82.0	82.5	83.2	83.8	84.1	83.9
100	74.9	78.2	80.7	82.9	84.2	84.7	85.4	86.1	86.3	86.1
125	76.0	79.3	81.8	84.0	85.4	85.9	86.6	87.3	87.5	87.2
160	76.8	80.1	82.6	84.8	86.2	86.7	87.4	88.2	88.3	88.0
200	77.6	81.0	83.5	85.7	87.1	87.6	88.4	89.1	89.2	88.8
250	78.8	82.1	84.7	86.9	88.3	88.9	89.6	90.4	90.4	90.0
315	79.6	83.1	85.7	87.9	89.4	89.9	90.6	91.4	91.4	91.0
400	80.2	83.8	86.5	88.8	90.2	90.8	91.5	92.3	92.3	91.9
500	80.4	84.1	86.9	89.3	90.8	91.3	92.1	92.9	92.9	92.6
630	80.5	84.2	87.1	89.6	91.1	91.6	92.4	93.1	93.3	93.1
800	80.7	84.5	87.3	89.9	91.4	91.9	92.6	93.4	93.7	93.6
1000	81.2	85.0	87.9	90.4	91.9	92.4	93.1	93.9	94.2	94.2
1250	81.8	85.6	88.6	91.1	92.6	93.1	93.8	94.5	95.0	95.0
1600	82.3	86.1	89.1	91.7	93.2	93.6	94.3	95.1	95.6	95.7
2000	81.8	85.7	88.7	91.3	92.8	93.3	93.9	94.7	95.3	95.5
2500	80.8	84.7	87.7	90.3	91.8	92.2	92.9	93.6	94.4	94.7
3150	79.2	83.2	86.3	88.9	90.4	90.8	91.4	92.1	93.0	93.4
4000	76.7	80.8	84.0	86.6	88.1	88.4	89.1	89.7	90.8	91.3
5000	72.9	77.2	80.4	83.1	84.6	85.0	85.6	86.3	87.4	87.8
6300	67.1	71.4	74.8	77.6	79.2	79.6	80.2	80.9	82.0	82.2
8000	58.9	63.2	66.6	69.5	71.2	71.7	72.3	73.1	74.0	74.0
10000	49.5	53.8	57.2	60.2	61.9	62.4	63.1	63.8	64.7	64.6

Tab. 95: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.3	56.1	55.9	55.9	55.8	55.8	55.8	55.8	50.8
25	62.6	62.3	62.2	62.1	62.1	62.1	62.1	62.1	56.8
31.5	68.1	67.9	67.7	67.7	67.6	67.6	67.6	67.6	62.2
40	73.0	72.7	72.6	72.5	72.5	72.5	72.5	72.4	67.1
50	77.2	76.9	76.8	76.7	76.7	76.7	76.6	76.6	71.3
63	80.7	80.5	80.3	80.3	80.2	80.2	80.2	80.2	75.1
80	83.8	83.5	83.3	83.3	83.2	83.2	83.2	83.2	78.5
100	85.9	85.7	85.5	85.5	85.4	85.4	85.4	85.4	80.8
125	87.0	86.6	86.5	86.4	86.4	86.4	86.4	86.4	81.7
160	87.6	87.3	87.1	87.0	87.0	86.9	87.0	87.0	82.2
200	88.4	88.0	87.8	87.7	87.7	87.6	87.7	87.7	83.0
250	89.5	89.1	88.9	88.8	88.7	88.7	88.7	88.7	84.5
315	90.5	90.1	89.9	89.7	89.7	89.7	89.7	89.7	85.7
400	91.4	91.0	90.8	90.7	90.6	90.6	90.6	90.7	87.1
500	92.2	91.8	91.6	91.5	91.5	91.5	91.6	91.7	88.3
630	92.8	92.5	92.4	92.4	92.4	92.5	92.5	92.6	89.6
800	93.4	93.2	93.2	93.3	93.4	93.5	93.6	93.7	91.1
1000	94.2	94.1	94.2	94.3	94.5	94.6	94.8	94.9	93.1
1250	95.1	95.2	95.4	95.6	95.7	95.9	96.0	96.0	95.2
1600	95.9	96.2	96.5	96.6	96.7	96.8	96.8	96.7	97.1
2000	95.8	96.3	96.5	96.5	96.4	96.4	96.3	96.2	97.5
2500	95.1	95.5	95.5	95.4	95.2	95.1	94.9	94.8	96.9
3150	93.8	93.9	93.7	93.4	93.2	93.1	93.0	92.8	95.7
4000	91.5	91.1	90.8	90.5	90.3	90.2	90.0	89.9	93.6
5000	87.7	87.0	86.6	86.4	86.1	86.0	85.8	85.6	90.2
6300	81.8	81.0	80.6	80.3	80.0	79.8	79.7	79.5	85.0
8000	73.6	72.7	72.2	71.9	71.6	71.4	71.2	71.0	77.4
10000	64.1	63.2	62.6	62.3	61.9	61.7	61.4	61.2	68.7

8.3 One-third octave band level E-138 EP3 E2-ST-96-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 96: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.4	51.0	52.8	54.4	55.2	55.5	56.2	56.7	56.7	56.6
25	54.2	56.9	58.8	60.5	61.4	61.8	62.4	62.9	63.0	62.8
31.5	59.2	62.1	64.2	66.0	66.9	67.3	68.0	68.5	68.5	68.4
40	63.6	66.6	68.8	70.7	71.7	72.1	72.8	73.3	73.4	73.2
50	67.3	70.5	72.8	74.8	75.8	76.2	76.9	77.5	77.6	77.4
63	70.6	73.8	76.2	78.3	79.3	79.7	80.5	81.1	81.1	81.0
80	73.4	76.7	79.1	81.2	82.3	82.7	83.5	84.1	84.2	84.0
100	75.5	78.8	81.2	83.4	84.5	85.0	85.7	86.4	86.4	86.2
125	76.6	79.9	82.4	84.5	85.6	86.1	86.9	87.5	87.5	87.3
160	77.4	80.7	83.2	85.4	86.5	87.0	87.8	88.4	88.3	88.0
200	78.3	81.5	84.1	86.2	87.4	87.9	88.7	89.3	89.2	88.8
250	79.4	82.7	85.2	87.4	88.6	89.1	89.9	90.6	90.3	89.9
315	80.3	83.6	86.2	88.5	89.6	90.1	91.0	91.6	91.3	90.9
400	80.8	84.3	87.0	89.3	90.5	91.0	91.9	92.5	92.2	91.8
500	81.1	84.7	87.5	89.9	91.0	91.6	92.4	93.1	92.9	92.5
630	81.1	84.8	87.7	90.1	91.3	91.8	92.7	93.4	93.3	93.1
800	81.3	85.0	87.9	90.4	91.6	92.1	92.9	93.6	93.7	93.6
1000	81.8	85.6	88.4	90.9	92.1	92.6	93.4	94.1	94.3	94.3
1250	82.4	86.2	89.1	91.6	92.8	93.2	94.0	94.8	95.1	95.1
1600	82.8	86.7	89.6	92.2	93.3	93.8	94.6	95.3	95.7	95.8
2000	82.4	86.3	89.2	91.8	92.9	93.3	94.1	94.9	95.4	95.6
2500	81.2	85.2	88.1	90.7	91.8	92.3	93.0	93.8	94.4	94.7
3150	79.6	83.6	86.5	89.2	90.3	90.7	91.4	92.2	93.0	93.4
4000	76.9	81.0	84.0	86.7	87.8	88.1	88.8	89.7	90.6	91.0
5000	72.9	77.1	80.2	83.0	84.1	84.4	85.1	86.0	87.0	87.2
6300	66.6	71.0	74.2	77.0	78.2	78.6	79.3	80.2	81.1	81.0
8000	57.7	62.1	65.4	68.3	69.5	70.0	70.7	71.7	72.3	72.1
10000	47.3	51.7	55.0	57.9	59.2	59.7	60.5	61.4	61.9	61.7

Tab. 97: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.3	56.2	56.0	56.0	56.0	56.0	56.0	56.0	47.9
25	62.6	62.4	62.3	62.2	62.2	62.2	62.2	62.2	53.8
31.5	68.1	68.0	67.8	67.8	67.8	67.7	67.7	67.7	59.1
40	73.0	72.8	72.7	72.6	72.6	72.6	72.6	72.6	63.9
50	77.2	77.0	76.9	76.8	76.8	76.8	76.8	76.8	68.2
63	80.7	80.6	80.4	80.4	80.4	80.3	80.3	80.3	72.2
80	83.8	83.6	83.5	83.4	83.4	83.4	83.4	83.4	75.7
100	85.9	85.7	85.6	85.6	85.5	85.5	85.5	85.5	77.9
125	87.0	86.7	86.6	86.5	86.5	86.5	86.5	86.5	78.0
160	87.6	87.3	87.2	87.1	87.1	87.1	87.1	87.1	77.8
200	88.4	88.1	87.9	87.8	87.8	87.8	87.8	87.8	78.2
250	89.5	89.1	89.0	88.9	88.9	88.9	88.9	88.9	79.7
315	90.5	90.1	89.9	89.9	89.8	89.8	89.8	89.8	81.1
400	91.4	91.0	90.9	90.8	90.7	90.8	90.8	90.8	82.6
500	92.1	91.8	91.7	91.7	91.6	91.7	91.7	91.8	84.0
630	92.8	92.6	92.5	92.5	92.5	92.6	92.7	92.8	85.6
800	93.4	93.3	93.3	93.4	93.5	93.6	93.7	93.8	87.4
1000	94.2	94.2	94.3	94.5	94.6	94.8	94.9	95.0	90.3
1250	95.1	95.3	95.5	95.7	95.8	96.0	96.0	96.1	93.7
1600	96.0	96.4	96.6	96.7	96.8	96.8	96.8	96.7	97.0
2000	96.0	96.4	96.4	96.4	96.4	96.3	96.2	96.1	98.0
2500	95.2	95.4	95.3	95.2	95.0	94.9	94.8	94.6	97.8
3150	93.8	93.6	93.3	93.1	93.0	92.8	92.7	92.5	97.0
4000	91.0	90.6	90.2	90.0	89.8	89.7	89.5	89.4	95.2
5000	86.7	86.2	85.8	85.6	85.4	85.2	85.0	84.9	92.1
6300	80.4	79.7	79.3	79.1	78.9	78.6	78.5	78.3	87.0
8000	71.4	70.7	70.3	69.9	69.7	69.5	69.3	69.1	79.3
10000	60.9	60.2	59.7	59.3	59.0	58.7	58.5	58.3	70.1

8.4 One-third octave band level E-138 EP3 E2-ST-111-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 98: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.9	51.3	53.2	54.7	55.3	55.8	56.4	56.9	<i>56.8</i>	56.7
25	54.7	57.3	59.3	60.9	61.6	62.0	62.7	63.1	<i>63.1</i>	63.0
31.5	59.8	62.5	64.6	66.3	67.0	67.5	68.2	68.7	<i>68.6</i>	68.5
40	64.1	67.0	69.3	71.1	71.8	72.3	73.0	73.6	<i>73.5</i>	73.3
50	67.9	70.9	73.3	75.2	75.9	76.4	77.2	77.7	<i>77.7</i>	77.5
63	71.2	74.3	76.7	78.7	79.5	80.0	80.7	81.3	<i>81.3</i>	81.1
80	74.0	77.1	79.6	81.6	82.5	83.0	83.8	84.4	<i>84.3</i>	84.1
100	76.0	79.2	81.7	83.8	84.7	85.2	86.0	86.6	<i>86.5</i>	86.3
125	77.1	80.3	82.9	85.0	85.8	86.4	87.2	87.8	<i>87.6</i>	87.4
160	77.9	81.1	83.7	85.8	86.7	87.2	88.1	88.6	<i>88.4</i>	88.1
200	78.8	82.0	84.5	86.7	87.6	88.2	89.0	89.5	<i>89.2</i>	88.9
250	79.9	83.1	85.7	87.8	88.8	89.4	90.2	90.7	<i>90.4</i>	90.0
315	80.8	84.1	86.7	88.9	89.8	90.4	91.3	91.8	<i>91.4</i>	91.0
400	81.4	84.8	87.5	89.7	90.7	91.3	92.1	92.7	<i>92.2</i>	91.9
500	81.6	85.2	88.0	90.3	91.2	91.8	92.7	93.2	<i>92.9</i>	92.6
630	81.7	85.3	88.2	90.5	91.5	92.1	92.9	93.6	<i>93.4</i>	93.2
800	81.9	85.5	88.4	90.8	91.7	92.3	93.1	93.8	<i>93.8</i>	93.7
1000	82.4	86.0	88.9	91.3	92.2	92.8	93.6	94.3	<i>94.4</i>	94.4
1250	82.9	86.6	89.5	92.0	92.9	93.4	94.2	95.0	<i>95.1</i>	95.2
1600	83.4	87.1	90.0	92.5	93.4	93.9	94.7	95.5	<i>95.7</i>	95.9
2000	82.8	86.6	89.6	92.1	92.9	93.4	94.2	95.1	<i>95.4</i>	95.6
2500	81.6	85.5	88.5	90.9	91.8	92.3	93.0	93.9	<i>94.4</i>	94.7
3150	79.9	83.7	86.8	89.3	90.1	90.5	91.3	92.3	<i>92.9</i>	93.3
4000	77.1	81.0	84.1	86.6	87.4	87.8	88.6	89.6	<i>90.3</i>	90.7
5000	72.8	76.8	80.0	82.6	83.4	83.8	84.5	85.7	<i>86.4</i>	86.5
6300	66.1	70.3	73.6	76.3	77.1	77.6	78.3	79.5	<i>80.0</i>	79.9
8000	56.5	60.7	64.1	66.8	67.8	68.3	69.1	70.2	<i>70.5</i>	70.2
10000	45.1	49.3	52.7	55.5	56.4	57.0	57.8	58.9	<i>59.1</i>	58.8

Tab. 99: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.4	56.3	56.2	56.2	56.1	56.1	56.1	51.6	55.2
25	62.7	62.5	62.5	62.4	62.4	62.4	62.4	57.6	61.4
31.5	68.2	68.1	68.0	67.9	67.9	67.9	67.9	63.0	66.9
40	73.0	72.9	72.8	72.8	72.8	72.7	72.7	67.8	71.7
50	77.2	77.1	77.0	77.0	76.9	76.9	76.9	72.1	75.9
63	80.8	80.7	80.6	80.5	80.5	80.5	80.5	75.9	79.5
80	83.8	83.7	83.6	83.6	83.5	83.5	83.5	79.2	82.6
100	86.0	85.8	85.8	85.7	85.7	85.7	85.7	81.5	84.8
125	87.0	86.8	86.7	86.7	86.6	86.6	86.6	82.4	85.9
160	87.7	87.4	87.3	87.2	87.2	87.2	87.2	83.0	86.5
200	88.4	88.1	88.0	87.9	87.9	87.9	87.9	83.8	87.3
250	89.5	89.2	89.1	89.0	89.0	89.0	89.0	85.2	88.4
315	90.5	90.2	90.0	89.9	89.9	89.9	89.9	86.4	89.5
400	91.4	91.1	90.9	90.9	90.9	90.8	90.9	87.7	90.5
500	92.1	91.9	91.8	91.7	91.8	91.8	91.8	88.9	91.6
630	92.8	92.6	92.6	92.6	92.7	92.7	92.8	90.2	92.6
800	93.4	93.4	93.4	93.5	93.6	93.7	93.8	91.6	93.7
1000	94.3	94.3	94.5	94.6	94.8	94.9	95.0	93.5	95.0
1250	95.2	95.4	95.6	95.8	95.9	96.0	96.1	95.6	96.2
1600	96.1	96.5	96.6	96.7	96.8	96.8	96.8	97.3	96.8
2000	96.1	96.4	96.4	96.4	96.3	96.2	96.1	97.5	96.3
2500	95.3	95.3	95.2	95.0	94.9	94.7	94.6	96.7	94.9
3150	93.6	93.3	93.1	92.9	92.7	92.5	92.4	95.3	92.9
4000	90.5	90.1	89.8	89.6	89.4	89.2	89.1	92.7	89.7
5000	85.9	85.4	85.1	84.8	84.6	84.5	84.3	88.8	85.1
6300	79.0	78.5	78.2	77.9	77.7	77.5	77.3	82.6	78.2
8000	69.3	68.7	68.4	68.1	67.8	67.6	67.4	73.6	68.5
10000	57.8	57.2	56.7	56.4	56.1	55.8	55.6	62.8	56.9

8.5 One-third octave band level E-138 EP3 E2-ST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 100: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.4	51.8	53.7	55.0	55.6	56.1	56.8	<i>57.1</i>	57.0	56.8
25	55.3	57.8	59.8	61.2	61.8	62.4	63.0	63.3	63.2	63.1
31.5	60.3	63.0	65.1	66.7	67.3	67.9	68.6	68.9	68.8	68.6
40	64.7	67.5	69.8	71.5	72.1	72.7	73.4	73.7	73.6	73.5
50	68.5	71.4	73.8	75.5	76.2	76.8	77.5	<i>77.9</i>	77.8	77.7
63	71.8	74.8	77.2	79.0	79.7	80.4	81.1	<i>81.5</i>	81.4	81.2
80	74.6	77.7	80.2	82.0	82.7	83.4	84.1	<i>84.6</i>	84.4	84.3
100	76.7	79.8	82.3	84.2	85.0	85.6	86.4	<i>86.8</i>	86.6	86.4
125	77.8	80.9	83.4	85.3	86.1	86.8	87.6	<i>87.9</i>	87.7	87.4
160	78.6	81.7	84.2	86.2	86.9	87.6	88.4	<i>88.7</i>	88.5	88.1
200	79.4	82.5	85.1	87.0	87.8	88.5	89.3	<i>89.6</i>	89.3	88.9
250	80.5	83.7	86.3	88.2	89.0	89.7	90.5	<i>90.8</i>	90.4	90.0
315	81.4	84.6	87.3	89.2	90.0	90.7	91.6	<i>91.8</i>	91.4	90.9
400	82.0	85.3	88.1	90.1	90.9	91.6	92.4	<i>92.7</i>	92.3	91.8
500	82.2	85.7	88.5	90.6	91.4	92.1	93.0	<i>93.3</i>	92.9	92.5
630	82.3	85.8	88.7	90.9	91.7	92.3	93.2	<i>93.6</i>	93.4	93.1
800	82.5	86.0	89.0	91.1	91.9	92.6	93.4	<i>93.9</i>	93.8	93.7
1000	83.0	86.5	89.4	91.6	92.4	93.0	93.8	<i>94.4</i>	94.4	94.4
1250	83.5	87.1	90.1	92.2	93.0	93.6	94.4	<i>95.1</i>	95.2	95.2
1600	83.9	87.5	90.5	92.7	93.5	94.1	94.9	<i>95.6</i>	95.8	96.0
2000	83.3	87.0	90.0	92.2	92.9	93.6	94.3	<i>95.1</i>	95.4	95.7
2500	82.1	85.7	88.8	91.0	91.7	92.3	93.1	<i>94.0</i>	94.3	94.8
3150	80.2	83.9	86.9	89.2	89.9	90.4	91.2	<i>92.2</i>	92.7	93.1
4000	77.1	80.9	84.0	86.3	86.9	87.5	88.2	<i>89.3</i>	89.9	90.2
5000	72.5	76.4	79.6	81.9	82.6	83.1	83.8	<i>85.0</i>	85.6	85.5
6300	65.2	69.3	72.6	75.0	75.7	76.3	77.0	<i>78.2</i>	78.5	78.2
8000	54.7	58.8	62.1	64.6	65.4	66.0	66.8	<i>67.9</i>	68.0	67.6
10000	41.9	46.0	49.4	51.9	52.8	53.4	54.2	<i>55.3</i>	55.3	54.8

Tab. 101: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.5	56.4	56.4	56.3	56.3	56.3	56.3	47.6	56.3
25	62.8	62.7	62.6	62.6	62.5	62.5	62.5	53.5	62.6
31.5	68.3	68.2	68.2	68.1	68.1	68.1	68.1	58.8	68.1
40	73.2	73.1	73.0	73.0	72.9	72.9	72.9	63.6	72.9
50	77.4	77.2	77.2	77.1	77.1	77.1	77.1	68.0	77.1
63	80.9	80.8	80.8	80.7	80.7	80.7	80.7	71.9	80.7
80	84.0	83.8	83.8	83.7	83.7	83.7	83.7	75.5	83.7
100	86.1	86.0	85.9	85.9	85.8	85.8	85.8	77.5	85.9
125	87.1	87.0	86.9	86.8	86.8	86.8	86.8	77.0	86.9
160	87.7	87.6	87.5	87.4	87.4	87.4	87.4	76.1	87.5
200	88.4	88.3	88.1	88.1	88.1	88.1	88.1	76.1	88.2
250	89.5	89.3	89.2	89.1	89.1	89.1	89.2	77.6	89.2
315	90.5	90.3	90.1	90.1	90.1	90.1	90.1	78.9	90.2
400	91.4	91.2	91.0	91.0	91.0	91.0	91.1	80.4	91.2
500	92.1	92.0	91.9	91.9	91.9	91.9	92.0	81.9	92.2
630	92.8	92.8	92.7	92.7	92.8	92.9	93.0	83.6	93.2
800	93.5	93.5	93.6	93.6	93.8	93.9	94.0	85.5	94.2
1000	94.3	94.5	94.6	94.7	94.9	95.0	95.1	88.9	95.3
1250	95.4	95.6	95.8	95.9	96.0	96.1	96.2	93.1	96.2
1600	96.3	96.5	96.7	96.8	96.8	96.8	96.7	97.1	96.6
2000	96.2	96.4	96.4	96.3	96.2	96.1	96.0	98.4	95.8
2500	95.2	95.1	95.0	94.8	94.6	94.5	94.4	98.2	94.2
3150	93.2	92.9	92.7	92.5	92.3	92.2	92.0	97.2	91.8
4000	89.8	89.4	89.1	88.9	88.7	88.6	88.5	95.1	88.2
5000	84.8	84.3	84.1	83.8	83.6	83.5	83.3	91.5	83.1
6300	77.3	76.9	76.6	76.3	76.1	75.9	75.7	85.5	75.4
8000	66.6	66.1	65.8	65.5	65.2	65.0	64.8	76.4	64.5
10000	53.8	53.2	52.8	52.5	52.2	52.0	51.7	65.0	51.4

8.6 One-third octave band level E-138 EP3 E2-ST-131-FB-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 102: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.4	51.8	53.7	55.0	55.6	56.1	56.8	<i>57.1</i>	57.0	56.8
25	55.3	57.8	59.8	61.2	61.8	62.4	63.0	63.3	63.2	63.1
31.5	60.3	63.0	65.1	66.7	67.3	67.9	68.6	68.9	68.8	68.6
40	64.7	67.5	69.8	71.5	72.1	72.7	73.4	73.7	73.6	73.5
50	68.5	71.4	73.8	75.5	76.2	76.8	77.5	<i>77.9</i>	77.8	77.7
63	71.8	74.8	77.2	79.0	79.7	80.4	81.1	<i>81.5</i>	81.4	81.2
80	74.6	77.7	80.2	82.0	82.7	83.4	84.1	<i>84.6</i>	84.4	84.3
100	76.7	79.8	82.3	84.2	85.0	85.6	86.4	<i>86.8</i>	86.6	86.4
125	77.8	80.9	83.4	85.3	86.1	86.8	87.6	<i>87.9</i>	87.7	87.4
160	78.6	81.7	84.2	86.2	86.9	87.6	88.4	<i>88.7</i>	88.5	88.1
200	79.4	82.5	85.1	87.0	87.8	88.5	89.3	<i>89.6</i>	89.3	88.9
250	80.5	83.7	86.3	88.2	89.0	89.7	90.5	<i>90.8</i>	90.4	90.0
315	81.4	84.6	87.3	89.2	90.0	90.7	91.6	<i>91.8</i>	91.4	90.9
400	82.0	85.3	88.1	90.1	90.9	91.6	92.4	<i>92.7</i>	92.3	91.8
500	82.2	85.7	88.5	90.6	91.4	92.1	93.0	<i>93.3</i>	92.9	92.5
630	82.3	85.8	88.7	90.9	91.7	92.3	93.2	<i>93.6</i>	93.4	93.1
800	82.5	86.0	89.0	91.1	91.9	92.6	93.4	<i>93.9</i>	93.8	93.7
1000	83.0	86.5	89.4	91.6	92.4	93.0	93.8	<i>94.4</i>	94.4	94.4
1250	83.5	87.1	90.1	92.2	93.0	93.6	94.4	<i>95.1</i>	95.2	95.2
1600	83.9	87.5	90.5	92.7	93.5	94.1	94.9	<i>95.6</i>	95.8	96.0
2000	83.3	87.0	90.0	92.2	92.9	93.6	94.3	<i>95.1</i>	95.4	95.7
2500	82.1	85.7	88.8	91.0	91.7	92.3	93.1	<i>94.0</i>	94.3	94.8
3150	80.2	83.9	86.9	89.2	89.9	90.4	91.2	<i>92.2</i>	92.7	93.1
4000	77.1	80.9	84.0	86.3	86.9	87.5	88.2	<i>89.3</i>	89.9	90.2
5000	72.5	76.4	79.6	81.9	82.6	83.1	83.8	<i>85.0</i>	85.6	85.5
6300	65.2	69.3	72.6	75.0	75.7	76.3	77.0	<i>78.2</i>	78.5	78.2
8000	54.7	58.8	62.1	64.6	65.4	66.0	66.8	<i>67.9</i>	68.0	67.6
10000	41.9	46.0	49.4	51.9	52.8	53.4	54.2	<i>55.3</i>	55.3	54.8

Tab. 103: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.5	56.4	56.4	56.3	56.3	56.3	56.3	47.6	56.3
25	62.8	62.7	62.6	62.6	62.5	62.5	62.5	53.5	62.6
31.5	68.3	68.2	68.2	68.1	68.1	68.1	68.1	58.8	68.1
40	73.2	73.1	73.0	73.0	72.9	72.9	72.9	63.6	72.9
50	77.4	77.2	77.2	77.1	77.1	77.1	77.1	68.0	77.1
63	80.9	80.8	80.8	80.7	80.7	80.7	80.7	71.9	80.7
80	84.0	83.8	83.8	83.7	83.7	83.7	83.7	75.5	83.7
100	86.1	86.0	85.9	85.9	85.8	85.8	85.8	77.5	85.9
125	87.1	87.0	86.9	86.8	86.8	86.8	86.8	77.0	86.9
160	87.7	87.6	87.5	87.4	87.4	87.4	87.4	76.1	87.5
200	88.4	88.3	88.1	88.1	88.1	88.1	88.1	76.1	88.2
250	89.5	89.3	89.2	89.1	89.1	89.1	89.2	77.6	89.2
315	90.5	90.3	90.1	90.1	90.1	90.1	90.1	78.9	90.2
400	91.4	91.2	91.0	91.0	91.0	91.0	91.1	80.4	91.2
500	92.1	92.0	91.9	91.9	91.9	91.9	92.0	81.9	92.2
630	92.8	92.8	92.7	92.7	92.8	92.9	93.0	83.6	93.2
800	93.5	93.5	93.6	93.6	93.8	93.9	94.0	85.5	94.2
1000	94.3	94.5	94.6	94.7	94.9	95.0	95.1	88.9	95.3
1250	95.4	95.6	95.8	95.9	96.0	96.1	96.2	93.1	96.2
1600	96.3	96.5	96.7	96.8	96.8	96.8	96.7	97.1	96.6
2000	96.2	96.4	96.4	96.3	96.2	96.1	96.0	98.4	95.8
2500	95.2	95.1	95.0	94.8	94.6	94.5	94.4	98.2	94.2
3150	93.2	92.9	92.7	92.5	92.3	92.2	92.0	97.2	91.8
4000	89.8	89.4	89.1	88.9	88.7	88.6	88.5	95.1	88.2
5000	84.8	84.3	84.1	83.8	83.6	83.5	83.3	91.5	83.1
6300	77.3	76.9	76.6	76.3	76.1	75.9	75.7	85.5	75.4
8000	66.6	66.1	65.8	65.5	65.2	65.0	64.8	76.4	64.5
10000	53.8	53.2	52.8	52.5	52.2	52.0	51.7	65.0	51.4

8.7 One-third octave band level E-138 EP3 E2-HST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 104: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.4	51.8	53.7	55.0	55.6	56.1	56.8	<i>57.1</i>	57.0	56.8
25	55.3	57.8	59.8	61.2	61.8	62.4	63.0	63.3	63.2	63.1
31.5	60.3	63.0	65.1	66.7	67.3	67.9	68.6	68.9	68.8	68.6
40	64.7	67.5	69.8	71.5	72.1	72.7	73.4	73.7	73.6	73.5
50	68.5	71.4	73.8	75.5	76.2	76.8	77.5	<i>77.9</i>	77.8	77.7
63	71.8	74.8	77.2	79.0	79.7	80.4	81.1	<i>81.5</i>	81.4	81.2
80	74.6	77.7	80.2	82.0	82.7	83.4	84.1	<i>84.6</i>	84.4	84.3
100	76.7	79.8	82.3	84.2	85.0	85.6	86.4	<i>86.8</i>	86.6	86.4
125	77.8	80.9	83.4	85.3	86.1	86.8	87.6	<i>87.9</i>	87.7	87.4
160	78.6	81.7	84.2	86.2	86.9	87.6	88.4	<i>88.7</i>	88.5	88.1
200	79.4	82.5	85.1	87.0	87.8	88.5	89.3	<i>89.6</i>	89.3	88.9
250	80.5	83.7	86.3	88.2	89.0	89.7	90.5	<i>90.8</i>	90.4	90.0
315	81.4	84.6	87.3	89.2	90.0	90.7	91.6	<i>91.8</i>	91.4	90.9
400	82.0	85.3	88.1	90.1	90.9	91.6	92.4	<i>92.7</i>	92.3	91.8
500	82.2	85.7	88.5	90.6	91.4	92.1	93.0	<i>93.3</i>	92.9	92.5
630	82.3	85.8	88.7	90.9	91.7	92.3	93.2	<i>93.6</i>	93.4	93.1
800	82.5	86.0	89.0	91.1	91.9	92.6	93.4	<i>93.9</i>	93.8	93.7
1000	83.0	86.5	89.4	91.6	92.4	93.0	93.8	<i>94.4</i>	94.4	94.4
1250	83.5	87.1	90.1	92.2	93.0	93.6	94.4	<i>95.1</i>	95.2	95.2
1600	83.9	87.5	90.5	92.7	93.5	94.1	94.9	<i>95.6</i>	95.8	96.0
2000	83.3	87.0	90.0	92.2	92.9	93.6	94.3	<i>95.1</i>	95.4	95.7
2500	82.1	85.7	88.8	91.0	91.7	92.3	93.1	<i>94.0</i>	94.3	94.8
3150	80.2	83.9	86.9	89.2	89.9	90.4	91.2	<i>92.2</i>	92.7	93.1
4000	77.1	80.9	84.0	86.3	86.9	87.5	88.2	<i>89.3</i>	89.9	90.2
5000	72.5	76.4	79.6	81.9	82.6	83.1	83.8	<i>85.0</i>	85.6	85.5
6300	65.2	69.3	72.6	75.0	75.7	76.3	77.0	<i>78.2</i>	78.5	78.2
8000	54.7	58.8	62.1	64.6	65.4	66.0	66.8	<i>67.9</i>	68.0	67.6
10000	41.9	46.0	49.4	51.9	52.8	53.4	54.2	<i>55.3</i>	55.3	54.8

Tab. 105: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.5	56.4	56.4	56.3	56.3	56.3	56.3	47.6	56.3
25	62.8	62.7	62.6	62.6	62.5	62.5	62.5	53.5	62.6
31.5	68.3	68.2	68.2	68.1	68.1	68.1	68.1	58.8	68.1
40	73.2	73.1	73.0	73.0	72.9	72.9	72.9	63.6	72.9
50	77.4	77.2	77.2	77.1	77.1	77.1	77.1	68.0	77.1
63	80.9	80.8	80.8	80.7	80.7	80.7	80.7	71.9	80.7
80	84.0	83.8	83.8	83.7	83.7	83.7	83.7	75.5	83.7
100	86.1	86.0	85.9	85.9	85.8	85.8	85.8	77.5	85.9
125	87.1	87.0	86.9	86.8	86.8	86.8	86.8	77.0	86.9
160	87.7	87.6	87.5	87.4	87.4	87.4	87.4	76.1	87.5
200	88.4	88.3	88.1	88.1	88.1	88.1	88.1	76.1	88.2
250	89.5	89.3	89.2	89.1	89.1	89.1	89.2	77.6	89.2
315	90.5	90.3	90.1	90.1	90.1	90.1	90.1	78.9	90.2
400	91.4	91.2	91.0	91.0	91.0	91.0	91.1	80.4	91.2
500	92.1	92.0	91.9	91.9	91.9	91.9	92.0	81.9	92.2
630	92.8	92.8	92.7	92.7	92.8	92.9	93.0	83.6	93.2
800	93.5	93.5	93.6	93.6	93.8	93.9	94.0	85.5	94.2
1000	94.3	94.5	94.6	94.7	94.9	95.0	95.1	88.9	95.3
1250	95.4	95.6	95.8	95.9	96.0	96.1	96.2	93.1	96.2
1600	96.3	96.5	96.7	96.8	96.8	96.8	96.7	97.1	96.6
2000	96.2	96.4	96.4	96.3	96.2	96.1	96.0	98.4	95.8
2500	95.2	95.1	95.0	94.8	94.6	94.5	94.4	98.2	94.2
3150	93.2	92.9	92.7	92.5	92.3	92.2	92.0	97.2	91.8
4000	89.8	89.4	89.1	88.9	88.7	88.6	88.5	95.1	88.2
5000	84.8	84.3	84.1	83.8	83.6	83.5	83.3	91.5	83.1
6300	77.3	76.9	76.6	76.3	76.1	75.9	75.7	85.5	75.4
8000	66.6	66.1	65.8	65.5	65.2	65.0	64.8	76.4	64.5
10000	53.8	53.2	52.8	52.5	52.2	52.0	51.7	65.0	51.4

8.8 One-third octave band level E-138 EP3 E2-HT-149-ES-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 106: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.9	52.1	54.1	55.3	55.8	56.4	57.0	57.2	57.1	56.9
25	55.7	58.1	60.2	61.5	62.0	62.6	63.3	63.5	63.4	63.2
31.5	60.8	63.4	65.6	67.0	67.5	68.2	68.8	69.0	68.9	68.7
40	65.2	67.9	70.2	71.8	72.3	73.0	73.6	73.9	73.8	73.6
50	69.0	71.9	74.3	75.9	76.4	77.1	77.8	78.1	78.0	77.7
63	72.3	75.2	77.7	79.4	80.0	80.6	81.3	81.7	81.5	81.3
80	75.1	78.1	80.6	82.3	83.0	83.7	84.4	84.7	84.6	84.3
100	77.2	80.2	82.8	84.5	85.2	85.9	86.6	86.9	86.8	86.5
125	78.3	81.3	83.9	85.7	86.3	87.1	87.8	88.1	87.8	87.5
160	79.1	82.1	84.7	86.5	87.2	87.9	88.7	88.8	88.5	88.2
200	79.9	83.0	85.6	87.3	88.1	88.8	89.6	89.7	89.3	88.9
250	81.0	84.1	86.7	88.5	89.2	90.0	90.8	90.8	90.4	90.0
315	81.9	85.0	87.7	89.5	90.3	91.0	91.9	91.8	91.4	90.9
400	82.5	85.8	88.5	90.4	91.1	91.9	92.7	92.7	92.3	91.8
500	82.7	86.1	89.0	90.9	91.6	92.4	93.2	93.3	92.9	92.6
630	82.8	86.3	89.2	91.1	91.9	92.6	93.5	93.7	93.4	93.2
800	83.0	86.4	89.4	91.4	92.1	92.8	93.6	94.0	93.9	93.7
1000	83.4	86.9	89.9	91.8	92.5	93.2	94.1	94.5	94.5	94.4
1250	84.0	87.5	90.5	92.4	93.1	93.8	94.6	95.2	95.3	95.3
1600	84.3	87.9	90.9	92.9	93.5	94.2	95.0	95.7	95.8	96.0
2000	83.7	87.3	90.3	92.3	92.9	93.6	94.4	95.1	95.4	95.8
2500	82.3	85.9	89.0	91.0	91.6	92.3	93.1	93.9	94.3	94.8
3150	80.3	83.9	87.0	89.0	89.6	90.3	91.0	92.0	92.5	93.0
4000	77.0	80.8	83.9	85.9	86.5	87.1	87.8	89.0	89.5	89.6
5000	72.1	75.9	79.2	81.2	81.8	82.4	83.1	84.4	84.8	84.5
6300	64.3	68.3	71.6	73.8	74.4	75.0	75.8	77.0	77.1	76.6
8000	52.9	56.9	60.4	62.6	63.3	64.0	64.7	65.8	65.7	65.1
10000	39.0	43.0	46.4	48.7	49.4	50.1	51.0	51.9	51.8	51.1

Tab. 107: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.7	56.6	56.5	56.5	56.5	56.4	54.4	53.8	56.5
25	62.9	62.8	62.8	62.8	62.7	62.7	60.5	59.9	62.7
31.5	68.5	68.4	68.3	68.3	68.2	68.2	66.0	65.4	68.2
40	73.3	73.2	73.2	73.1	73.1	73.1	70.8	70.2	73.1
50	77.5	77.4	77.3	77.3	77.3	77.3	75.1	74.4	77.3
63	81.1	81.0	80.9	80.9	80.8	80.8	78.7	78.1	80.8
80	84.1	84.0	83.9	83.9	83.8	83.8	81.9	81.3	83.9
100	86.3	86.1	86.1	86.0	86.0	86.0	84.2	83.6	86.0
125	87.2	87.1	87.0	87.0	87.0	86.9	85.2	84.7	87.0
160	87.8	87.7	87.6	87.6	87.5	87.5	85.8	85.4	87.6
200	88.5	88.4	88.3	88.2	88.2	88.2	86.6	86.2	88.3
250	89.6	89.4	89.3	89.3	89.3	89.2	87.8	87.5	89.4
315	90.5	90.4	90.2	90.2	90.2	90.2	88.9	88.6	90.3
400	91.4	91.2	91.1	91.1	91.1	91.1	90.0	89.8	91.3
500	92.2	92.1	92.0	92.0	92.0	92.0	91.1	90.9	92.3
630	92.9	92.8	92.8	92.8	92.9	93.0	92.2	92.0	93.3
800	93.6	93.6	93.7	93.8	93.9	94.0	93.3	93.2	94.3
1000	94.4	94.6	94.7	94.9	95.0	95.1	94.7	94.7	95.4
1250	95.5	95.7	95.8	96.0	96.1	96.2	96.2	96.2	96.2
1600	96.4	96.6	96.7	96.8	96.8	96.8	97.2	97.2	96.6
2000	96.2	96.3	96.3	96.3	96.1	96.0	96.8	96.8	95.7
2500	95.1	94.9	94.8	94.6	94.5	94.3	95.4	95.6	94.0
3150	92.9	92.6	92.3	92.2	92.0	91.8	93.3	93.5	91.5
4000	89.2	88.8	88.6	88.4	88.2	88.0	89.9	90.2	87.7
5000	83.8	83.4	83.2	83.0	82.7	82.6	84.8	85.2	82.2
6300	75.8	75.4	75.1	74.9	74.7	74.5	77.1	77.6	74.0
8000	64.3	63.8	63.5	63.2	63.0	62.8	65.8	66.4	62.3
10000	50.2	49.7	49.3	49.0	48.7	48.5	51.9	52.7	47.9

8.9 One-third octave band level E-138 EP3 E2-HT-160-ES-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 108: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	50.1	52.3	54.2	55.5	55.9	56.6	57.2	57.3	57.2	57.0
25	55.9	58.3	60.4	61.7	62.2	62.8	63.4	63.6	63.4	63.2
31.5	61.0	63.6	65.8	67.2	67.7	68.3	69.0	69.1	69.0	68.8
40	65.5	68.2	70.4	71.9	72.4	73.1	73.8	74.0	73.8	73.6
50	69.3	72.1	74.5	76.0	76.6	77.3	78.0	78.1	78.0	77.8
63	72.6	75.5	77.9	79.5	80.1	80.8	81.5	81.7	81.6	81.4
80	75.4	78.3	80.9	82.5	83.1	83.8	84.6	84.8	84.6	84.4
100	77.4	80.4	83.0	84.7	85.3	86.1	86.8	87.0	86.8	86.5
125	78.5	81.6	84.1	85.8	86.5	87.2	88.0	88.1	87.9	87.5
160	79.3	82.3	84.9	86.6	87.3	88.1	88.8	88.9	88.6	88.2
200	80.1	83.2	85.8	87.5	88.2	89.0	89.7	89.7	89.4	88.9
250	81.2	84.3	86.9	88.7	89.3	90.2	90.9	90.9	90.5	90.0
315	82.1	85.3	87.9	89.7	90.3	91.2	91.9	91.9	91.4	90.9
400	82.7	86.0	88.7	90.5	91.2	92.0	92.8	92.7	92.3	91.8
500	83.0	86.4	89.2	91.0	91.7	92.5	93.3	93.3	93.0	92.5
630	83.0	86.5	89.4	91.3	91.9	92.8	93.5	93.7	93.5	93.1
800	83.2	86.7	89.6	91.5	92.1	92.9	93.7	94.0	93.9	93.7
1000	83.6	87.1	90.0	92.0	92.6	93.4	94.2	94.5	94.5	94.5
1250	84.2	87.7	90.6	92.6	93.2	93.9	94.7	95.2	95.3	95.3
1600	84.5	88.0	91.0	93.0	93.6	94.3	95.1	95.7	95.8	96.1
2000	83.9	87.4	90.4	92.4	92.9	93.7	94.5	95.1	95.4	95.8
2500	82.4	86.0	89.1	91.0	91.6	92.3	93.1	93.8	94.2	94.8
3150	80.3	83.9	87.0	89.0	89.5	90.2	91.0	91.9	92.4	92.8
4000	76.9	80.6	83.8	85.7	86.2	86.8	87.7	88.8	89.2	89.3
5000	71.8	75.6	78.8	80.8	81.3	81.9	82.8	83.9	84.3	83.8
6300	63.7	67.6	71.0	73.1	73.6	74.3	75.1	76.2	76.2	75.6
8000	51.8	55.8	59.2	61.3	62.0	62.7	63.6	64.4	64.3	63.6
10000	37.1	41.1	44.5	46.7	47.4	48.1	49.0	49.8	49.6	48.8

Tab. 109: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.8	56.7	56.6	56.6	56.6	56.6	51.5	56.5	56.6
25	63.0	62.9	62.9	62.8	62.8	62.8	57.5	62.8	62.8
31.5	68.6	68.5	68.4	68.4	68.3	68.3	62.9	68.3	68.3
40	73.4	73.3	73.3	73.2	73.2	73.2	67.7	73.2	73.2
50	77.6	77.5	77.4	77.4	77.4	77.4	72.0	77.4	77.4
63	81.2	81.0	81.0	81.0	80.9	80.9	75.8	80.9	80.9
80	84.2	84.1	84.0	84.0	83.9	83.9	79.2	83.9	83.9
100	86.3	86.2	86.2	86.1	86.1	86.1	81.5	86.1	86.1
125	87.3	87.2	87.1	87.1	87.0	87.1	82.3	87.1	87.1
160	87.9	87.7	87.7	87.6	87.6	87.6	82.8	87.7	87.7
200	88.6	88.4	88.4	88.3	88.3	88.3	83.6	88.4	88.4
250	89.6	89.5	89.4	89.4	89.3	89.3	85.0	89.4	89.5
315	90.6	90.4	90.3	90.3	90.2	90.3	86.3	90.4	90.4
400	91.5	91.3	91.2	91.2	91.2	91.2	87.5	91.4	91.4
500	92.2	92.1	92.0	92.0	92.0	92.1	88.8	92.3	92.4
630	92.9	92.9	92.9	92.9	93.0	93.1	90.1	93.3	93.4
800	93.6	93.6	93.7	93.8	93.9	94.0	91.5	94.3	94.4
1000	94.5	94.6	94.8	94.9	95.0	95.2	93.5	95.4	95.4
1250	95.5	95.7	95.9	96.0	96.1	96.2	95.7	96.3	96.3
1600	96.4	96.6	96.7	96.8	96.8	96.8	97.5	96.6	96.6
2000	96.2	96.3	96.3	96.2	96.1	96.0	97.7	95.8	95.7
2500	95.0	94.8	94.7	94.5	94.3	94.2	96.8	94.0	93.9
3150	92.7	92.4	92.1	91.9	91.8	91.6	95.1	91.4	91.3
4000	88.8	88.5	88.2	88.0	87.9	87.7	92.1	87.5	87.3
5000	83.3	82.9	82.6	82.4	82.2	82.1	87.3	81.8	81.6
6300	74.9	74.5	74.2	74.0	73.8	73.6	79.9	73.3	73.2
8000	62.9	62.4	62.1	61.8	61.6	61.4	68.7	61.0	60.9
10000	48.0	47.5	47.2	46.8	46.6	46.3	54.7	45.9	45.8

9 Operating mode 2500 kW s

9.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 110: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre freq. in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	51.3	52.6	53.8	54.8	55.5	55.7	55.9	56.4	56.7	56.6	56.5
25	57.2	58.6	59.9	61.0	61.7	61.9	62.2	62.7	62.9	62.9	62.8
31.5	62.4	63.9	65.3	66.5	67.1	67.4	67.7	68.2	68.5	68.4	68.3
40	66.9	68.5	70.0	71.2	71.9	72.2	72.5	73.0	73.3	73.2	73.1
50	70.8	72.5	74.0	75.3	76.0	76.3	76.6	77.2	77.5	77.4	77.3
63	74.1	75.8	77.4	78.8	79.5	79.8	80.2	80.7	<i>81.1</i>	81.0	80.8
80	77.0	78.7	80.4	81.8	82.5	82.8	83.2	83.7	<i>84.1</i>	84.0	83.9
100	79.1	80.9	82.5	83.9	84.7	85.0	85.4	86.0	86.3	86.2	86.0
125	80.2	81.9	83.6	85.1	85.8	86.2	86.6	87.1	87.4	87.3	87.1
160	81.0	82.7	84.4	85.8	86.6	87.0	87.4	88.0	88.2	88.0	87.8
200	81.8	83.6	85.3	86.7	87.5	87.9	88.3	88.9	<i>89.1</i>	88.8	88.6
250	82.9	84.7	86.5	87.9	88.7	89.1	89.5	90.1	<i>90.3</i>	89.9	89.7
315	83.9	85.7	87.5	88.9	89.7	90.1	90.5	91.1	<i>91.3</i>	90.9	90.6
400	84.6	86.5	88.3	89.8	90.6	90.9	91.4	92.0	92.2	91.8	91.5
500	84.9	86.9	88.8	90.3	91.1	91.5	91.9	92.5	92.8	92.5	92.2
630	85.0	87.0	89.0	90.5	91.4	91.7	92.1	92.8	<i>93.1</i>	92.9	92.8
800	85.2	87.2	89.2	90.8	91.6	91.9	92.4	93.0	<i>93.4</i>	93.3	93.3
1000	85.7	87.7	89.7	91.3	92.1	92.4	92.8	93.4	<i>93.9</i>	93.9	93.9
1250	86.3	88.3	90.3	92.0	92.8	93.1	93.4	94.0	<i>94.6</i>	94.7	94.7
1600	86.7	88.8	90.7	92.4	93.2	93.5	93.9	94.5	<i>95.1</i>	95.3	95.4
2000	86.2	88.3	90.2	91.9	92.7	93.0	93.4	93.9	<i>94.7</i>	94.9	95.0
2500	84.9	87.0	89.0	90.7	91.5	91.8	92.1	92.7	<i>93.5</i>	93.8	94.0
3150	83.0	85.2	87.2	88.9	89.7	89.9	90.2	90.8	<i>91.8</i>	92.1	92.4
4000	80.1	82.2	84.3	86.0	86.8	87.0	87.3	87.8	88.9	89.4	89.6
5000	75.5	77.8	79.8	81.6	82.4	82.6	82.9	83.4	<i>84.7</i>	85.0	85.1
6300	68.4	70.7	72.8	74.7	75.5	75.8	76.1	76.6	<i>77.8</i>	77.9	77.8
8000	57.8	60.2	62.4	64.3	65.2	65.5	65.8	66.4	<i>67.4</i>	67.4	67.2

One-third octave band level centre freq. in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	45.1	47.5	49.7	51.6	52.5	52.8	53.2	53.8	54.7	54.7	54.5

Tab. 111: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	56.3	56.2	56.1	56.1	56.0	56.0	56.0	56.0	55.9	55.9
25	62.6	62.4	62.3	62.3	62.2	62.2	62.2	62.2	62.2	62.2
31.5	68.1	67.9	67.8	67.8	67.7	67.7	67.7	67.7	67.7	67.7
40	72.9	72.8	72.7	72.6	72.6	72.6	72.5	72.5	72.5	72.5
50	77.1	76.9	76.8	76.8	76.7	76.7	76.7	76.7	76.7	76.7
63	80.7	80.5	80.4	80.4	80.3	80.3	80.3	80.3	80.2	80.2
80	83.7	83.5	83.4	83.4	83.3	83.3	83.3	83.3	83.2	83.2
100	85.8	85.6	85.5	85.5	85.4	85.4	85.4	85.4	85.4	85.4
125	86.8	86.6	86.5	86.5	86.4	86.4	86.4	86.4	86.4	86.4
160	87.5	87.2	87.1	87.0	87.0	87.0	86.9	87.0	87.0	87.0
200	88.2	88.0	87.8	87.7	87.7	87.7	87.6	87.7	87.6	87.7
250	89.3	89.1	88.9	88.8	88.8	88.7	88.7	88.7	88.7	88.7
315	90.3	90.0	89.8	89.7	89.7	89.7	89.6	89.6	89.6	89.7
400	91.2	90.9	90.7	90.7	90.6	90.6	90.6	90.6	90.6	90.6
500	91.9	91.7	91.5	91.5	91.5	91.4	91.4	91.5	91.5	91.6
630	92.5	92.4	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.5
800	93.1	93.0	93.0	93.1	93.1	93.2	93.3	93.3	93.4	93.5
1000	93.9	93.9	93.9	94.0	94.2	94.2	94.3	94.4	94.5	94.6
1250	94.8	94.9	95.0	95.2	95.3	95.4	95.5	95.6	95.6	95.7
1600	95.6	95.8	96.0	96.1	96.2	96.2	96.3	96.3	96.3	96.2
2000	95.4	95.7	95.8	95.9	95.8	95.8	95.7	95.7	95.6	95.5
2500	94.5	94.6	94.6	94.5	94.4	94.3	94.2	94.1	94.0	93.9
3150	92.8	92.6	92.4	92.3	92.1	91.9	91.8	91.7	91.6	91.5
4000	89.6	89.2	88.9	88.7	88.5	88.4	88.3	88.2	88.0	87.9
5000	84.6	84.1	83.8	83.7	83.4	83.3	83.2	83.0	82.9	82.8
6300	77.2	76.7	76.4	76.1	75.9	75.8	75.6	75.5	75.3	75.2
8000	66.6	66.0	65.6	65.4	65.1	65.0	64.8	64.6	64.5	64.3
10000	53.8	53.1	52.7	52.5	52.2	51.9	51.7	51.6	51.4	51.2

9.2 One-third octave band level E-138 EP3 E2-ST-81-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 112: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.9	50.5	52.3	53.9	55.0	55.3	55.9	56.2	56.1	55.8
25	53.6	56.4	58.4	60.1	61.2	61.5	62.1	62.5	62.3	62.1
31.5	58.7	61.6	63.7	65.5	66.7	67.0	67.6	68.0	67.8	67.6
40	63.0	66.0	68.3	70.2	71.4	71.8	72.4	72.8	72.7	72.4
50	66.8	69.9	72.3	74.3	75.5	75.9	76.6	77.0	76.8	76.6
63	70.0	73.2	75.7	77.7	79.1	79.5	80.1	80.6	80.4	80.2
80	72.8	76.1	78.6	80.7	82.0	82.5	83.2	83.6	83.4	83.2
100	74.9	78.2	80.7	82.9	84.2	84.7	85.4	85.8	85.6	85.3
125	76.0	79.3	81.8	84.0	85.4	85.9	86.6	87.0	86.7	86.4
160	76.8	80.1	82.6	84.8	86.2	86.7	87.4	87.8	87.4	87.0
200	77.6	81.0	83.5	85.7	87.1	87.6	88.4	88.7	88.2	87.8
250	78.8	82.1	84.7	86.9	88.3	88.9	89.6	89.8	89.4	88.9
315	79.6	83.1	85.7	87.9	89.4	89.9	90.6	90.9	90.4	89.9
400	80.2	83.8	86.5	88.8	90.2	90.8	91.5	91.8	91.3	90.8
500	80.4	84.1	86.9	89.3	90.8	91.3	92.1	92.4	92.0	91.6
630	80.5	84.2	87.1	89.6	91.1	91.6	92.4	92.8	92.5	92.2
800	80.7	84.5	87.3	89.9	91.4	91.9	92.6	93.2	93.0	92.8
1000	81.2	85.0	87.9	90.4	91.9	92.4	93.1	93.7	93.7	93.6
1250	81.8	85.6	88.6	91.1	92.6	93.1	93.8	94.5	94.5	94.6
1600	82.3	86.1	89.1	91.7	93.2	93.6	94.3	95.1	95.3	95.5
2000	81.8	85.7	88.7	91.3	92.8	93.3	93.9	94.8	95.0	95.5
2500	80.8	84.7	87.7	90.3	91.8	92.2	92.9	93.9	94.2	94.8
3150	79.2	83.2	86.3	88.9	90.4	90.8	91.4	92.5	93.0	93.4
4000	76.7	80.8	84.0	86.6	88.1	88.4	89.1	90.4	90.8	90.9
5000	72.9	77.2	80.4	83.1	84.6	85.0	85.6	87.0	87.3	86.9
6300	67.1	71.4	74.8	77.6	79.2	79.6	80.2	81.5	81.6	80.9
8000	58.9	63.2	66.6	69.5	71.2	71.7	72.3	73.5	73.3	72.6
10000	49.5	53.8	57.2	60.2	61.9	62.4	63.1	64.1	64.0	63.2

Tab. 113: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.6	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
25	61.9	61.8	61.7	61.7	61.7	61.7	61.7	61.7	61.7
31.5	67.4	67.3	67.2	67.2	67.2	67.2	67.3	67.3	67.3
40	72.2	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
50	76.4	76.3	76.2	76.2	76.2	76.2	76.2	76.3	76.3
63	79.9	79.9	79.8	79.8	79.8	79.8	79.8	79.8	79.8
80	82.9	82.9	82.8	82.8	82.8	82.8	82.8	82.8	82.8
100	85.1	85.0	84.9	84.9	84.9	84.9	84.9	85.0	85.0
125	86.1	86.0	85.9	85.9	85.9	85.9	85.9	86.0	86.0
160	86.7	86.6	86.5	86.5	86.5	86.5	86.5	86.6	86.6
200	87.5	87.3	87.2	87.2	87.2	87.2	87.2	87.3	87.3
250	88.6	88.4	88.3	88.3	88.3	88.3	88.3	88.4	88.4
315	89.5	89.4	89.3	89.3	89.3	89.3	89.3	89.4	89.4
400	90.5	90.3	90.2	90.2	90.2	90.3	90.3	90.4	90.5
500	91.3	91.1	91.1	91.1	91.1	91.2	91.3	91.4	91.5
630	92.0	91.9	92.0	92.0	92.1	92.2	92.2	92.4	92.4
800	92.7	92.8	92.9	93.0	93.1	93.2	93.3	93.4	93.5
1000	93.7	93.8	93.9	94.1	94.2	94.4	94.5	94.6	94.6
1250	94.8	95.0	95.1	95.3	95.4	95.5	95.5	95.6	95.6
1600	95.8	96.0	96.1	96.2	96.2	96.2	96.2	96.1	96.1
2000	95.8	95.9	95.9	95.9	95.8	95.7	95.6	95.5	95.4
2500	95.0	94.9	94.7	94.6	94.4	94.3	94.2	94.1	94.0
3150	93.3	93.0	92.8	92.6	92.5	92.3	92.2	92.1	92.0
4000	90.4	90.1	89.8	89.7	89.5	89.4	89.3	89.2	89.0
5000	86.2	85.9	85.6	85.5	85.3	85.1	85.0	84.9	84.8
6300	80.2	79.9	79.6	79.4	79.2	79.0	78.9	78.7	78.6
8000	71.9	71.5	71.1	70.9	70.7	70.5	70.3	70.2	70.0
10000	62.3	61.9	61.5	61.2	61.0	60.7	60.6	60.4	60.2

9.3 One-third octave band level E-138 EP3 E2-ST-96-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 114: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.4	51.0	52.8	54.4	55.2	55.5	56.2	56.3	56.2	55.9
25	54.2	56.9	58.8	60.5	61.4	61.8	62.4	62.6	62.4	62.1
31.5	59.2	62.1	64.2	66.0	66.9	67.3	67.9	68.1	68.0	67.7
40	63.6	66.6	68.8	70.7	71.7	72.1	72.8	72.9	72.8	72.5
50	67.3	70.5	72.8	74.8	75.8	76.2	76.9	77.1	77.0	76.7
63	70.6	73.8	76.2	78.3	79.3	79.7	80.5	80.7	80.5	80.2
80	73.4	76.7	79.1	81.2	82.3	82.7	83.5	83.7	83.5	83.2
100	75.5	78.8	81.2	83.4	84.5	85.0	85.7	85.9	85.7	85.4
125	76.6	79.9	82.4	84.5	85.6	86.1	86.9	87.0	86.8	86.4
160	77.4	80.7	83.2	85.4	86.5	87.0	87.7	87.8	87.5	87.0
200	78.3	81.5	84.1	86.2	87.4	87.9	88.7	88.7	88.3	87.8
250	79.4	82.7	85.2	87.4	88.6	89.1	89.9	89.8	89.4	88.9
315	80.3	83.6	86.2	88.5	89.6	90.1	90.9	90.8	90.4	89.9
400	80.8	84.3	87.0	89.3	90.5	91.0	91.8	91.7	91.3	90.8
500	81.1	84.7	87.5	89.9	91.0	91.6	92.4	92.4	92.0	91.6
630	81.1	84.8	87.7	90.1	91.3	91.8	92.6	92.8	92.6	92.2
800	81.3	85.0	87.9	90.4	91.6	92.1	92.9	93.2	93.1	92.9
1000	81.8	85.6	88.4	90.9	92.1	92.6	93.4	93.8	93.8	93.7
1250	82.4	86.2	89.1	91.6	92.8	93.2	94.0	94.6	94.6	94.7
1600	82.8	86.7	89.6	92.2	93.3	93.8	94.6	95.2	95.3	95.6
2000	82.4	86.3	89.2	91.8	92.9	93.3	94.2	94.9	95.1	95.6
2500	81.2	85.2	88.1	90.7	91.8	92.3	93.1	93.9	94.3	94.8
3150	79.6	83.6	86.5	89.2	90.3	90.7	91.5	92.5	92.9	93.2
4000	76.9	81.0	84.0	86.7	87.8	88.1	88.9	90.1	90.5	90.3
5000	72.9	77.1	80.2	83.0	84.1	84.4	85.2	86.4	86.6	86.0
6300	66.6	71.0	74.2	77.0	78.2	78.6	79.4	80.5	80.4	79.6
8000	57.7	62.1	65.4	68.3	69.5	70.0	70.8	71.7	71.5	70.6
10000	47.3	51.7	55.0	57.9	59.2	59.7	60.5	61.3	61.1	60.1

Tab. 115: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.7	55.7	55.6	55.6	55.6	55.6	55.6	55.7	55.7
25	62.0	61.9	61.9	61.9	61.9	61.8	61.9	61.9	61.9
31.5	67.5	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
40	72.3	72.3	72.2	72.2	72.2	72.2	72.2	72.2	72.2
50	76.5	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
63	80.1	80.0	80.0	79.9	79.9	79.9	79.9	80.0	80.0
80	83.1	83.0	83.0	82.9	82.9	82.9	82.9	83.0	83.0
100	85.2	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
125	86.2	86.1	86.1	86.0	86.0	86.1	86.1	86.1	86.1
160	86.8	86.7	86.7	86.6	86.6	86.7	86.7	86.7	86.8
200	87.5	87.4	87.4	87.3	87.3	87.4	87.4	87.4	87.5
250	88.6	88.5	88.4	88.4	88.4	88.5	88.5	88.5	88.6
315	89.6	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.6
400	90.5	90.4	90.3	90.3	90.3	90.4	90.5	90.5	90.6
500	91.3	91.2	91.2	91.2	91.3	91.4	91.4	91.5	91.6
630	92.1	92.0	92.1	92.1	92.2	92.3	92.4	92.5	92.6
800	92.8	92.9	93.0	93.1	93.2	93.3	93.4	93.5	93.6
1000	93.8	93.9	94.1	94.2	94.3	94.5	94.6	94.6	94.7
1250	94.9	95.1	95.3	95.4	95.5	95.6	95.6	95.6	95.6
1600	95.9	96.1	96.2	96.2	96.3	96.2	96.2	96.1	96.0
2000	95.9	95.9	95.9	95.8	95.7	95.6	95.5	95.4	95.3
2500	94.8	94.7	94.6	94.4	94.3	94.1	94.0	94.0	93.9
3150	93.0	92.7	92.5	92.3	92.2	92.0	91.9	91.9	91.8
4000	89.9	89.6	89.4	89.2	89.0	88.9	88.8	88.7	88.6
5000	85.5	85.1	84.9	84.7	84.6	84.4	84.3	84.2	84.1
6300	79.0	78.7	78.4	78.2	78.0	77.8	77.7	77.6	77.4
8000	69.9	69.5	69.3	69.0	68.8	68.6	68.4	68.3	68.2
10000	59.4	58.9	58.6	58.3	58.1	57.8	57.7	57.5	57.4

9.4 One-third octave band level E-138 EP3 E2-ST-111-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 116: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.9	51.3	53.2	54.7	55.3	55.8	56.4	56.4	56.3	56.0
25	54.7	57.3	59.3	60.9	61.6	62.0	62.6	62.7	62.5	62.3
31.5	59.8	62.5	64.6	66.3	67.0	67.5	68.2	68.2	68.0	67.8
40	64.1	67.0	69.3	71.1	71.8	72.3	73.0	73.1	72.9	72.6
50	67.9	70.9	73.3	75.2	75.9	76.4	77.1	77.2	77.0	76.8
63	71.2	74.3	76.7	78.7	79.5	80.0	80.7	80.8	80.6	80.3
80	74.0	77.1	79.6	81.6	82.5	83.0	83.7	83.8	83.6	83.3
100	76.0	79.2	81.7	83.8	84.7	85.2	86.0	86.0	85.8	85.5
125	77.1	80.3	82.9	85.0	85.8	86.4	87.1	87.1	86.8	86.5
160	77.9	81.1	83.7	85.8	86.7	87.2	88.0	87.8	87.5	87.1
200	78.8	82.0	84.5	86.7	87.6	88.2	88.9	88.7	88.3	87.8
250	79.9	83.1	85.7	87.8	88.8	89.4	90.1	89.8	89.4	88.9
315	80.8	84.1	86.7	88.9	89.8	90.4	91.1	90.8	90.4	89.9
400	81.4	84.8	87.5	89.7	90.7	91.3	92.0	91.7	91.3	90.8
500	81.6	85.2	88.0	90.3	91.2	91.8	92.5	92.4	92.0	91.6
630	81.7	85.3	88.2	90.5	91.5	92.1	92.8	92.8	92.6	92.2
800	81.9	85.5	88.4	90.8	91.7	92.3	93.1	93.2	93.1	92.9
1000	82.4	86.0	88.9	91.3	92.2	92.8	93.6	93.9	93.8	93.8
1250	82.9	86.6	89.5	92.0	92.9	93.4	94.3	94.6	94.7	94.8
1600	83.4	87.1	90.0	92.5	93.4	93.9	94.8	95.2	95.4	95.8
2000	82.8	86.6	89.6	92.1	92.9	93.4	94.3	94.9	95.2	95.7
2500	81.6	85.5	88.5	90.9	91.8	92.3	93.2	93.9	94.3	94.8
3150	79.9	83.7	86.8	89.3	90.1	90.5	91.5	92.4	92.8	93.0
4000	77.1	81.0	84.1	86.6	87.4	87.8	88.9	89.9	90.1	89.8
5000	72.8	76.8	80.0	82.6	83.4	83.8	84.9	85.9	85.8	85.1
6300	66.1	70.3	73.6	76.3	77.1	77.6	78.6	79.4	79.1	78.3
8000	56.5	60.7	64.1	66.8	67.8	68.3	69.3	69.9	69.4	68.5
10000	45.1	49.3	52.7	55.5	56.4	57.0	58.0	58.5	58.0	57.0

Tab. 117: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.9	55.8	55.8	55.8	55.7	55.8	55.8	55.8	55.8
25	62.1	62.1	62.0	62.0	62.0	62.0	62.0	62.0	62.0
31.5	67.6	67.6	67.5	67.5	67.5	67.5	67.5	67.5	67.6
40	72.5	72.4	72.4	72.3	72.3	72.3	72.4	72.4	72.4
50	76.6	76.6	76.5	76.5	76.5	76.5	76.5	76.5	76.6
63	80.2	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
80	83.2	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
100	85.3	85.3	85.2	85.2	85.2	85.2	85.2	85.2	85.3
125	86.3	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3
160	86.9	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9
200	87.6	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6
250	88.7	88.6	88.5	88.5	88.5	88.5	88.6	88.7	88.7
315	89.6	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.7
400	90.6	90.5	90.4	90.4	90.5	90.5	90.6	90.7	90.7
500	91.4	91.3	91.3	91.3	91.4	91.4	91.5	91.6	91.7
630	92.2	92.1	92.2	92.3	92.3	92.4	92.5	92.6	92.7
800	92.9	93.0	93.1	93.2	93.3	93.4	93.5	93.6	93.7
1000	93.9	94.0	94.2	94.3	94.5	94.6	94.7	94.7	94.8
1250	95.0	95.2	95.3	95.5	95.6	95.6	95.7	95.7	95.6
1600	96.0	96.2	96.2	96.3	96.2	96.2	96.2	96.1	96.0
2000	95.9	95.9	95.8	95.7	95.6	95.5	95.4	95.3	95.3
2500	94.7	94.6	94.4	94.2	94.1	94.0	93.9	93.8	93.7
3150	92.7	92.4	92.2	92.0	91.9	91.8	91.7	91.6	91.5
4000	89.4	89.1	88.9	88.7	88.6	88.5	88.3	88.2	88.2
5000	84.7	84.4	84.2	84.0	83.8	83.7	83.5	83.4	83.3
6300	77.8	77.5	77.2	77.0	76.8	76.7	76.5	76.4	76.3
8000	68.0	67.7	67.4	67.1	66.9	66.7	66.6	66.4	66.3
10000	56.4	56.0	55.7	55.4	55.2	55.0	54.8	54.6	54.5

9.5 One-third octave band level E-138 EP3 E2-ST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 118: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.4	51.8	53.7	55.0	55.6	56.1	56.6	56.6	56.4	56.1
25	55.3	57.8	59.8	61.2	61.8	62.4	62.9	62.8	62.6	62.4
31.5	60.3	63.0	65.1	66.7	67.3	67.9	68.4	68.4	68.1	67.9
40	64.7	67.5	69.8	71.5	72.1	72.7	73.2	73.2	73.0	72.7
50	68.5	71.4	73.8	75.5	76.2	76.8	77.4	77.4	77.1	76.9
63	71.8	74.8	77.2	79.0	79.7	80.4	81.0	80.9	80.7	80.4
80	74.6	77.7	80.2	82.0	82.7	83.4	84.0	83.9	83.7	83.4
100	76.7	79.8	82.3	84.2	85.0	85.6	86.2	86.1	85.9	85.6
125	77.8	80.9	83.4	85.3	86.1	86.8	87.4	87.2	86.9	86.6
160	78.6	81.7	84.2	86.2	86.9	87.6	88.2	87.9	87.5	87.2
200	79.4	82.5	85.1	87.0	87.8	88.5	89.1	88.7	88.3	87.9
250	80.5	83.7	86.3	88.2	89.0	89.7	90.2	89.9	89.4	89.0
315	81.4	84.6	87.3	89.2	90.0	90.7	91.3	90.8	90.3	89.9
400	82.0	85.3	88.1	90.1	90.9	91.6	92.1	91.7	91.2	90.8
500	82.2	85.7	88.5	90.6	91.4	92.1	92.7	92.4	92.0	91.6
630	82.3	85.8	88.7	90.9	91.7	92.3	93.0	92.9	92.6	92.3
800	82.5	86.0	89.0	91.1	91.9	92.6	93.3	93.3	93.1	93.0
1000	83.0	86.5	89.4	91.6	92.4	93.0	93.8	93.9	93.9	93.9
1250	83.5	87.1	90.1	92.2	93.0	93.6	94.5	94.7	94.7	94.9
1600	83.9	87.5	90.5	92.7	93.5	94.1	95.0	95.3	95.5	95.9
2000	83.3	87.0	90.0	92.2	92.9	93.6	94.5	94.9	95.3	95.7
2500	82.1	85.7	88.8	91.0	91.7	92.3	93.3	93.8	94.4	94.6
3150	80.2	83.9	86.9	89.2	89.9	90.4	91.6	92.2	92.7	92.6
4000	77.1	80.9	84.0	86.3	86.9	87.5	88.7	89.4	89.6	89.1
5000	72.5	76.4	79.6	81.9	82.6	83.1	84.4	85.0	84.7	84.0
6300	65.2	69.3	72.6	75.0	75.7	76.3	77.6	77.9	77.3	76.6
8000	54.7	58.8	62.1	64.6	65.4	66.0	67.2	67.4	66.7	65.9
10000	41.9	46.0	49.4	51.9	52.8	53.4	54.6	54.6	53.9	53.0

Tab. 119: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.0	56.0	56.0	55.9	55.9	56.0	56.0	56.0	56.0
25	62.3	62.2	62.2	62.2	62.1	62.2	62.2	62.2	62.2
31.5	67.8	67.8	67.7	67.7	67.7	67.7	67.7	67.7	67.8
40	72.6	72.6	72.5	72.5	72.5	72.5	72.5	72.6	72.6
50	76.8	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8
63	80.4	80.3	80.3	80.2	80.2	80.3	80.3	80.3	80.3
80	83.4	83.3	83.3	83.2	83.2	83.3	83.3	83.3	83.3
100	85.5	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5
125	86.5	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5
160	87.1	87.0	86.9	87.0	87.0	87.0	87.0	87.1	87.1
200	87.8	87.7	87.6	87.7	87.7	87.7	87.7	87.8	87.8
250	88.8	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.9
315	89.8	89.7	89.6	89.6	89.7	89.7	89.7	89.8	89.9
400	90.7	90.6	90.6	90.6	90.6	90.6	90.7	90.8	90.9
500	91.5	91.5	91.4	91.5	91.6	91.6	91.7	91.8	91.9
630	92.3	92.3	92.3	92.4	92.5	92.6	92.6	92.8	92.9
800	93.0	93.1	93.2	93.4	93.5	93.6	93.6	93.8	93.9
1000	94.0	94.2	94.3	94.5	94.6	94.7	94.8	94.8	94.9
1250	95.1	95.3	95.4	95.6	95.6	95.7	95.7	95.7	95.7
1600	96.1	96.2	96.3	96.3	96.2	96.2	96.1	96.0	96.0
2000	95.8	95.8	95.7	95.6	95.5	95.4	95.3	95.2	95.2
2500	94.5	94.4	94.2	94.0	93.9	93.8	93.7	93.6	93.5
3150	92.3	92.0	91.8	91.7	91.5	91.4	91.3	91.2	91.2
4000	88.8	88.5	88.3	88.1	87.9	87.9	87.7	87.6	87.6
5000	83.7	83.4	83.2	83.0	82.8	82.7	82.6	82.5	82.4
6300	76.2	75.9	75.6	75.4	75.2	75.1	74.9	74.8	74.7
8000	65.4	65.1	64.8	64.6	64.4	64.2	64.0	63.9	63.8
10000	52.5	52.1	51.8	51.5	51.3	51.1	50.9	50.8	50.6

9.6 One-third octave band level E-138 EP3 E2-ST-131-FB-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 120: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.4	51.8	53.7	55.0	55.6	56.1	56.6	56.6	56.4	56.1
25	55.3	57.8	59.8	61.2	61.8	62.4	62.9	62.8	62.6	62.4
31.5	60.3	63.0	65.1	66.7	67.3	67.9	68.4	68.4	68.1	67.9
40	64.7	67.5	69.8	71.5	72.1	72.7	73.2	73.2	73.0	72.7
50	68.5	71.4	73.8	75.5	76.2	76.8	77.4	77.4	77.1	76.9
63	71.8	74.8	77.2	79.0	79.7	80.4	81.0	80.9	80.7	80.4
80	74.6	77.7	80.2	82.0	82.7	83.4	84.0	83.9	83.7	83.4
100	76.7	79.8	82.3	84.2	85.0	85.6	86.2	86.1	85.9	85.6
125	77.8	80.9	83.4	85.3	86.1	86.8	87.4	87.2	86.9	86.6
160	78.6	81.7	84.2	86.2	86.9	87.6	88.2	87.9	87.5	87.2
200	79.4	82.5	85.1	87.0	87.8	88.5	89.1	88.7	88.3	87.9
250	80.5	83.7	86.3	88.2	89.0	89.7	90.2	89.9	89.4	89.0
315	81.4	84.6	87.3	89.2	90.0	90.7	91.3	90.8	90.3	89.9
400	82.0	85.3	88.1	90.1	90.9	91.6	92.1	91.7	91.2	90.8
500	82.2	85.7	88.5	90.6	91.4	92.1	92.7	92.4	92.0	91.6
630	82.3	85.8	88.7	90.9	91.7	92.3	93.0	92.9	92.6	92.3
800	82.5	86.0	89.0	91.1	91.9	92.6	93.3	93.3	93.1	93.0
1000	83.0	86.5	89.4	91.6	92.4	93.0	93.8	93.9	93.9	93.9
1250	83.5	87.1	90.1	92.2	93.0	93.6	94.5	94.7	94.7	94.9
1600	83.9	87.5	90.5	92.7	93.5	94.1	95.0	95.3	95.5	95.9
2000	83.3	87.0	90.0	92.2	92.9	93.6	94.5	94.9	95.3	95.7
2500	82.1	85.7	88.8	91.0	91.7	92.3	93.3	93.8	94.4	94.6
3150	80.2	83.9	86.9	89.2	89.9	90.4	91.6	92.2	92.7	92.6
4000	77.1	80.9	84.0	86.3	86.9	87.5	88.7	89.4	89.6	89.1
5000	72.5	76.4	79.6	81.9	82.6	83.1	84.4	85.0	84.7	84.0
6300	65.2	69.3	72.6	75.0	75.7	76.3	77.6	77.9	77.3	76.6
8000	54.7	58.8	62.1	64.6	65.4	66.0	67.2	67.4	66.7	65.9
10000	41.9	46.0	49.4	51.9	52.8	53.4	54.6	54.6	53.9	53.0

Tab. 121: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.0	56.0	56.0	55.9	55.9	56.0	56.0	56.0	56.0
25	62.3	62.2	62.2	62.2	62.1	62.2	62.2	62.2	62.2
31.5	67.8	67.8	67.7	67.7	67.7	67.7	67.7	67.7	67.8
40	72.6	72.6	72.5	72.5	72.5	72.5	72.5	72.6	72.6
50	76.8	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8
63	80.4	80.3	80.3	80.2	80.2	80.3	80.3	80.3	80.3
80	83.4	83.3	83.3	83.2	83.2	83.3	83.3	83.3	83.3
100	85.5	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5
125	86.5	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5
160	87.1	87.0	86.9	87.0	87.0	87.0	87.0	87.1	87.1
200	87.8	87.7	87.6	87.7	87.7	87.7	87.7	87.8	87.8
250	88.8	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.9
315	89.8	89.7	89.6	89.6	89.7	89.7	89.7	89.8	89.9
400	90.7	90.6	90.6	90.6	90.6	90.6	90.7	90.8	90.9
500	91.5	91.5	91.4	91.5	91.6	91.6	91.7	91.8	91.9
630	92.3	92.3	92.3	92.4	92.5	92.6	92.6	92.8	92.9
800	93.0	93.1	93.2	93.4	93.5	93.6	93.6	93.8	93.9
1000	94.0	94.2	94.3	94.5	94.6	94.7	94.8	94.8	94.9
1250	95.1	95.3	95.4	95.6	95.6	95.7	95.7	95.7	95.7
1600	96.1	96.2	96.3	96.3	96.2	96.2	96.1	96.0	96.0
2000	95.8	95.8	95.7	95.6	95.5	95.4	95.3	95.2	95.2
2500	94.5	94.4	94.2	94.0	93.9	93.8	93.7	93.6	93.5
3150	92.3	92.0	91.8	91.7	91.5	91.4	91.3	91.2	91.2
4000	88.8	88.5	88.3	88.1	87.9	87.9	87.7	87.6	87.6
5000	83.7	83.4	83.2	83.0	82.8	82.7	82.6	82.5	82.4
6300	76.2	75.9	75.6	75.4	75.2	75.1	74.9	74.8	74.7
8000	65.4	65.1	64.8	64.6	64.4	64.2	64.0	63.9	63.8
10000	52.5	52.1	51.8	51.5	51.3	51.1	50.9	50.8	50.6

9.7 One-third octave band level E-138 EP3 E2-HST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 122: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.4	51.8	53.7	55.0	55.6	56.1	56.6	56.6	56.4	56.1
25	55.3	57.8	59.8	61.2	61.8	62.4	62.9	62.8	62.6	62.4
31.5	60.3	63.0	65.1	66.7	67.3	67.9	68.4	68.4	68.1	67.9
40	64.7	67.5	69.8	71.5	72.1	72.7	73.2	73.2	73.0	72.7
50	68.5	71.4	73.8	75.5	76.2	76.8	77.4	77.4	77.1	76.9
63	71.8	74.8	77.2	79.0	79.7	80.4	81.0	80.9	80.7	80.4
80	74.6	77.7	80.2	82.0	82.7	83.4	84.0	83.9	83.7	83.4
100	76.7	79.8	82.3	84.2	85.0	85.6	86.2	86.1	85.9	85.6
125	77.8	80.9	83.4	85.3	86.1	86.8	87.4	87.2	86.9	86.6
160	78.6	81.7	84.2	86.2	86.9	87.6	88.2	87.9	87.5	87.2
200	79.4	82.5	85.1	87.0	87.8	88.5	89.1	88.7	88.3	87.9
250	80.5	83.7	86.3	88.2	89.0	89.7	90.2	89.9	89.4	89.0
315	81.4	84.6	87.3	89.2	90.0	90.7	91.3	90.8	90.3	89.9
400	82.0	85.3	88.1	90.1	90.9	91.6	92.1	91.7	91.2	90.8
500	82.2	85.7	88.5	90.6	91.4	92.1	92.7	92.4	92.0	91.6
630	82.3	85.8	88.7	90.9	91.7	92.3	93.0	92.9	92.6	92.3
800	82.5	86.0	89.0	91.1	91.9	92.6	93.3	93.3	93.1	93.0
1000	83.0	86.5	89.4	91.6	92.4	93.0	93.8	93.9	93.9	93.9
1250	83.5	87.1	90.1	92.2	93.0	93.6	94.5	94.7	94.7	94.9
1600	83.9	87.5	90.5	92.7	93.5	94.1	95.0	95.3	95.5	95.9
2000	83.3	87.0	90.0	92.2	92.9	93.6	94.5	94.9	95.3	95.7
2500	82.1	85.7	88.8	91.0	91.7	92.3	93.3	93.8	94.4	94.6
3150	80.2	83.9	86.9	89.2	89.9	90.4	91.6	92.2	92.7	92.6
4000	77.1	80.9	84.0	86.3	86.9	87.5	88.7	89.4	89.6	89.1
5000	72.5	76.4	79.6	81.9	82.6	83.1	84.4	85.0	84.7	84.0
6300	65.2	69.3	72.6	75.0	75.7	76.3	77.6	77.9	77.3	76.6
8000	54.7	58.8	62.1	64.6	65.4	66.0	67.2	67.4	66.7	65.9
10000	41.9	46.0	49.4	51.9	52.8	53.4	54.6	54.6	53.9	53.0

Tab. 123: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.0	56.0	56.0	55.9	55.9	56.0	56.0	56.0	56.0
25	62.3	62.2	62.2	62.2	62.1	62.2	62.2	62.2	62.2
31.5	67.8	67.8	67.7	67.7	67.7	67.7	67.7	67.7	67.8
40	72.6	72.6	72.5	72.5	72.5	72.5	72.5	72.6	72.6
50	76.8	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.8
63	80.4	80.3	80.3	80.2	80.2	80.3	80.3	80.3	80.3
80	83.4	83.3	83.3	83.2	83.2	83.3	83.3	83.3	83.3
100	85.5	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5
125	86.5	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.5
160	87.1	87.0	86.9	87.0	87.0	87.0	87.0	87.1	87.1
200	87.8	87.7	87.6	87.7	87.7	87.7	87.7	87.8	87.8
250	88.8	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.9
315	89.8	89.7	89.6	89.6	89.7	89.7	89.7	89.8	89.9
400	90.7	90.6	90.6	90.6	90.6	90.6	90.7	90.8	90.9
500	91.5	91.5	91.4	91.5	91.6	91.6	91.7	91.8	91.9
630	92.3	92.3	92.3	92.4	92.5	92.6	92.6	92.8	92.9
800	93.0	93.1	93.2	93.4	93.5	93.6	93.6	93.8	93.9
1000	94.0	94.2	94.3	94.5	94.6	94.7	94.8	94.8	94.9
1250	95.1	95.3	95.4	95.6	95.6	95.7	95.7	95.7	95.7
1600	96.1	96.2	96.3	96.3	96.2	96.2	96.1	96.0	96.0
2000	95.8	95.8	95.7	95.6	95.5	95.4	95.3	95.2	95.2
2500	94.5	94.4	94.2	94.0	93.9	93.8	93.7	93.6	93.5
3150	92.3	92.0	91.8	91.7	91.5	91.4	91.3	91.2	91.2
4000	88.8	88.5	88.3	88.1	87.9	87.9	87.7	87.6	87.6
5000	83.7	83.4	83.2	83.0	82.8	82.7	82.6	82.5	82.4
6300	76.2	75.9	75.6	75.4	75.2	75.1	74.9	74.8	74.7
8000	65.4	65.1	64.8	64.6	64.4	64.2	64.0	63.9	63.8
10000	52.5	52.1	51.8	51.5	51.3	51.1	50.9	50.8	50.6

9.8 One-third octave band level E-138 EP3 E2-HT-149-ES-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 124: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.9	52.1	54.1	55.3	55.8	56.4	56.8	56.7	56.5	56.3
25	55.7	58.1	60.2	61.5	62.0	62.6	63.1	63.0	62.7	62.5
31.5	60.8	63.4	65.6	67.0	67.5	68.2	68.6	68.5	68.2	68.0
40	65.2	67.9	70.2	71.8	72.3	73.0	73.5	73.3	73.1	72.9
50	69.0	71.9	74.3	75.9	76.4	77.1	77.6	77.5	77.2	77.0
63	72.3	75.2	77.7	79.4	80.0	80.6	81.2	81.1	80.8	80.6
80	75.1	78.1	80.6	82.3	83.0	83.7	84.2	84.1	83.8	83.6
100	77.2	80.2	82.8	84.5	85.2	85.9	86.4	86.3	86.0	85.7
125	78.3	81.3	83.9	85.7	86.3	87.1	87.6	87.3	87.0	86.7
160	79.1	82.1	84.7	86.5	87.2	87.9	88.3	88.0	87.6	87.3
200	79.9	83.0	85.6	87.3	88.1	88.8	89.2	88.8	88.3	88.0
250	81.0	84.1	86.7	88.5	89.2	90.0	90.4	89.9	89.4	89.1
315	81.9	85.0	87.7	89.5	90.3	91.0	91.3	90.9	90.4	90.0
400	82.5	85.8	88.5	90.4	91.1	91.9	92.2	91.8	91.2	90.9
500	82.7	86.1	89.0	90.9	91.6	92.4	92.8	92.4	92.0	91.7
630	82.8	86.3	89.2	91.1	91.9	92.6	93.2	92.9	92.6	92.4
800	83.0	86.4	89.4	91.4	92.1	92.8	93.5	93.4	93.2	93.1
1000	83.4	86.9	89.9	91.8	92.5	93.2	94.0	94.0	93.9	94.0
1250	84.0	87.5	90.5	92.4	93.1	93.8	94.6	94.7	94.8	95.0
1600	84.3	87.9	90.9	92.9	93.5	94.2	95.1	95.3	95.6	95.9
2000	83.7	87.3	90.3	92.3	92.9	93.6	94.6	94.9	95.4	95.7
2500	82.3	85.9	89.0	91.0	91.6	92.3	93.4	93.8	94.4	94.5
3150	80.3	83.9	87.0	89.0	89.6	90.3	91.5	92.0	92.5	92.2
4000	77.0	80.8	83.9	85.9	86.5	87.1	88.5	89.0	89.0	88.5
5000	72.1	75.9	79.2	81.2	81.8	82.4	83.9	84.2	83.7	83.1
6300	64.3	68.3	71.6	73.8	74.4	75.0	76.4	76.5	75.8	75.1
8000	52.9	56.9	60.4	62.6	63.3	64.0	65.2	65.1	64.3	63.6
10000	39.0	43.0	46.4	48.7	49.4	50.1	51.3	51.2	50.3	49.4

Tab. 125: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.2	56.2	56.1	56.1	56.1	56.1	56.1	56.1	56.1
25	62.4	62.4	62.4	62.3	62.3	62.3	62.4	62.4	62.4
31.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
40	72.8	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
50	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
63	80.5	80.5	80.4	80.4	80.4	80.4	80.4	80.4	80.4
80	83.5	83.5	83.4	83.4	83.4	83.4	83.4	83.4	83.4
100	85.6	85.6	85.6	85.5	85.5	85.5	85.6	85.6	85.6
125	86.6	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6
160	87.2	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.3
200	87.9	87.8	87.8	87.8	87.8	87.8	87.9	87.9	88.0
250	88.9	88.9	88.8	88.8	88.9	88.9	88.9	89.0	89.0
315	89.9	89.8	89.8	89.8	89.8	89.8	89.9	89.9	90.0
400	90.8	90.7	90.7	90.7	90.7	90.8	90.9	91.0	91.1
500	91.6	91.5	91.6	91.6	91.7	91.8	91.8	91.9	92.1
630	92.4	92.4	92.4	92.5	92.6	92.7	92.8	92.9	93.0
800	93.1	93.2	93.4	93.5	93.6	93.7	93.8	93.8	93.9
1000	94.1	94.3	94.4	94.6	94.7	94.8	94.9	94.9	94.9
1250	95.2	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.7
1600	96.1	96.2	96.3	96.3	96.2	96.2	96.1	96.0	95.9
2000	95.8	95.8	95.7	95.6	95.4	95.3	95.2	95.2	95.0
2500	94.3	94.2	94.0	93.9	93.7	93.6	93.5	93.4	93.3
3150	91.9	91.7	91.5	91.4	91.2	91.1	91.0	90.9	90.8
4000	88.2	87.9	87.8	87.6	87.4	87.3	87.2	87.1	87.0
5000	82.8	82.5	82.3	82.1	82.0	81.8	81.7	81.6	81.5
6300	74.7	74.5	74.2	74.0	73.8	73.7	73.5	73.4	73.3
8000	63.1	62.8	62.6	62.3	62.1	61.9	61.8	61.6	61.5
10000	49.0	48.6	48.3	48.0	47.8	47.6	47.4	47.3	47.1

9.9 One-third octave band level E-138 EP3 E2-HT-160-ES-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 126: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	50.1	52.3	54.2	55.5	55.9	56.6	56.9	56.8	56.5	56.4
25	55.9	58.3	60.4	61.7	62.2	62.8	63.2	63.1	62.8	62.6
31.5	61.0	63.6	65.8	67.2	67.7	68.3	68.7	68.6	68.3	68.1
40	65.5	68.2	70.4	71.9	72.4	73.1	73.5	73.4	73.1	73.0
50	69.3	72.1	74.5	76.0	76.6	77.3	77.7	77.6	77.3	77.1
63	72.6	75.5	77.9	79.5	80.1	80.8	81.3	81.2	80.9	80.7
80	75.4	78.3	80.9	82.5	83.1	83.8	84.3	84.2	83.9	83.7
100	77.4	80.4	83.0	84.7	85.3	86.1	86.5	86.4	86.0	85.8
125	78.5	81.6	84.1	85.8	86.5	87.2	87.6	87.4	87.0	86.8
160	79.3	82.3	84.9	86.6	87.3	88.1	88.4	88.1	87.6	87.4
200	80.1	83.2	85.8	87.5	88.2	89.0	89.2	88.8	88.4	88.1
250	81.2	84.3	86.9	88.7	89.3	90.2	90.4	89.9	89.4	89.1
315	82.1	85.3	87.9	89.7	90.3	91.2	91.4	90.9	90.4	90.1
400	82.7	86.0	88.7	90.5	91.2	92.0	92.2	91.8	91.3	91.0
500	83.0	86.4	89.2	91.0	91.7	92.5	92.8	92.4	92.0	91.7
630	83.0	86.5	89.4	91.3	91.9	92.8	93.2	92.9	92.6	92.4
800	83.2	86.7	89.6	91.5	92.1	92.9	93.5	93.4	93.2	93.1
1000	83.6	87.1	90.0	92.0	92.6	93.4	94.0	94.0	94.0	94.0
1250	84.2	87.7	90.6	92.6	93.2	93.9	94.7	94.8	94.9	95.1
1600	84.5	88.0	91.0	93.0	93.6	94.3	95.1	95.4	95.6	96.0
2000	83.9	87.4	90.4	92.4	92.9	93.7	94.6	94.9	95.4	95.7
2500	82.4	86.0	89.1	91.0	91.6	92.3	93.3	93.8	94.3	94.4
3150	80.3	83.9	87.0	89.0	89.5	90.2	91.4	91.9	92.3	92.0
4000	76.9	80.6	83.8	85.7	86.2	86.8	88.2	88.8	88.7	88.1
5000	71.8	75.6	78.8	80.8	81.3	81.9	83.4	83.7	83.1	82.6
6300	63.7	67.6	71.0	73.1	73.6	74.3	75.6	75.7	74.9	74.2
8000	51.8	55.8	59.2	61.3	62.0	62.7	63.8	63.7	62.8	62.1
10000	37.1	41.1	44.5	46.7	47.4	48.1	49.2	49.1	48.1	47.3

Tab. 127: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	56.3	56.3	56.2	56.2	56.2	56.2	56.2	56.2	56.2
25	62.5	62.5	62.4	62.4	62.5	62.4	62.4	62.5	62.5
31.5	68.0	68.0	67.9	67.9	68.0	68.0	68.0	68.0	68.0
40	72.9	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
50	77.0	77.0	76.9	76.9	77.0	76.9	76.9	77.0	77.0
63	80.6	80.6	80.5	80.5	80.5	80.5	80.5	80.5	80.5
80	83.6	83.6	83.5	83.5	83.5	83.5	83.5	83.5	83.5
100	85.7	85.7	85.6	85.6	85.6	85.6	85.6	85.7	85.7
125	86.7	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7
160	87.3	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.4
200	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.1
250	89.0	88.9	88.9	88.9	88.9	89.0	89.0	89.1	89.1
315	89.9	89.8	89.8	89.8	89.9	89.9	90.0	90.0	90.1
400	90.8	90.7	90.8	90.8	90.8	90.9	90.9	91.1	91.2
500	91.6	91.6	91.6	91.7	91.7	91.8	91.9	92.0	92.1
630	92.4	92.4	92.5	92.6	92.7	92.7	92.8	93.0	93.1
800	93.2	93.3	93.4	93.5	93.6	93.7	93.8	93.9	94.0
1000	94.2	94.3	94.5	94.6	94.7	94.8	94.9	94.9	95.0
1250	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7
1600	96.1	96.2	96.2	96.2	96.2	96.1	96.1	96.0	95.9
2000	95.7	95.7	95.6	95.5	95.4	95.3	95.2	95.1	95.0
2500	94.2	94.1	93.9	93.7	93.6	93.5	93.4	93.3	93.2
3150	91.7	91.5	91.3	91.2	91.1	90.9	90.8	90.7	90.6
4000	87.8	87.6	87.4	87.2	87.1	87.0	86.8	86.7	86.7
5000	82.2	82.0	81.7	81.6	81.4	81.3	81.1	81.0	80.9
6300	73.9	73.6	73.3	73.1	73.0	72.8	72.7	72.5	72.4
8000	61.7	61.4	61.1	60.9	60.7	60.5	60.4	60.2	60.1
10000	46.8	46.5	46.1	45.9	45.7	45.5	45.3	45.1	45.0

10 Operating mode 2000 kW s

10.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 128: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre freq. in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	51.3	52.6	53.8	54.8	55.5	55.7	55.7	56.2	56.2	55.9	55.8
25	57.2	58.6	59.9	61.0	61.7	61.9	62.0	62.5	62.4	62.2	62.0
31.5	62.4	63.9	65.3	66.5	67.1	67.4	67.5	68.0	67.9	67.7	67.5
40	66.9	68.5	70.0	71.2	71.9	72.2	72.3	72.8	72.7	72.5	72.3
50	70.8	72.5	74.0	75.3	76.0	76.3	76.5	77.0	76.9	76.6	76.5
63	74.1	75.8	77.4	78.8	79.5	79.8	80.0	80.5	80.4	80.2	80.0
80	77.0	78.7	80.4	81.8	82.5	82.8	83.1	83.5	83.4	83.2	83.0
100	79.1	80.9	82.5	83.9	84.7	85.0	85.3	85.7	85.6	85.3	85.2
125	80.2	81.9	83.6	85.1	85.8	86.2	86.5	86.8	86.6	86.3	86.1
160	81.0	82.7	84.4	85.8	86.6	87.0	87.3	87.6	87.3	87.0	86.8
200	81.8	83.6	85.3	86.7	87.5	87.9	88.2	88.4	88.1	87.7	87.5
250	82.9	84.7	86.5	87.9	88.7	89.1	89.4	89.5	89.2	88.8	88.6
315	83.9	85.7	87.5	88.9	89.7	90.1	90.4	90.5	90.2	89.8	89.5
400	84.6	86.5	88.3	89.8	90.6	90.9	91.3	91.4	91.1	90.7	90.4
500	84.9	86.9	88.8	90.3	91.1	91.5	91.9	92.1	91.8	91.4	91.2
630	85.0	87.0	89.0	90.5	91.4	91.7	92.1	92.5	92.3	92.1	91.9
800	85.2	87.2	89.2	90.8	91.6	91.9	92.4	92.9	92.8	92.6	92.5
1000	85.7	87.7	89.7	91.3	92.1	92.4	92.8	93.4	93.4	93.4	93.4
1250	86.3	88.3	90.3	92.0	92.8	93.1	93.5	94.1	94.2	94.3	94.4
1600	86.7	88.8	90.7	92.4	93.2	93.5	93.9	94.7	94.9	95.0	95.3
2000	86.2	88.3	90.2	91.9	92.7	93.0	93.4	94.3	94.5	94.9	95.2
2500	84.9	87.0	89.0	90.7	91.5	91.8	92.2	93.2	93.5	94.0	94.1
3150	83.0	85.2	87.2	88.9	89.7	89.9	90.3	91.5	91.9	92.2	92.1
4000	80.1	82.2	84.3	86.0	86.8	87.0	87.4	88.8	89.1	89.0	88.6
5000	75.5	77.8	79.8	81.6	82.4	82.6	83.0	84.4	84.5	84.0	83.5
6300	68.4	70.7	72.8	74.7	75.5	75.8	76.2	77.3	77.3	76.6	76.1
8000	57.8	60.2	62.4	64.3	65.2	65.5	66.0	66.9	66.7	66.0	65.4

One-third octave band level centre freq. in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	45.1	47.5	49.7	51.6	52.5	52.8	53.4	54.1	54.0	53.2	52.5

Tab. 129: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	55.7	55.7	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
25	61.9	61.9	61.9	61.9	61.8	61.8	61.8	61.8	61.8	61.8
31.5	67.5	67.4	67.4	67.4	67.3	67.3	67.4	67.3	67.3	67.4
40	72.3	72.2	72.2	72.2	72.1	72.1	72.2	72.1	72.1	72.2
50	76.4	76.4	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
63	79.9	79.9	79.9	79.8	79.8	79.8	79.8	79.8	79.8	79.8
80	82.9	82.9	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
100	85.1	85.0	85.0	85.0	84.9	84.9	85.0	84.9	84.9	85.0
125	86.0	86.0	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
160	86.6	86.6	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6
200	87.4	87.3	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.3
250	88.4	88.3	88.3	88.3	88.2	88.2	88.3	88.3	88.3	88.3
315	89.4	89.3	89.2	89.2	89.2	89.2	89.2	89.2	89.3	89.3
400	90.3	90.2	90.2	90.2	90.1	90.1	90.2	90.2	90.2	90.3
500	91.1	91.0	91.0	91.0	91.0	91.0	91.1	91.1	91.2	91.3
630	91.8	91.8	91.8	91.9	91.9	91.9	92.0	92.1	92.1	92.2
800	92.6	92.6	92.7	92.8	92.8	92.9	93.0	93.0	93.1	93.2
1000	93.5	93.6	93.7	93.8	93.9	94.0	94.1	94.1	94.2	94.3
1250	94.6	94.7	94.8	94.9	95.0	95.0	95.1	95.1	95.2	95.2
1600	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.6	95.6
2000	95.3	95.3	95.3	95.2	95.2	95.1	95.0	94.9	94.9	94.8
2500	94.0	93.9	93.8	93.7	93.6	93.5	93.4	93.3	93.2	93.2
3150	91.8	91.6	91.5	91.4	91.2	91.1	91.1	90.9	90.9	90.8
4000	88.3	88.1	87.9	87.8	87.7	87.5	87.5	87.3	87.3	87.2
5000	83.2	83.0	82.8	82.7	82.6	82.4	82.3	82.2	82.1	82.0
6300	75.7	75.5	75.3	75.1	75.0	74.8	74.7	74.6	74.5	74.4
8000	65.0	64.8	64.5	64.3	64.2	64.0	63.9	63.7	63.6	63.5
10000	52.1	51.8	51.5	51.3	51.1	50.9	50.8	50.6	50.5	50.4

10.2 One-third octave band level E-138 EP3 E2-ST-81-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 130: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.9	50.5	52.3	53.9	55.0	55.2	55.6	55.6	55.4	55.2
25	53.6	56.4	58.4	60.1	61.2	61.5	61.9	61.9	61.6	61.5
31.5	58.7	61.6	63.7	65.5	66.7	67.0	67.4	67.4	67.1	67.0
40	63.0	66.0	68.3	70.2	71.4	71.8	72.2	72.2	71.9	71.8
50	66.8	69.9	72.3	74.3	75.5	75.9	76.4	76.4	76.1	75.9
63	70.0	73.2	75.7	77.7	79.1	79.5	79.9	79.9	79.6	79.5
80	72.8	76.1	78.6	80.7	82.0	82.5	83.0	82.9	82.6	82.5
100	74.9	78.2	80.7	82.9	84.2	84.7	85.2	85.1	84.8	84.6
125	76.0	79.3	81.8	84.0	85.4	85.9	86.3	86.1	85.7	85.6
160	76.8	80.1	82.6	84.8	86.2	86.7	87.1	86.8	86.4	86.2
200	77.6	81.0	83.5	85.7	87.1	87.6	87.9	87.6	87.1	86.9
250	78.8	82.1	84.7	86.9	88.3	88.8	89.1	88.7	88.3	88.0
315	79.6	83.1	85.7	87.9	89.4	89.9	90.1	89.7	89.2	89.0
400	80.2	83.8	86.5	88.8	90.2	90.8	91.1	90.7	90.2	89.9
500	80.4	84.1	86.9	89.3	90.8	91.3	91.7	91.4	91.0	90.8
630	80.5	84.2	87.1	89.6	91.1	91.6	92.1	92.0	91.6	91.5
800	80.7	84.5	87.3	89.9	91.4	91.9	92.5	92.5	92.3	92.3
1000	81.2	85.0	87.9	90.4	91.9	92.4	93.1	93.2	93.1	93.2
1250	81.8	85.6	88.6	91.1	92.6	93.1	93.8	94.1	94.2	94.4
1600	82.3	86.1	89.1	91.7	93.2	93.7	94.5	94.8	95.1	95.4
2000	81.8	85.7	88.7	91.3	92.8	93.3	94.2	94.7	95.2	95.4
2500	80.8	84.7	87.7	90.3	91.8	92.3	93.3	93.9	94.4	94.4
3150	79.2	83.2	86.3	88.9	90.4	90.8	91.9	92.6	92.8	92.6
4000	76.7	80.8	84.0	86.6	88.1	88.5	89.8	90.4	90.1	89.7
5000	72.9	77.2	80.4	83.1	84.6	85.1	86.3	86.7	86.0	85.5
6300	67.1	71.4	74.8	77.6	79.2	79.7	80.8	80.9	80.0	79.5
8000	58.9	63.2	66.6	69.5	71.2	71.8	72.7	72.6	71.7	71.1
10000	49.5	53.8	57.2	60.2	61.9	62.4	63.3	63.2	62.2	61.5

Tab. 131: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.2	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2
25	61.4	61.3	61.4	61.3	61.3	61.4	61.4	61.4	61.4
31.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.0
40	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8
50	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9
63	79.4	79.3	79.4	79.3	79.3	79.4	79.4	79.4	79.5
80	82.4	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.5
100	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
125	85.5	85.4	85.4	85.5	85.5	85.5	85.5	85.6	85.6
160	86.1	86.1	86.0	86.1	86.1	86.1	86.2	86.2	86.3
200	86.8	86.8	86.8	86.8	86.8	86.9	86.9	87.0	87.0
250	87.9	87.9	87.8	87.9	87.9	87.9	88.0	88.1	88.1
315	88.9	88.8	88.8	88.9	88.9	88.9	89.0	89.1	89.2
400	89.8	89.8	89.8	89.8	89.9	90.0	90.0	90.1	90.2
500	90.7	90.7	90.7	90.8	90.8	90.9	91.0	91.1	91.2
630	91.5	91.6	91.6	91.7	91.8	91.9	92.0	92.1	92.2
800	92.3	92.5	92.6	92.7	92.8	92.9	93.0	93.1	93.2
1000	93.4	93.6	93.7	93.8	93.9	94.0	94.1	94.2	94.2
1250	94.6	94.7	94.8	95.0	95.0	95.1	95.1	95.0	95.0
1600	95.6	95.7	95.7	95.7	95.7	95.6	95.6	95.5	95.4
2000	95.4	95.3	95.3	95.2	95.1	95.0	94.9	94.8	94.8
2500	94.2	94.1	93.9	93.8	93.7	93.6	93.5	93.4	93.4
3150	92.3	92.1	91.9	91.8	91.7	91.6	91.5	91.4	91.4
4000	89.4	89.2	89.0	88.9	88.7	88.6	88.5	88.4	88.4
5000	85.2	85.0	84.8	84.6	84.5	84.4	84.3	84.1	84.1
6300	79.1	78.9	78.7	78.5	78.3	78.2	78.1	77.9	77.9
8000	70.7	70.4	70.2	70.0	69.8	69.6	69.5	69.4	69.3
10000	61.1	60.7	60.5	60.2	60.0	59.8	59.7	59.5	59.5

10.3 One-third octave band level E-138 EP3 E2-ST-96-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 132: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.4	51.0	52.8	54.4	55.2	55.4	55.9	55.7	55.5	55.3
25	54.2	56.9	58.8	60.5	61.4	61.6	62.1	61.9	61.7	61.6
31.5	59.2	62.1	64.2	66.0	66.9	67.1	67.7	67.5	67.2	67.1
40	63.6	66.6	68.8	70.7	71.7	72.0	72.5	72.3	72.0	71.9
50	67.3	70.5	72.8	74.8	75.8	76.1	76.6	76.4	76.2	76.0
63	70.6	73.8	76.2	78.3	79.3	79.7	80.2	80.0	79.7	79.6
80	73.4	76.7	79.1	81.2	82.3	82.7	83.2	83.0	82.7	82.6
100	75.5	78.8	81.2	83.4	84.5	84.9	85.4	85.1	84.8	84.7
125	76.6	79.9	82.4	84.5	85.6	86.1	86.5	86.1	85.8	85.7
160	77.4	80.7	83.2	85.4	86.5	86.9	87.2	86.8	86.4	86.3
200	78.3	81.5	84.1	86.2	87.4	87.9	88.1	87.6	87.2	87.0
250	79.4	82.7	85.2	87.4	88.6	89.1	89.2	88.7	88.3	88.1
315	80.3	83.6	86.2	88.5	89.6	90.1	90.2	89.7	89.3	89.1
400	80.8	84.3	87.0	89.3	90.5	91.0	91.1	90.6	90.2	90.0
500	81.1	84.7	87.5	89.9	91.0	91.6	91.8	91.3	91.0	90.8
630	81.1	84.8	87.7	90.1	91.3	91.8	92.3	91.9	91.7	91.6
800	81.3	85.0	87.9	90.4	91.6	92.1	92.7	92.5	92.4	92.4
1000	81.8	85.6	88.4	90.9	92.1	92.6	93.3	93.2	93.2	93.4
1250	82.4	86.2	89.1	91.6	92.8	93.3	94.1	94.1	94.3	94.5
1600	82.8	86.7	89.6	92.2	93.3	93.8	94.7	94.9	95.3	95.5
2000	82.4	86.3	89.2	91.8	92.9	93.4	94.4	94.8	95.3	95.4
2500	81.2	85.2	88.1	90.7	91.8	92.3	93.5	94.0	94.3	94.2
3150	79.6	83.6	86.5	89.2	90.3	90.7	92.1	92.6	92.6	92.3
4000	76.9	81.0	84.0	86.7	87.8	88.2	89.8	90.0	89.5	89.2
5000	72.9	77.1	80.2	83.0	84.1	84.5	86.0	85.8	85.1	84.7
6300	66.6	71.0	74.2	77.0	78.2	78.7	79.9	79.5	78.7	78.2
8000	57.7	62.1	65.4	68.3	69.5	70.1	71.1	70.5	69.6	69.1
10000	47.3	51.7	55.0	57.9	59.2	59.8	60.7	60.1	59.1	58.6

Tab. 133: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.3	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.4
25	61.6	61.5	61.5	61.5	61.5	61.5	61.5	61.6	61.6
31.5	67.1	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1
40	71.9	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9
50	76.0	75.9	76.0	75.9	76.0	76.0	76.0	76.0	76.1
63	79.6	79.5	79.5	79.5	79.5	79.5	79.5	79.6	79.6
80	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6
100	84.7	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7
125	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.8
160	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.4	86.4
200	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.1	87.2
250	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.2	88.3
315	89.0	88.9	88.9	88.9	89.0	89.1	89.1	89.2	89.3
400	89.9	89.9	89.9	89.9	90.0	90.1	90.2	90.3	90.4
500	90.8	90.8	90.8	90.9	91.0	91.1	91.1	91.3	91.4
630	91.6	91.7	91.7	91.8	91.9	92.0	92.1	92.2	92.3
800	92.5	92.6	92.7	92.8	92.9	93.0	93.1	93.2	93.3
1000	93.5	93.7	93.8	93.9	94.0	94.1	94.2	94.3	94.3
1250	94.7	94.8	94.9	95.0	95.1	95.1	95.1	95.1	95.0
1600	95.7	95.7	95.7	95.7	95.7	95.6	95.5	95.5	95.4
2000	95.4	95.3	95.2	95.1	95.0	94.9	94.8	94.8	94.7
2500	94.1	93.9	93.8	93.6	93.5	93.4	93.4	93.3	93.2
3150	92.0	91.8	91.7	91.5	91.4	91.3	91.2	91.2	91.1
4000	88.9	88.7	88.6	88.4	88.3	88.2	88.1	88.0	87.9
5000	84.5	84.2	84.1	83.9	83.8	83.6	83.5	83.4	83.4
6300	78.0	77.7	77.5	77.3	77.2	77.0	76.9	76.8	76.7
8000	68.8	68.5	68.3	68.1	67.9	67.8	67.6	67.5	67.4
10000	58.2	57.8	57.6	57.3	57.2	57.0	56.8	56.7	56.6

10.4 One-third octave band level E-138 EP3 E2-ST-111-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 134: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.9	51.3	53.2	54.7	55.3	55.6	56.0	55.8	55.6	55.5
25	54.7	57.3	59.3	60.9	61.6	61.8	62.2	62.0	61.8	61.7
31.5	59.8	62.5	64.6	66.3	67.0	67.3	67.8	67.5	67.3	67.2
40	64.1	67.0	69.3	71.1	71.8	72.2	72.6	72.3	72.1	72.0
50	67.9	70.9	73.3	75.2	75.9	76.3	76.7	76.5	76.3	76.2
63	71.2	74.3	76.7	78.7	79.5	79.9	80.3	80.0	79.8	79.7
80	74.0	77.1	79.6	81.6	82.5	82.9	83.3	83.0	82.8	82.7
100	76.0	79.2	81.7	83.8	84.7	85.1	85.5	85.2	84.9	84.8
125	77.1	80.3	82.9	85.0	85.8	86.3	86.5	86.2	85.9	85.8
160	77.9	81.1	83.7	85.8	86.7	87.2	87.3	86.8	86.5	86.4
200	78.8	82.0	84.5	86.7	87.6	88.1	88.1	87.6	87.2	87.1
250	79.9	83.1	85.7	87.8	88.8	89.3	89.2	88.7	88.3	88.2
315	80.8	84.1	86.7	88.9	89.8	90.3	90.2	89.7	89.3	89.1
400	81.4	84.8	87.5	89.7	90.7	91.2	91.1	90.6	90.2	90.1
500	81.6	85.2	88.0	90.3	91.2	91.8	91.8	91.3	91.0	90.9
630	81.7	85.3	88.2	90.5	91.5	92.0	92.3	91.9	91.7	91.7
800	81.9	85.5	88.4	90.8	91.7	92.3	92.7	92.5	92.4	92.5
1000	82.4	86.0	88.9	91.3	92.2	92.8	93.3	93.3	93.3	93.5
1250	82.9	86.6	89.5	92.0	92.9	93.4	94.1	94.2	94.4	94.6
1600	83.4	87.1	90.0	92.5	93.4	93.9	94.7	95.0	95.4	95.6
2000	82.8	86.6	89.6	92.1	92.9	93.5	94.4	94.9	95.3	95.4
2500	81.6	85.5	88.5	90.9	91.8	92.3	93.5	94.0	94.2	94.1
3150	79.9	83.7	86.8	89.3	90.1	90.6	92.0	92.5	92.3	92.0
4000	77.1	81.0	84.1	86.6	87.4	88.0	89.4	89.5	89.0	88.7
5000	72.8	76.8	80.0	82.6	83.4	84.0	85.3	85.0	84.3	84.0
6300	66.1	70.3	73.6	76.3	77.1	77.8	78.8	78.2	77.4	77.1
8000	56.5	60.7	64.1	66.8	67.8	68.5	69.2	68.5	67.7	67.2
10000	45.1	49.3	52.7	55.5	56.4	57.2	57.8	57.0	56.1	55.6

Tab. 135: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5	55.5
25	61.7	61.7	61.7	61.6	61.7	61.6	61.7	61.7	61.7
31.5	67.2	67.2	67.2	67.1	67.2	67.1	67.2	67.2	67.2
40	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
50	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.2
63	79.7	79.7	79.7	79.6	79.7	79.6	79.7	79.7	79.7
80	82.7	82.6	82.7	82.6	82.7	82.6	82.6	82.7	82.7
100	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9
125	85.7	85.7	85.8	85.7	85.8	85.8	85.8	85.9	85.9
160	86.3	86.3	86.4	86.4	86.4	86.4	86.5	86.5	86.6
200	87.0	87.1	87.1	87.1	87.1	87.1	87.2	87.3	87.3
250	88.1	88.1	88.1	88.1	88.2	88.2	88.3	88.3	88.4
315	89.1	89.1	89.1	89.1	89.1	89.2	89.3	89.4	89.4
400	90.0	90.0	90.0	90.1	90.1	90.2	90.3	90.4	90.5
500	90.9	90.9	91.0	91.0	91.1	91.2	91.3	91.4	91.5
630	91.7	91.8	91.9	92.0	92.0	92.1	92.2	92.3	92.4
800	92.6	92.7	92.8	92.9	93.0	93.1	93.2	93.3	93.4
1000	93.6	93.8	93.9	94.0	94.1	94.2	94.3	94.3	94.3
1250	94.8	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.0
1600	95.7	95.7	95.8	95.7	95.7	95.5	95.5	95.4	95.4
2000	95.3	95.2	95.2	95.0	94.9	94.8	94.7	94.7	94.6
2500	93.9	93.8	93.6	93.5	93.4	93.3	93.2	93.1	93.1
3150	91.7	91.6	91.4	91.3	91.2	91.0	91.0	90.9	90.8
4000	88.4	88.3	88.1	87.9	87.8	87.7	87.6	87.5	87.4
5000	83.7	83.5	83.4	83.2	83.1	82.9	82.8	82.7	82.6
6300	76.8	76.5	76.4	76.1	76.0	75.8	75.7	75.6	75.5
8000	66.9	66.7	66.4	66.2	66.1	65.9	65.7	65.7	65.5
10000	55.3	55.0	54.7	54.5	54.3	54.1	53.9	53.8	53.7

10.5 One-third octave band level E-138 EP3 E2-ST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 136: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.4	51.8	53.7	55.0	55.6	55.9	56.2	55.9	55.7	55.7
25	55.3	57.8	59.8	61.2	61.8	62.1	62.4	62.1	62.0	61.9
31.5	60.3	63.0	65.1	66.7	67.3	67.7	67.9	67.6	67.5	67.4
40	64.7	67.5	69.8	71.5	72.1	72.5	72.7	72.5	72.3	72.2
50	68.5	71.4	73.8	75.5	76.2	76.6	76.9	76.6	76.4	76.4
63	71.8	74.8	77.2	79.0	79.7	80.2	80.4	80.1	80.0	79.9
80	74.6	77.7	80.2	82.0	82.7	83.2	83.4	83.1	83.0	82.9
100	76.7	79.8	82.3	84.2	85.0	85.4	85.6	85.3	85.1	85.0
125	77.8	80.9	83.4	85.3	86.1	86.6	86.7	86.3	86.0	86.0
160	78.6	81.7	84.2	86.2	86.9	87.4	87.4	86.9	86.6	86.5
200	79.4	82.5	85.1	87.0	87.8	88.3	88.2	87.6	87.4	87.2
250	80.5	83.7	86.3	88.2	89.0	89.4	89.3	88.7	88.4	88.3
315	81.4	84.6	87.3	89.2	90.0	90.4	90.3	89.7	89.4	89.3
400	82.0	85.3	88.1	90.1	90.9	91.3	91.1	90.6	90.3	90.2
500	82.2	85.7	88.5	90.6	91.4	91.9	91.8	91.4	91.1	91.0
630	82.3	85.8	88.7	90.9	91.7	92.2	92.4	92.0	91.8	91.8
800	82.5	86.0	89.0	91.1	91.9	92.5	92.8	92.6	92.5	92.6
1000	83.0	86.5	89.4	91.6	92.4	93.0	93.4	93.4	93.4	93.6
1250	83.5	87.1	90.1	92.2	93.0	93.7	94.2	94.3	94.5	94.7
1600	83.9	87.5	90.5	92.7	93.5	94.2	94.8	95.1	95.5	95.6
2000	83.3	87.0	90.0	92.2	92.9	93.7	94.5	95.0	95.3	95.3
2500	82.1	85.7	88.8	91.0	91.7	92.5	93.4	94.0	94.1	93.9
3150	80.2	83.9	86.9	89.2	89.9	90.7	91.8	92.2	91.9	91.6
4000	77.1	80.9	84.0	86.3	86.9	87.9	89.0	88.9	88.4	88.1
5000	72.5	76.4	79.6	81.9	82.6	83.5	84.5	83.9	83.3	83.0
6300	65.2	69.3	72.6	75.0	75.7	76.6	77.3	76.4	75.8	75.5
8000	54.7	58.8	62.1	64.6	65.4	66.3	66.7	65.8	65.1	64.7
10000	41.9	46.0	49.4	51.9	52.8	53.6	54.0	53.0	52.2	51.7

Tab. 137: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7
25	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9
31.5	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
40	72.2	72.2	72.1	72.1	72.2	72.2	72.2	72.2	72.2
50	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4
63	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9
80	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9
100	85.0	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.1
125	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.1	86.1
160	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.7	86.7
200	87.2	87.2	87.2	87.2	87.3	87.3	87.4	87.4	87.5
250	88.3	88.2	88.3	88.3	88.3	88.4	88.4	88.5	88.6
315	89.2	89.2	89.2	89.2	89.3	89.3	89.4	89.5	89.6
400	90.2	90.1	90.2	90.2	90.3	90.4	90.5	90.6	90.7
500	91.0	91.0	91.1	91.1	91.3	91.3	91.4	91.6	91.6
630	91.9	91.9	92.0	92.1	92.2	92.3	92.4	92.5	92.5
800	92.7	92.8	92.9	93.0	93.2	93.2	93.3	93.4	93.5
1000	93.8	93.9	94.0	94.1	94.3	94.3	94.4	94.4	94.4
1250	94.9	95.0	95.1	95.1	95.2	95.2	95.1	95.1	95.0
1600	95.7	95.7	95.7	95.7	95.6	95.5	95.4	95.4	95.3
2000	95.2	95.2	95.0	94.9	94.8	94.7	94.6	94.6	94.5
2500	93.7	93.6	93.4	93.3	93.2	93.1	93.0	92.9	92.9
3150	91.4	91.2	91.0	90.9	90.8	90.7	90.6	90.6	90.5
4000	87.8	87.6	87.5	87.3	87.2	87.1	87.0	86.9	86.9
5000	82.7	82.5	82.3	82.2	82.1	81.9	81.8	81.7	81.7
6300	75.2	75.0	74.7	74.6	74.4	74.3	74.2	74.1	74.0
8000	64.4	64.1	63.9	63.7	63.5	63.4	63.2	63.1	63.0
10000	51.4	51.1	50.8	50.6	50.4	50.2	50.1	50.0	49.9

10.6 One-third octave band level E-138 EP3 E2-ST-131-FB-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 138: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.4	51.8	53.7	55.0	55.6	55.9	56.2	55.9	55.7	55.7
25	55.3	57.8	59.8	61.2	61.8	62.1	62.4	62.1	62.0	61.9
31.5	60.3	63.0	65.1	66.7	67.3	67.7	67.9	67.6	67.5	67.4
40	64.7	67.5	69.8	71.5	72.1	72.5	72.7	72.5	72.3	72.2
50	68.5	71.4	73.8	75.5	76.2	76.6	76.9	76.6	76.4	76.4
63	71.8	74.8	77.2	79.0	79.7	80.2	80.4	80.1	80.0	79.9
80	74.6	77.7	80.2	82.0	82.7	83.2	83.4	83.1	83.0	82.9
100	76.7	79.8	82.3	84.2	85.0	85.4	85.6	85.3	85.1	85.0
125	77.8	80.9	83.4	85.3	86.1	86.6	86.7	86.3	86.0	86.0
160	78.6	81.7	84.2	86.2	86.9	87.4	87.4	86.9	86.6	86.5
200	79.4	82.5	85.1	87.0	87.8	88.3	88.2	87.6	87.4	87.2
250	80.5	83.7	86.3	88.2	89.0	89.4	89.3	88.7	88.4	88.3
315	81.4	84.6	87.3	89.2	90.0	90.4	90.3	89.7	89.4	89.3
400	82.0	85.3	88.1	90.1	90.9	91.3	91.1	90.6	90.3	90.2
500	82.2	85.7	88.5	90.6	91.4	91.9	91.8	91.4	91.1	91.0
630	82.3	85.8	88.7	90.9	91.7	92.2	92.4	92.0	91.8	91.8
800	82.5	86.0	89.0	91.1	91.9	92.5	92.8	92.6	92.5	92.6
1000	83.0	86.5	89.4	91.6	92.4	93.0	93.4	93.4	93.4	93.6
1250	83.5	87.1	90.1	92.2	93.0	93.7	94.2	94.3	94.5	94.7
1600	83.9	87.5	90.5	92.7	93.5	94.2	94.8	95.1	95.5	95.6
2000	83.3	87.0	90.0	92.2	92.9	93.7	94.5	95.0	95.3	95.3
2500	82.1	85.7	88.8	91.0	91.7	92.5	93.4	94.0	94.1	93.9
3150	80.2	83.9	86.9	89.2	89.9	90.7	91.8	92.2	91.9	91.6
4000	77.1	80.9	84.0	86.3	86.9	87.9	89.0	88.9	88.4	88.1
5000	72.5	76.4	79.6	81.9	82.6	83.5	84.5	83.9	83.3	83.0
6300	65.2	69.3	72.6	75.0	75.7	76.6	77.3	76.4	75.8	75.5
8000	54.7	58.8	62.1	64.6	65.4	66.3	66.7	65.8	65.1	64.7
10000	41.9	46.0	49.4	51.9	52.8	53.6	54.0	53.0	52.2	51.7

Tab. 139: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7
25	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9
31.5	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
40	72.2	72.2	72.1	72.1	72.2	72.2	72.2	72.2	72.2
50	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4
63	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9
80	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9
100	85.0	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.1
125	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.1	86.1
160	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.7	86.7
200	87.2	87.2	87.2	87.2	87.3	87.3	87.4	87.4	87.5
250	88.3	88.2	88.3	88.3	88.3	88.4	88.4	88.5	88.6
315	89.2	89.2	89.2	89.2	89.3	89.3	89.4	89.5	89.6
400	90.2	90.1	90.2	90.2	90.3	90.4	90.5	90.6	90.7
500	91.0	91.0	91.1	91.1	91.3	91.3	91.4	91.6	91.6
630	91.9	91.9	92.0	92.1	92.2	92.3	92.4	92.5	92.5
800	92.7	92.8	92.9	93.0	93.2	93.2	93.3	93.4	93.5
1000	93.8	93.9	94.0	94.1	94.3	94.3	94.4	94.4	94.4
1250	94.9	95.0	95.1	95.1	95.2	95.2	95.1	95.1	95.0
1600	95.7	95.7	95.7	95.7	95.6	95.5	95.4	95.4	95.3
2000	95.2	95.2	95.0	94.9	94.8	94.7	94.6	94.6	94.5
2500	93.7	93.6	93.4	93.3	93.2	93.1	93.0	92.9	92.9
3150	91.4	91.2	91.0	90.9	90.8	90.7	90.6	90.6	90.5
4000	87.8	87.6	87.5	87.3	87.2	87.1	87.0	86.9	86.9
5000	82.7	82.5	82.3	82.2	82.1	81.9	81.8	81.7	81.7
6300	75.2	75.0	74.7	74.6	74.4	74.3	74.2	74.1	74.0
8000	64.4	64.1	63.9	63.7	63.5	63.4	63.2	63.1	63.0
10000	51.4	51.1	50.8	50.6	50.4	50.2	50.1	50.0	49.9

10.7 One-third octave band level E-138 EP3 E2-HST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 140: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.4	51.8	53.7	55.0	55.6	55.9	56.2	55.9	55.7	55.7
25	55.3	57.8	59.8	61.2	61.8	62.1	62.4	62.1	62.0	61.9
31.5	60.3	63.0	65.1	66.7	67.3	67.7	67.9	67.6	67.5	67.4
40	64.7	67.5	69.8	71.5	72.1	72.5	72.7	72.5	72.3	72.2
50	68.5	71.4	73.8	75.5	76.2	76.6	76.9	76.6	76.4	76.4
63	71.8	74.8	77.2	79.0	79.7	80.2	80.4	80.1	80.0	79.9
80	74.6	77.7	80.2	82.0	82.7	83.2	83.4	83.1	83.0	82.9
100	76.7	79.8	82.3	84.2	85.0	85.4	85.6	85.3	85.1	85.0
125	77.8	80.9	83.4	85.3	86.1	86.6	86.7	86.3	86.0	86.0
160	78.6	81.7	84.2	86.2	86.9	87.4	87.4	86.9	86.6	86.5
200	79.4	82.5	85.1	87.0	87.8	88.3	88.2	87.6	87.4	87.2
250	80.5	83.7	86.3	88.2	89.0	89.4	89.3	88.7	88.4	88.3
315	81.4	84.6	87.3	89.2	90.0	90.4	90.3	89.7	89.4	89.3
400	82.0	85.3	88.1	90.1	90.9	91.3	91.1	90.6	90.3	90.2
500	82.2	85.7	88.5	90.6	91.4	91.9	91.8	91.4	91.1	91.0
630	82.3	85.8	88.7	90.9	91.7	92.2	92.4	92.0	91.8	91.8
800	82.5	86.0	89.0	91.1	91.9	92.5	92.8	92.6	92.5	92.6
1000	83.0	86.5	89.4	91.6	92.4	93.0	93.4	93.4	93.4	93.6
1250	83.5	87.1	90.1	92.2	93.0	93.7	94.2	94.3	94.5	94.7
1600	83.9	87.5	90.5	92.7	93.5	94.2	94.8	95.1	95.5	95.6
2000	83.3	87.0	90.0	92.2	92.9	93.7	94.5	95.0	95.3	95.3
2500	82.1	85.7	88.8	91.0	91.7	92.5	93.4	94.0	94.1	93.9
3150	80.2	83.9	86.9	89.2	89.9	90.7	91.8	92.2	91.9	91.6
4000	77.1	80.9	84.0	86.3	86.9	87.9	89.0	88.9	88.4	88.1
5000	72.5	76.4	79.6	81.9	82.6	83.5	84.5	83.9	83.3	83.0
6300	65.2	69.3	72.6	75.0	75.7	76.6	77.3	76.4	75.8	75.5
8000	54.7	58.8	62.1	64.6	65.4	66.3	66.7	65.8	65.1	64.7
10000	41.9	46.0	49.4	51.9	52.8	53.6	54.0	53.0	52.2	51.7

Tab. 141: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.7	55.7
25	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9
31.5	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4
40	72.2	72.2	72.1	72.1	72.2	72.2	72.2	72.2	72.2
50	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4	76.4
63	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9
80	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.9	82.9
100	85.0	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.1
125	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.1	86.1
160	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.7	86.7
200	87.2	87.2	87.2	87.2	87.3	87.3	87.4	87.4	87.5
250	88.3	88.2	88.3	88.3	88.3	88.4	88.4	88.5	88.6
315	89.2	89.2	89.2	89.2	89.3	89.3	89.4	89.5	89.6
400	90.2	90.1	90.2	90.2	90.3	90.4	90.5	90.6	90.7
500	91.0	91.0	91.1	91.1	91.3	91.3	91.4	91.6	91.6
630	91.9	91.9	92.0	92.1	92.2	92.3	92.4	92.5	92.5
800	92.7	92.8	92.9	93.0	93.2	93.2	93.3	93.4	93.5
1000	93.8	93.9	94.0	94.1	94.3	94.3	94.4	94.4	94.4
1250	94.9	95.0	95.1	95.1	95.2	95.2	95.1	95.1	95.0
1600	95.7	95.7	95.7	95.7	95.6	95.5	95.4	95.4	95.3
2000	95.2	95.2	95.0	94.9	94.8	94.7	94.6	94.6	94.5
2500	93.7	93.6	93.4	93.3	93.2	93.1	93.0	92.9	92.9
3150	91.4	91.2	91.0	90.9	90.8	90.7	90.6	90.6	90.5
4000	87.8	87.6	87.5	87.3	87.2	87.1	87.0	86.9	86.9
5000	82.7	82.5	82.3	82.2	82.1	81.9	81.8	81.7	81.7
6300	75.2	75.0	74.7	74.6	74.4	74.3	74.2	74.1	74.0
8000	64.4	64.1	63.9	63.7	63.5	63.4	63.2	63.1	63.0
10000	51.4	51.1	50.8	50.6	50.4	50.2	50.1	50.0	49.9

10.8 One-third octave band level E-138 EP3 E2-HT-149-ES-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 142: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.9	52.1	54.1	55.3	55.8	56.2	56.3	56.0	55.9	55.8
25	55.7	58.1	60.2	61.5	62.0	62.4	62.5	62.3	62.1	62.0
31.5	60.8	63.4	65.6	67.0	67.5	68.0	68.1	67.8	67.6	67.5
40	65.2	67.9	70.2	71.8	72.3	72.8	72.9	72.6	72.4	72.3
50	69.0	71.9	74.3	75.9	76.4	76.9	77.0	76.7	76.6	76.5
63	72.3	75.2	77.7	79.4	80.0	80.5	80.6	80.3	80.1	80.0
80	75.1	78.1	80.6	82.3	83.0	83.5	83.6	83.3	83.1	83.0
100	77.2	80.2	82.8	84.5	85.2	85.7	85.7	85.4	85.2	85.1
125	78.3	81.3	83.9	85.7	86.3	86.8	86.7	86.4	86.2	86.1
160	79.1	82.1	84.7	86.5	87.1	87.6	87.4	87.0	86.8	86.7
200	79.9	83.0	85.6	87.3	88.0	88.5	88.2	87.7	87.5	87.4
250	81.0	84.1	86.7	88.5	89.2	89.6	89.3	88.8	88.5	88.4
315	81.9	85.0	87.7	89.5	90.2	90.6	90.3	89.8	89.5	89.4
400	82.5	85.8	88.5	90.4	91.1	91.5	91.1	90.6	90.4	90.3
500	82.7	86.1	89.0	90.9	91.6	92.1	91.8	91.4	91.2	91.1
630	82.8	86.3	89.2	91.1	91.8	92.4	92.4	92.0	91.9	91.9
800	83.0	86.4	89.4	91.4	92.0	92.7	92.8	92.7	92.6	92.7
1000	83.4	86.9	89.9	91.8	92.5	93.3	93.5	93.4	93.6	93.7
1250	84.0	87.5	90.5	92.4	93.1	93.9	94.3	94.4	94.6	94.8
1600	84.3	87.9	90.9	92.9	93.5	94.4	94.9	95.2	95.5	95.6
2000	83.7	87.3	90.3	92.3	93.0	93.9	94.5	95.0	95.2	95.2
2500	82.3	85.9	89.0	91.0	91.6	92.7	93.4	93.9	93.9	93.7
3150	80.3	83.9	87.0	89.0	89.6	90.8	91.6	91.9	91.5	91.2
4000	77.0	80.8	83.9	85.9	86.5	87.7	88.6	88.3	87.8	87.5
5000	72.1	75.9	79.2	81.2	81.8	83.0	83.6	82.9	82.4	82.1
6300	64.3	68.3	71.6	73.8	74.4	75.6	75.8	74.9	74.4	74.0
8000	52.9	56.9	60.4	62.6	63.3	64.3	64.4	63.4	62.8	62.4
10000	39.0	43.0	46.4	48.7	49.4	50.4	50.4	49.4	48.7	48.2

Tab. 143: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.8	55.8	55.8	55.8	55.7	55.8	55.8	55.8	55.8
25	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.1
31.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6
40	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4	72.4
50	76.5	76.5	76.4	76.5	76.4	76.4	76.5	76.5	76.5
63	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1
80	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1
100	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2
125	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.3
160	86.7	86.6	86.6	86.7	86.7	86.8	86.8	86.9	86.9
200	87.3	87.3	87.3	87.4	87.4	87.5	87.5	87.6	87.6
250	88.4	88.4	88.4	88.4	88.5	88.5	88.6	88.7	88.7
315	89.3	89.3	89.3	89.4	89.4	89.5	89.6	89.7	89.8
400	90.3	90.3	90.3	90.3	90.4	90.5	90.6	90.7	90.8
500	91.1	91.1	91.2	91.3	91.4	91.5	91.6	91.7	91.8
630	92.0	92.0	92.1	92.2	92.3	92.4	92.5	92.6	92.7
800	92.8	92.9	93.0	93.1	93.3	93.4	93.4	93.5	93.5
1000	93.9	94.0	94.1	94.2	94.3	94.4	94.4	94.4	94.4
1250	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.1	95.1
1600	95.7	95.7	95.7	95.7	95.6	95.5	95.4	95.4	95.3
2000	95.2	95.1	94.9	94.8	94.7	94.6	94.6	94.5	94.4
2500	93.5	93.4	93.2	93.1	93.0	92.9	92.8	92.8	92.7
3150	91.0	90.9	90.7	90.6	90.5	90.4	90.3	90.2	90.2
4000	87.3	87.1	86.9	86.8	86.7	86.5	86.5	86.4	86.3
5000	81.8	81.7	81.5	81.3	81.2	81.0	81.0	80.9	80.8
6300	73.8	73.5	73.3	73.2	73.0	72.9	72.8	72.7	72.6
8000	62.1	61.9	61.6	61.4	61.2	61.1	61.0	60.9	60.8
10000	47.9	47.6	47.3	47.1	46.9	46.7	46.6	46.5	46.4

10.9 One-third octave band level E-138 EP3 E2-HT-160-ES-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 144: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	50.1	52.3	54.2	55.5	55.9	56.4	56.4	56.1	56.0	55.9
25	55.9	58.3	60.4	61.7	62.1	62.6	62.6	62.3	62.2	62.1
31.5	61.0	63.6	65.8	67.2	67.6	68.1	68.1	67.8	67.7	67.7
40	65.5	68.2	70.4	71.9	72.4	72.9	72.9	72.6	72.5	72.5
50	69.3	72.1	74.5	76.0	76.5	77.1	77.1	76.8	76.6	76.6
63	72.6	75.5	77.9	79.5	80.1	80.6	80.6	80.3	80.2	80.1
80	75.4	78.3	80.9	82.5	83.1	83.7	83.6	83.3	83.2	83.1
100	77.4	80.4	83.0	84.7	85.3	85.9	85.8	85.5	85.3	85.2
125	78.5	81.6	84.1	85.8	86.4	87.0	86.8	86.4	86.3	86.2
160	79.3	82.3	84.9	86.6	87.3	87.7	87.5	87.0	86.9	86.8
200	80.1	83.2	85.8	87.5	88.2	88.6	88.2	87.8	87.6	87.4
250	81.2	84.3	86.9	88.7	89.4	89.7	89.3	88.8	88.6	88.5
315	82.1	85.3	87.9	89.7	90.4	90.7	90.3	89.8	89.6	89.4
400	82.7	86.0	88.7	90.5	91.2	91.6	91.2	90.7	90.5	90.3
500	83.0	86.4	89.2	91.0	91.7	92.2	91.9	91.4	91.3	91.2
630	83.0	86.5	89.4	91.3	92.0	92.5	92.4	92.1	92.0	92.0
800	83.2	86.7	89.6	91.5	92.2	92.9	92.9	92.7	92.7	92.8
1000	83.6	87.1	90.0	92.0	92.6	93.4	93.5	93.5	93.6	93.8
1250	84.2	87.7	90.6	92.6	93.2	94.0	94.3	94.4	94.7	94.8
1600	84.5	88.0	91.0	93.0	93.6	94.5	94.9	95.3	95.5	95.7
2000	83.9	87.4	90.4	92.4	93.0	94.0	94.5	95.0	95.2	95.2
2500	82.4	86.0	89.1	91.0	91.6	92.7	93.4	93.9	93.8	93.6
3150	80.3	83.9	87.0	89.0	89.5	90.8	91.5	91.6	91.3	91.1
4000	76.9	80.6	83.8	85.7	86.2	87.6	88.2	87.9	87.4	87.2
5000	71.8	75.6	78.8	80.8	81.3	82.7	83.0	82.3	81.8	81.5
6300	63.7	67.6	71.0	73.1	73.6	74.9	74.9	74.0	73.5	73.2
8000	51.8	55.8	59.2	61.3	62.0	63.1	62.9	61.9	61.4	61.0
10000	37.1	41.1	44.5	46.7	47.4	48.4	48.2	47.1	46.5	46.1

Tab. 145: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
25	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2	62.1
31.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.6
40	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5
50	76.5	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6
63	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.1
80	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.1
100	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3
125	86.1	86.1	86.2	86.2	86.2	86.2	86.3	86.3	86.3
160	86.7	86.7	86.7	86.8	86.8	86.9	86.9	87.0	87.0
200	87.4	87.4	87.4	87.5	87.5	87.6	87.6	87.7	87.7
250	88.5	88.4	88.5	88.5	88.6	88.6	88.7	88.8	88.8
315	89.4	89.4	89.4	89.5	89.6	89.6	89.7	89.8	89.9
400	90.3	90.3	90.4	90.4	90.5	90.6	90.7	90.8	90.9
500	91.2	91.2	91.3	91.4	91.5	91.6	91.6	91.8	91.9
630	92.0	92.1	92.2	92.3	92.4	92.5	92.5	92.7	92.7
800	92.9	93.0	93.1	93.2	93.3	93.4	93.5	93.6	93.6
1000	93.9	94.0	94.2	94.3	94.4	94.4	94.4	94.5	94.4
1250	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.1	95.0
1600	95.7	95.7	95.7	95.6	95.6	95.5	95.4	95.4	95.3
2000	95.1	95.0	94.9	94.8	94.7	94.5	94.5	94.4	94.3
2500	93.4	93.3	93.1	93.0	92.9	92.8	92.7	92.7	92.6
3150	90.8	90.7	90.5	90.4	90.3	90.2	90.1	90.1	89.9
4000	86.9	86.8	86.6	86.5	86.3	86.2	86.1	86.1	86.0
5000	81.3	81.1	80.9	80.8	80.6	80.5	80.4	80.3	80.2
6300	72.9	72.7	72.5	72.3	72.2	72.0	71.9	71.8	71.7
8000	60.7	60.5	60.2	60.1	59.9	59.7	59.6	59.5	59.4
10000	45.7	45.4	45.2	45.0	44.8	44.6	44.5	44.4	44.3

11 Operating mode 1500 kW s

11.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 146: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre freq. in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	51.3	52.6	53.8	54.8	55.5	55.7	55.6	55.3	55.2	55.1	55.1
25	57.2	58.6	59.9	61.0	61.7	61.9	61.8	61.5	61.4	61.3	61.3
31.5	62.4	63.9	65.3	66.5	67.1	67.4	67.3	67.0	66.9	66.8	66.8
40	66.9	68.5	70.0	71.2	71.9	72.2	72.1	71.8	71.7	71.6	71.6
50	70.8	72.5	74.0	75.3	76.0	76.3	76.2	76.0	75.8	75.7	75.7
63	74.1	75.8	77.4	78.8	79.5	79.9	79.7	79.5	79.3	79.3	79.3
80	77.0	78.7	80.4	81.8	82.5	82.8	82.7	82.5	82.3	82.2	82.2
100	79.1	80.9	82.5	83.9	84.7	85.0	84.9	84.6	84.5	84.4	84.3
125	80.2	81.9	83.6	85.1	85.8	86.1	85.9	85.6	85.4	85.3	85.3
160	81.0	82.7	84.4	85.8	86.6	86.9	86.6	86.2	86.0	85.9	85.9
200	81.8	83.6	85.3	86.7	87.5	87.8	87.4	86.9	86.8	86.6	86.6
250	82.9	84.7	86.5	87.9	88.7	88.9	88.5	88.0	87.9	87.7	87.7
315	83.9	85.7	87.5	88.9	89.7	89.9	89.4	89.0	88.8	88.7	88.6
400	84.6	86.5	88.3	89.8	90.6	90.8	90.3	89.9	89.7	89.6	89.5
500	84.9	86.9	88.8	90.3	91.1	91.4	91.1	90.7	90.5	90.4	90.4
630	85.0	87.0	89.0	90.5	91.4	91.8	91.6	91.3	91.2	91.2	91.2
800	85.2	87.2	89.2	90.8	91.6	92.2	92.1	91.9	91.9	91.9	92.0
1000	85.7	87.7	89.7	91.3	92.1	92.7	92.7	92.6	92.7	92.8	92.9
1250	86.3	88.3	90.3	92.0	92.8	93.4	93.5	93.6	93.8	93.9	94.0
1600	86.7	88.8	90.7	92.4	93.2	94.0	94.2	94.5	94.7	94.8	94.9
2000	86.2	88.3	90.2	91.9	92.7	93.5	93.8	94.3	94.5	94.5	94.6
2500	84.9	87.0	89.0	90.7	91.5	92.4	92.8	93.3	93.3	93.2	93.1
3150	83.0	85.2	87.2	88.9	89.7	90.8	91.2	91.4	91.2	91.0	90.8
4000	80.1	82.2	84.3	86.0	86.8	88.0	88.3	88.1	87.7	87.4	87.3
5000	75.5	77.8	79.8	81.6	82.4	83.6	83.7	83.1	82.6	82.4	82.2
6300	68.4	70.7	72.8	74.7	75.5	76.5	76.4	75.6	75.2	74.9	74.7
8000	57.8	60.2	62.4	64.3	65.2	66.0	65.8	65.0	64.5	64.1	63.9

One-third octave band level centre freq. in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	45.1	47.5	49.7	51.6	52.5	53.3	53.1	52.1	51.6	51.2	50.9

Tab. 147: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	55.1	55.1	55.0	55.1	55.0	55.1	55.1	55.1	55.1	55.1
25	61.3	61.3	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3
31.5	66.8	66.8	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8
40	71.6	71.6	71.5	71.6	71.5	71.6	71.6	71.6	71.6	71.6
50	75.7	75.7	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
63	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3
80	82.2	82.2	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
100	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4
125	85.3	85.3	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.4
160	85.9	85.8	85.8	85.8	85.9	85.9	85.9	86.0	86.0	86.0
200	86.6	86.5	86.6	86.5	86.6	86.6	86.6	86.7	86.7	86.7
250	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.8	87.8
315	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.8	88.8
400	89.5	89.5	89.5	89.5	89.6	89.6	89.7	89.8	89.8	89.9
500	90.4	90.4	90.4	90.4	90.5	90.6	90.6	90.7	90.7	90.8
630	91.2	91.2	91.3	91.3	91.4	91.5	91.5	91.6	91.6	91.7
800	92.1	92.1	92.2	92.2	92.4	92.4	92.5	92.6	92.6	92.7
1000	93.1	93.2	93.3	93.3	93.4	93.5	93.5	93.6	93.6	93.7
1250	94.1	94.2	94.3	94.4	94.4	94.4	94.4	94.5	94.4	94.4
1600	95.0	95.0	95.0	95.0	94.9	94.9	94.9	94.8	94.8	94.7
2000	94.5	94.5	94.3	94.3	94.2	94.2	94.1	94.0	94.0	93.9
2500	93.0	92.9	92.7	92.7	92.6	92.5	92.4	92.4	92.3	92.3
3150	90.7	90.5	90.4	90.3	90.2	90.2	90.1	90.0	89.9	89.9
4000	87.1	87.0	86.8	86.8	86.6	86.6	86.5	86.4	86.3	86.3
5000	82.0	81.9	81.7	81.6	81.5	81.4	81.3	81.2	81.2	81.1
6300	74.4	74.3	74.1	74.0	73.9	73.8	73.7	73.6	73.5	73.4
8000	63.6	63.5	63.3	63.2	63.0	62.9	62.8	62.7	62.6	62.5
10000	50.6	50.4	50.2	50.1	49.9	49.8	49.6	49.5	49.4	49.3

11.2 One-third octave band level E-138 EP3 E2-ST-81-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 148: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.9	50.5	52.3	53.9	55.0	55.2	54.9	54.7	54.6	54.6
25	53.6	56.4	58.4	60.1	61.2	61.4	61.1	60.9	60.8	60.8
31.5	58.7	61.6	63.7	65.5	66.7	66.9	66.6	66.4	66.3	66.3
40	63.0	66.0	68.3	70.2	71.4	71.7	71.4	71.2	71.1	71.1
50	66.8	69.9	72.3	74.3	75.5	75.8	75.5	75.3	75.3	75.2
63	70.0	73.2	75.7	77.7	79.1	79.4	79.0	78.8	78.8	78.7
80	72.8	76.1	78.6	80.7	82.0	82.4	82.0	81.8	81.8	81.7
100	74.9	78.2	80.7	82.9	84.2	84.5	84.2	84.0	83.9	83.8
125	76.0	79.3	81.8	84.0	85.4	85.6	85.2	84.9	84.8	84.8
160	76.8	80.1	82.6	84.8	86.2	86.4	85.8	85.6	85.4	85.4
200	77.6	81.0	83.5	85.7	87.1	87.2	86.6	86.3	86.2	86.1
250	78.8	82.1	84.7	86.9	88.3	88.4	87.7	87.4	87.3	87.2
315	79.6	83.1	85.7	87.9	89.4	89.4	88.7	88.4	88.2	88.2
400	80.2	83.8	86.5	88.8	90.2	90.3	89.7	89.3	89.2	89.2
500	80.4	84.1	86.9	89.3	90.8	91.0	90.5	90.2	90.1	90.1
630	80.5	84.2	87.1	89.6	91.1	91.5	91.1	90.9	90.9	90.9
800	80.7	84.5	87.3	89.9	91.4	91.9	91.7	91.6	91.7	91.8
1000	81.2	85.0	87.9	90.4	91.9	92.5	92.5	92.5	92.7	92.8
1250	81.8	85.6	88.6	91.1	92.6	93.3	93.4	93.6	93.8	94.0
1600	82.3	86.1	89.1	91.7	93.2	94.0	94.3	94.7	94.8	94.9
2000	81.8	85.7	88.7	91.3	92.8	93.8	94.3	94.6	94.7	94.6
2500	80.8	84.7	87.7	90.3	91.8	92.9	93.5	93.7	93.5	93.3
3150	79.2	83.2	86.3	88.9	90.4	91.6	92.0	91.9	91.6	91.4
4000	76.7	80.8	84.0	86.6	88.1	89.5	89.5	89.0	88.7	88.4
5000	72.9	77.2	80.4	83.1	84.6	85.9	85.4	84.8	84.5	84.2
6300	67.1	71.4	74.8	77.6	79.2	80.2	79.5	78.8	78.4	78.2
8000	58.9	63.2	66.6	69.5	71.2	72.0	71.2	70.4	70.0	69.7
10000	49.5	53.8	57.2	60.2	61.9	62.6	61.7	60.9	60.4	60.0

Tab. 149: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	54.6	54.6	54.6	54.6	54.6	54.6	54.7	54.7	54.7
25	60.8	60.8	60.8	60.8	60.8	60.9	60.9	60.9	60.9
31.5	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.4
40	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2
50	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.4
63	78.7	78.8	78.7	78.8	78.8	78.8	78.8	78.9	78.9
80	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.9
100	83.8	83.9	83.8	83.9	83.9	83.9	84.0	84.0	84.0
125	84.8	84.8	84.8	84.9	84.9	84.9	85.0	85.0	85.1
160	85.4	85.4	85.5	85.5	85.5	85.6	85.7	85.7	85.8
200	86.1	86.1	86.2	86.2	86.3	86.3	86.4	86.4	86.5
250	87.2	87.2	87.3	87.3	87.4	87.4	87.5	87.5	87.7
315	88.2	88.2	88.3	88.3	88.4	88.5	88.6	88.6	88.7
400	89.2	89.2	89.3	89.3	89.4	89.5	89.6	89.7	89.8
500	90.1	90.1	90.2	90.3	90.4	90.5	90.6	90.7	90.8
630	91.0	91.0	91.2	91.2	91.3	91.4	91.5	91.6	91.7
800	91.9	92.0	92.1	92.2	92.3	92.4	92.5	92.5	92.6
1000	93.0	93.1	93.2	93.3	93.4	93.5	93.5	93.5	93.5
1250	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.2
1600	95.0	95.0	94.9	94.9	94.8	94.8	94.7	94.6	94.6
2000	94.5	94.5	94.3	94.3	94.1	94.1	94.0	94.0	93.9
2500	93.2	93.1	92.9	92.9	92.7	92.7	92.6	92.6	92.5
3150	91.2	91.1	90.9	90.9	90.7	90.7	90.6	90.5	90.5
4000	88.3	88.2	88.0	87.9	87.8	87.7	87.6	87.5	87.5
5000	84.0	83.9	83.7	83.6	83.5	83.4	83.3	83.2	83.2
6300	77.9	77.8	77.6	77.4	77.3	77.2	77.1	77.0	76.9
8000	69.4	69.3	69.0	68.9	68.7	68.6	68.5	68.4	68.3
10000	59.7	59.5	59.3	59.1	58.9	58.8	58.7	58.6	58.5

11.3 One-third octave band level E-138 EP3 E2-ST-96-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 150: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.4	51.0	52.8	54.4	55.2	55.2	55.0	54.8	54.8	54.7
25	54.2	56.9	58.8	60.5	61.4	61.5	61.2	61.0	61.0	60.9
31.5	59.2	62.1	64.2	66.0	66.9	67.0	66.7	66.5	66.5	66.4
40	63.6	66.6	68.8	70.7	71.7	71.8	71.5	71.3	71.3	71.2
50	67.3	70.5	72.8	74.8	75.8	75.9	75.6	75.4	75.4	75.4
63	70.6	73.8	76.2	78.3	79.3	79.4	79.1	79.0	78.9	78.9
80	73.4	76.7	79.1	81.2	82.3	82.4	82.1	81.9	81.9	81.9
100	75.5	78.8	81.2	83.4	84.5	84.6	84.2	84.1	84.0	84.0
125	76.6	79.9	82.4	84.5	85.6	85.7	85.2	85.0	85.0	84.9
160	77.4	80.7	83.2	85.4	86.4	86.4	85.9	85.6	85.6	85.6
200	78.3	81.5	84.1	86.2	87.3	87.2	86.6	86.4	86.3	86.3
250	79.4	82.7	85.2	87.4	88.5	88.3	87.7	87.5	87.4	87.4
315	80.3	83.6	86.2	88.5	89.5	89.3	88.7	88.5	88.3	88.3
400	80.8	84.3	87.0	89.3	90.4	90.3	89.6	89.4	89.3	89.3
500	81.1	84.7	87.5	89.9	91.0	91.0	90.4	90.2	90.2	90.2
630	81.1	84.8	87.7	90.1	91.3	91.5	91.1	91.0	91.0	91.0
800	81.3	85.0	87.9	90.4	91.6	92.0	91.7	91.7	91.8	91.9
1000	81.8	85.6	88.4	90.9	92.2	92.6	92.5	92.6	92.8	93.0
1250	82.4	86.2	89.1	91.6	92.9	93.4	93.5	93.7	93.9	94.1
1600	82.8	86.7	89.6	92.2	93.4	94.1	94.5	94.7	94.9	95.0
2000	82.4	86.3	89.2	91.8	93.0	93.8	94.4	94.6	94.6	94.6
2500	81.2	85.2	88.1	90.7	92.0	92.9	93.6	93.5	93.4	93.2
3150	79.6	83.6	86.5	89.2	90.5	91.6	91.9	91.6	91.3	91.1
4000	76.9	81.0	84.0	86.7	88.1	89.2	89.0	88.5	88.2	88.0
5000	72.9	77.1	80.2	83.0	84.3	85.2	84.6	84.1	83.8	83.5
6300	66.6	71.0	74.2	77.0	78.4	79.1	78.2	77.6	77.3	77.0
8000	57.7	62.1	65.4	68.3	69.7	70.1	69.1	68.5	68.1	67.8
10000	47.3	51.7	55.0	57.9	59.3	59.7	58.6	57.9	57.5	57.1

Tab. 151: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.9
25	61.0	61.0	60.9	61.0	61.0	61.0	61.0	61.1	61.1
31.5	66.4	66.5	66.4	66.5	66.5	66.5	66.5	66.6	66.6
40	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.4
50	75.4	75.4	75.4	75.4	75.4	75.5	75.4	75.5	75.5
63	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0
80	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0
100	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.2
125	84.9	85.0	85.0	85.0	85.0	85.1	85.1	85.2	85.2
160	85.5	85.6	85.6	85.6	85.7	85.7	85.8	85.8	85.9
200	86.3	86.3	86.3	86.4	86.4	86.5	86.5	86.6	86.7
250	87.3	87.4	87.4	87.4	87.5	87.6	87.6	87.7	87.8
315	88.3	88.3	88.4	88.4	88.5	88.6	88.7	88.8	88.9
400	89.3	89.3	89.4	89.5	89.6	89.7	89.8	89.9	90.0
500	90.2	90.3	90.3	90.4	90.5	90.6	90.7	90.8	90.9
630	91.1	91.2	91.3	91.4	91.4	91.6	91.6	91.7	91.8
800	92.0	92.1	92.2	92.3	92.4	92.5	92.6	92.6	92.7
1000	93.1	93.2	93.3	93.4	93.5	93.6	93.6	93.5	93.5
1250	94.2	94.3	94.3	94.4	94.4	94.4	94.3	94.3	94.2
1600	95.0	95.0	94.9	94.9	94.8	94.8	94.7	94.6	94.6
2000	94.5	94.4	94.3	94.2	94.1	94.0	93.9	93.9	93.8
2500	93.1	92.9	92.8	92.7	92.6	92.6	92.5	92.4	92.4
3150	91.0	90.8	90.7	90.6	90.5	90.4	90.3	90.3	90.2
4000	87.8	87.7	87.5	87.4	87.3	87.3	87.1	87.1	87.0
5000	83.3	83.2	83.0	82.9	82.8	82.7	82.6	82.5	82.4
6300	76.8	76.6	76.4	76.3	76.2	76.1	75.9	75.9	75.8
8000	67.6	67.4	67.2	67.0	66.9	66.8	66.7	66.6	66.5
10000	56.9	56.6	56.4	56.2	56.1	56.0	55.8	55.7	55.7

11.4 One-third octave band level E-138 EP3 E2-ST-111-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 152: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.9	51.3	53.2	54.7	55.4	<i>55.4</i>	55.1	55.0	54.9	54.9
25	54.7	57.3	59.3	60.9	61.6	<i>61.6</i>	61.3	61.2	61.1	61.1
31.5	59.8	62.5	64.6	66.3	67.1	<i>67.1</i>	66.8	66.7	66.6	66.6
40	64.1	67.0	69.3	71.1	71.9	<i>71.9</i>	71.6	71.5	71.4	71.3
50	67.9	70.9	73.3	75.2	76.0	<i>76.0</i>	75.7	75.6	75.5	75.5
63	71.2	74.3	76.7	78.7	79.5	<i>79.5</i>	79.2	79.1	79.0	79.0
80	74.0	77.1	79.6	81.6	82.5	<i>82.5</i>	82.2	82.1	82.0	82.0
100	76.0	79.2	81.7	83.8	84.7	<i>84.7</i>	84.3	84.2	84.1	84.1
125	77.1	80.3	82.9	85.0	85.8	<i>85.7</i>	85.3	85.2	85.1	85.1
160	77.9	81.1	83.7	85.8	86.6	<i>86.4</i>	85.9	85.8	85.7	85.7
200	78.8	82.0	84.5	86.7	87.5	<i>87.2</i>	86.7	86.5	86.4	86.4
250	79.9	83.1	85.7	87.8	88.7	<i>88.3</i>	87.8	87.6	87.5	87.5
315	80.8	84.1	86.7	88.9	89.7	<i>89.3</i>	88.8	88.6	88.4	88.4
400	81.4	84.8	87.5	89.7	90.6	<i>90.2</i>	89.7	89.5	89.4	89.4
500	81.6	85.2	88.0	90.3	91.2	<i>90.9</i>	90.5	90.3	90.3	90.3
630	81.7	85.3	88.2	90.5	91.5	<i>91.5</i>	91.1	91.1	91.1	91.1
800	81.9	85.5	88.4	90.8	91.8	<i>92.0</i>	91.8	91.8	91.9	92.0
1000	82.4	86.0	88.9	91.3	92.4	<i>92.6</i>	92.6	92.8	92.9	93.1
1250	82.9	86.6	89.5	92.0	93.1	<i>93.5</i>	93.6	93.9	94.0	94.2
1600	83.4	87.1	90.0	92.5	93.6	<i>94.1</i>	94.5	94.8	94.9	95.0
2000	82.8	86.6	89.6	92.1	93.2	<i>93.9</i>	94.4	94.6	94.6	94.5
2500	81.6	85.5	88.5	90.9	92.2	<i>93.0</i>	93.5	93.4	93.2	93.0
3150	79.9	83.7	86.8	89.3	90.6	<i>91.5</i>	91.6	91.3	91.0	90.8
4000	77.1	81.0	84.1	86.6	88.0	<i>88.9</i>	88.5	88.0	87.7	87.5
5000	72.8	76.8	80.0	82.6	84.0	<i>84.6</i>	83.8	83.3	83.0	82.8
6300	66.1	70.3	73.6	76.3	77.6	<i>77.9</i>	76.9	76.4	76.0	75.8
8000	56.5	60.7	64.1	66.8	68.1	<i>68.3</i>	67.2	66.6	66.2	65.9
10000	45.1	49.3	52.7	55.5	56.8	<i>56.9</i>	55.6	55.0	54.6	54.2

Tab. 153: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	54.9	54.9	54.9	54.9	54.9	54.9	55.0	55.0	55.0
25	61.1	61.1	61.1	61.1	61.1	61.1	61.2	61.2	61.2
31.5	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7
40	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5
50	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.7
63	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.2
80	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.2
100	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.3	84.3
125	85.1	85.1	85.1	85.1	85.2	85.2	85.3	85.3	85.3
160	85.7	85.7	85.7	85.8	85.8	85.9	85.9	86.0	86.0
200	86.4	86.4	86.4	86.5	86.6	86.6	86.7	86.7	86.8
250	87.4	87.5	87.5	87.6	87.6	87.7	87.8	87.9	87.9
315	88.4	88.5	88.5	88.6	88.7	88.7	88.8	88.9	89.0
400	89.4	89.5	89.5	89.6	89.7	89.8	89.9	90.0	90.1
500	90.3	90.4	90.4	90.6	90.6	90.7	90.8	90.9	91.0
630	91.2	91.3	91.4	91.5	91.6	91.6	91.7	91.8	91.9
800	92.1	92.2	92.3	92.5	92.5	92.6	92.7	92.7	92.7
1000	93.2	93.3	93.4	93.5	93.6	93.6	93.6	93.6	93.6
1250	94.3	94.4	94.4	94.4	94.4	94.4	94.3	94.3	94.2
1600	95.0	95.0	94.9	94.8	94.8	94.7	94.6	94.6	94.5
2000	94.4	94.3	94.2	94.1	94.0	93.9	93.9	93.8	93.8
2500	92.9	92.8	92.6	92.5	92.5	92.4	92.3	92.3	92.2
3150	90.7	90.6	90.4	90.3	90.2	90.1	90.1	90.0	90.0
4000	87.3	87.2	87.1	87.0	86.9	86.8	86.7	86.6	86.6
5000	82.6	82.4	82.3	82.2	82.1	81.9	81.9	81.8	81.7
6300	75.6	75.4	75.3	75.1	75.0	74.9	74.8	74.7	74.6
8000	65.7	65.5	65.3	65.1	65.0	64.9	64.8	64.7	64.6
10000	53.9	53.7	53.5	53.3	53.2	53.1	53.0	52.9	52.8

11.5 One-third octave band level E-138 EP3 E2-ST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 154: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-	-

Tab. 155: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-

11.6 One-third octave band level E-138 EP3 E2-ST-131-FB-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 156: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-	-

Tab. 157: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-

11.7 One-third octave band level E-138 EP3 E2-HST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 158: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-	-

Tab. 159: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-

11.8 One-third octave band level E-138 EP3 E2-HT-149-ES-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in *italics*.

Tab. 160: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.9	52.1	54.1	55.3	55.8	55.6	55.3	55.3	55.2	55.2
25	55.7	58.1	60.2	61.5	62.1	61.8	61.6	61.5	61.4	61.4
31.5	60.8	63.4	65.6	67.0	67.6	67.3	67.1	67.0	66.9	66.9
40	65.2	67.9	70.2	71.8	72.4	72.1	71.8	71.8	71.7	71.7
50	69.0	71.9	74.3	75.9	76.5	76.2	76.0	75.9	75.8	75.8
63	72.3	75.2	77.7	79.4	80.0	79.8	79.5	79.4	79.4	79.4
80	75.1	78.1	80.6	82.3	83.0	82.7	82.5	82.4	82.3	82.3
100	77.2	80.2	82.8	84.5	85.2	84.9	84.6	84.5	84.5	84.4
125	78.3	81.3	83.9	85.7	86.3	85.9	85.5	85.5	85.4	85.4
160	79.1	82.1	84.7	86.5	87.0	86.5	86.2	86.0	86.0	86.0
200	79.9	83.0	85.6	87.3	87.8	87.3	86.9	86.7	86.7	86.7
250	81.0	84.1	86.7	88.5	89.0	88.4	88.0	87.8	87.7	87.7
315	81.9	85.0	87.7	89.5	90.0	89.4	88.9	88.8	88.7	88.7
400	82.5	85.8	88.5	90.4	90.8	90.2	89.8	89.7	89.6	89.6
500	82.7	86.1	89.0	90.9	91.5	91.0	90.6	90.5	90.5	90.5
630	82.8	86.3	89.2	91.1	91.9	91.6	91.3	91.3	91.3	91.4
800	83.0	86.4	89.4	91.4	92.2	92.1	91.9	92.0	92.1	92.2
1000	83.4	86.9	89.9	91.8	92.8	92.8	92.8	93.0	93.1	93.3
1250	84.0	87.5	90.5	92.4	93.5	93.6	93.8	94.0	94.2	94.3
1600	84.3	87.9	90.9	92.9	94.0	94.3	94.7	94.9	95.0	95.0
2000	83.7	87.3	90.3	92.3	93.5	94.1	94.4	94.5	94.4	94.3
2500	82.3	85.9	89.0	91.0	92.3	93.0	93.2	93.0	92.8	92.7
3150	80.3	83.9	87.0	89.0	90.5	91.1	90.9	90.6	90.4	90.2
4000	77.0	80.8	83.9	85.9	87.5	87.7	87.2	86.8	86.6	86.4
5000	72.1	75.9	79.2	81.2	82.8	82.5	81.8	81.4	81.1	80.9
6300	64.3	68.3	71.6	73.8	75.2	74.6	73.8	73.4	73.1	72.8
8000	52.9	56.9	60.4	62.6	63.8	63.1	62.2	61.8	61.4	61.1
10000	39.0	43.0	46.4	48.7	49.9	49.1	48.1	47.6	47.2	46.9

Tab. 161: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.2	55.2	55.2	55.2	55.3	55.2	55.3	55.3	55.3
25	61.5	61.4	61.4	61.5	61.5	61.4	61.5	61.5	61.5
31.5	66.9	66.9	66.9	67.0	67.0	66.9	67.0	67.0	67.0
40	71.7	71.7	71.7	71.7	71.8	71.7	71.8	71.8	71.8
50	75.9	75.8	75.9	75.9	75.9	75.9	75.9	76.0	76.0
63	79.4	79.3	79.4	79.4	79.4	79.4	79.4	79.5	79.5
80	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.5	82.5
100	84.5	84.4	84.5	84.5	84.5	84.5	84.6	84.6	84.6
125	85.4	85.4	85.5	85.5	85.5	85.5	85.6	85.6	85.7
160	86.0	86.0	86.1	86.1	86.1	86.2	86.3	86.3	86.4
200	86.7	86.7	86.8	86.8	86.9	86.9	87.0	87.1	87.2
250	87.7	87.8	87.8	87.9	87.9	88.0	88.1	88.2	88.3
315	88.7	88.7	88.8	88.9	88.9	89.1	89.2	89.2	89.4
400	89.6	89.7	89.8	89.9	90.0	90.1	90.2	90.3	90.4
500	90.5	90.6	90.7	90.8	90.9	91.0	91.1	91.2	91.3
630	91.4	91.5	91.6	91.7	91.8	91.9	92.0	92.0	92.1
800	92.3	92.5	92.6	92.7	92.7	92.8	92.8	92.9	92.9
1000	93.4	93.5	93.6	93.7	93.7	93.7	93.7	93.7	93.6
1250	94.4	94.4	94.5	94.5	94.4	94.4	94.3	94.3	94.2
1600	95.0	94.9	94.9	94.8	94.7	94.6	94.6	94.5	94.5
2000	94.2	94.1	94.0	93.9	93.8	93.7	93.7	93.6	93.6
2500	92.5	92.4	92.3	92.2	92.1	92.0	91.9	91.9	91.8
3150	90.0	89.9	89.8	89.7	89.6	89.5	89.4	89.4	89.3
4000	86.2	86.1	86.0	85.8	85.7	85.6	85.5	85.5	85.4
5000	80.8	80.6	80.5	80.3	80.2	80.1	80.0	80.0	79.9
6300	72.6	72.4	72.3	72.2	72.0	71.9	71.8	71.8	71.7
8000	60.9	60.7	60.5	60.4	60.3	60.1	60.0	60.0	59.9
10000	46.6	46.4	46.2	46.0	45.9	45.7	45.6	45.6	45.5

11.9 One-third octave band level E-138 EP3 E2-HT-160-ES-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 162: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	50.1	52.3	54.2	55.5	55.9	55.6	55.5	55.4	55.3	55.3
25	55.9	58.3	60.4	61.7	62.1	61.8	61.7	61.6	61.5	61.5
31.5	61.0	63.6	65.8	67.2	67.6	67.3	67.2	67.1	67.0	67.0
40	65.5	68.2	70.4	71.9	72.4	72.1	72.0	71.9	71.8	71.8
50	69.3	72.1	74.5	76.0	76.6	76.3	76.1	76.0	75.9	75.9
63	72.6	75.5	77.9	79.5	80.1	79.8	79.6	79.5	79.5	79.4
80	75.4	78.3	80.9	82.5	83.1	82.8	82.6	82.5	82.4	82.4
100	77.4	80.4	83.0	84.7	85.3	84.9	84.7	84.6	84.5	84.5
125	78.5	81.6	84.1	85.8	86.3	85.9	85.6	85.5	85.5	85.5
160	79.3	82.3	84.9	86.6	87.1	86.5	86.2	86.1	86.1	86.1
200	80.1	83.2	85.8	87.5	87.9	87.3	86.9	86.8	86.8	86.8
250	81.2	84.3	86.9	88.7	89.0	88.4	88.0	87.9	87.9	87.8
315	82.1	85.3	87.9	89.7	90.0	89.4	89.0	88.8	88.8	88.8
400	82.7	86.0	88.7	90.5	90.9	90.2	89.9	89.7	89.7	89.7
500	83.0	86.4	89.2	91.0	91.5	91.0	90.7	90.5	90.6	90.6
630	83.0	86.5	89.4	91.3	91.9	91.6	91.3	91.3	91.4	91.4
800	83.2	86.7	89.6	91.5	92.3	92.1	92.0	92.1	92.2	92.3
1000	83.6	87.1	90.0	92.0	92.8	92.8	92.9	93.0	93.2	93.3
1250	84.2	87.7	90.6	92.6	93.5	93.6	93.9	94.1	94.2	94.4
1600	84.5	88.0	91.0	93.0	94.0	94.4	94.7	94.9	95.0	95.0
2000	83.9	87.4	90.4	92.4	93.5	94.1	94.4	94.5	94.4	94.3
2500	82.4	86.0	89.1	91.0	92.3	93.0	93.1	92.9	92.7	92.6
3150	80.3	83.9	87.0	89.0	90.4	90.9	90.7	90.4	90.1	90.0
4000	76.9	80.6	83.8	85.7	87.3	87.3	86.8	86.5	86.2	86.0
5000	71.8	75.6	78.8	80.8	82.3	81.9	81.2	80.9	80.6	80.4
6300	63.7	67.6	71.0	73.1	74.3	73.6	72.9	72.5	72.2	72.0
8000	51.8	55.8	59.2	61.3	62.4	61.6	60.8	60.4	60.0	59.7
10000	37.1	41.1	44.5	46.7	47.8	46.8	45.9	45.4	45.0	44.7

Tab. 163: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4
25	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.7
31.5	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.2
40	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9
50	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.1	76.1
63	79.4	79.5	79.4	79.5	79.5	79.5	79.5	79.6	79.6
80	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.6	82.6
100	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.7	84.7
125	85.5	85.5	85.5	85.6	85.6	85.6	85.7	85.8	85.8
160	86.1	86.1	86.1	86.2	86.2	86.3	86.3	86.4	86.5
200	86.8	86.8	86.9	86.9	87.0	87.0	87.1	87.2	87.2
250	87.8	87.9	87.9	88.0	88.0	88.1	88.2	88.3	88.3
315	88.8	88.8	88.9	89.0	89.0	89.1	89.2	89.4	89.4
400	89.7	89.8	89.9	90.0	90.1	90.2	90.3	90.4	90.5
500	90.6	90.7	90.8	90.9	91.0	91.1	91.2	91.3	91.4
630	91.5	91.6	91.7	91.8	91.9	91.9	92.0	92.1	92.2
800	92.4	92.5	92.6	92.7	92.8	92.8	92.9	92.9	92.9
1000	93.4	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.6
1250	94.4	94.5	94.5	94.5	94.4	94.4	94.3	94.3	94.2
1600	95.0	94.9	94.8	94.8	94.7	94.6	94.5	94.5	94.5
2000	94.2	94.1	93.9	93.9	93.8	93.7	93.6	93.6	93.5
2500	92.4	92.3	92.1	92.1	92.0	91.9	91.8	91.8	91.7
3150	89.8	89.7	89.5	89.5	89.4	89.3	89.2	89.2	89.1
4000	85.9	85.7	85.6	85.5	85.4	85.3	85.2	85.2	85.1
5000	80.2	80.1	79.9	79.8	79.7	79.6	79.5	79.4	79.4
6300	71.8	71.6	71.4	71.3	71.2	71.1	71.0	70.9	70.8
8000	59.5	59.3	59.1	59.0	58.9	58.8	58.6	58.6	58.5
10000	44.5	44.3	44.0	43.9	43.8	43.6	43.5	43.5	43.4

12 Operating mode 1000 kW s

12.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 164: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre freq. in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	51.3	52.6	53.8	54.7	54.8	54.5	54.5	54.4	54.4	54.4	54.3
25	57.2	58.6	59.9	60.9	61.0	60.7	60.6	60.6	60.5	60.5	60.5
31.5	62.4	63.9	65.3	66.4	66.4	66.1	66.1	66.0	66.0	66.0	65.9
40	66.9	68.5	70.0	71.1	71.1	70.9	70.8	70.7	70.7	70.7	70.7
50	70.8	72.5	74.0	75.2	75.2	74.9	74.9	74.8	74.8	74.8	74.7
63	74.1	75.8	77.4	78.7	78.7	78.4	78.3	78.3	78.2	78.2	78.2
80	77.0	78.7	80.4	81.6	81.6	81.3	81.3	81.2	81.2	81.2	81.1
100	79.1	80.9	82.5	83.8	83.7	83.4	83.4	83.3	83.3	83.3	83.2
125	80.2	81.9	83.6	84.9	84.8	84.4	84.3	84.3	84.2	84.2	84.2
160	81.0	82.7	84.4	85.6	85.4	85.0	84.9	84.9	84.8	84.8	84.8
200	81.8	83.6	85.3	86.4	86.2	85.8	85.7	85.6	85.6	85.5	85.5
250	82.9	84.7	86.5	87.6	87.3	86.9	86.7	86.7	86.6	86.6	86.6
315	83.9	85.7	87.5	88.6	88.3	87.8	87.7	87.6	87.6	87.6	87.6
400	84.6	86.5	88.3	89.5	89.2	88.7	88.6	88.5	88.5	88.5	88.5
500	84.9	86.9	88.8	90.1	89.9	89.5	89.4	89.4	89.4	89.4	89.4
630	85.0	87.0	89.0	90.4	90.4	90.1	90.1	90.1	90.1	90.2	90.2
800	85.2	87.2	89.2	90.8	90.9	90.7	90.7	90.8	90.9	91.0	91.1
1000	85.7	87.7	89.7	91.3	91.5	91.5	91.6	91.7	91.9	92.0	92.0
1250	86.3	88.3	90.3	92.0	92.3	92.4	92.6	92.8	92.9	93.0	93.1
1600	86.7	88.8	90.7	92.6	93.0	93.3	93.5	93.6	93.7	93.7	93.7
2000	86.2	88.3	90.2	92.1	92.7	93.1	93.3	93.3	93.2	93.1	93.0
2500	84.9	87.0	89.0	91.0	91.7	92.0	92.0	91.8	91.7	91.6	91.4
3150	83.0	85.2	87.2	89.3	90.0	90.0	89.7	89.5	89.3	89.2	89.1
4000	80.1	82.2	84.3	86.5	87.0	86.5	86.2	86.0	85.8	85.6	85.5
5000	75.5	77.8	79.8	82.1	82.2	81.5	81.1	80.9	80.7	80.5	80.3
6300	68.4	70.7	72.8	75.0	74.9	74.0	73.6	73.3	73.1	72.9	72.8
8000	57.8	60.2	62.4	64.4	64.3	63.3	62.9	62.6	62.3	62.1	61.9

One-third octave band level centre freq. in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	45.1	47.5	49.7	51.7	51.5	50.4	49.9	49.6	49.3	49.1	48.8

Tab. 165: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s										
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15	
20	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5
25	60.5	60.5	60.6	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.7
31.5	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1	66.1
40	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8	70.8
50	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9
63	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4
80	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3
100	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4
125	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.5
160	84.8	84.8	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.1	85.1
200	85.5	85.5	85.6	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.9
250	86.6	86.6	86.7	86.7	86.7	86.8	86.9	86.9	86.9	87.0	87.0
315	87.6	87.6	87.7	87.7	87.7	87.8	87.9	87.9	87.9	88.0	88.1
400	88.5	88.6	88.6	88.7	88.7	88.8	88.9	88.9	88.9	89.0	89.1
500	89.4	89.5	89.5	89.6	89.7	89.7	89.8	89.8	89.8	89.9	90.0
630	90.3	90.3	90.4	90.5	90.5	90.6	90.6	90.7	90.7	90.8	90.8
800	91.1	91.2	91.3	91.4	91.4	91.5	91.5	91.6	91.6	91.6	91.6
1000	92.1	92.2	92.3	92.3	92.4	92.4	92.5	92.4	92.5	92.5	92.4
1250	93.1	93.2	93.2	93.2	93.2	93.2	93.1	93.1	93.1	93.1	93.0
1600	93.7	93.7	93.6	93.5	93.5	93.4	93.4	93.3	93.3	93.3	93.3
2000	93.0	92.9	92.8	92.7	92.7	92.6	92.5	92.5	92.5	92.5	92.5
2500	91.3	91.3	91.2	91.1	91.0	91.0	90.9	90.9	90.8	90.8	90.8
3150	89.0	88.9	88.8	88.7	88.6	88.6	88.5	88.5	88.4	88.4	88.4
4000	85.4	85.3	85.2	85.1	85.0	85.0	84.9	84.8	84.8	84.8	84.8
5000	80.2	80.2	80.0	79.9	79.8	79.8	79.7	79.6	79.6	79.6	79.5
6300	72.6	72.5	72.4	72.3	72.2	72.1	72.0	72.0	71.9	71.9	71.9
8000	61.8	61.7	61.5	61.4	61.3	61.2	61.1	61.0	61.0	61.0	60.9
10000	48.7	48.5	48.4	48.3	48.1	48.0	47.9	47.9	47.8	47.8	47.8

12.2 One-third octave band level E-138 EP3 E2-ST-81-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 166: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.9	50.5	52.3	53.9	<i>54.3</i>	54.0	53.9	53.9	53.9	53.9
25	53.6	56.4	58.4	60.0	<i>60.5</i>	60.2	60.1	60.1	60.1	60.1
31.5	58.7	61.6	63.7	65.5	<i>65.9</i>	65.6	65.5	65.5	65.5	65.5
40	63.0	66.0	68.3	70.2	<i>70.6</i>	70.3	70.3	70.2	70.2	70.2
50	66.8	69.9	72.3	74.2	<i>74.7</i>	74.4	74.3	74.3	74.3	74.3
63	70.0	73.2	75.7	77.7	<i>78.2</i>	77.9	77.8	77.8	77.8	77.8
80	72.8	76.1	78.6	80.6	<i>81.1</i>	80.8	80.7	80.7	80.7	80.7
100	74.9	78.2	80.7	82.8	<i>83.3</i>	82.9	82.8	82.8	82.8	82.8
125	76.0	79.3	81.8	83.9	<i>84.3</i>	83.9	83.8	83.8	83.8	83.8
160	76.8	80.1	82.6	84.7	<i>85.0</i>	84.6	84.4	84.4	84.4	84.4
200	77.6	81.0	83.5	85.5	<i>85.8</i>	85.3	85.1	85.1	85.1	85.1
250	78.8	82.1	84.7	86.7	<i>86.9</i>	86.4	86.2	86.2	86.2	86.2
315	79.6	83.1	85.7	87.7	<i>87.9</i>	87.4	87.2	87.2	87.2	87.2
400	80.2	83.8	86.5	88.6	<i>88.8</i>	88.3	88.2	88.2	88.2	88.2
500	80.4	84.1	86.9	89.2	<i>89.5</i>	89.1	89.0	89.0	89.1	89.1
630	80.5	84.2	87.1	89.5	<i>90.1</i>	89.8	89.8	89.8	89.9	90.0
800	80.7	84.5	87.3	89.8	<i>90.6</i>	90.5	90.5	90.7	90.8	90.9
1000	81.2	85.0	87.9	90.4	<i>91.3</i>	91.3	91.5	91.7	91.8	92.0
1250	81.8	85.6	88.6	91.1	<i>92.1</i>	92.4	92.6	92.8	92.9	93.0
1600	82.3	86.1	89.1	91.7	<i>92.9</i>	93.4	93.6	93.7	93.7	93.7
2000	81.8	85.7	88.7	91.4	<i>92.8</i>	93.3	93.4	93.3	93.2	93.1
2500	80.8	84.7	87.7	90.5	<i>92.0</i>	92.3	92.2	92.0	91.9	91.7
3150	79.2	83.2	86.3	89.1	<i>90.7</i>	90.6	90.3	90.0	89.9	89.7
4000	76.7	80.8	84.0	86.9	<i>88.3</i>	87.7	87.4	87.1	86.9	86.8
5000	72.9	77.2	80.4	83.4	<i>84.5</i>	83.6	83.2	82.9	82.7	82.5
6300	67.1	71.4	74.8	77.7	<i>78.6</i>	77.5	77.1	76.8	76.6	76.4
8000	58.9	63.2	66.6	69.6	<i>70.3</i>	69.2	68.7	68.3	68.1	67.9
10000	49.5	53.8	57.2	60.2	<i>60.9</i>	59.6	59.0	58.6	58.4	58.1

Tab. 167: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	53.9	53.9	53.9	54.0	54.0	54.1	54.1	54.1	54.1
25	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.3	60.3
31.5	65.5	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.8
40	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.5
50	74.3	74.3	74.4	74.4	74.4	74.5	74.5	74.5	74.6
63	77.8	77.8	77.8	77.9	77.9	77.9	78.0	78.0	78.1
80	80.7	80.8	80.8	80.8	80.9	80.9	80.9	80.9	81.0
100	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.1	83.1
125	83.8	83.8	83.9	83.9	84.0	84.0	84.1	84.1	84.2
160	84.4	84.5	84.5	84.6	84.7	84.7	84.8	84.8	84.9
200	85.2	85.2	85.3	85.3	85.4	85.4	85.5	85.6	85.7
250	86.3	86.3	86.4	86.5	86.5	86.6	86.7	86.8	86.8
315	87.3	87.3	87.4	87.5	87.6	87.7	87.8	87.9	88.0
400	88.3	88.3	88.4	88.6	88.6	88.7	88.8	88.9	89.0
500	89.2	89.3	89.4	89.5	89.6	89.6	89.7	89.8	89.9
630	90.1	90.2	90.3	90.4	90.4	90.5	90.6	90.7	90.7
800	91.0	91.1	91.2	91.3	91.4	91.4	91.4	91.5	91.4
1000	92.1	92.1	92.2	92.3	92.3	92.3	92.3	92.2	92.2
1250	93.1	93.1	93.1	93.1	93.0	93.0	92.9	92.9	92.8
1600	93.6	93.6	93.5	93.4	93.4	93.3	93.3	93.2	93.2
2000	93.0	92.9	92.8	92.8	92.7	92.7	92.6	92.5	92.5
2500	91.6	91.5	91.4	91.4	91.3	91.2	91.2	91.1	91.1
3150	89.6	89.5	89.4	89.3	89.3	89.2	89.1	89.1	89.0
4000	86.6	86.5	86.4	86.3	86.3	86.2	86.1	86.0	86.0
5000	82.4	82.3	82.1	82.0	82.0	81.9	81.8	81.7	81.7
6300	76.2	76.1	75.9	75.8	75.7	75.7	75.6	75.5	75.5
8000	67.7	67.5	67.3	67.2	67.1	67.1	67.0	66.9	66.9
10000	57.9	57.7	57.5	57.4	57.3	57.2	57.1	57.1	57.0

12.3 One-third octave band level E-138 EP3 E2-ST-96-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 168: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.4	51.0	52.8	54.3	<i>54.4</i>	54.1	54.0	54.0	54.0	54.1
25	54.2	56.9	58.8	60.4	<i>60.5</i>	60.3	60.2	60.2	60.2	60.2
31.5	59.2	62.1	64.2	65.9	<i>66.0</i>	65.7	65.6	65.6	65.6	65.7
40	63.6	66.6	68.8	70.6	<i>70.7</i>	70.5	70.4	70.4	70.3	70.4
50	67.3	70.5	72.8	74.7	<i>74.8</i>	74.5	74.4	74.4	74.4	74.5
63	70.6	73.8	76.2	78.1	<i>78.3</i>	78.0	77.9	77.9	77.9	77.9
80	73.4	76.7	79.1	81.1	<i>81.2</i>	80.9	80.9	80.9	80.8	80.9
100	75.5	78.8	81.2	83.3	<i>83.3</i>	83.1	83.0	83.0	82.9	83.0
125	76.6	79.9	82.4	84.4	<i>84.3</i>	84.0	83.9	83.9	83.9	83.9
160	77.4	80.7	83.2	85.1	<i>85.0</i>	84.7	84.5	84.5	84.5	84.6
200	78.3	81.5	84.1	86.0	<i>85.8</i>	85.4	85.3	85.3	85.2	85.3
250	79.4	82.7	85.2	87.1	<i>86.9</i>	86.5	86.4	86.3	86.3	86.4
315	80.3	83.6	86.2	88.1	<i>87.9</i>	87.5	87.4	87.3	87.3	87.4
400	80.8	84.3	87.0	89.0	<i>88.8</i>	88.4	88.3	88.3	88.3	88.4
500	81.1	84.7	87.5	89.6	<i>89.5</i>	89.2	89.1	89.2	89.2	89.3
630	81.1	84.8	87.7	90.0	<i>90.1</i>	89.9	89.9	90.0	90.0	90.1
800	81.3	85.0	87.9	90.3	<i>90.6</i>	90.6	90.7	90.8	90.9	91.0
1000	81.8	85.6	88.4	90.9	<i>91.4</i>	91.4	91.6	91.8	91.9	92.1
1250	82.4	86.2	89.1	91.7	<i>92.2</i>	92.5	92.7	92.9	93.0	93.1
1600	82.8	86.7	89.6	92.3	<i>93.0</i>	93.4	93.6	93.7	93.7	93.7
2000	82.4	86.3	89.2	91.9	<i>92.9</i>	93.3	93.3	93.3	93.1	93.0
2500	81.2	85.2	88.1	91.0	<i>92.0</i>	92.2	92.0	91.9	91.7	91.6
3150	79.6	83.6	86.5	89.5	<i>90.5</i>	90.3	90.0	89.8	89.6	89.5
4000	76.9	81.0	84.0	87.1	<i>87.8</i>	87.2	86.9	86.7	86.4	86.3
5000	72.9	77.1	80.2	83.3	<i>83.6</i>	82.8	82.4	82.2	81.9	81.8
6300	66.6	71.0	74.2	77.2	<i>77.2</i>	76.3	75.9	75.6	75.4	75.2
8000	57.7	62.1	65.4	68.4	<i>68.2</i>	67.2	66.8	66.5	66.2	66.0
10000	47.3	51.7	55.0	58.0	<i>57.8</i>	56.7	56.1	55.8	55.4	55.2

Tab. 169: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.3	54.3
25	60.2	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.4
31.5	65.7	65.7	65.7	65.7	65.7	65.8	65.8	65.9	65.9
40	70.4	70.4	70.5	70.5	70.5	70.5	70.6	70.6	70.6
50	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.7	74.7
63	77.9	77.9	78.0	78.0	78.0	78.1	78.1	78.2	78.2
80	80.9	80.9	80.9	81.0	81.0	81.0	81.1	81.1	81.1
100	83.0	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.3
125	84.0	84.0	84.0	84.1	84.1	84.2	84.2	84.3	84.3
160	84.6	84.6	84.7	84.7	84.8	84.8	84.9	85.0	85.0
200	85.3	85.4	85.4	85.5	85.6	85.6	85.7	85.8	85.9
250	86.4	86.4	86.5	86.6	86.7	86.7	86.9	86.9	87.0
315	87.4	87.5	87.6	87.6	87.8	87.8	88.0	88.0	88.2
400	88.4	88.5	88.6	88.7	88.8	88.9	89.0	89.1	89.2
500	89.3	89.4	89.5	89.6	89.7	89.8	89.9	90.0	90.1
630	90.2	90.3	90.4	90.5	90.6	90.6	90.7	90.7	90.8
800	91.1	91.2	91.3	91.4	91.5	91.5	91.5	91.5	91.5
1000	92.2	92.2	92.3	92.3	92.4	92.3	92.3	92.3	92.2
1250	93.1	93.1	93.1	93.1	93.0	93.0	92.9	92.9	92.8
1600	93.6	93.5	93.5	93.4	93.3	93.3	93.3	93.2	93.2
2000	92.9	92.8	92.8	92.7	92.6	92.6	92.5	92.5	92.4
2500	91.5	91.4	91.3	91.2	91.1	91.1	91.0	91.0	90.9
3150	89.4	89.2	89.2	89.1	89.0	88.9	88.9	88.8	88.8
4000	86.2	86.1	86.0	85.9	85.8	85.7	85.7	85.6	85.5
5000	81.7	81.5	81.4	81.3	81.2	81.2	81.1	81.0	81.0
6300	75.1	74.9	74.8	74.7	74.6	74.5	74.4	74.4	74.3
8000	65.8	65.6	65.5	65.4	65.3	65.2	65.1	65.1	65.0
10000	55.0	54.8	54.7	54.6	54.4	54.4	54.3	54.3	54.2

12.4 One-third octave band level E-138 EP3 E2-ST-111-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 170: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.9	51.3	53.2	54.6	<i>54.5</i>	54.3	54.2	54.2	54.2	54.2
25	54.7	57.3	59.3	60.7	<i>60.6</i>	60.4	60.4	60.3	60.3	60.4
31.5	59.8	62.5	64.6	66.2	<i>66.1</i>	65.9	65.8	65.8	65.8	65.8
40	64.1	67.0	69.3	70.9	<i>70.8</i>	70.6	70.5	70.5	70.5	70.5
50	67.9	70.9	73.3	75.0	<i>74.9</i>	74.7	74.6	74.6	74.6	74.6
63	71.2	74.3	76.7	78.5	<i>78.3</i>	78.1	78.1	78.0	78.0	78.1
80	74.0	77.1	79.6	81.4	<i>81.3</i>	81.1	81.0	81.0	81.0	81.0
100	76.0	79.2	81.7	83.6	<i>83.4</i>	83.2	83.1	83.1	83.1	83.1
125	77.1	80.3	82.9	84.7	<i>84.4</i>	84.1	84.1	84.0	84.0	84.1
160	77.9	81.1	83.7	85.4	<i>85.0</i>	84.7	84.7	84.6	84.7	84.7
200	78.8	82.0	84.5	86.3	<i>85.8</i>	85.5	85.4	85.4	85.4	85.4
250	79.9	83.1	85.7	87.4	<i>86.9</i>	86.6	86.5	86.4	86.4	86.5
315	80.8	84.1	86.7	88.4	<i>87.9</i>	87.5	87.4	87.4	87.4	87.5
400	81.4	84.8	87.5	89.3	<i>88.8</i>	88.5	88.4	88.4	88.4	88.4
500	81.6	85.2	88.0	89.9	<i>89.5</i>	89.3	89.2	89.2	89.3	89.3
630	81.7	85.3	88.2	90.3	<i>90.1</i>	90.0	90.0	90.1	90.1	90.2
800	81.9	85.5	88.4	90.7	<i>90.7</i>	90.6	90.7	90.9	91.0	91.1
1000	82.4	86.0	88.9	91.3	<i>91.4</i>	91.5	91.7	91.9	92.0	92.1
1250	82.9	86.6	89.5	92.0	<i>92.3</i>	92.6	92.8	92.9	93.0	93.1
1600	83.4	87.1	90.0	92.6	<i>93.2</i>	93.5	93.6	93.7	93.7	93.7
2000	82.8	86.6	89.6	92.2	<i>93.0</i>	93.3	93.3	93.2	93.1	93.0
2500	81.6	85.5	88.5	91.2	<i>92.0</i>	92.1	91.9	91.7	91.6	91.4
3150	79.9	83.7	86.8	89.7	<i>90.3</i>	90.0	89.7	89.5	89.3	89.2
4000	77.1	81.0	84.1	87.1	<i>87.3</i>	86.7	86.4	86.2	86.0	85.9
5000	72.8	76.8	80.0	83.0	<i>82.7</i>	82.0	81.7	81.4	81.2	81.1
6300	66.1	70.3	73.6	76.4	<i>75.9</i>	75.1	74.7	74.5	74.2	74.1
8000	56.5	60.7	64.1	66.9	<i>66.2</i>	65.3	64.9	64.6	64.3	64.1
10000	45.1	49.3	52.7	55.5	<i>54.7</i>	53.7	53.2	52.9	52.6	52.4

Tab. 171: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	54.2	54.2	54.2	54.3	54.3	54.3	54.4	54.4	54.4
25	60.4	60.4	60.4	60.4	60.5	60.5	60.5	60.6	60.6
31.5	65.8	65.8	65.9	65.9	65.9	65.9	66.0	66.0	66.0
40	70.5	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.8
50	74.6	74.6	74.7	74.7	74.7	74.7	74.8	74.8	74.8
63	78.1	78.1	78.1	78.1	78.2	78.2	78.3	78.3	78.3
80	81.0	81.0	81.1	81.1	81.1	81.2	81.2	81.2	81.3
100	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.4	83.4
125	84.1	84.1	84.2	84.2	84.3	84.3	84.4	84.4	84.5
160	84.7	84.8	84.8	84.9	84.9	85.0	85.1	85.1	85.2
200	85.4	85.5	85.6	85.6	85.7	85.7	85.8	85.9	86.0
250	86.5	86.6	86.6	86.7	86.8	86.9	87.0	87.1	87.2
315	87.5	87.6	87.7	87.8	87.9	87.9	88.1	88.2	88.3
400	88.5	88.6	88.7	88.8	88.9	89.0	89.1	89.2	89.3
500	89.4	89.5	89.6	89.7	89.8	89.9	90.0	90.1	90.2
630	90.3	90.4	90.5	90.6	90.7	90.7	90.8	90.8	90.9
800	91.2	91.3	91.4	91.5	91.5	91.5	91.6	91.6	91.6
1000	92.2	92.3	92.4	92.4	92.4	92.3	92.3	92.3	92.2
1250	93.1	93.1	93.1	93.1	93.0	93.0	92.9	92.9	92.9
1600	93.6	93.5	93.5	93.4	93.3	93.3	93.2	93.2	93.2
2000	92.9	92.8	92.7	92.6	92.5	92.5	92.4	92.4	92.4
2500	91.3	91.2	91.1	91.0	91.0	90.9	90.9	90.8	90.8
3150	89.1	89.0	88.9	88.8	88.7	88.7	88.6	88.6	88.5
4000	85.7	85.6	85.5	85.4	85.3	85.3	85.2	85.2	85.1
5000	80.9	80.8	80.7	80.6	80.5	80.4	80.4	80.3	80.2
6300	73.9	73.7	73.6	73.5	73.4	73.3	73.3	73.2	73.2
8000	63.9	63.8	63.6	63.5	63.4	63.3	63.3	63.2	63.2
10000	52.1	52.0	51.8	51.7	51.6	51.5	51.4	51.4	51.4

12.5 One-third octave band level E-138 EP3 E2-ST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 172: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-	-

Tab. 173: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-

12.6 One-third octave band level E-138 EP3 E2-ST-131-FB-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 174: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-	-

Tab. 175: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-

12.7 One-third octave band level E-138 EP3 E2-HST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 176: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	-	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-	-

Tab. 177: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	-	-	-	-	-	-	-	-	-
25	-	-	-	-	-	-	-	-	-
31.5	-	-	-	-	-	-	-	-	-
40	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-
63	-	-	-	-	-	-	-	-	-
80	-	-	-	-	-	-	-	-	-
100	-	-	-	-	-	-	-	-	-
125	-	-	-	-	-	-	-	-	-
160	-	-	-	-	-	-	-	-	-
200	-	-	-	-	-	-	-	-	-
250	-	-	-	-	-	-	-	-	-
315	-	-	-	-	-	-	-	-	-
400	-	-	-	-	-	-	-	-	-
500	-	-	-	-	-	-	-	-	-
630	-	-	-	-	-	-	-	-	-
800	-	-	-	-	-	-	-	-	-
1000	-	-	-	-	-	-	-	-	-
1250	-	-	-	-	-	-	-	-	-
1600	-	-	-	-	-	-	-	-	-
2000	-	-	-	-	-	-	-	-	-
2500	-	-	-	-	-	-	-	-	-
3150	-	-	-	-	-	-	-	-	-
4000	-	-	-	-	-	-	-	-	-
5000	-	-	-	-	-	-	-	-	-
6300	-	-	-	-	-	-	-	-	-
8000	-	-	-	-	-	-	-	-	-
10000	-	-	-	-	-	-	-	-	-

12.8 One-third octave band level E-138 EP3 E2-HT-149-ES-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 178: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.9	52.1	54.0	54.9	<i>54.7</i>	54.6	54.5	54.5	54.5	54.5
25	55.7	58.1	60.2	61.1	<i>60.8</i>	60.8	60.7	60.7	60.7	60.7
31.5	60.8	63.4	65.5	66.6	<i>66.3</i>	66.2	66.1	66.1	66.1	66.1
40	65.2	67.9	70.2	71.3	<i>71.0</i>	70.9	70.9	70.9	70.8	70.9
50	69.0	71.9	74.2	75.4	<i>75.1</i>	75.0	74.9	74.9	74.9	74.9
63	72.3	75.2	77.7	78.8	<i>78.5</i>	78.5	78.4	78.4	78.4	78.4
80	75.1	78.1	80.6	81.8	<i>81.5</i>	81.4	81.3	81.3	81.3	81.3
100	77.2	80.2	82.8	83.9	<i>83.6</i>	83.5	83.4	83.4	83.4	83.4
125	78.3	81.3	83.9	85.0	<i>84.6</i>	84.4	84.4	84.4	84.4	84.4
160	79.1	82.1	84.7	85.6	<i>85.2</i>	85.0	85.0	85.0	85.0	85.0
200	79.9	83.0	85.5	86.4	<i>85.9</i>	85.7	85.7	85.7	85.7	85.7
250	81.0	84.1	86.7	87.5	<i>87.0</i>	86.8	86.7	86.7	86.7	86.8
315	81.9	85.0	87.7	88.5	<i>88.0</i>	87.8	87.7	87.7	87.7	87.7
400	82.5	85.8	88.5	89.4	<i>88.9</i>	88.7	88.6	88.6	88.6	88.7
500	82.7	86.1	89.0	90.0	<i>89.6</i>	89.5	89.4	89.5	89.5	89.6
630	82.8	86.3	89.2	90.5	<i>90.2</i>	90.2	90.2	90.3	90.4	90.4
800	83.0	86.4	89.4	90.9	<i>90.8</i>	90.9	91.0	91.1	91.2	91.3
1000	83.4	86.9	89.8	91.5	<i>91.6</i>	91.7	91.9	92.1	92.2	92.3
1250	84.0	87.5	90.5	92.2	<i>92.5</i>	92.8	92.9	93.1	93.1	93.2
1600	84.3	87.9	90.9	92.8	<i>93.3</i>	93.6	93.7	93.7	93.7	93.6
2000	83.7	87.3	90.3	92.4	<i>93.1</i>	93.2	93.1	93.0	92.9	92.8
2500	82.3	85.9	89.0	91.3	<i>91.9</i>	91.7	91.5	91.4	91.2	91.0
3150	80.3	83.9	87.1	89.5	<i>89.7</i>	89.3	89.0	88.9	88.7	88.5
4000	77.0	80.8	83.9	86.3	<i>86.0</i>	85.5	85.2	85.1	84.9	84.7
5000	72.1	75.9	79.2	81.4	<i>80.6</i>	80.1	79.8	79.6	79.4	79.2
6300	64.3	68.3	71.6	73.6	<i>72.6</i>	72.1	71.7	71.5	71.2	71.1
8000	52.9	56.9	60.3	62.1	<i>61.0</i>	60.5	60.1	59.8	59.5	59.3
10000	39.0	43.0	46.4	48.2	<i>46.9</i>	46.3	45.8	45.5	45.2	45.0

Tab. 179: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	54.5	54.6	54.6	54.6	54.7	54.6	54.7	54.7	54.8
25	60.7	60.7	60.7	60.7	60.8	60.8	60.9	60.9	60.9
31.5	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.4
40	70.9	70.9	70.9	70.9	71.0	71.0	71.1	71.1	71.1
50	74.9	75.0	75.0	75.0	75.1	75.1	75.1	75.1	75.2
63	78.4	78.4	78.5	78.5	78.5	78.5	78.6	78.6	78.7
80	81.3	81.4	81.4	81.4	81.5	81.5	81.5	81.6	81.6
100	83.4	83.5	83.5	83.5	83.6	83.6	83.7	83.7	83.7
125	84.4	84.5	84.5	84.5	84.6	84.6	84.7	84.7	84.8
160	85.1	85.1	85.1	85.2	85.3	85.3	85.4	85.4	85.5
200	85.8	85.8	85.9	85.9	86.0	86.1	86.2	86.2	86.3
250	86.8	86.9	87.0	87.0	87.1	87.2	87.3	87.4	87.5
315	87.8	87.9	88.0	88.1	88.2	88.3	88.4	88.5	88.6
400	88.8	88.9	89.0	89.1	89.2	89.3	89.4	89.5	89.6
500	89.7	89.8	89.9	90.0	90.1	90.1	90.3	90.3	90.4
630	90.6	90.6	90.7	90.8	90.9	90.9	91.0	91.0	91.1
800	91.4	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.6
1000	92.4	92.5	92.5	92.5	92.5	92.4	92.4	92.3	92.3
1250	93.2	93.2	93.2	93.1	93.1	93.0	93.0	92.9	92.9
1600	93.5	93.5	93.4	93.3	93.3	93.2	93.2	93.1	93.1
2000	92.7	92.6	92.5	92.4	92.4	92.3	92.3	92.2	92.2
2500	90.9	90.8	90.8	90.7	90.6	90.5	90.5	90.5	90.4
3150	88.4	88.3	88.2	88.1	88.1	88.0	88.0	87.9	87.9
4000	84.6	84.5	84.4	84.3	84.2	84.1	84.1	84.0	84.0
5000	79.1	79.0	78.9	78.7	78.7	78.6	78.6	78.5	78.4
6300	70.9	70.8	70.7	70.5	70.5	70.4	70.3	70.3	70.2
8000	59.2	59.0	58.9	58.7	58.7	58.6	58.5	58.5	58.4
10000	44.8	44.6	44.5	44.4	44.3	44.2	44.2	44.1	44.1

12.9 One-third octave band level E-138 EP3 E2-HT-160-ES-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 180: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	50.1	52.3	54.2	55.0	<i>54.8</i>	54.7	54.6	54.6	54.6	54.6
25	55.9	58.3	60.4	61.2	<i>60.9</i>	60.9	60.8	60.8	60.8	60.8
31.5	61.0	63.6	65.8	66.7	<i>66.4</i>	66.3	66.2	66.2	66.2	66.2
40	65.5	68.2	70.4	71.4	<i>71.1</i>	71.0	70.9	70.9	70.9	71.0
50	69.3	72.1	74.5	75.5	<i>75.2</i>	75.1	75.0	75.0	75.0	75.0
63	72.6	75.5	77.9	78.9	<i>78.6</i>	78.6	78.5	78.5	78.4	78.5
80	75.4	78.3	80.8	81.9	<i>81.6</i>	81.5	81.4	81.4	81.4	81.4
100	77.4	80.4	83.0	84.0	<i>83.7</i>	83.6	83.5	83.5	83.5	83.5
125	78.5	81.6	84.1	85.0	<i>84.6</i>	84.5	84.4	84.4	84.4	84.5
160	79.3	82.3	84.9	85.7	<i>85.2</i>	85.1	85.0	85.0	85.0	85.1
200	80.1	83.2	85.7	86.5	<i>85.9</i>	85.8	85.7	85.7	85.8	85.8
250	81.2	84.3	86.9	87.6	<i>87.0</i>	86.9	86.8	86.8	86.8	86.8
315	82.1	85.3	87.9	88.5	<i>88.0</i>	87.8	87.7	87.7	87.8	87.8
400	82.7	86.0	88.7	89.4	<i>88.9</i>	88.7	88.7	88.7	88.7	88.8
500	83.0	86.4	89.1	90.1	<i>89.6</i>	89.5	89.5	89.5	89.6	89.7
630	83.0	86.5	89.4	90.5	<i>90.2</i>	90.2	90.3	90.3	90.4	90.5
800	83.2	86.7	89.6	90.9	<i>90.8</i>	90.9	91.0	91.2	91.3	91.4
1000	83.6	87.1	90.1	91.5	<i>91.6</i>	91.8	92.0	92.1	92.2	92.4
1250	84.2	87.7	90.7	92.3	<i>92.5</i>	92.8	93.0	93.1	93.2	93.2
1600	84.5	88.0	91.1	92.8	<i>93.4</i>	93.6	93.7	93.7	93.6	93.6
2000	83.9	87.4	90.5	92.4	<i>93.1</i>	93.2	93.1	93.0	92.8	92.7
2500	82.4	86.0	89.1	91.3	<i>91.8</i>	91.6	91.4	91.2	91.0	90.9
3150	80.3	83.9	87.1	89.3	<i>89.5</i>	89.1	88.8	88.6	88.5	88.4
4000	76.9	80.6	83.9	86.0	<i>85.6</i>	85.2	84.9	84.7	84.5	84.4
5000	71.8	75.6	78.9	80.9	<i>80.0</i>	79.6	79.3	79.0	78.8	78.7
6300	63.7	67.6	71.0	72.7	<i>71.7</i>	71.2	70.9	70.6	70.4	70.2
8000	51.8	55.8	59.2	60.7	<i>59.6</i>	59.1	58.7	58.4	58.1	58.0
10000	37.1	41.1	44.5	46.0	<i>44.8</i>	44.2	43.7	43.4	43.1	42.9

Tab. 181: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	54.6	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.8
25	60.8	60.8	60.8	60.8	60.9	60.9	61.0	61.0	61.0
31.5	66.2	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4
40	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.2
50	75.0	75.1	75.1	75.1	75.1	75.2	75.2	75.2	75.3
63	78.5	78.5	78.5	78.6	78.6	78.6	78.7	78.7	78.8
80	81.4	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.7
100	83.5	83.6	83.6	83.6	83.7	83.7	83.8	83.8	83.8
125	84.5	84.6	84.6	84.6	84.7	84.7	84.8	84.8	84.9
160	85.1	85.2	85.2	85.3	85.3	85.4	85.5	85.5	85.6
200	85.8	85.9	86.0	86.0	86.1	86.2	86.2	86.3	86.4
250	86.9	87.0	87.1	87.1	87.2	87.3	87.4	87.5	87.6
315	87.9	88.0	88.1	88.2	88.3	88.4	88.5	88.6	88.7
400	88.9	89.0	89.1	89.2	89.3	89.4	89.5	89.6	89.7
500	89.8	89.8	90.0	90.0	90.1	90.2	90.3	90.4	90.5
630	90.6	90.7	90.8	90.9	90.9	91.0	91.0	91.1	91.1
800	91.5	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
1000	92.4	92.5	92.5	92.5	92.5	92.4	92.4	92.3	92.3
1250	93.2	93.2	93.2	93.1	93.0	93.0	92.9	92.9	92.9
1600	93.5	93.4	93.3	93.3	93.2	93.2	93.2	93.1	93.1
2000	92.6	92.5	92.4	92.3	92.3	92.2	92.2	92.1	92.1
2500	90.8	90.7	90.6	90.6	90.5	90.4	90.4	90.3	90.3
3150	88.2	88.1	88.0	87.9	87.9	87.8	87.8	87.7	87.7
4000	84.3	84.2	84.0	83.9	83.9	83.8	83.8	83.7	83.7
5000	78.5	78.4	78.3	78.2	78.1	78.0	78.0	77.9	77.9
6300	70.1	69.9	69.8	69.7	69.6	69.5	69.5	69.4	69.4
8000	57.8	57.6	57.5	57.4	57.3	57.2	57.2	57.1	57.1
10000	42.7	42.5	42.4	42.2	42.2	42.1	42.1	42.0	42.0

13 Operating mode 500 kW s

13.1 One-third octave band level at HH

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 182: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre freq. in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
20	51.3	52.0	<i>51.9</i>	51.8	51.7	51.7	51.7	51.7	51.7	51.8	51.8
25	57.2	58.0	<i>57.9</i>	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
31.5	62.4	63.2	<i>63.1</i>	63.0	62.9	62.9	62.9	62.9	63.0	63.0	63.0
40	66.9	67.7	<i>67.7</i>	67.5	67.4	67.5	67.4	67.5	67.5	67.5	67.5
50	70.8	71.6	<i>71.6</i>	71.4	71.3	71.4	71.3	71.3	71.4	71.4	71.4
63	74.1	75.0	<i>74.9</i>	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
80	77.0	77.8	<i>77.7</i>	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
100	79.1	79.9	<i>79.8</i>	79.6	79.5	79.5	79.5	79.5	79.5	79.6	79.6
125	80.2	80.9	<i>80.7</i>	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6
160	81.0	81.5	<i>81.4</i>	81.2	81.1	81.1	81.1	81.1	81.1	81.2	81.2
200	81.8	82.3	<i>82.1</i>	81.9	81.8	81.8	81.8	81.8	81.9	81.9	82.0
250	82.9	83.4	<i>83.2</i>	83.0	82.9	82.8	82.9	82.9	82.9	83.0	83.0
315	83.9	84.3	<i>84.1</i>	83.9	83.8	83.8	83.8	83.9	83.9	83.9	84.0
400	84.6	85.2	<i>84.9</i>	84.8	84.7	84.7	84.7	84.8	84.8	84.9	85.0
500	84.9	85.7	<i>85.6</i>	85.4	85.4	85.4	85.5	85.6	85.6	85.7	85.8
630	85.0	86.0	<i>86.0</i>	86.0	86.0	86.1	86.2	86.3	86.3	86.4	86.5
800	85.2	86.3	<i>86.4</i>	86.5	86.6	86.7	86.9	87.0	87.1	87.2	87.3
1000	85.7	86.9	<i>87.1</i>	87.3	87.4	87.6	87.7	87.8	87.9	88.0	88.0
1250	86.3	87.6	<i>88.0</i>	88.2	88.4	88.5	88.6	88.6	88.7	88.7	88.6
1600	86.7	88.2	<i>88.8</i>	89.0	89.1	89.2	89.1	89.1	89.0	88.9	88.9
2000	86.2	87.9	<i>88.5</i>	88.6	88.6	88.5	88.4	88.3	88.2	88.1	88.0
2500	84.9	86.8	<i>87.3</i>	87.2	87.0	86.9	86.7	86.6	86.5	86.4	86.3
3150	83.0	85.1	<i>85.4</i>	84.9	84.7	84.5	84.4	84.2	84.1	84.0	83.9
4000	80.1	82.1	<i>82.0</i>	81.4	81.1	80.9	80.8	80.6	80.5	80.4	80.3
5000	75.5	77.3	<i>76.9</i>	76.3	76.0	75.8	75.6	75.5	75.3	75.2	75.1
6300	68.4	69.9	<i>69.5</i>	68.8	68.4	68.2	68.0	67.8	67.7	67.6	67.4
8000	57.8	59.3	<i>58.8</i>	58.0	57.7	57.4	57.1	57.0	56.8	56.7	56.5

One-third octave band level centre freq. in Hz	v_H in m/s										
	5	5.5	6	6.5	7	7.5	8	8.5	9	9.5	10
10000	45.1	46.6	45.9	45.1	44.7	44.4	44.1	43.9	43.7	43.5	43.4

Tab. 183: One-third octave band level in dB(A), based on wind speed v_H at hub height

One-third octave band level centre frequency in Hz	v_H in m/s									
	10.5	11	11.5	12	12.5	13	13.5	14	14.5	15
20	51.8	51.8	51.8	51.8	51.9	51.9	51.9	52.0	52.0	52.0
25	57.8	57.8	57.8	57.8	57.9	57.9	57.9	58.0	57.9	58.0
31.5	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2
40	67.5	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.8
50	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.7
63	74.7	74.8	74.8	74.8	74.9	74.9	74.9	75.0	75.0	75.0
80	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.8	77.8	77.9
100	79.6	79.6	79.7	79.7	79.7	79.8	79.8	79.9	79.9	79.9
125	80.6	80.6	80.7	80.7	80.8	80.8	80.8	80.9	80.9	81.0
160	81.2	81.3	81.3	81.4	81.4	81.5	81.5	81.6	81.6	81.7
200	82.0	82.0	82.1	82.1	82.2	82.2	82.3	82.4	82.4	82.5
250	83.0	83.1	83.2	83.2	83.3	83.4	83.5	83.5	83.6	83.7
315	84.0	84.1	84.2	84.3	84.4	84.4	84.5	84.6	84.7	84.7
400	85.0	85.1	85.2	85.2	85.3	85.4	85.5	85.5	85.6	85.6
500	85.8	85.9	85.9	86.0	86.1	86.1	86.2	86.2	86.3	86.3
630	86.5	86.6	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8
800	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.3	87.3	87.2
1000	88.0	88.1	88.0	88.0	88.0	87.9	87.9	87.9	87.8	87.8
1250	88.6	88.6	88.5	88.5	88.5	88.4	88.4	88.4	88.3	88.3
1600	88.8	88.7	88.7	88.6	88.6	88.6	88.5	88.5	88.5	88.5
2000	87.9	87.9	87.8	87.8	87.7	87.7	87.7	87.7	87.6	87.6
2500	86.3	86.2	86.2	86.1	86.1	86.0	86.0	86.0	85.9	85.9
3150	83.9	83.8	83.8	83.7	83.6	83.6	83.5	83.5	83.5	83.5
4000	80.2	80.1	80.1	80.0	80.0	79.9	79.9	79.9	79.8	79.8
5000	75.0	74.9	74.9	74.8	74.7	74.7	74.6	74.6	74.6	74.6
6300	67.3	67.2	67.2	67.1	67.0	67.0	66.9	66.9	66.9	66.9
8000	56.4	56.3	56.2	56.1	56.1	56.0	56.0	56.0	55.9	56.0
10000	43.3	43.2	43.1	43.0	43.0	42.9	42.9	42.9	42.8	42.9

13.2 One-third octave band level E-138 EP3 E2-ST-81-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 184: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	47.9	50.5	51.5	<i>51.4</i>	51.3	51.3	51.3	51.3	51.3	51.4
25	53.6	56.4	57.5	<i>57.4</i>	57.3	57.3	57.2	57.3	57.3	57.4
31.5	58.7	61.6	62.7	<i>62.6</i>	62.5	62.5	62.5	62.5	62.5	62.6
40	63.0	66.0	67.2	<i>67.2</i>	67.0	67.0	67.0	67.1	67.1	67.1
50	66.8	69.9	71.1	<i>71.0</i>	70.9	70.9	70.9	70.9	71.0	71.0
63	70.0	73.2	74.5	<i>74.4</i>	74.2	74.2	74.2	74.3	74.3	74.4
80	72.8	76.1	77.3	<i>77.2</i>	77.1	77.1	77.0	77.1	77.1	77.2
100	74.9	78.2	79.4	<i>79.3</i>	79.1	79.1	79.1	79.1	79.2	79.2
125	76.0	79.3	80.4	<i>80.2</i>	80.1	80.1	80.1	80.1	80.1	80.2
160	76.8	80.1	81.1	<i>80.8</i>	80.7	80.7	80.7	80.7	80.8	80.9
200	77.6	81.0	81.9	<i>81.6</i>	81.4	81.4	81.5	81.5	81.6	81.6
250	78.8	82.1	83.0	<i>82.7</i>	82.5	82.5	82.5	82.6	82.7	82.7
315	79.6	83.1	83.9	<i>83.6</i>	83.5	83.5	83.5	83.6	83.7	83.7
400	80.2	83.8	84.8	<i>84.5</i>	84.4	84.4	84.5	84.5	84.6	84.7
500	80.4	84.1	85.4	<i>85.2</i>	85.1	85.2	85.3	85.4	85.5	85.6
630	80.5	84.2	85.7	<i>85.7</i>	85.8	85.9	86.0	86.1	86.2	86.3
800	80.7	84.5	86.1	<i>86.2</i>	86.4	86.6	86.8	86.9	87.0	87.1
1000	81.2	85.0	86.7	<i>87.0</i>	87.3	87.5	87.6	87.8	87.9	87.9
1250	81.8	85.6	87.5	<i>88.0</i>	88.3	88.5	88.5	88.6	88.6	88.5
1600	82.3	86.1	88.3	<i>88.9</i>	89.1	89.2	89.1	89.0	88.9	88.9
2000	81.8	85.7	88.1	<i>88.8</i>	88.8	88.6	88.4	88.3	88.2	88.2
2500	80.8	84.7	87.3	<i>87.7</i>	87.5	87.2	87.0	86.9	86.8	86.7
3150	79.2	83.2	85.9	<i>85.9</i>	85.5	85.2	85.0	84.9	84.8	84.7
4000	76.7	80.8	83.4	<i>83.1</i>	82.5	82.3	82.0	81.9	81.8	81.7
5000	72.9	77.2	79.5	<i>78.9</i>	78.3	78.0	77.8	77.6	77.5	77.4
6300	67.1	71.4	73.6	<i>72.8</i>	72.2	71.9	71.6	71.4	71.2	71.1
8000	58.9	63.2	65.3	<i>64.5</i>	63.7	63.4	63.1	62.9	62.7	62.5
10000	49.5	53.8	55.9	<i>54.9</i>	54.1	53.7	53.3	53.1	52.9	52.7

Tab. 185: One-third octave band level for E-138 EP3 E2-ST-81-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	51.4	51.4	51.5	51.5	51.6	51.6	51.6	51.7	51.7
25	57.4	57.4	57.5	57.5	57.5	57.6	57.6	57.6	57.7
31.5	62.6	62.7	62.7	62.7	62.8	62.8	62.9	62.9	62.9
40	67.2	67.2	67.2	67.3	67.3	67.4	67.4	67.4	67.5
50	71.0	71.1	71.1	71.2	71.2	71.3	71.3	71.4	71.4
63	74.4	74.4	74.5	74.5	74.6	74.6	74.7	74.7	74.8
80	77.2	77.2	77.3	77.3	77.4	77.4	77.5	77.5	77.6
100	79.3	79.3	79.4	79.4	79.5	79.5	79.6	79.6	79.7
125	80.3	80.3	80.4	80.4	80.5	80.6	80.6	80.7	80.8
160	80.9	81.0	81.1	81.1	81.2	81.3	81.4	81.4	81.5
200	81.7	81.8	81.9	81.9	82.0	82.1	82.2	82.3	82.4
250	82.8	82.9	83.0	83.1	83.2	83.3	83.4	83.5	83.7
315	83.9	84.0	84.1	84.2	84.3	84.4	84.5	84.6	84.7
400	84.8	84.9	85.1	85.1	85.2	85.4	85.4	85.5	85.6
500	85.7	85.7	85.9	85.9	86.0	86.1	86.1	86.1	86.2
630	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.5
800	87.2	87.2	87.3	87.2	87.2	87.1	87.1	87.0	86.9
1000	87.9	87.9	87.9	87.8	87.8	87.7	87.6	87.6	87.5
1250	88.5	88.4	88.4	88.3	88.3	88.3	88.2	88.2	88.1
1600	88.8	88.7	88.7	88.6	88.6	88.6	88.5	88.5	88.5
2000	88.1	88.0	88.0	87.9	87.9	87.8	87.8	87.8	87.8
2500	86.6	86.6	86.5	86.4	86.4	86.4	86.3	86.3	86.3
3150	84.6	84.5	84.4	84.4	84.3	84.3	84.3	84.2	84.2
4000	81.5	81.5	81.4	81.3	81.3	81.2	81.2	81.2	81.2
5000	77.2	77.1	77.1	77.0	76.9	76.9	76.9	76.9	76.9
6300	71.0	70.9	70.8	70.7	70.7	70.7	70.7	70.6	70.7
8000	62.4	62.3	62.2	62.1	62.1	62.1	62.1	62.1	62.1
10000	52.6	52.5	52.4	52.3	52.3	52.3	52.3	52.3	52.4

13.3 One-third octave band level E-138 EP3 E2-ST-96-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 186: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.4	51.0	51.6	<i>51.5</i>	51.4	51.4	51.4	51.4	51.5	51.5
25	54.2	56.9	57.6	<i>57.5</i>	57.4	57.4	57.4	57.4	57.4	57.5
31.5	59.2	62.1	62.8	<i>62.7</i>	62.6	62.6	62.6	62.7	62.7	62.7
40	63.6	66.6	67.4	<i>67.2</i>	67.2	67.1	67.1	67.2	67.2	67.3
50	67.3	70.5	71.3	<i>71.1</i>	71.1	71.0	71.0	71.1	71.1	71.2
63	70.6	73.8	74.6	<i>74.4</i>	74.4	74.4	74.4	74.4	74.4	74.5
80	73.4	76.7	77.4	<i>77.3</i>	77.2	77.2	77.2	77.2	77.2	77.3
100	75.5	78.8	79.5	<i>79.3</i>	79.2	79.2	79.2	79.3	79.3	79.4
125	76.6	79.9	80.5	<i>80.3</i>	80.2	80.2	80.2	80.2	80.3	80.3
160	77.4	80.7	81.2	<i>80.9</i>	80.8	80.8	80.8	80.9	80.9	81.0
200	78.3	81.5	81.9	<i>81.7</i>	81.5	81.6	81.6	81.6	81.7	81.8
250	79.4	82.7	83.0	<i>82.7</i>	82.6	82.6	82.6	82.7	82.8	82.9
315	80.3	83.6	84.0	<i>83.7</i>	83.6	83.6	83.6	83.7	83.8	83.9
400	80.8	84.3	84.8	<i>84.6</i>	84.5	84.5	84.6	84.6	84.8	84.8
500	81.1	84.7	85.4	<i>85.3</i>	85.2	85.3	85.4	85.5	85.6	85.7
630	81.1	84.8	85.8	<i>85.8</i>	85.9	86.0	86.1	86.2	86.4	86.4
800	81.3	85.0	86.2	<i>86.3</i>	86.5	86.7	86.8	87.0	87.1	87.2
1000	81.8	85.6	86.9	<i>87.1</i>	87.4	87.6	87.7	87.8	87.9	88.0
1250	82.4	86.2	87.7	<i>88.1</i>	88.4	88.5	88.6	88.6	88.6	88.5
1600	82.8	86.7	88.4	<i>89.0</i>	89.1	89.1	89.1	89.0	88.9	88.8
2000	82.4	86.3	88.2	<i>88.7</i>	88.7	88.5	88.4	88.3	88.1	88.1
2500	81.2	85.2	87.3	<i>87.6</i>	87.3	87.1	86.9	86.8	86.6	86.6
3150	79.6	83.6	85.7	<i>85.6</i>	85.2	84.9	84.8	84.6	84.5	84.4
4000	76.9	81.0	83.0	<i>82.5</i>	82.1	81.8	81.6	81.4	81.3	81.2
5000	72.9	77.1	78.7	<i>78.0</i>	77.6	77.3	77.0	76.9	76.7	76.6
6300	66.6	71.0	72.3	<i>71.5</i>	71.0	70.7	70.4	70.3	70.1	70.0
8000	57.7	62.1	63.3	<i>62.4</i>	61.9	61.5	61.2	61.0	60.8	60.7
10000	47.3	51.7	52.9	<i>51.8</i>	51.2	50.8	50.5	50.2	50.0	49.9

Tab. 187: One-third octave band level for E-138 EP3 E2-ST-96-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	51.6	51.6	51.6	51.7	51.7	51.7	51.8	51.8	51.9
25	57.5	57.5	57.6	57.6	57.7	57.7	57.8	57.8	57.9
31.5	62.8	62.8	62.8	62.9	62.9	63.0	63.0	63.1	63.1
40	67.3	67.3	67.4	67.4	67.5	67.5	67.6	67.6	67.7
50	71.2	71.2	71.3	71.3	71.4	71.4	71.5	71.5	71.6
63	74.5	74.6	74.6	74.7	74.7	74.8	74.8	74.9	74.9
80	77.4	77.4	77.4	77.5	77.6	77.6	77.6	77.7	77.8
100	79.4	79.4	79.5	79.5	79.6	79.7	79.7	79.8	79.8
125	80.4	80.4	80.5	80.6	80.7	80.7	80.8	80.9	80.9
160	81.1	81.1	81.2	81.3	81.4	81.4	81.5	81.6	81.7
200	81.8	81.9	82.0	82.1	82.2	82.3	82.4	82.5	82.6
250	82.9	83.0	83.2	83.3	83.4	83.5	83.6	83.7	83.8
315	84.0	84.1	84.2	84.3	84.4	84.6	84.6	84.8	84.9
400	84.9	85.1	85.2	85.3	85.4	85.5	85.5	85.7	85.7
500	85.8	85.9	86.0	86.1	86.1	86.2	86.2	86.3	86.2
630	86.5	86.6	86.7	86.7	86.7	86.7	86.6	86.6	86.5
800	87.3	87.3	87.3	87.3	87.2	87.2	87.1	87.0	86.9
1000	88.0	87.9	87.9	87.8	87.8	87.7	87.6	87.6	87.5
1250	88.5	88.4	88.4	88.4	88.3	88.3	88.2	88.2	88.1
1600	88.8	88.7	88.6	88.6	88.6	88.5	88.5	88.5	88.5
2000	88.0	87.9	87.9	87.8	87.8	87.8	87.7	87.7	87.7
2500	86.5	86.4	86.4	86.3	86.3	86.2	86.2	86.2	86.2
3150	84.3	84.2	84.2	84.1	84.1	84.0	84.0	84.0	84.0
4000	81.1	81.0	80.9	80.9	80.9	80.8	80.8	80.8	80.8
5000	76.5	76.4	76.3	76.3	76.3	76.2	76.2	76.2	76.2
6300	69.8	69.7	69.7	69.6	69.6	69.5	69.5	69.6	69.6
8000	60.5	60.4	60.4	60.3	60.3	60.3	60.3	60.3	60.4
10000	49.7	49.6	49.6	49.5	49.5	49.5	49.5	49.6	49.7

13.4 One-third octave band level E-138 EP3 E2-ST-111-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 188: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	48.9	51.2	51.8	<i>51.6</i>	51.6	51.6	51.6	51.6	51.6	51.7
25	54.7	57.2	57.7	<i>57.6</i>	57.5	57.5	57.5	57.6	57.6	57.6
31.5	59.8	62.4	63.0	<i>62.8</i>	62.8	62.8	62.8	62.8	62.8	62.9
40	64.1	66.9	67.5	<i>67.4</i>	67.3	67.3	67.3	67.3	67.4	67.4
50	67.9	70.8	71.4	<i>71.2</i>	71.2	71.2	71.2	71.2	71.3	71.3
63	71.2	74.1	74.7	<i>74.6</i>	74.5	74.5	74.5	74.5	74.6	74.6
80	74.0	77.0	77.6	<i>77.4</i>	77.3	77.3	77.3	77.4	77.4	77.4
100	76.0	79.1	79.6	<i>79.4</i>	79.4	79.4	79.4	79.4	79.4	79.5
125	77.1	80.1	80.6	<i>80.4</i>	80.3	80.3	80.3	80.4	80.4	80.5
160	77.9	80.9	81.3	<i>81.0</i>	80.9	80.9	81.0	81.0	81.1	81.1
200	78.8	81.8	82.0	<i>81.8</i>	81.7	81.7	81.7	81.7	81.8	81.9
250	79.9	82.9	83.1	<i>82.8</i>	82.7	82.7	82.8	82.8	82.9	83.0
315	80.8	83.8	84.0	<i>83.8</i>	83.7	83.7	83.7	83.8	83.9	84.0
400	81.4	84.6	84.9	<i>84.7</i>	84.6	84.6	84.7	84.8	84.9	84.9
500	81.6	84.9	85.5	<i>85.4</i>	85.3	85.4	85.5	85.6	85.7	85.8
630	81.7	85.1	85.9	<i>85.9</i>	86.0	86.1	86.2	86.3	86.4	86.5
800	81.9	85.3	86.3	<i>86.4</i>	86.6	86.8	87.0	87.1	87.2	87.3
1000	82.4	85.8	87.0	<i>87.2</i>	87.5	87.7	87.8	87.9	88.0	88.0
1250	82.9	86.5	87.8	<i>88.2</i>	88.4	88.6	88.6	88.6	88.6	88.6
1600	83.4	87.0	88.6	<i>89.1</i>	89.1	89.1	89.1	89.0	88.9	88.8
2000	82.8	86.6	88.3	<i>88.7</i>	88.6	88.5	88.3	88.2	88.1	88.0
2500	81.6	85.4	87.3	<i>87.4</i>	87.1	86.9	86.8	86.6	86.5	86.4
3150	79.9	83.7	85.6	<i>85.3</i>	84.9	84.7	84.5	84.4	84.3	84.2
4000	77.1	81.0	82.6	<i>82.0</i>	81.6	81.3	81.1	81.0	80.9	80.8
5000	72.8	76.8	78.0	<i>77.2</i>	76.8	76.5	76.3	76.2	76.0	75.9
6300	66.1	70.2	71.1	<i>70.3</i>	69.8	69.5	69.3	69.1	68.9	68.8
8000	56.5	60.6	61.4	<i>60.5</i>	60.0	59.6	59.3	59.1	58.9	58.8
10000	45.1	49.2	50.0	<i>48.9</i>	48.3	47.9	47.6	47.3	47.2	47.0

Tab. 189: One-third octave band level for E-138 EP3 E2-ST-111-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	51.7	51.7	51.8	51.8	51.8	51.9	51.9	52.0	52.0
25	57.7	57.7	57.7	57.8	57.8	57.9	57.9	57.9	58.0
31.5	62.9	62.9	63.0	63.0	63.1	63.1	63.1	63.2	63.2
40	67.4	67.5	67.5	67.6	67.6	67.7	67.7	67.7	67.8
50	71.3	71.4	71.4	71.5	71.5	71.6	71.6	71.7	71.7
63	74.7	74.7	74.7	74.8	74.8	74.9	74.9	75.0	75.0
80	77.5	77.5	77.6	77.6	77.7	77.7	77.8	77.8	77.9
100	79.5	79.6	79.6	79.7	79.7	79.8	79.9	79.9	79.9
125	80.5	80.6	80.6	80.7	80.8	80.9	80.9	81.0	81.0
160	81.2	81.2	81.3	81.4	81.5	81.6	81.7	81.7	81.8
200	82.0	82.0	82.1	82.2	82.3	82.4	82.5	82.6	82.7
250	83.1	83.2	83.3	83.4	83.5	83.6	83.7	83.9	83.9
315	84.1	84.2	84.3	84.4	84.6	84.7	84.8	84.9	85.0
400	85.1	85.1	85.3	85.4	85.5	85.6	85.7	85.8	85.8
500	85.9	85.9	86.1	86.1	86.2	86.3	86.3	86.3	86.3
630	86.6	86.6	86.7	86.7	86.8	86.7	86.7	86.6	86.6
800	87.3	87.3	87.3	87.3	87.3	87.2	87.1	87.0	86.9
1000	88.0	87.9	87.9	87.8	87.8	87.7	87.7	87.6	87.5
1250	88.5	88.4	88.4	88.3	88.3	88.3	88.2	88.2	88.1
1600	88.7	88.6	88.6	88.6	88.5	88.5	88.5	88.5	88.4
2000	87.9	87.8	87.8	87.7	87.7	87.7	87.7	87.7	87.6
2500	86.3	86.2	86.2	86.1	86.1	86.1	86.1	86.1	86.1
3150	84.1	84.0	83.9	83.9	83.8	83.8	83.8	83.8	83.8
4000	80.7	80.5	80.5	80.4	80.4	80.4	80.3	80.4	80.3
5000	75.8	75.7	75.6	75.6	75.5	75.5	75.5	75.5	75.5
6300	68.7	68.6	68.5	68.4	68.4	68.4	68.4	68.4	68.5
8000	58.7	58.6	58.5	58.4	58.4	58.4	58.4	58.5	58.5
10000	46.9	46.8	46.7	46.7	46.7	46.7	46.7	46.8	46.9

13.5 One-third octave band level E-138 EP3 E2-ST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 190: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.4	51.6	<i>51.9</i>	51.8	51.7	51.7	51.7	51.7	51.8	51.8
25	55.3	57.5	<i>57.9</i>	57.7	57.7	57.7	57.7	57.7	57.8	57.8
31.5	60.3	62.7	<i>63.1</i>	63.0	62.9	62.9	62.9	63.0	63.0	63.0
40	64.7	67.2	<i>67.7</i>	67.5	67.5	67.4	67.5	67.5	67.5	67.6
50	68.5	71.1	<i>71.6</i>	71.4	71.4	71.3	71.4	71.4	71.4	71.5
63	71.8	74.5	<i>74.9</i>	74.7	74.7	74.7	74.7	74.7	74.7	74.8
80	74.6	77.3	<i>77.7</i>	77.5	77.5	77.5	77.5	77.5	77.6	77.6
100	76.7	79.4	<i>79.8</i>	79.6	79.5	79.5	79.5	79.6	79.6	79.7
125	77.8	80.5	<i>80.7</i>	80.5	80.5	80.5	80.5	80.5	80.6	80.6
160	78.6	81.2	<i>81.4</i>	81.1	81.1	81.1	81.1	81.2	81.2	81.3
200	79.4	82.0	<i>82.1</i>	81.9	81.8	81.8	81.8	81.9	82.0	82.1
250	80.5	83.1	<i>83.2</i>	82.9	82.8	82.9	82.9	83.0	83.0	83.2
315	81.4	84.1	<i>84.1</i>	83.9	83.8	83.8	83.9	84.0	84.0	84.2
400	82.0	84.8	<i>85.0</i>	84.7	84.7	84.7	84.8	84.9	85.0	85.1
500	82.2	85.2	<i>85.6</i>	85.4	85.4	85.5	85.6	85.7	85.8	85.9
630	82.3	85.4	<i>86.0</i>	86.0	86.1	86.2	86.3	86.4	86.5	86.6
800	82.5	85.7	<i>86.4</i>	86.5	86.7	86.9	87.0	87.2	87.3	87.4
1000	83.0	86.2	<i>87.1</i>	87.3	87.6	87.7	87.9	88.0	88.0	88.1
1250	83.5	86.8	<i>88.0</i>	88.3	88.5	88.6	88.7	88.6	88.6	88.6
1600	83.9	87.3	<i>88.7</i>	89.1	89.2	89.1	89.0	88.9	88.8	88.7
2000	83.3	86.8	<i>88.4</i>	88.6	88.5	88.3	88.2	88.1	88.0	87.9
2500	82.1	85.7	<i>87.3</i>	87.2	86.9	86.7	86.5	86.4	86.3	86.2
3150	80.2	83.9	<i>85.3</i>	84.9	84.6	84.3	84.1	84.0	83.9	83.8
4000	77.1	80.9	<i>82.0</i>	81.3	81.0	80.7	80.5	80.4	80.3	80.1
5000	72.5	76.2	<i>77.0</i>	76.2	75.8	75.6	75.4	75.2	75.0	74.9
6300	65.2	69.0	<i>69.5</i>	68.7	68.3	67.9	67.7	67.5	67.4	67.2
8000	54.7	58.4	<i>58.9</i>	57.9	57.4	57.1	56.8	56.6	56.4	56.3
10000	41.9	45.7	<i>46.0</i>	44.9	44.4	44.0	43.7	43.5	43.3	43.1

Tab. 191: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	51.8	51.9	51.9	52.0	52.0	52.1	52.1	52.1	52.2
25	57.8	57.8	57.9	58.0	58.0	58.1	58.1	58.1	58.2
31.5	63.1	63.1	63.1	63.2	63.2	63.3	63.3	63.4	63.4
40	67.6	67.6	67.7	67.7	67.8	67.8	67.9	67.9	68.0
50	71.5	71.5	71.6	71.6	71.7	71.7	71.8	71.8	71.9
63	74.8	74.8	74.9	75.0	75.0	75.1	75.1	75.2	75.2
80	77.6	77.7	77.7	77.8	77.8	77.9	77.9	78.0	78.1
100	79.7	79.7	79.8	79.9	79.9	80.0	80.0	80.1	80.2
125	80.7	80.7	80.8	80.9	80.9	81.0	81.1	81.2	81.2
160	81.4	81.4	81.5	81.6	81.7	81.7	81.8	81.9	82.0
200	82.1	82.2	82.3	82.4	82.5	82.6	82.7	82.8	82.9
250	83.2	83.3	83.5	83.6	83.7	83.8	83.9	84.0	84.2
315	84.3	84.4	84.5	84.6	84.7	84.8	85.0	85.1	85.2
400	85.2	85.3	85.4	85.5	85.6	85.7	85.8	85.9	86.0
500	86.0	86.1	86.2	86.2	86.3	86.4	86.4	86.4	86.4
630	86.7	86.8	86.8	86.8	86.8	86.8	86.7	86.7	86.6
800	87.4	87.4	87.4	87.3	87.3	87.2	87.1	87.0	87.0
1000	88.0	88.0	87.9	87.9	87.8	87.7	87.7	87.6	87.5
1250	88.5	88.4	88.4	88.4	88.3	88.3	88.2	88.2	88.1
1600	88.7	88.6	88.6	88.5	88.5	88.5	88.4	88.4	88.4
2000	87.8	87.7	87.7	87.7	87.6	87.6	87.6	87.6	87.5
2500	86.1	86.0	86.0	86.0	85.9	85.9	85.9	85.9	85.9
3150	83.7	83.6	83.5	83.5	83.5	83.5	83.4	83.4	83.5
4000	80.0	79.9	79.9	79.8	79.8	79.8	79.8	79.8	79.8
5000	74.8	74.7	74.6	74.6	74.6	74.6	74.5	74.6	74.6
6300	67.1	67.0	66.9	66.9	66.9	66.9	66.9	66.9	67.0
8000	56.2	56.1	56.0	56.0	55.9	56.0	56.0	56.1	56.2
10000	43.0	42.9	42.9	42.9	42.8	42.9	42.9	43.0	43.2

13.6 One-third octave band level E-138 EP3 E2-ST-131-FB-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 192: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.4	51.6	<i>51.9</i>	51.8	51.7	51.7	51.7	51.7	51.8	51.8
25	55.3	57.5	<i>57.9</i>	57.7	57.7	57.7	57.7	57.7	57.8	57.8
31.5	60.3	62.7	<i>63.1</i>	63.0	62.9	62.9	62.9	63.0	63.0	63.0
40	64.7	67.2	<i>67.7</i>	67.5	67.5	67.4	67.5	67.5	67.5	67.6
50	68.5	71.1	<i>71.6</i>	71.4	71.4	71.3	71.4	71.4	71.4	71.5
63	71.8	74.5	<i>74.9</i>	74.7	74.7	74.7	74.7	74.7	74.7	74.8
80	74.6	77.3	<i>77.7</i>	77.5	77.5	77.5	77.5	77.5	77.6	77.6
100	76.7	79.4	<i>79.8</i>	79.6	79.5	79.5	79.5	79.6	79.6	79.7
125	77.8	80.5	<i>80.7</i>	80.5	80.5	80.5	80.5	80.5	80.6	80.6
160	78.6	81.2	<i>81.4</i>	81.1	81.1	81.1	81.1	81.2	81.2	81.3
200	79.4	82.0	<i>82.1</i>	81.9	81.8	81.8	81.8	81.9	82.0	82.1
250	80.5	83.1	<i>83.2</i>	82.9	82.8	82.9	82.9	83.0	83.0	83.2
315	81.4	84.1	<i>84.1</i>	83.9	83.8	83.8	83.9	84.0	84.0	84.2
400	82.0	84.8	<i>85.0</i>	84.7	84.7	84.7	84.8	84.9	85.0	85.1
500	82.2	85.2	<i>85.6</i>	85.4	85.4	85.5	85.6	85.7	85.8	85.9
630	82.3	85.4	<i>86.0</i>	86.0	86.1	86.2	86.3	86.4	86.5	86.6
800	82.5	85.7	<i>86.4</i>	86.5	86.7	86.9	87.0	87.2	87.3	87.4
1000	83.0	86.2	<i>87.1</i>	87.3	87.6	87.7	87.9	88.0	88.0	88.1
1250	83.5	86.8	<i>88.0</i>	88.3	88.5	88.6	88.7	88.6	88.6	88.6
1600	83.9	87.3	<i>88.7</i>	89.1	89.2	89.1	89.0	88.9	88.8	88.7
2000	83.3	86.8	<i>88.4</i>	88.6	88.5	88.3	88.2	88.1	88.0	87.9
2500	82.1	85.7	<i>87.3</i>	87.2	86.9	86.7	86.5	86.4	86.3	86.2
3150	80.2	83.9	<i>85.3</i>	84.9	84.6	84.3	84.1	84.0	83.9	83.8
4000	77.1	80.9	<i>82.0</i>	81.3	81.0	80.7	80.5	80.4	80.3	80.1
5000	72.5	76.2	<i>77.0</i>	76.2	75.8	75.6	75.4	75.2	75.0	74.9
6300	65.2	69.0	<i>69.5</i>	68.7	68.3	67.9	67.7	67.5	67.4	67.2
8000	54.7	58.4	<i>58.9</i>	57.9	57.4	57.1	56.8	56.6	56.4	56.3
10000	41.9	45.7	<i>46.0</i>	44.9	44.4	44.0	43.7	43.5	43.3	43.1

Tab. 193: One-third octave band level for E-138 EP3 E2-ST-131-FB-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	51.8	51.9	51.9	52.0	52.0	52.1	52.1	52.1	52.2
25	57.8	57.8	57.9	58.0	58.0	58.1	58.1	58.1	58.2
31.5	63.1	63.1	63.1	63.2	63.2	63.3	63.3	63.4	63.4
40	67.6	67.6	67.7	67.7	67.8	67.8	67.9	67.9	68.0
50	71.5	71.5	71.6	71.6	71.7	71.7	71.8	71.8	71.9
63	74.8	74.8	74.9	75.0	75.0	75.1	75.1	75.2	75.2
80	77.6	77.7	77.7	77.8	77.8	77.9	77.9	78.0	78.1
100	79.7	79.7	79.8	79.9	79.9	80.0	80.0	80.1	80.2
125	80.7	80.7	80.8	80.9	80.9	81.0	81.1	81.2	81.2
160	81.4	81.4	81.5	81.6	81.7	81.7	81.8	81.9	82.0
200	82.1	82.2	82.3	82.4	82.5	82.6	82.7	82.8	82.9
250	83.2	83.3	83.5	83.6	83.7	83.8	83.9	84.0	84.2
315	84.3	84.4	84.5	84.6	84.7	84.8	85.0	85.1	85.2
400	85.2	85.3	85.4	85.5	85.6	85.7	85.8	85.9	86.0
500	86.0	86.1	86.2	86.2	86.3	86.4	86.4	86.4	86.4
630	86.7	86.8	86.8	86.8	86.8	86.8	86.7	86.7	86.6
800	87.4	87.4	87.4	87.3	87.3	87.2	87.1	87.0	87.0
1000	88.0	88.0	87.9	87.9	87.8	87.7	87.7	87.6	87.5
1250	88.5	88.4	88.4	88.4	88.3	88.3	88.2	88.2	88.1
1600	88.7	88.6	88.6	88.5	88.5	88.5	88.4	88.4	88.4
2000	87.8	87.7	87.7	87.7	87.6	87.6	87.6	87.6	87.5
2500	86.1	86.0	86.0	86.0	85.9	85.9	85.9	85.9	85.9
3150	83.7	83.6	83.5	83.5	83.5	83.5	83.4	83.4	83.5
4000	80.0	79.9	79.9	79.8	79.8	79.8	79.8	79.8	79.8
5000	74.8	74.7	74.6	74.6	74.6	74.6	74.5	74.6	74.6
6300	67.1	67.0	66.9	66.9	66.9	66.9	66.9	66.9	67.0
8000	56.2	56.1	56.0	56.0	55.9	56.0	56.0	56.1	56.2
10000	43.0	42.9	42.9	42.9	42.8	42.9	42.9	43.0	43.2

13.7 One-third octave band level E-138 EP3 E2-HST-131-FB-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 194: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.4	51.6	<i>51.9</i>	51.8	51.7	51.7	51.7	51.7	51.8	51.8
25	55.3	57.5	<i>57.9</i>	57.7	57.7	57.7	57.7	57.7	57.8	57.8
31.5	60.3	62.7	<i>63.1</i>	63.0	62.9	62.9	62.9	63.0	63.0	63.0
40	64.7	67.2	<i>67.7</i>	67.5	67.5	67.4	67.5	67.5	67.5	67.6
50	68.5	71.1	<i>71.6</i>	71.4	71.4	71.3	71.4	71.4	71.4	71.5
63	71.8	74.5	<i>74.9</i>	74.7	74.7	74.7	74.7	74.7	74.7	74.8
80	74.6	77.3	<i>77.7</i>	77.5	77.5	77.5	77.5	77.5	77.6	77.6
100	76.7	79.4	<i>79.8</i>	79.6	79.5	79.5	79.5	79.6	79.6	79.7
125	77.8	80.5	<i>80.7</i>	80.5	80.5	80.5	80.5	80.5	80.6	80.6
160	78.6	81.2	<i>81.4</i>	81.1	81.1	81.1	81.1	81.2	81.2	81.3
200	79.4	82.0	<i>82.1</i>	81.9	81.8	81.8	81.8	81.9	82.0	82.1
250	80.5	83.1	<i>83.2</i>	82.9	82.8	82.9	82.9	83.0	83.0	83.2
315	81.4	84.1	<i>84.1</i>	83.9	83.8	83.8	83.9	84.0	84.0	84.2
400	82.0	84.8	<i>85.0</i>	84.7	84.7	84.7	84.8	84.9	85.0	85.1
500	82.2	85.2	<i>85.6</i>	85.4	85.4	85.5	85.6	85.7	85.8	85.9
630	82.3	85.4	<i>86.0</i>	86.0	86.1	86.2	86.3	86.4	86.5	86.6
800	82.5	85.7	<i>86.4</i>	86.5	86.7	86.9	87.0	87.2	87.3	87.4
1000	83.0	86.2	<i>87.1</i>	87.3	87.6	87.7	87.9	88.0	88.0	88.1
1250	83.5	86.8	<i>88.0</i>	88.3	88.5	88.6	88.7	88.6	88.6	88.6
1600	83.9	87.3	<i>88.7</i>	89.1	89.2	89.1	89.0	88.9	88.8	88.7
2000	83.3	86.8	<i>88.4</i>	88.6	88.5	88.3	88.2	88.1	88.0	87.9
2500	82.1	85.7	<i>87.3</i>	87.2	86.9	86.7	86.5	86.4	86.3	86.2
3150	80.2	83.9	<i>85.3</i>	84.9	84.6	84.3	84.1	84.0	83.9	83.8
4000	77.1	80.9	<i>82.0</i>	81.3	81.0	80.7	80.5	80.4	80.3	80.1
5000	72.5	76.2	<i>77.0</i>	76.2	75.8	75.6	75.4	75.2	75.0	74.9
6300	65.2	69.0	<i>69.5</i>	68.7	68.3	67.9	67.7	67.5	67.4	67.2
8000	54.7	58.4	<i>58.9</i>	57.9	57.4	57.1	56.8	56.6	56.4	56.3
10000	41.9	45.7	<i>46.0</i>	44.9	44.4	44.0	43.7	43.5	43.3	43.1

Tab. 195: One-third octave band level for E-138 EP3 E2-HST-131-FB-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	51.8	51.9	51.9	52.0	52.0	52.1	52.1	52.1	52.2
25	57.8	57.8	57.9	58.0	58.0	58.1	58.1	58.1	58.2
31.5	63.1	63.1	63.1	63.2	63.2	63.3	63.3	63.4	63.4
40	67.6	67.6	67.7	67.7	67.8	67.8	67.9	67.9	68.0
50	71.5	71.5	71.6	71.6	71.7	71.7	71.8	71.8	71.9
63	74.8	74.8	74.9	75.0	75.0	75.1	75.1	75.2	75.2
80	77.6	77.7	77.7	77.8	77.8	77.9	77.9	78.0	78.1
100	79.7	79.7	79.8	79.9	79.9	80.0	80.0	80.1	80.2
125	80.7	80.7	80.8	80.9	80.9	81.0	81.1	81.2	81.2
160	81.4	81.4	81.5	81.6	81.7	81.7	81.8	81.9	82.0
200	82.1	82.2	82.3	82.4	82.5	82.6	82.7	82.8	82.9
250	83.2	83.3	83.5	83.6	83.7	83.8	83.9	84.0	84.2
315	84.3	84.4	84.5	84.6	84.7	84.8	85.0	85.1	85.2
400	85.2	85.3	85.4	85.5	85.6	85.7	85.8	85.9	86.0
500	86.0	86.1	86.2	86.2	86.3	86.4	86.4	86.4	86.4
630	86.7	86.8	86.8	86.8	86.8	86.8	86.7	86.7	86.6
800	87.4	87.4	87.4	87.3	87.3	87.2	87.1	87.0	87.0
1000	88.0	88.0	87.9	87.9	87.8	87.7	87.7	87.6	87.5
1250	88.5	88.4	88.4	88.4	88.3	88.3	88.2	88.2	88.1
1600	88.7	88.6	88.6	88.5	88.5	88.5	88.4	88.4	88.4
2000	87.8	87.7	87.7	87.7	87.6	87.6	87.6	87.6	87.5
2500	86.1	86.0	86.0	86.0	85.9	85.9	85.9	85.9	85.9
3150	83.7	83.6	83.5	83.5	83.5	83.5	83.4	83.4	83.5
4000	80.0	79.9	79.9	79.8	79.8	79.8	79.8	79.8	79.8
5000	74.8	74.7	74.6	74.6	74.6	74.6	74.5	74.6	74.6
6300	67.1	67.0	66.9	66.9	66.9	66.9	66.9	66.9	67.0
8000	56.2	56.1	56.0	56.0	55.9	56.0	56.0	56.1	56.2
10000	43.0	42.9	42.9	42.9	42.8	42.9	42.9	43.0	43.2

13.8 One-third octave band level E-138 EP3 E2-HT-149-ES-C-02

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 196: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	49.9	51.8	<i>52.1</i>	51.9	51.9	51.9	51.9	51.9	51.9	52.0
25	55.7	57.8	<i>58.1</i>	57.9	57.9	57.8	57.9	57.9	57.9	58.0
31.5	60.8	63.0	<i>63.3</i>	63.1	63.1	63.1	63.1	63.1	63.2	63.2
40	65.2	67.5	<i>67.8</i>	67.7	67.6	67.6	67.6	67.6	67.7	67.7
50	69.0	71.4	<i>71.7</i>	71.5	71.5	71.5	71.5	71.5	71.6	71.6
63	72.3	74.7	<i>75.0</i>	74.9	74.8	74.8	74.8	74.8	74.9	74.9
80	75.1	77.6	<i>77.9</i>	77.7	77.7	77.6	77.7	77.7	77.7	77.8
100	77.2	79.7	<i>79.9</i>	79.7	79.7	79.7	79.7	79.7	79.8	79.8
125	78.3	80.7	<i>80.9</i>	80.7	80.6	80.6	80.6	80.7	80.7	80.8
160	79.1	81.4	<i>81.5</i>	81.3	81.2	81.2	81.3	81.3	81.4	81.4
200	79.9	82.2	<i>82.2</i>	82.0	81.9	82.0	82.0	82.0	82.1	82.2
250	81.0	83.3	<i>83.3</i>	83.0	83.0	83.0	83.0	83.1	83.2	83.3
315	81.9	84.3	<i>84.2</i>	84.0	83.9	83.9	84.0	84.1	84.2	84.3
400	82.5	85.0	<i>85.0</i>	84.8	84.8	84.9	84.9	85.0	85.1	85.2
500	82.7	85.5	<i>85.7</i>	85.5	85.5	85.6	85.7	85.8	85.9	86.0
630	82.8	85.7	<i>86.1</i>	86.1	86.2	86.3	86.4	86.5	86.6	86.7
800	83.0	85.9	<i>86.5</i>	86.6	86.8	87.0	87.1	87.3	87.4	87.4
1000	83.4	86.4	<i>87.2</i>	87.4	87.6	87.8	88.0	88.0	88.1	88.1
1250	84.0	87.1	<i>88.1</i>	88.4	88.6	88.7	88.7	88.7	88.6	88.6
1600	84.3	87.5	<i>88.8</i>	89.1	89.2	89.1	89.0	88.9	88.8	88.7
2000	83.7	87.0	<i>88.5</i>	88.6	88.5	88.2	88.1	87.9	87.9	87.8
2500	82.3	85.8	<i>87.2</i>	87.0	86.8	86.5	86.4	86.2	86.1	86.0
3150	80.3	83.9	<i>85.1</i>	84.5	84.2	84.0	83.8	83.7	83.6	83.5
4000	77.0	80.7	<i>81.4</i>	80.7	80.4	80.2	80.0	79.8	79.7	79.6
5000	72.1	75.7	<i>76.1</i>	75.3	75.0	74.7	74.5	74.3	74.2	74.0
6300	64.3	67.9	<i>68.1</i>	67.2	66.9	66.5	66.3	66.1	66.0	65.8
8000	52.9	56.4	<i>56.5</i>	55.6	55.2	54.8	54.6	54.3	54.2	54.0
10000	39.0	42.5	<i>42.5</i>	41.4	40.9	40.5	40.2	40.0	39.8	39.7

Tab. 197: One-third octave band level for E-138 EP3 E2-HT-149-ES-C-02 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	52.0	52.0	52.1	52.1	52.2	52.2	52.2	52.3	52.3
25	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.3	58.3
31.5	63.2	63.2	63.3	63.3	63.4	63.4	63.5	63.5	63.6
40	67.7	67.8	67.8	67.9	67.9	68.0	68.0	68.1	68.1
50	71.6	71.7	71.7	71.8	71.8	71.9	71.9	72.0	72.0
63	75.0	75.0	75.1	75.1	75.2	75.2	75.3	75.3	75.4
80	77.8	77.8	77.9	77.9	78.0	78.0	78.1	78.2	78.2
100	79.8	79.9	79.9	80.0	80.1	80.1	80.2	80.2	80.3
125	80.8	80.9	81.0	81.0	81.1	81.1	81.2	81.3	81.4
160	81.5	81.6	81.7	81.7	81.8	81.9	82.0	82.1	82.2
200	82.3	82.4	82.5	82.5	82.6	82.7	82.9	83.0	83.1
250	83.4	83.5	83.6	83.7	83.8	83.9	84.1	84.2	84.3
315	84.4	84.5	84.6	84.7	84.9	85.0	85.1	85.2	85.3
400	85.3	85.4	85.6	85.7	85.7	85.8	86.0	86.0	86.1
500	86.1	86.2	86.3	86.3	86.4	86.4	86.5	86.5	86.5
630	86.8	86.9	86.9	86.9	86.9	86.8	86.8	86.7	86.7
800	87.5	87.5	87.4	87.4	87.3	87.2	87.1	87.1	87.0
1000	88.1	88.0	87.9	87.9	87.8	87.7	87.7	87.6	87.5
1250	88.5	88.4	88.4	88.3	88.3	88.3	88.2	88.2	88.1
1600	88.6	88.6	88.5	88.5	88.5	88.4	88.4	88.4	88.3
2000	87.7	87.6	87.6	87.5	87.5	87.5	87.5	87.5	87.5
2500	85.9	85.9	85.8	85.8	85.7	85.7	85.7	85.7	85.7
3150	83.4	83.3	83.2	83.2	83.2	83.1	83.1	83.1	83.2
4000	79.5	79.4	79.3	79.3	79.3	79.2	79.2	79.3	79.3
5000	73.9	73.8	73.8	73.7	73.7	73.7	73.7	73.7	73.8
6300	65.7	65.6	65.5	65.5	65.5	65.5	65.5	65.5	65.6
8000	53.9	53.8	53.8	53.7	53.7	53.7	53.8	53.8	54.0
10000	39.5	39.5	39.4	39.4	39.4	39.4	39.5	39.6	39.7

13.9 One-third octave band level E-138 EP3 E2-HT-160-ES-C-01

In the following tables, the values at which the maximum sound power level is reached for the first time are displayed in italics.

Tab. 198: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s									
	3	3.5	4	4.5	5	5.5	6	6.5	7	7.5
20	50.1	52.0	<i>52.1</i>	52.0	52.0	51.9	52.0	52.0	52.0	52.1
25	55.9	57.9	<i>58.1</i>	58.0	57.9	57.9	57.9	57.9	58.0	58.0
31.5	61.0	63.2	<i>63.3</i>	63.2	63.2	63.1	63.2	63.2	63.2	63.3
40	65.5	67.7	<i>67.9</i>	67.8	67.7	67.7	67.7	67.7	67.8	67.8
50	69.3	71.6	<i>71.8</i>	71.6	71.6	71.6	71.6	71.6	71.7	71.7
63	72.6	74.9	<i>75.1</i>	75.0	74.9	74.9	74.9	74.9	75.0	75.0
80	75.4	77.7	<i>77.9</i>	77.8	77.7	77.7	77.7	77.7	77.8	77.8
100	77.4	79.8	<i>80.0</i>	79.8	79.8	79.7	79.8	79.8	79.8	79.9
125	78.5	80.8	<i>80.9</i>	80.7	80.7	80.7	80.7	80.8	80.8	80.9
160	79.3	81.6	<i>81.5</i>	81.3	81.3	81.3	81.4	81.4	81.5	81.5
200	80.1	82.4	<i>82.3</i>	82.0	82.0	82.1	82.1	82.1	82.2	82.3
250	81.2	83.5	<i>83.3</i>	83.1	83.1	83.1	83.1	83.2	83.3	83.3
315	82.1	84.4	<i>84.2</i>	84.0	84.0	84.0	84.1	84.2	84.3	84.3
400	82.7	85.1	<i>85.1</i>	84.9	84.9	84.9	85.0	85.1	85.2	85.3
500	83.0	85.6	<i>85.7</i>	85.6	85.6	85.7	85.8	85.9	86.0	86.0
630	83.0	85.8	<i>86.1</i>	86.1	86.2	86.4	86.5	86.6	86.7	86.8
800	83.2	86.1	<i>86.6</i>	86.7	86.9	87.1	87.2	87.3	87.4	87.5
1000	83.6	86.6	<i>87.2</i>	87.5	87.7	87.9	88.0	88.1	88.1	88.1
1250	84.2	87.2	<i>88.1</i>	88.4	88.6	88.7	88.7	88.7	88.6	88.6
1600	84.5	87.7	<i>88.8</i>	89.1	89.1	89.0	89.0	88.8	88.7	88.7
2000	83.9	87.2	<i>88.4</i>	88.5	88.4	88.2	88.0	87.9	87.8	87.7
2500	82.4	85.9	<i>87.1</i>	86.9	86.6	86.4	86.2	86.1	86.0	85.9
3150	80.3	83.9	<i>84.8</i>	84.3	84.0	83.8	83.6	83.5	83.4	83.3
4000	76.9	80.6	<i>81.0</i>	80.4	80.1	79.8	79.6	79.5	79.4	79.3
5000	71.8	75.3	<i>75.4</i>	74.8	74.4	74.1	73.9	73.7	73.6	73.5
6300	63.7	67.2	<i>67.1</i>	66.4	66.0	65.6	65.4	65.2	65.1	65.0
8000	51.8	55.2	<i>55.1</i>	54.2	53.8	53.4	53.2	52.9	52.8	52.6
10000	37.1	40.5	<i>40.2</i>	39.3	38.8	38.4	38.1	37.8	37.7	37.5

Tab. 199: One-third octave band level for E-138 EP3 E2-HT-160-ES-C-01 in dB(A)

One-third octave band level centre frequency in Hz	v_s at a height of 10 m in m/s								
	8	8.5	9	9.5	10	10.5	11	11.5	12
20	52.1	52.1	52.2	52.2	52.2	52.3	52.3	52.4	52.4
25	58.1	58.1	58.1	58.2	58.2	58.3	58.3	58.3	58.4
31.5	63.3	63.3	63.4	63.4	63.4	63.5	63.6	63.6	63.7
40	67.8	67.9	67.9	68.0	68.0	68.0	68.1	68.1	68.2
50	71.7	71.8	71.8	71.9	71.9	72.0	72.0	72.1	72.1
63	75.1	75.1	75.1	75.2	75.2	75.3	75.4	75.4	75.5
80	77.9	77.9	78.0	78.0	78.1	78.1	78.2	78.2	78.3
100	79.9	80.0	80.0	80.1	80.1	80.2	80.3	80.3	80.4
125	80.9	81.0	81.0	81.1	81.2	81.2	81.3	81.4	81.5
160	81.6	81.7	81.7	81.8	81.9	82.0	82.1	82.2	82.2
200	82.4	82.4	82.5	82.6	82.7	82.8	82.9	83.0	83.1
250	83.5	83.6	83.7	83.8	83.9	84.0	84.1	84.3	84.4
315	84.5	84.6	84.7	84.8	84.9	85.1	85.2	85.3	85.4
400	85.4	85.5	85.6	85.7	85.8	85.9	86.0	86.1	86.1
500	86.2	86.2	86.3	86.4	86.5	86.5	86.5	86.5	86.5
630	86.9	86.9	86.9	86.9	86.9	86.9	86.8	86.7	86.7
800	87.5	87.5	87.4	87.4	87.3	87.2	87.1	87.1	87.0
1000	88.1	88.0	88.0	87.9	87.8	87.8	87.7	87.6	87.5
1250	88.5	88.4	88.4	88.4	88.3	88.3	88.2	88.1	88.1
1600	88.6	88.5	88.5	88.5	88.4	88.4	88.4	88.3	88.3
2000	87.6	87.6	87.5	87.5	87.4	87.4	87.4	87.4	87.4
2500	85.8	85.8	85.7	85.7	85.6	85.6	85.6	85.6	85.6
3150	83.2	83.1	83.0	83.0	82.9	82.9	82.9	83.0	83.0
4000	79.2	79.1	79.0	79.0	78.9	78.9	78.9	78.9	79.0
5000	73.4	73.3	73.2	73.2	73.1	73.1	73.2	73.2	73.3
6300	64.9	64.8	64.7	64.7	64.6	64.6	64.6	64.7	64.8
8000	52.5	52.4	52.4	52.4	52.3	52.3	52.4	52.5	52.6
10000	37.4	37.3	37.3	37.3	37.3	37.3	37.4	37.5	37.6

Technical data sheet

Operating modes 0 s, I s, II s and power-reduced operation

ENERCON E-138 EP3 E2 / 4200 kW wind energy converter with TES (Trailing Edge Serrations)

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DIN 45681:2005	Akustik - Bestimmung der Tonhaltigkeit von Geräuschen und Ermittlung eines Tonzuschlages für die Beurteilung von Geräuschimmissionen (Acoustics – Determination of tonal components of noise and determination of a tone adjustment for the assessment of noise immissions)
IEC 61400-11:2012	Wind turbines - Part 11: Acoustic noise measurement techniques
IEC 61400-12-1:2017	Wind energy generation systems - Part 12-1: Power performance measurements of electricity producing wind turbines
TR 1:2008	Technische Richtlinien für Windenergieanlagen Teil 1: Bestimmung der Schallemissionswerte (Technical regulations for wind energy converters - Part 1: Determination of noise emission values)
DIN EN ISO 266:1997	Akustik Normfrequenzen (Acoustics standard frequencies)
-	Power Performance Warranty for ENERCON Wind Energy Converters

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List of abbreviations

Abbreviations

HH	Hub height
HST	Hybrid steel tower
HT	Hybrid tower
ST	Steel tower

Variables, units, formulas

L_o	Octave band level
L_T	One-third octave band level
v_H	Wind speed at hub height
v_s	Standardised wind speed
σ_P	Serial product variation
σ_R	Uncertainty in measurement

1 Available operating modes

The table below shows which operating modes are available for what tower versions or hub heights.

Tab. 1: Available operating modes

Operating mode	Tower version or hub height (HH)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-13-1-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
	HH 81 m	HH 96 m	HH 111 m	HH 131 m	HH 131 m	HH 131 m	HH 149 m	HH 160 m
0 s	x	x	x	x	x	x	x	x
I s	x	x	x	-	-	-	x	x
II s	x	x	x	-	-	-	x	x
4000 kW s	x	x	x	x	x	x	x	x
3500 kW s	x	x	x	x	x	x	x	x
3000 kW s	x	x	x	x	x	x	x	x
2500 kW s	x	x	x	x	x	x	x	x
2000 kW s	x	x	x	x	x	x	x	x
1500 kW s	x	x	x	-	-	-	x	x
1000 kW s	x	x	x	-	-	-	x	x
500 kW s	x	x	x	x	x	x	x	x

x = Available

- = Not available

2 Power Performance

The power values, power coefficients (c_p values) and thrust coefficients (c_t values) given in this document are predicted values. Based on the current development status of this wind energy converter type, ENERCON considers it sufficiently likely that these values will be reached. The power performance of the wind energy converter is only guaranteed under the conditions described in the document 'Power Performance Warranty for ENERCON Wind Energy Converters'.

2.1 Site

The power curves, c_p and c_t curves have been calculated for the conditions stated in tab. 2, p. 10 with undamaged rotor blade leading edges and clean rotor blades. The calculations are based on experience with wind energy converters in a wide variety of locations.

Tab. 2: Site conditions

Parameter	Value (10-minute mean)
Standard air density	1.225 kg/m ³
Turbulence intensity	According to ch. 2.3, p. 11
Wind shear exponent	0.0 to 0.3
Maximum difference of wind direction between upper and lower blade tip	10°
Maximum flow inclination	±2°
Terrain	According to IEC 61400-12-1:2017
Snow/ice	No
Rain	No

Otherwise, the framework conditions according to IEC 61400-12-1:2017 apply.

2.2 Operating parameters

The settings of the wind energy converter's reactive power generation and wind farm open-loop and closed-loop control systems influence the power performance. The calculated power curves, c_p and c_t curves listed in this document apply only to operation without limitations.

2.3 Turbulence intensity

The table below defines the validity range of the power, c_p and c_t characteristic curves in relation to the degrees of turbulence intensity that may prevail on site. See the tab. 2, p. 10 for further restrictions.

Tab. 3: Turbulence intensity

Wind speed in m/s	Lower limit of turbulence intensity in %	Upper limit of turbulence intensity in %
0.00	20.00	40.00
0.50	20.00	40.00
1.00	20.00	40.00
1.50	20.00	40.00
2.00	20.00	40.00
2.50	20.00	40.00
3.00	18.32	34.02
3.50	16.45	30.55
4.00	15.05	27.95
4.50	13.96	25.93
5.00	13.09	24.31
5.50	12.38	22.99
6.00	11.78	21.88
6.50	11.28	20.95
7.00	10.85	20.15
7.50	10.48	19.46
8.00	10.15	18.85
8.50	9.86	18.31
9.00	9.61	17.84
9.50	9.38	17.41
10.00	9.17	17.03
10.50	8.98	16.68
11.00	8.81	16.37
11.50	8.66	16.08
12.00	8.52	15.82
12.50	8.39	15.57
13.00	8.27	15.35
13.50	8.15	15.14
14.00	8.05	14.95
14.50	7.95	14.77
15.00	7.86	14.60

Wind speed in m/s	Lower limit of turbulence intensity in %	Upper limit of turbulence intensity in %
15.50	7.78	14.45
16.00	7.70	14.30
16.50	7.63	14.16
17.00	7.56	14.03
17.50	7.49	13.91
18.00	7.43	13.79
18.50	7.37	13.69
19.00	7.31	13.58
19.50	7.26	13.48
20.00	7.21	13.39
20.50	7.16	13.30
21.00	7.12	13.22
21.50	7.07	13.14
22.00	7.03	13.06
22.50	6.99	12.99
23.00	6.95	12.92
23.50	6.92	12.85
24.00	6.88	12.78
24.50	6.85	12.72
25.00	6.82	12.66
25.50	6.79	12.60
26.00	6.76	12.55
26.50	6.73	12.50
27.00	6.70	12.45
27.50	6.68	12.40
28.00	6.65	12.35

3 Sound power level

Allocation of the sound power levels to the standardised wind speed (v_s) at a height of 10 m is valid only if based on a logarithmic wind shear law with a roughness length of 0.05 m. Allocation of the sound power levels to the wind speed at hub height (v_H) is valid for all hub heights (HH). During measurements, the wind speed is determined based on the power output and the power curve.

The maximum tonal noise KTN across the entire power range is 1 dB (applies to close range acc. to TR 1:2008 of the Federation of German Windpower and DIN 45681:2005) or $\Delta L_{a,k} < 2$ dB (applies to close range acc. to IEC 61400-11:2012).

The impulse noise KIN across the entire power range is 0 dB (applies to close range acc. to TR 1:2008 and DIN 45645-1:1996).

Due to uncertainty in acoustic measurements (σ_R) and serial product variation (σ_P), the sound power level values indicated in this document are subject to an uncertainty of $\sigma_R = 0.5$ dB(A) and $\sigma_P = 1.2$ dB(A). Standards are TR 1:2008 and IEC 61400-11:2012. If, during measurement, the difference between total noise and extraneous noise is less than 6 dB(A), a greater uncertainty should be assumed.

This data sheet does not constitute a project-specific and/or site-specific warranty of compliance with sound power levels.

3.1 Octave band level

The specified octave band levels of the loudest condition of the tower have been simulated from the one-third octave band level values defined in the frequency bands of DIN EN ISO 266:1997. An octave band level L_O is calculated from 3 one-third octave band levels L_{T1} , L_{T2} and L_{T3} according to the following formula:

$$L_O = 10 \times \log\left(10^{\frac{L_{T1}}{10}} + 10^{\frac{L_{T2}}{10}} + 10^{\frac{L_{T3}}{10}}\right)$$

The individual octave band level values cannot be guaranteed. Only the cumulative level of all octave band levels for each wind speed, which corresponds to the sound power level at that particular wind speed, is a guaranteed quantity.

4 Operating mode 0 s

4.1 Calculated power, c_p and c_t values – operating mode 0 s

Tab. 4: Calculated power, c_p and c_t values for E-138 EP3 E2 / 4200 kW – operating mode 0 s

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	0	0.00	0.00
2.00	13	0.18	0.72
2.50	43	0.30	0.98
3.00	93	0.37	0.98
3.50	165	0.42	0.94
4.00	264	0.45	0.91
4.50	390	0.46	0.90
5.00	541	0.47	0.89
5.50	722	0.47	0.88
6.00	936	0.47	0.86
6.50	1183	0.47	0.84
7.00	1461	0.46	0.81
7.50	1765	0.45	0.78
8.00	2086	0.44	0.74
8.50	2414	0.43	0.71
9.00	2738	0.41	0.66
9.50	3045	0.38	0.62
10.00	3323	0.36	0.57
10.50	3563	0.33	0.53
11.00	3759	0.31	0.48
11.50	3909	0.28	0.43
12.00	4018	0.25	0.39
12.50	4092	0.23	0.35
13.00	4139	0.20	0.31
13.50	4168	0.18	0.28
14.00	4184	0.17	0.25
14.50	4193	0.15	0.22
15.00	4197	0.14	0.20

Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.50	4199	0.12	0.18
16.00	4200	0.11	0.17
16.50	4200	0.10	0.15
17.00	4200	0.09	0.14
17.50	4200	0.09	0.13
18.00	4200	0.08	0.12
18.50	4200	0.07	0.11
19.00	4200	0.07	0.10
19.50	4198	0.06	0.09
20.00	4186	0.06	0.09
20.50	4160	0.05	0.08
21.00	4115	0.05	0.07
21.50	4041	0.04	0.07
22.00	3933	0.04	0.06
22.50	3783	0.04	0.06
23.00	3591	0.03	0.05
23.50	3357	0.03	0.05
24.00	3088	0.02	0.04
24.50	2799	0.02	0.04
25.00	2214	0.02	0.03
25.50	1878	0.01	0.02
26.00	1585	0.01	0.02
26.50	1314	0.01	0.02
27.00	1069	0.01	0.01
27.50	854	0.00	0.01
28.00	708	0.00	0.01

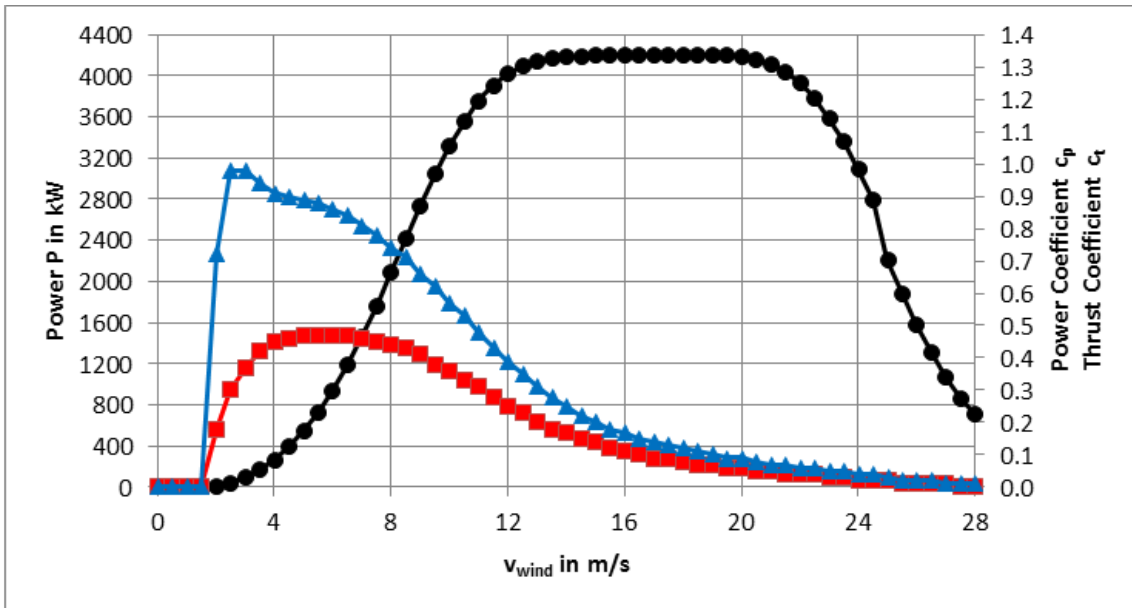


Fig. 1: Power, c_p and c_t curve for E-138 EP3 E2 / 4200 kW – operating mode 0 s

	Power P in kW
	c_t value
	c_p value

4.2 Calculated sound power levels – operating mode 0 s

In operating mode 0 s, the wind energy converter operates in a power-optimised mode to achieve optimum yield. The highest expected sound power level 106.0 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 5: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	4200	kW
Nominal wind speed	15.0	m/s
Minimum operating speed		
■ E-138 EP3 E2-ST-81-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-96-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-111-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-131-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-131-FB-C-02	4.4	rpm
■ E-138 EP3 E2-HST-131-FB-C-01	4.4	rpm
■ E-138 EP3 E2-HT-149-ES-C-02	5.0	rpm
■ E-138 EP3 E2-HT-160-ES-C-01	5.0	rpm
Speed setpoint	11.1	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 3, p. 13.

Tab. 6: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
3 m/s	92.3	92.9	93.4	93.9	93.9	93.9	94.3	94.5
3.5 m/s	96.0	96.6	97.0	97.4	97.4	97.4	97.7	97.9
4 m/s	98.9	99.4	99.8	100.3	100.3	100.3	100.6	100.8
4.5 m/s	101.4	101.8	102.2	102.4	102.4	102.4	102.6	102.7
5 m/s	102.9	103.0	103.1	103.2	103.2	103.2	103.2	103.3
5.5 m/s	103.3	103.5	103.6	103.7	103.7	103.7	103.8	103.8
6 m/s	103.8	103.9	104.1	104.2	104.2	104.2	104.3	104.4
6.5 m/s	104.3	104.5	104.7	104.8	104.8	104.8	104.8	104.9
7 m/s	104.8	104.9	105.0	105.2	105.2	105.2	105.2	105.3
7.5 m/s	105.2	105.3	105.4	105.5	105.5	105.5	105.6	105.7

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
8 m/s	105.5	105.7	105.8	105.9	105.9	105.9	106.0	106.0
8.5 m/s	105.9	106.0	106.0	106.0	106.0	106.0	106.0	106.0
9 m/s	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0
9.5 m/s	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0
10 m/s	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0
10.5 m/s	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0
11 m/s	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0
11.5 m/s	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0
12 m/s	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0
95 % P_n	106.0	106.0	106.0	106.0	106.0	106.0	106.0	106.0

Tab. 7: Calculated sound power level in dB(A) based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	96.6
5.5 m/s	98.6
6 m/s	100.5
6.5 m/s	102.1
7 m/s	102.9
7.5 m/s	103.2
8 m/s	103.6
8.5 m/s	103.9
9 m/s	104.3
9.5 m/s	104.7
10 m/s	104.9
10.5 m/s	105.2
11 m/s	105.4
11.5 m/s	105.7
12 m/s	106.0
12.5 m/s	106.0
13 m/s	106.0
13.5 m/s	106.0
14 m/s	106.0

Wind speed at hub height (v_H)	Sound power level in dB(A)
14.5 m/s	106.0
15 m/s	106.0

4.3 Octave band levels of the loudest condition

4.3.1 Octave band level HH

Tab. 8: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
12	75.8	87.5	93.2	96.1	98.5	100.1	100.8	95.8	79.9

4.3.2 Octave band level E-138 EP3 E2-ST-81-FB-C-01

Tab. 9: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
9	75.2	86.9	92.6	95.4	98.0	99.9	101.0	97.2	83.8

4.3.3 Octave band level E-138 EP3 E2-ST-96-FB-C-01

Tab. 10: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	75.4	87.1	92.9	95.7	98.2	100.0	100.9	96.6	82.6

4.3.4 Octave band level E-138 EP3 E2-ST-111-FB-C-01

Tab. 11: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	75.5	87.2	93.0	95.7	98.2	100.0	100.9	96.4	81.5

4.3.5 Octave band level E-138 EP3 E2-ST-131-FB-C-01

Tab. 12: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	75.7	87.4	93.1	95.8	98.3	100.1	100.9	96.1	79.8

4.3.6 Octave band level E-138 EP3 E2-ST-131-FB-C-02

Tab. 13: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	75.7	87.4	93.1	95.8	98.3	100.1	100.9	96.1	79.8

4.3.7 Octave band level E-138 EP3 E2-HST-131-FB-C-01

Tab. 14: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	75.7	87.4	93.1	95.8	98.3	100.1	100.9	96.1	79.8

4.3.8 Octave band level E-138 EP3 E2-HT-149-ES-C-02

Tab. 15: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8	75.9	87.6	93.4	96.2	98.6	100.1	100.7	95.4	78.4

4.3.9 Octave band level E-138 EP3 E2-HT-160-ES-C-01

Tab. 16: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8	76.0	87.7	93.4	96.2	98.6	100.1	100.7	95.2	77.6

5 Operating mode I s

5.1 Calculated power, c_p and c_t values – operating mode I s

 Tab. 17: Calculated power, c_p and c_t values for E-138 EP3 E2 / 4200 kW – operating mode I s

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	0	0.00	0.00
2.00	13	0.18	0.72
2.50	43	0.30	0.98
3.00	93	0.37	0.98
3.50	165	0.42	0.94
4.00	264	0.45	0.91
4.50	390	0.46	0.90
5.00	540	0.47	0.89
5.50	720	0.47	0.87
6.00	929	0.47	0.85
6.50	1168	0.46	0.82
7.00	1434	0.45	0.78
7.50	1724	0.44	0.75
8.00	2032	0.43	0.72
8.50	2352	0.41	0.68
9.00	2672	0.40	0.65
9.50	2982	0.38	0.61
10.00	3267	0.35	0.57
10.50	3517	0.33	0.52
11.00	3724	0.30	0.48
11.50	3885	0.28	0.44
12.00	4002	0.25	0.39
12.50	4081	0.23	0.35
13.00	4133	0.20	0.31
13.50	4164	0.18	0.28
14.00	4182	0.17	0.25
14.50	4192	0.15	0.23
15.00	4197	0.14	0.20

Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.50	4199	0.12	0.18
16.00	4200	0.11	0.17
16.50	4200	0.10	0.15
17.00	4200	0.09	0.14
17.50	4200	0.09	0.13
18.00	4200	0.08	0.12
18.50	4200	0.07	0.11
19.00	4200	0.07	0.10
19.50	4200	0.06	0.09
20.00	4197	0.06	0.09
20.50	4183	0.05	0.08
21.00	4153	0.05	0.08
21.50	4103	0.05	0.07
22.00	4024	0.04	0.07
22.50	3907	0.04	0.06
23.00	3749	0.03	0.05
23.50	3547	0.03	0.05
24.00	3304	0.03	0.04
24.50	3037	0.02	0.04
25.00	2447	0.02	0.03
25.50	2088	0.01	0.03
26.00	1773	0.01	0.02
26.50	1479	0.01	0.02
27.00	1211	0.01	0.01
27.50	974	0.01	0.01
28.00	808	0.00	0.01

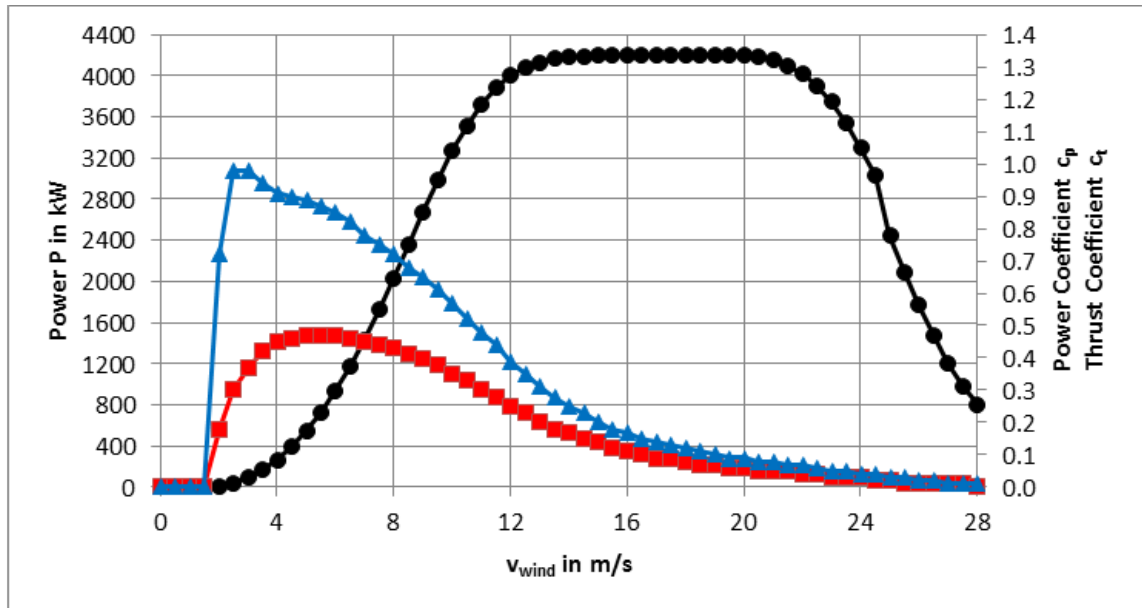


Fig. 2: Power, c_p and c_t curve for E-138 EP3 E2 / 4200 kW – operating mode I s

◆◆◆	Power P in kW
▲▲▲	c_t value
■ ■ ■	c_p value

5.2 Calculated sound power levels – operating mode I s

In operating mode I s the wind energy converter operates with reduced sound emission. The highest expected sound power level 105.0 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 18: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	4200	kW
Nominal wind speed	15.0	m/s
Minimum operating speed		
■ E-138 EP3 E2-ST-81-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-96-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-111-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-131-FB-C-01	-	rpm
■ E-138 EP3 E2-ST-131-FB-C-02	-	rpm
■ E-138 EP3 E2-HST-131-FB-C-01	-	rpm
■ E-138 EP3 E2-HT-149-ES-C-02	5.0	rpm
■ E-138 EP3 E2-HT-160-ES-C-01	5.0	rpm
Speed setpoint	10.6	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 3, p. 13.

Tab. 19: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
3 m/s	92.3	92.9	93.4	-	-	-	94.3	94.5
3.5 m/s	96.0	96.6	97.0	-	-	-	97.7	97.9
4 m/s	98.9	99.4	99.8	-	-	-	100.6	100.7
4.5 m/s	101.1	101.3	101.5	-	-	-	101.7	101.7
5 m/s	101.8	101.9	102.0	-	-	-	102.1	102.2
5.5 m/s	102.2	102.4	102.5	-	-	-	102.7	102.7
6 m/s	102.7	102.9	103.0	-	-	-	103.3	103.3
6.5 m/s	103.2	103.4	103.5	-	-	-	103.7	103.8
7 m/s	103.7	103.8	103.9	-	-	-	104.0	104.1
7.5 m/s	104.0	104.1	104.2	-	-	-	104.4	104.4

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-13 1-FB-C-01	E-138 EP3 E2-HT-149 -ES-C-02	E-138 EP3 E2-HT-160 -ES-C-01
8 m/s	104.3	104.4	104.6	-	-	-	105.0	105.0
8.5 m/s	104.8	105.0	105.0	-	-	-	105.0	105.0
9 m/s	105.0	105.0	105.0	-	-	-	105.0	105.0
9.5 m/s	105.0	105.0	105.0	-	-	-	105.0	105.0
10 m/s	105.0	105.0	105.0	-	-	-	105.0	105.0
10.5 m/s	105.0	105.0	105.0	-	-	-	105.0	105.0
11 m/s	105.0	105.0	105.0	-	-	-	105.0	105.0
11.5 m/s	105.0	105.0	105.0	-	-	-	105.0	105.0
12 m/s	105.0	105.0	105.0	-	-	-	105.0	105.0
95 % P_n	105.0	105.0	105.0	-	-	-	105.0	105.0

Tab. 20: Calculated sound power level in dB(A) based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	96.6
5.5 m/s	98.6
6 m/s	100.5
6.5 m/s	101.5
7 m/s	101.8
7.5 m/s	102.1
8 m/s	102.5
8.5 m/s	102.8
9 m/s	103.2
9.5 m/s	103.6
10 m/s	103.8
10.5 m/s	104.0
11 m/s	104.2
11.5 m/s	104.5
12 m/s	105.0
12.5 m/s	105.0
13 m/s	105.0
13.5 m/s	105.0
14 m/s	105.0

Wind speed at hub height (v_H)	Sound power level in dB(A)
14.5 m/s	105.0
15 m/s	105.0

5.3 Octave band levels of the loudest condition

5.3.1 Octave band level HH

Tab. 21: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
12	75.1	86.8	92.5	95.4	97.7	99.1	99.6	94.5	78.6

5.3.2 Octave band level E-138 EP3 E2-ST-81-FB-C-01

Tab. 22: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
9	74.5	86.2	91.9	94.8	97.2	98.9	99.9	95.9	82.7

5.3.3 Octave band level E-138 EP3 E2-ST-96-FB-C-01

Tab. 23: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	74.8	86.4	92.1	95.0	97.4	98.9	99.7	95.3	81.5

5.3.4 Octave band level E-138 EP3 E2-ST-111-FB-C-01

Tab. 24: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	74.9	86.5	92.2	95.1	97.4	99.0	99.7	95.1	80.3

5.3.5 Octave band level E-138 EP3 E2-ST-131-FB-C-01

Tab. 25: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
-	-	-	-	-	-	-	-	-	-

5.3.6 Octave band level E-138 EP3 E2-ST-131-FB-C-02

Tab. 26: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
-	-	-	-	-	-	-	-	-	-

5.3.7 Octave band level E-138 EP3 E2-HST-131-FB-C-01

Tab. 27: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
-	-	-	-	-	-	-	-	-	-

5.3.8 Octave band level E-138 EP3 E2-HT-149-ES-C-02

Tab. 28: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8	75.2	86.9	92.6	95.5	97.8	99.1	99.5	94.1	77.1

5.3.9 Octave band level E-138 EP3 E2-HT-160-ES-C-01

Tab. 29: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8	75.3	87.0	92.7	95.5	97.8	99.2	99.5	93.9	76.3

6 Operating mode II s

6.1 Calculated power, c_p and c_t values – operating mode II s

Tab. 30: Calculated power, c_p and c_t values for E-138 EP3 E2 / 4200 kW – operating mode II s

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	0	0.00	0.00
2.00	13	0.18	0.72
2.50	43	0.30	0.98
3.00	93	0.37	0.98
3.50	165	0.42	0.94
4.00	264	0.45	0.91
4.50	390	0.46	0.90
5.00	539	0.47	0.88
5.50	716	0.47	0.86
6.00	922	0.46	0.83
6.50	1154	0.46	0.79
7.00	1410	0.45	0.76
7.50	1683	0.43	0.72
8.00	1967	0.42	0.68
8.50	2252	0.40	0.64
9.00	2532	0.38	0.60
9.50	2798	0.35	0.56
10.00	3045	0.33	0.52
10.50	3267	0.31	0.48
11.00	3459	0.28	0.44
11.50	3618	0.26	0.40
12.00	3743	0.23	0.36
12.50	3835	0.21	0.33
13.00	3899	0.19	0.29
13.50	3941	0.17	0.26
14.00	3968	0.16	0.24
14.50	3983	0.14	0.21
15.00	3992	0.13	0.19

Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.50	3997	0.12	0.18
16.00	3999	0.11	0.16
16.50	4000	0.10	0.15
17.00	4000	0.09	0.13
17.50	4000	0.08	0.12
18.00	4000	0.07	0.11
18.50	4000	0.07	0.10
19.00	4000	0.06	0.10
19.50	4000	0.06	0.09
20.00	4000	0.05	0.08
20.50	3995	0.05	0.08
21.00	3978	0.05	0.07
21.50	3947	0.04	0.07
22.00	3894	0.04	0.06
22.50	3811	0.04	0.06
23.00	3691	0.03	0.05
23.50	3531	0.03	0.05
24.00	3329	0.03	0.04
24.50	3102	0.02	0.04
25.00	2560	0.02	0.03
25.50	2210	0.01	0.03
26.00	1893	0.01	0.02
26.50	1591	0.01	0.02
27.00	1313	0.01	0.01
27.50	1065	0.01	0.01
28.00	888	0.00	0.01

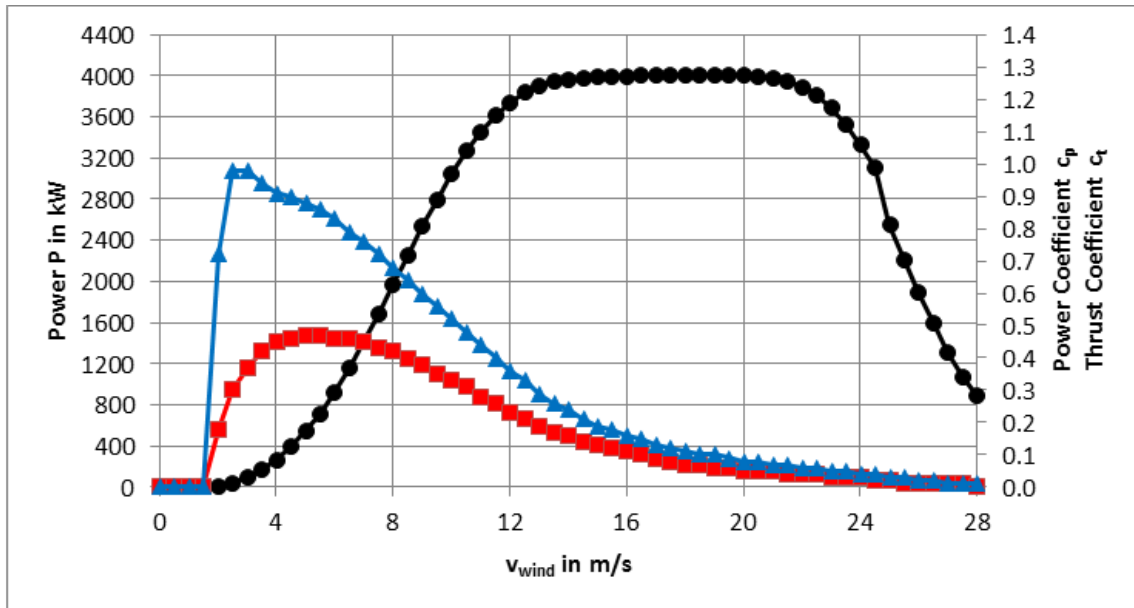


Fig. 3: Power, c_p and c_t curve for E-138 EP3 E2 / 4200 kW – operating mode II s

	Power P in kW
	c_t value
	c_p value

6.2 Calculated sound power levels – operating mode II s

In operating mode II s the wind energy converter operates with reduced sound emission and reduced power. The highest expected sound power level 104.0 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 31: Technical specifications

Parameter	Value	Unit
Nominal power(P_n)	4000	kW
Nominal wind speed	15.5	m/s
Minimum operating speed		
■ E-138 EP3 E2-ST-81-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-96-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-111-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-131-FB-C-01	-	rpm
■ E-138 EP3 E2-ST-131-FB-C-02	-	rpm
■ E-138 EP3 E2-HST-131-FB-C-01	-	rpm
■ E-138 EP3 E2-HT-149-ES-C-02	5.0	rpm
■ E-138 EP3 E2-HT-160-ES-C-01	5.0	rpm
Speed setpoint	10.1	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 3, p. 13.

Tab. 32: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
3 m/s	92.3	92.9	93.4	-	-	-	94.3	94.5
3.5 m/s	96.0	96.6	97.0	-	-	-	97.7	97.9
4 m/s	98.8	99.2	99.5	-	-	-	100.0	100.1
4.5 m/s	100.3	100.4	100.5	-	-	-	100.7	100.7
5 m/s	100.8	100.9	101.0	-	-	-	101.1	101.2
5.5 m/s	101.2	101.4	101.5	-	-	-	101.7	101.8
6 m/s	101.8	101.9	102.0	-	-	-	102.2	102.3
6.5 m/s	102.3	102.4	102.5	-	-	-	102.6	102.6
7 m/s	102.6	102.6	102.6	-	-	-	102.7	102.8
7.5 m/s	102.7	102.8	102.9	-	-	-	103.0	103.0

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
8 m/s	102.9	103.0	103.1	-	-	-	103.5	103.6
8.5 m/s	103.3	103.6	103.9	-	-	-	104.0	104.0
9 m/s	104.0	104.0	104.0	-	-	-	104.0	104.0
9.5 m/s	104.0	104.0	104.0	-	-	-	104.0	104.0
10 m/s	104.0	104.0	104.0	-	-	-	104.0	104.0
10.5 m/s	104.0	104.0	104.0	-	-	-	104.0	104.0
11 m/s	104.0	104.0	104.0	-	-	-	104.0	104.0
11.5 m/s	104.0	104.0	104.0	-	-	-	104.0	104.0
12 m/s	104.0	104.0	104.0	-	-	-	104.0	104.0
95 % P_n	104.0	104.0	104.0	-	-	-	104.0	104.0

Tab. 33: Calculated sound power level in dB(A) based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	96.6
5.5 m/s	98.6
6 m/s	100.0
6.5 m/s	100.5
7 m/s	100.8
7.5 m/s	101.1
8 m/s	101.5
8.5 m/s	101.9
9 m/s	102.2
9.5 m/s	102.5
10 m/s	102.6
10.5 m/s	102.7
11 m/s	102.9
11.5 m/s	103.0
12 m/s	103.4
12.5 m/s	104.0
13 m/s	104.0
13.5 m/s	104.0
14 m/s	104.0

Wind speed at hub height (v_H)	Sound power level in dB(A)
14.5 m/s	104.0
15 m/s	104.0

6.3 Octave band levels of the loudest condition

6.3.1 Octave band level HH

Tab. 34: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
12.5	74.3	85.9	91.5	94.4	96.6	98.0	98.6	93.6	77.6

6.3.2 Octave band level E-138 EP3 E2-ST-81-FB-C-01

Tab. 35: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
9	73.9	85.4	91.1	93.9	96.3	97.9	98.8	94.8	81.6

6.3.3 Octave band level E-138 EP3 E2-ST-96-FB-C-01

Tab. 36: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
9	74.0	85.6	91.2	93.9	96.3	97.9	98.8	94.5	80.4

6.3.4 Octave band level E-138 EP3 E2-ST-111-FB-C-01

Tab. 37: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
9	74.1	85.7	91.2	94.0	96.3	98.0	98.8	94.3	79.2

6.3.5 Octave band level E-138 EP3 E2-ST-131-FB-C-01

Tab. 38: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
-	-	-	-	-	-	-	-	-	-

6.3.6 Octave band level E-138 EP3 E2-ST-131-FB-C-02

Tab. 39: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
-	-	-	-	-	-	-	-	-	-

6.3.7 Octave band level E-138 EP3 E2-HST-131-FB-C-01

Tab. 40: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
-	-	-	-	-	-	-	-	-	-

6.3.8 Octave band level E-138 EP3 E2-HT-149-ES-C-02

Tab. 41: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	74.5	86.1	91.6	94.3	96.6	98.1	98.7	93.4	76.2

6.3.9 Octave band level E-138 EP3 E2-HT-160-ES-C-01

Tab. 42: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	74.6	86.1	91.7	94.3	96.6	98.1	98.7	93.2	75.3

7 Operating mode 4000 kW s

7.1 Calculated power, c_p and c_t values – operating mode 4000 kW s

Tab. 43: Calculated power, c_p and c_t values for E-138 EP3 E2 / 4200 kW – operating mode 4000 kW s

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	0	0.00	0.00
2.00	13	0.18	0.72
2.50	43	0.30	0.98
3.00	93	0.37	0.98
3.50	165	0.42	0.94
4.00	264	0.45	0.91
4.50	390	0.46	0.90
5.00	541	0.47	0.89
5.50	722	0.47	0.88
6.00	936	0.47	0.86
6.50	1183	0.47	0.84
7.00	1461	0.46	0.81
7.50	1765	0.45	0.78
8.00	2086	0.44	0.74
8.50	2413	0.43	0.71
9.00	2732	0.41	0.66
9.50	3029	0.38	0.62
10.00	3290	0.36	0.57
10.50	3506	0.33	0.52
11.00	3673	0.30	0.47
11.50	3795	0.27	0.42
12.00	3878	0.24	0.37
12.50	3931	0.22	0.33
13.00	3964	0.20	0.30
13.50	3982	0.18	0.26
14.00	3992	0.16	0.24
14.50	3997	0.14	0.21

Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.00	3999	0.13	0.19
15.50	4000	0.12	0.17
16.00	4000	0.11	0.16
16.50	4000	0.10	0.14
17.00	4000	0.09	0.13
17.50	4000	0.08	0.12
18.00	4000	0.07	0.11
18.50	4000	0.07	0.10
19.00	4000	0.06	0.10
19.50	3999	0.06	0.09
20.00	3989	0.05	0.08
20.50	3966	0.05	0.08
21.00	3925	0.05	0.07
21.50	3859	0.04	0.07
22.00	3761	0.04	0.06
22.50	3623	0.03	0.06
23.00	3445	0.03	0.05
23.50	3227	0.03	0.05
24.00	2975	0.02	0.04
24.50	2703	0.02	0.04
25.00	2146	0.02	0.03
25.50	1824	0.01	0.02
26.00	1542	0.01	0.02
26.50	1280	0.01	0.02
27.00	1043	0.01	0.01
27.50	835	0.00	0.01
28.00	693	0.00	0.01

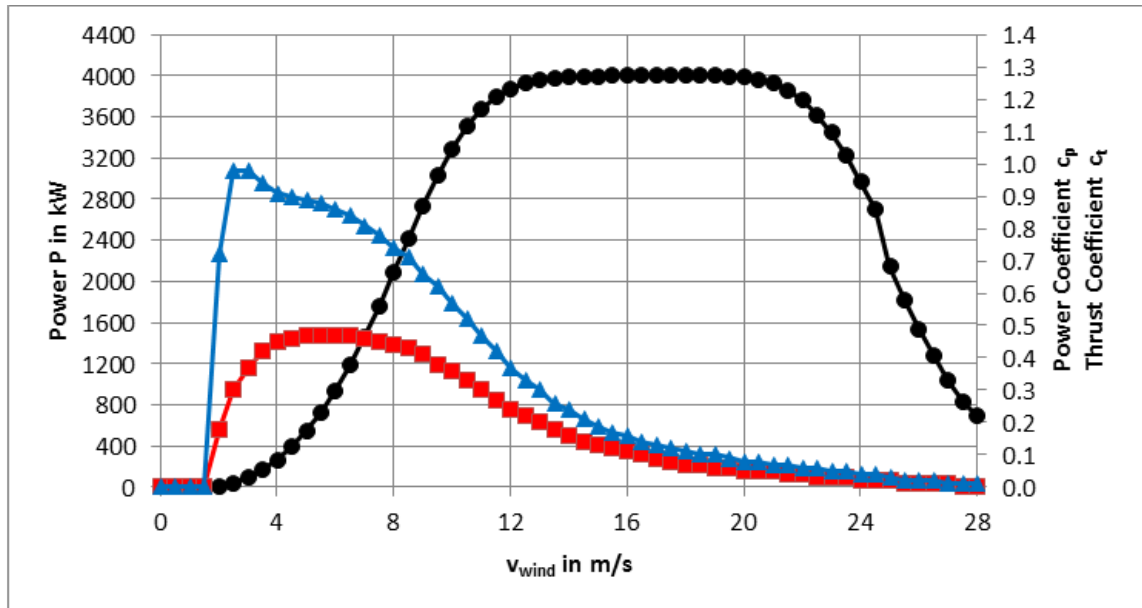


Fig. 4: Power, c_p and c_t curve for E-138 EP3 E2 / 4200 kW – operating mode 4000 kW s

	Power P in kW
	c_t value
	c_p value

7.2 Calculated sound power levels – operating mode 4000 kW s

In operating mode 4000 kW s the wind energy converter operates with reduced power. The highest expected sound power level 105.9 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 44: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	4000	kW
Nominal wind speed	14.5	m/s
Minimum operating speed		
■ E-138 EP3 E2-ST-81-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-96-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-111-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-131-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-131-FB-C-02	4.4	rpm
■ E-138 EP3 E2-HST-131-FB-C-01	4.4	rpm
■ E-138 EP3 E2-HT-149-ES-C-02	5.0	rpm
■ E-138 EP3 E2-HT-160-ES-C-01	5.0	rpm
Speed setpoint	11.1	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 3, p. 13.

Tab. 45: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
3 m/s	92.3	92.9	93.4	93.9	93.9	93.9	94.3	94.5
3.5 m/s	96.0	96.6	97.0	97.4	97.4	97.4	97.7	97.9
4 m/s	98.9	99.4	99.8	100.3	100.3	100.3	100.6	100.8
4.5 m/s	101.4	101.8	102.2	102.4	102.4	102.4	102.6	102.7
5 m/s	102.9	103.0	103.1	103.2	103.2	103.2	103.2	103.3
5.5 m/s	103.3	103.5	103.6	103.7	103.7	103.7	103.8	103.8
6 m/s	103.8	103.9	104.1	104.2	104.2	104.2	104.3	104.4
6.5 m/s	104.3	104.5	104.7	104.8	104.8	104.8	104.8	104.9
7 m/s	104.8	104.9	105.0	105.2	105.2	105.2	105.2	105.3
7.5 m/s	105.2	105.3	105.4	105.6	105.6	105.6	105.8	105.8
8 m/s	105.6	105.8	105.9	105.9	105.9	105.9	105.9	105.9

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
8.5 m/s	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9
9 m/s	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9
9.5 m/s	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9
10 m/s	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9
10.5 m/s	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9
11 m/s	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9
11.5 m/s	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9
12 m/s	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9
95 % P_n	105.9	105.9	105.9	105.9	105.9	105.9	105.9	105.9

Tab. 46: Calculated sound power level in dB(A) based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	96.6
5.5 m/s	98.6
6 m/s	100.5
6.5 m/s	102.1
7 m/s	102.9
7.5 m/s	103.2
8 m/s	103.6
8.5 m/s	103.9
9 m/s	104.3
9.5 m/s	104.7
10 m/s	104.9
10.5 m/s	105.2
11 m/s	105.5
11.5 m/s	105.9
12 m/s	105.9
12.5 m/s	105.9
13 m/s	105.9
13.5 m/s	105.9
14 m/s	105.9
14.5 m/s	105.9

Wind speed at hub height (v_H)	Sound power level in dB(A)
15 m/s	105.9

7.3 Octave band levels of the loudest condition

7.3.1 Octave band level HH

Tab. 47: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
11.5	75.7	87.4	93.2	96.1	98.5	100.0	100.6	95.6	79.7

7.3.2 Octave band level E-138 EP3 E2-ST-81-FB-C-01

Tab. 48: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	75.2	86.9	92.6	95.5	98.0	99.8	100.8	96.9	83.7

7.3.3 Octave band level E-138 EP3 E2-ST-96-FB-C-01

Tab. 49: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	75.3	87.0	92.7	95.5	98.0	99.8	100.8	96.6	82.5

7.3.4 Octave band level E-138 EP3 E2-ST-111-FB-C-01

Tab. 50: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8	75.5	87.3	93.0	95.9	98.3	99.9	100.7	96.1	81.3

7.3.5 Octave band level E-138 EP3 E2-ST-131-FB-C-01

Tab. 51: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8	75.6	87.4	93.1	95.9	98.3	100.0	100.7	95.7	79.7

7.3.6 Octave band level E-138 EP3 E2-ST-131-FB-C-02

Tab. 52: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8	75.6	87.4	93.1	95.9	98.3	100.0	100.7	95.7	79.7

7.3.7 Octave band level E-138 EP3 E2-HST-131-FB-C-01

Tab. 53: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8	75.6	87.4	93.1	95.9	98.3	100.0	100.7	95.7	79.7

7.3.8 Octave band level E-138 EP3 E2-HT-149-ES-C-02

Tab. 54: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8	75.8	87.5	93.2	95.9	98.4	100.1	100.7	95.5	78.3

7.3.9 Octave band level E-138 EP3 E2-HT-160-ES-C-01

Tab. 55: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8	75.9	87.6	93.3	96.0	98.4	100.1	100.7	95.3	77.4

8 Operating mode 3500 kW s

8.1 Calculated power, c_p and c_t values – operating mode 3500 kW s

Tab. 56: Calculated power, c_p and c_t values for E-138 EP3 E2 / 4200 kW – operating mode 3500 kW s

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	0	0.00	0.00
2.00	13	0.18	0.72
2.50	43	0.30	0.98
3.00	93	0.37	0.98
3.50	165	0.42	0.94
4.00	264	0.45	0.91
4.50	390	0.46	0.90
5.00	541	0.47	0.89
5.50	722	0.47	0.88
6.00	936	0.47	0.86
6.50	1183	0.47	0.84
7.00	1461	0.46	0.81
7.50	1764	0.45	0.78
8.00	2080	0.44	0.74
8.50	2392	0.42	0.70
9.00	2681	0.40	0.65
9.50	2929	0.37	0.60
10.00	3125	0.34	0.54
10.50	3268	0.31	0.48
11.00	3365	0.27	0.42
11.50	3426	0.24	0.37
12.00	3462	0.22	0.33
12.50	3482	0.19	0.29
13.00	3493	0.17	0.26
13.50	3497	0.15	0.23
14.00	3499	0.14	0.20
14.50	3500	0.12	0.18

Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.00	3500	0.11	0.16
15.50	3500	0.10	0.15
16.00	3500	0.09	0.14
16.50	3500	0.08	0.12
17.00	3500	0.08	0.11
17.50	3500	0.07	0.10
18.00	3500	0.07	0.10
18.50	3500	0.06	0.09
19.00	3500	0.06	0.08
19.50	3499	0.05	0.08
20.00	3493	0.05	0.07
20.50	3475	0.04	0.07
21.00	3443	0.04	0.06
21.50	3391	0.04	0.06
22.00	3313	0.03	0.05
22.50	3201	0.03	0.05
23.00	3055	0.03	0.05
23.50	2874	0.02	0.04
24.00	2662	0.02	0.04
24.50	2432	0.02	0.03
25.00	1948	0.01	0.03
25.50	1668	0.01	0.02
26.00	1416	0.01	0.02
26.50	1180	0.01	0.01
27.00	965	0.01	0.01
27.50	775	0.00	0.01
28.00	648	0.00	0.01

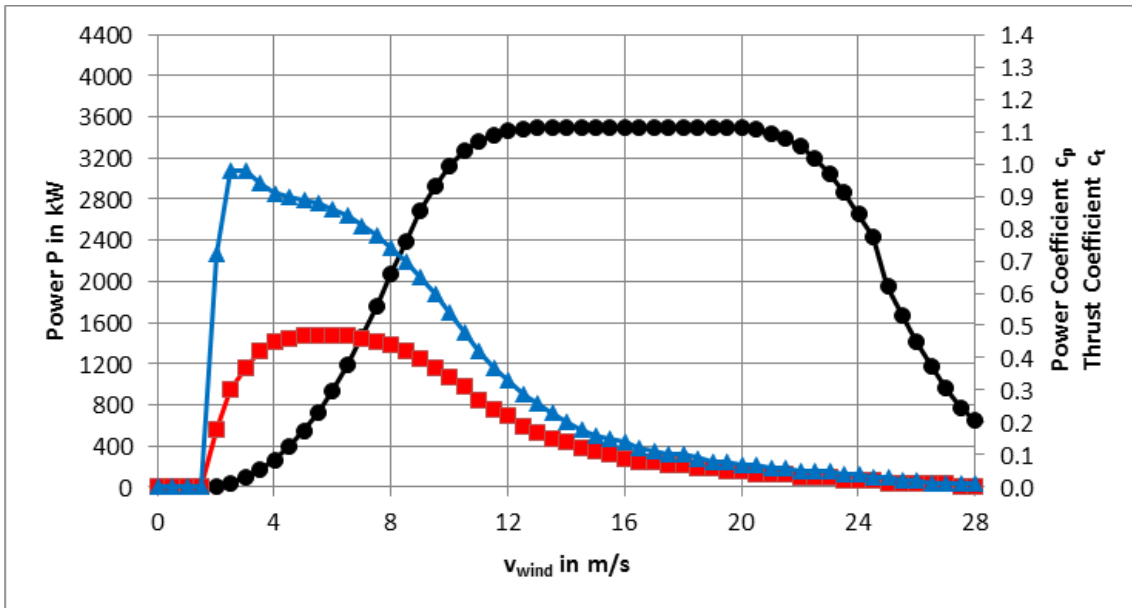


Fig. 5: Power, c_p and c_t curve for E-138 EP3 E2 / 4200 kW – operating mode 3500 kW s

	Power P in kW
	c_t value
	c_p value

8.2 Calculated sound power levels – operating mode 3500 kW s

In operating mode 3500 kW s the wind energy converter operates with reduced power. The highest expected sound power level 105.5 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 57: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	3500	kW
Nominal wind speed	13.5	m/s
Minimum operating speed		
■ E-138 EP3 E2-ST-81-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-96-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-111-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-131-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-131-FB-C-02	4.4	rpm
■ E-138 EP3 E2-HST-131-FB-C-01	4.4	rpm
■ E-138 EP3 E2-HT-149-ES-C-02	5.0	rpm
■ E-138 EP3 E2-HT-160-ES-C-01	5.0	rpm
Speed setpoint	10.9	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 3, p. 13.

Tab. 58: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
3 m/s	92.3	92.9	93.4	93.9	93.9	93.9	94.3	94.5
3.5 m/s	96.0	96.6	97.0	97.4	97.4	97.4	97.7	97.9
4 m/s	98.9	99.4	99.8	100.3	100.3	100.3	100.6	100.8
4.5 m/s	101.4	101.8	102.2	102.4	102.4	102.4	102.6	102.7
5 m/s	102.9	103.0	103.1	103.2	103.2	103.2	103.2	103.3
5.5 m/s	103.3	103.5	103.6	103.7	103.7	103.7	103.8	103.8
6 m/s	103.8	103.9	104.1	104.2	104.2	104.2	104.3	104.4
6.5 m/s	104.3	104.5	104.7	104.9	104.9	104.9	105.0	105.1
7 m/s	105.0	105.2	105.3	105.5	105.5	105.5	105.5	105.5
7.5 m/s	105.5	105.5	105.5	105.5	105.5	105.5	105.5	105.5
8 m/s	105.5	105.5	105.5	105.5	105.5	105.5	105.5	105.5

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
8.5 m/s	105.5	105.5	105.5	105.5	105.5	105.5	105.5	105.5
9 m/s	105.5	105.5	105.5	105.5	105.5	105.5	105.5	105.5
9.5 m/s	105.5	105.5	105.5	105.5	105.5	105.5	105.5	105.5
10 m/s	105.5	105.5	105.5	105.5	105.5	105.5	105.5	105.5
10.5 m/s	105.5	105.5	105.5	105.5	105.5	105.5	105.5	105.5
11 m/s	105.5	105.5	105.5	105.5	105.5	105.5	105.5	105.5
11.5 m/s	105.5	105.5	105.5	105.5	105.5	105.5	105.5	105.5
12 m/s	105.5	105.5	105.5	105.5	105.5	105.5	105.5	105.5
95 % P_n	105.5	105.5	105.5	105.5	105.5	105.5	105.5	105.5

Tab. 59: Calculated sound power level in dB(A) based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	96.6
5.5 m/s	98.6
6 m/s	100.5
6.5 m/s	102.1
7 m/s	102.9
7.5 m/s	103.2
8 m/s	103.6
8.5 m/s	103.9
9 m/s	104.3
9.5 m/s	104.7
10 m/s	105.2
10.5 m/s	105.5
11 m/s	105.5
11.5 m/s	105.5
12 m/s	105.5
12.5 m/s	105.5
13 m/s	105.5
13.5 m/s	105.5
14 m/s	105.5
14.5 m/s	105.5

Wind speed at hub height (v_H)	Sound power level in dB(A)
15 m/s	105.5

8.3 Octave band levels of the loudest condition

8.3.1 Octave band level HH

Tab. 60: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
10.5	75.5	87.2	92.9	95.8	98.2	99.6	100.1	95.0	79.1

8.3.2 Octave band level E-138 EP3 E2-ST-81-FB-C-01

Tab. 61: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
7.5	74.9	86.7	92.5	95.5	97.9	99.4	100.2	96.0	83.0

8.3.3 Octave band level E-138 EP3 E2-ST-96-FB-C-01

Tab. 62: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
7.5	75.1	86.8	92.5	95.5	97.9	99.5	100.3	95.9	82.0

8.3.4 Octave band level E-138 EP3 E2-ST-111-FB-C-01

Tab. 63: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
7.5	75.2	86.9	92.6	95.5	97.9	99.5	100.3	95.7	80.8

8.3.5 Octave band level E-138 EP3 E2-ST-131-FB-C-01

Tab. 64: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
7	75.4	87.1	92.9	95.8	98.2	99.6	100.0	94.8	79.0

8.3.6 Octave band level E-138 EP3 E2-ST-131-FB-C-02

Tab. 65: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
7	75.4	87.1	92.9	95.8	98.2	99.6	100.0	94.8	79.0

8.3.7 Octave band level E-138 EP3 E2-HST-131-FB-C-01

Tab. 66: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
7	75.4	87.1	92.9	95.8	98.2	99.6	100.0	94.8	79.0

8.3.8 Octave band level E-138 EP3 E2-HT-149-ES-C-02

Tab. 67: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
7	75.6	87.3	93.0	95.9	98.3	99.7	100.1	94.6	77.7

8.3.9 Octave band level E-138 EP3 E2-HT-160-ES-C-01

Tab. 68: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
7	75.7	87.4	93.1	96.0	98.3	99.7	100.1	94.4	76.9

9 Operating mode 3000 kW s

9.1 Calculated power, c_p and c_t values – operating mode 3000 kW s

Tab. 69: Calculated power, c_p and c_t values for E-138 EP3 E2 / 4200 kW – operating mode 3000 kW s

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	0	0.00	0.00
2.00	13	0.18	0.72
2.50	43	0.30	0.98
3.00	93	0.37	0.98
3.50	165	0.42	0.94
4.00	264	0.45	0.91
4.50	390	0.46	0.90
5.00	541	0.47	0.89
5.50	722	0.47	0.88
6.00	936	0.47	0.86
6.50	1183	0.47	0.84
7.00	1459	0.46	0.81
7.50	1751	0.45	0.77
8.00	2041	0.43	0.73
8.50	2308	0.41	0.68
9.00	2533	0.38	0.62
9.50	2706	0.34	0.55
10.00	2827	0.31	0.48
10.50	2905	0.27	0.42
11.00	2951	0.24	0.37
11.50	2977	0.21	0.32
12.00	2990	0.19	0.28
12.50	2997	0.17	0.24
13.00	2999	0.15	0.22
13.50	3000	0.13	0.19
14.00	3000	0.12	0.17
14.50	3000	0.11	0.15

Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.00	3000	0.10	0.14
15.50	3000	0.09	0.13
16.00	3000	0.08	0.12
16.50	3000	0.07	0.11
17.00	3000	0.07	0.10
17.50	3000	0.06	0.09
18.00	3000	0.06	0.08
18.50	3000	0.05	0.08
19.00	3000	0.05	0.07
19.50	3000	0.04	0.07
20.00	2996	0.04	0.06
20.50	2984	0.04	0.06
21.00	2961	0.04	0.05
21.50	2923	0.03	0.05
22.00	2865	0.03	0.05
22.50	2779	0.03	0.04
23.00	2665	0.02	0.04
23.50	2521	0.02	0.04
24.00	2349	0.02	0.03
24.50	2160	0.02	0.03
25.00	1750	0.01	0.02
25.50	1511	0.01	0.02
26.00	1289	0.01	0.02
26.50	1079	0.01	0.01
27.00	886	0.01	0.01
27.50	714	0.00	0.01
28.00	603	0.00	0.01

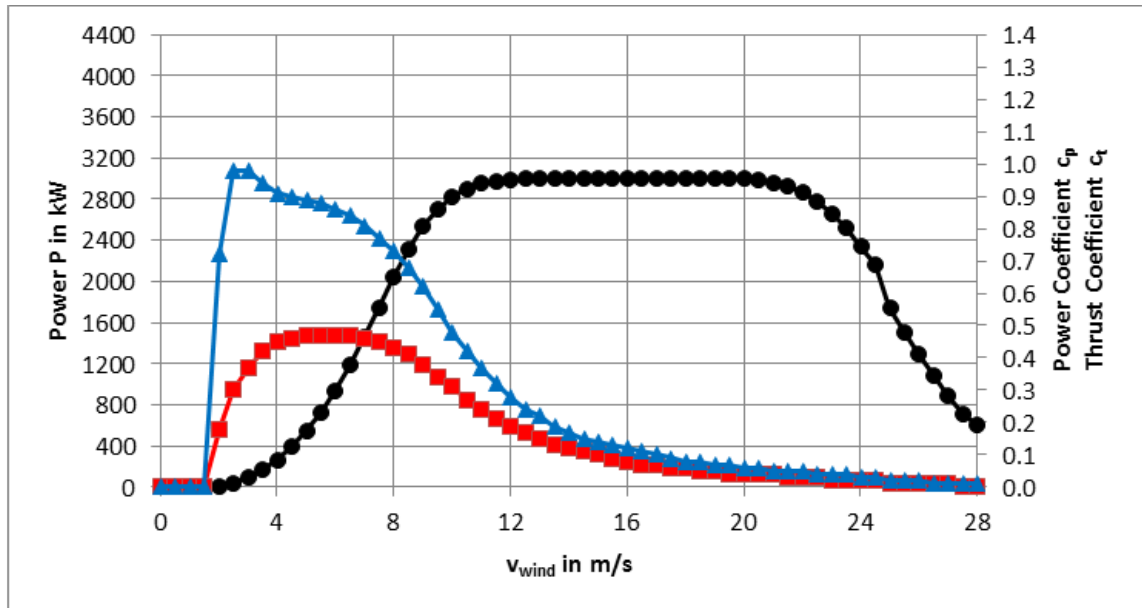


Fig. 6: Power, c_p and c_t curve for E-138 EP3 E2 / 4200 kW – operating mode 3000 kW s

◆—◆—◆	Power P in kW
▲—▲—▲	c_t value
■—■—■	c_p value

9.2 Calculated sound power levels – operating mode 3000 kW s

In operating mode 3000 kW s the wind energy converter operates with reduced power. The highest expected sound power level 105.2 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 70: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	3000	kW
Nominal wind speed	13.0	m/s
Minimum operating speed		
■ E-138 EP3 E2-ST-81-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-96-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-111-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-131-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-131-FB-C-02	4.4	rpm
■ E-138 EP3 E2-HST-131-FB-C-01	4.4	rpm
■ E-138 EP3 E2-HT-149-ES-C-02	5.0	rpm
■ E-138 EP3 E2-HT-160-ES-C-01	5.0	rpm
Speed setpoint	10.7	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 3, p. 13.

Tab. 71: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
3 m/s	92.3	92.9	93.4	93.9	93.9	93.9	94.3	94.5
3.5 m/s	96.0	96.6	97.0	97.4	97.4	97.4	97.7	97.9
4 m/s	98.9	99.4	99.8	100.3	100.3	100.3	100.6	100.8
4.5 m/s	101.4	101.8	102.2	102.4	102.4	102.4	102.6	102.7
5 m/s	102.9	103.0	103.1	103.2	103.2	103.2	103.2	103.3
5.5 m/s	103.3	103.5	103.6	103.8	103.8	103.8	104.0	104.1
6 m/s	104.0	104.3	104.4	104.6	104.6	104.6	104.8	104.8
6.5 m/s	104.8	105.0	105.1	105.2	105.2	105.2	105.2	105.2
7 m/s	105.2	105.2	105.2	105.2	105.2	105.2	105.2	105.2
7.5 m/s	105.2	105.2	105.2	105.2	105.2	105.2	105.2	105.2
8 m/s	105.2	105.2	105.2	105.2	105.2	105.2	105.2	105.2

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-13-1-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
8.5 m/s	105.2	105.2	105.2	105.2	105.2	105.2	105.2	105.2
9 m/s	105.2	105.2	105.2	105.2	105.2	105.2	105.2	105.2
9.5 m/s	105.2	105.2	105.2	105.2	105.2	105.2	105.2	105.2
10 m/s	105.2	105.2	105.2	105.2	105.2	105.2	105.2	105.2
10.5 m/s	105.2	105.2	105.2	105.2	105.2	105.2	105.2	105.2
11 m/s	105.2	105.2	105.2	105.2	105.2	105.2	105.2	105.2
11.5 m/s	105.2	105.2	105.2	105.2	105.2	105.2	105.2	105.2
12 m/s	105.2	105.2	105.2	105.2	105.2	105.2	105.2	105.2
95 % P_n	105.2	105.2	105.2	105.2	105.2	105.2	105.2	105.2

Tab. 72: Calculated sound power level in dB(A) based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	96.6
5.5 m/s	98.6
6 m/s	100.5
6.5 m/s	102.1
7 m/s	102.9
7.5 m/s	103.2
8 m/s	103.6
8.5 m/s	104.2
9 m/s	104.7
9.5 m/s	105.2
10 m/s	105.2
10.5 m/s	105.2
11 m/s	105.2
11.5 m/s	105.2
12 m/s	105.2
12.5 m/s	105.2
13 m/s	105.2
13.5 m/s	105.2
14 m/s	105.2
14.5 m/s	105.2

Wind speed at hub height (v_H)	Sound power level in dB(A)
15 m/s	105.2

9.3 Octave band levels of the loudest condition

9.3.1 Octave band level HH

Tab. 73: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
9.5	75.2	86.9	92.7	95.8	98.1	99.3	99.6	94.3	78.4

9.3.2 Octave band level E-138 EP3 E2-ST-81-FB-C-01

Tab. 74: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
7	74.8	86.5	92.2	95.2	97.6	99.1	99.9	95.7	82.7

9.3.3 Octave band level E-138 EP3 E2-ST-96-FB-C-01

Tab. 75: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
7	74.9	86.5	92.2	95.1	97.6	99.2	100.0	95.6	81.7

9.3.4 Octave band level E-138 EP3 E2-ST-111-FB-C-01

Tab. 76: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
7	75.0	86.7	92.3	95.2	97.6	99.2	100.0	95.4	80.5

9.3.5 Octave band level E-138 EP3 E2-ST-131-FB-C-01

Tab. 77: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6.5	75.2	86.9	92.6	95.6	98.0	99.3	99.7	94.5	78.6

9.3.6 Octave band level E-138 EP3 E2-ST-131-FB-C-02

Tab. 78: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6.5	75.2	86.9	92.6	95.6	98.0	99.3	99.7	94.5	78.6

9.3.7 Octave band level E-138 EP3 E2-HST-131-FB-C-01

Tab. 79: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6.5	75.2	86.9	92.6	95.6	98.0	99.3	99.7	94.5	78.6

9.3.8 Octave band level E-138 EP3 E2-HT-149-ES-C-02

Tab. 80: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6.5	75.4	87.1	92.8	95.6	98.0	99.4	99.7	94.2	77.3

9.3.9 Octave band level E-138 EP3 E2-HT-160-ES-C-01

Tab. 81: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6.5	75.5	87.1	92.8	95.7	98.0	99.4	99.7	94.1	76.5

10 Operating mode 2500 kW s

10.1 Calculated power, c_p and c_t values – operating mode 2500 kW s

Tab. 82: Calculated power, c_p and c_t values for E-138 EP3 E2 / 4200 kW – operating mode 2500 kW s

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	0	0.00	0.00
2.00	13	0.18	0.72
2.50	43	0.30	0.98
3.00	93	0.37	0.98
3.50	165	0.42	0.94
4.00	264	0.45	0.91
4.50	390	0.46	0.90
5.00	541	0.47	0.89
5.50	722	0.47	0.88
6.00	936	0.47	0.86
6.50	1180	0.47	0.84
7.00	1442	0.46	0.80
7.50	1703	0.44	0.75
8.00	1939	0.41	0.69
8.50	2134	0.38	0.62
9.00	2278	0.34	0.55
9.50	2375	0.30	0.47
10.00	2435	0.26	0.41
10.50	2468	0.23	0.35
11.00	2486	0.20	0.30
11.50	2495	0.18	0.26
12.00	2499	0.16	0.23
12.50	2500	0.14	0.20
13.00	2500	0.12	0.18
13.50	2500	0.11	0.16
14.00	2500	0.10	0.14
14.50	2500	0.09	0.13

Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.00	2500	0.08	0.12
15.50	2500	0.07	0.11
16.00	2500	0.07	0.10
16.50	2500	0.06	0.09
17.00	2500	0.06	0.08
17.50	2500	0.05	0.08
18.00	2500	0.05	0.07
18.50	2500	0.04	0.07
19.00	2500	0.04	0.06
19.50	2500	0.04	0.06
20.00	2498	0.03	0.05
20.50	2491	0.03	0.05
21.00	2475	0.03	0.05
21.50	2449	0.03	0.04
22.00	2407	0.02	0.04
22.50	2344	0.02	0.04
23.00	2259	0.02	0.04
23.50	2149	0.02	0.03
24.00	2016	0.02	0.03
24.50	1867	0.01	0.03
25.00	1533	0.01	0.02
25.50	1337	0.01	0.02
26.00	1148	0.01	0.02
26.50	966	0.01	0.01
27.00	797	0.00	0.01
27.50	645	0.00	0.01
28.00	550	0.00	0.01

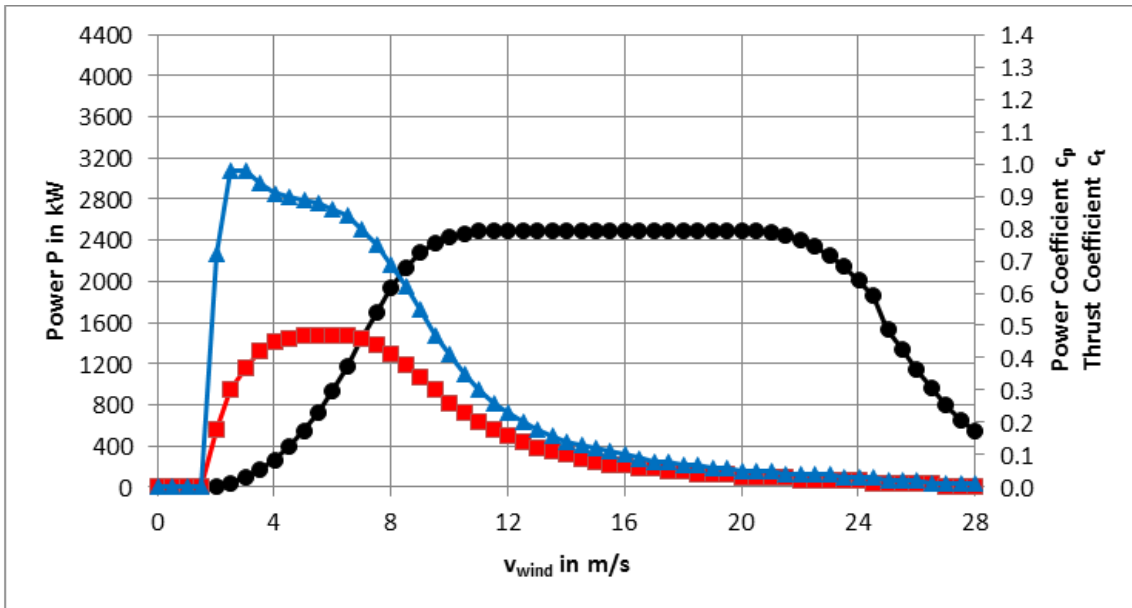


Fig. 7: Power, c_p and c_t curve for E-138 EP3 E2 / 4200 kW – operating mode 2500 kW s

	Power P in kW
	c_t value
	c_p value

10.2 Calculated sound power levels – operating mode 2500 kW s

In operating mode 2500 kW s the wind energy converter operates with reduced power. The highest expected sound power level 104.7 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 83: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	2500	kW
Nominal wind speed	12.0	m/s
Minimum operating speed		
■ E-138 EP3 E2-ST-81-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-96-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-111-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-131-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-131-FB-C-02	4.4	rpm
■ E-138 EP3 E2-HST-131-FB-C-01	4.4	rpm
■ E-138 EP3 E2-HT-149-ES-C-02	5.0	rpm
■ E-138 EP3 E2-HT-160-ES-C-01	5.0	rpm
Speed setpoint	10.5	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 3, p. 13.

Tab. 84: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
3 m/s	92.3	92.9	93.4	93.9	93.9	93.9	94.3	94.5
3.5 m/s	96.0	96.6	97.0	97.4	97.4	97.4	97.7	97.9
4 m/s	98.9	99.4	99.8	100.3	100.3	100.3	100.6	100.8
4.5 m/s	101.4	101.8	102.2	102.4	102.4	102.4	102.6	102.7
5 m/s	102.9	103.0	103.1	103.2	103.2	103.2	103.2	103.3
5.5 m/s	103.3	103.5	103.6	103.8	103.8	103.8	104.0	104.1
6 m/s	104.0	104.3	104.4	104.6	104.6	104.6	104.7	104.7
6.5 m/s	104.7	104.7	104.7	104.7	104.7	104.7	104.7	104.7
7 m/s	104.7	104.7	104.7	104.7	104.7	104.7	104.7	104.7
7.5 m/s	104.7	104.7	104.7	104.7	104.7	104.7	104.7	104.7
8 m/s	104.7	104.7	104.7	104.7	104.7	104.7	104.7	104.7

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
8.5 m/s	104.7	104.7	104.7	104.7	104.7	104.7	104.7	104.7
9 m/s	104.7	104.7	104.7	104.7	104.7	104.7	104.7	104.7
9.5 m/s	104.7	104.7	104.7	104.7	104.7	104.7	104.7	104.7
10 m/s	104.7	104.7	104.7	104.7	104.7	104.7	104.7	104.7
10.5 m/s	104.7	104.7	104.7	104.7	104.7	104.7	104.7	104.7
11 m/s	104.7	104.7	104.7	104.7	104.7	104.7	104.7	104.7
11.5 m/s	104.7	104.7	104.7	104.7	104.7	104.7	104.7	104.7
12 m/s	104.7	104.7	104.7	104.7	104.7	104.7	104.7	104.7
95 % P_n	104.7	104.7	104.7	104.7	104.7	104.7	104.7	104.7

Tab. 85: Calculated sound power level in dB(A) based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	96.6
5.5 m/s	98.6
6 m/s	100.5
6.5 m/s	102.1
7 m/s	102.9
7.5 m/s	103.2
8 m/s	103.6
8.5 m/s	104.2
9 m/s	104.7
9.5 m/s	104.7
10 m/s	104.7
10.5 m/s	104.7
11 m/s	104.7
11.5 m/s	104.7
12 m/s	104.7
12.5 m/s	104.7
13 m/s	104.7
13.5 m/s	104.7
14 m/s	104.7
14.5 m/s	104.7

Wind speed at hub height (v_H)	Sound power level in dB(A)
15 m/s	104.7

10.3 Octave band levels of the loudest condition

10.3.1 Octave band level HH

Tab. 86: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
9	74.8	86.5	92.1	95.1	97.5	98.8	99.3	94.1	78.2

10.3.2 Octave band level E-138 EP3 E2-ST-81-FB-C-01

Tab. 87: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6.5	74.3	86.0	91.7	94.7	97.1	98.6	99.4	95.3	82.2

10.3.3 Octave band level E-138 EP3 E2-ST-96-FB-C-01

Tab. 88: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6.5	74.4	86.1	91.7	94.6	97.1	98.7	99.5	95.1	81.1

10.3.4 Octave band level E-138 EP3 E2-ST-111-FB-C-01

Tab. 89: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6.5	74.6	86.2	91.8	94.6	97.1	98.7	99.5	94.9	79.9

10.3.5 Octave band level E-138 EP3 E2-ST-131-FB-C-01

Tab. 90: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6.5	74.7	86.3	91.9	94.7	97.1	98.8	99.5	94.5	78.3

10.3.6 Octave band level E-138 EP3 E2-ST-131-FB-C-02

Tab. 91: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6.5	74.7	86.3	91.9	94.7	97.1	98.8	99.5	94.5	78.3

10.3.7 Octave band level E-138 EP3 E2-HST-131-FB-C-01

Tab. 92: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6.5	74.7	86.3	91.9	94.7	97.1	98.8	99.5	94.5	78.3

10.3.8 Octave band level E-138 EP3 E2-HT-149-ES-C-02

Tab. 93: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6	75.0	86.6	92.3	95.2	97.5	98.8	99.2	93.7	76.7

10.3.9 Octave band level E-138 EP3 E2-HT-160-ES-C-01

Tab. 94: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6	75.0	86.7	92.3	95.2	97.5	98.9	99.2	93.5	75.9

11 Operating mode 2000 kW s

11.1 Calculated power, c_p and c_t values – operating mode 2000 kW s

Tab. 95: Calculated power, c_p and c_t values for E-138 EP3 E2 / 4200 kW – operating mode 2000 kW s

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	0	0.00	0.00
2.00	13	0.18	0.72
2.50	43	0.30	0.98
3.00	93	0.37	0.98
3.50	165	0.42	0.94
4.00	264	0.45	0.91
4.50	390	0.46	0.90
5.00	541	0.47	0.89
5.50	722	0.47	0.88
6.00	932	0.47	0.86
6.50	1158	0.46	0.83
7.00	1383	0.44	0.77
7.50	1583	0.41	0.71
8.00	1740	0.37	0.62
8.50	1851	0.33	0.54
9.00	1922	0.29	0.46
9.50	1962	0.25	0.39
10.00	1984	0.22	0.33
10.50	1994	0.19	0.28
11.00	1998	0.16	0.24
11.50	2000	0.14	0.21
12.00	2000	0.13	0.18
12.50	2000	0.11	0.16
13.00	2000	0.10	0.14
13.50	2000	0.09	0.13
14.00	2000	0.08	0.12
14.50	2000	0.07	0.11

Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.00	2000	0.06	0.10
15.50	2000	0.06	0.09
16.00	2000	0.05	0.08
16.50	2000	0.05	0.07
17.00	2000	0.04	0.07
17.50	2000	0.04	0.06
18.00	2000	0.04	0.06
18.50	2000	0.03	0.05
19.00	2000	0.03	0.05
19.50	2000	0.03	0.05
20.00	1999	0.03	0.05
20.50	1995	0.03	0.04
21.00	1985	0.02	0.04
21.50	1968	0.02	0.04
22.00	1941	0.02	0.04
22.50	1898	0.02	0.03
23.00	1839	0.02	0.03
23.50	1761	0.02	0.03
24.00	1664	0.01	0.03
24.50	1554	0.01	0.02
25.00	1297	0.01	0.02
25.50	1148	0.01	0.02
26.00	992	0.01	0.01
26.50	840	0.01	0.01
27.00	697	0.00	0.01
27.50	567	0.00	0.01
28.00	490	0.00	0.01

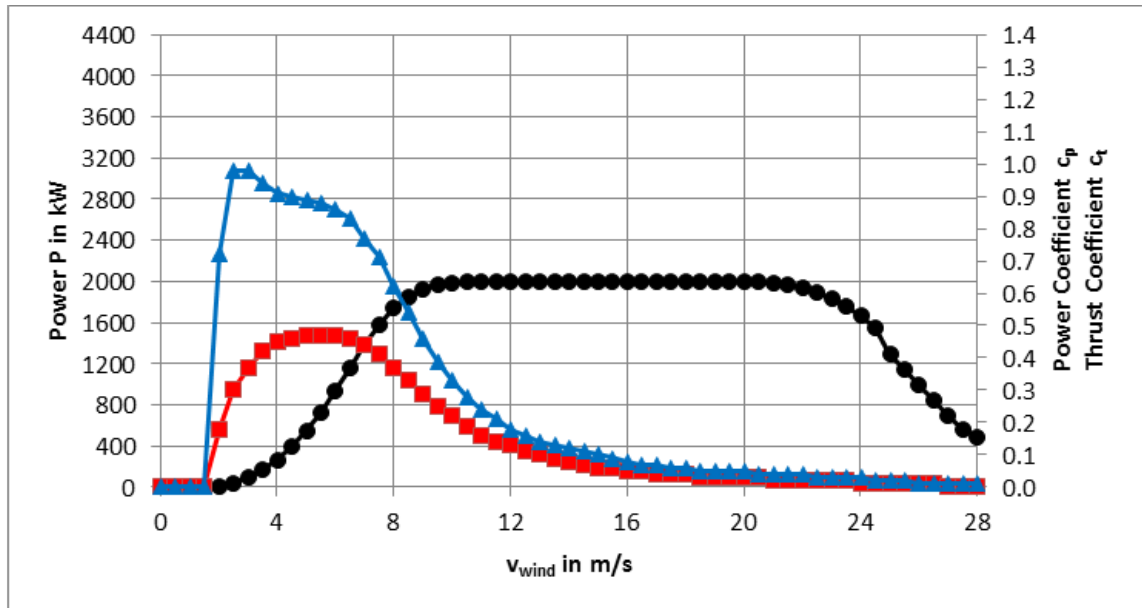
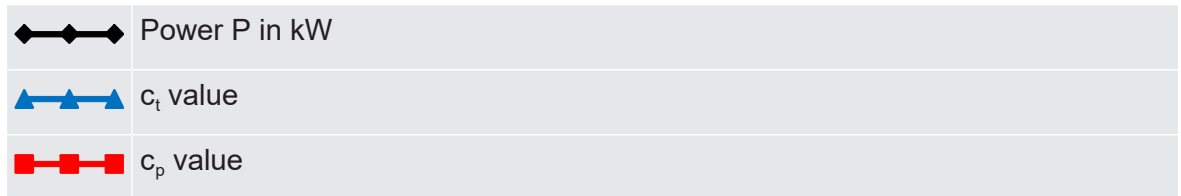


Fig. 8: Power, c_p and c_t curve for E-138 EP3 E2 / 4200 kW – operating mode 2000 kW s



11.2 Calculated sound power levels – operating mode 2000 kW s

In operating mode 2000 kW s the wind energy converter operates with reduced power. The highest expected sound power level 104.2 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 96: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	2000	kW
Nominal wind speed	11.0	m/s
Minimum operating speed		
■ E-138 EP3 E2-ST-81-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-96-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-111-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-131-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-131-FB-C-02	4.4	rpm
■ E-138 EP3 E2-HST-131-FB-C-01	4.4	rpm
■ E-138 EP3 E2-HT-149-ES-C-02	5.0	rpm
■ E-138 EP3 E2-HT-160-ES-C-01	5.0	rpm
Speed setpoint	10.3	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 3, p. 13.

Tab. 97: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
3 m/s	92.3	92.9	93.4	93.9	93.9	93.9	94.3	94.5
3.5 m/s	96.0	96.6	97.0	97.4	97.4	97.4	97.7	97.9
4 m/s	98.9	99.4	99.8	100.3	100.3	100.3	100.6	100.8
4.5 m/s	101.4	101.8	102.2	102.4	102.4	102.4	102.6	102.7
5 m/s	102.9	103.0	103.1	103.2	103.2	103.2	103.2	103.3
5.5 m/s	103.4	103.5	103.6	103.8	103.8	103.8	104.0	104.1
6 m/s	104.0	104.2	104.2	104.2	104.2	104.2	104.2	104.2
6.5 m/s	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2
7 m/s	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2
7.5 m/s	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2
8 m/s	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
8.5 m/s	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2
9 m/s	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2
9.5 m/s	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2
10 m/s	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2
10.5 m/s	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2
11 m/s	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2
11.5 m/s	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2
12 m/s	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2
95 % P_n	104.2	104.2	104.2	104.2	104.2	104.2	104.2	104.2

Tab. 98: Calculated sound power level in dB(A) based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	96.6
5.5 m/s	98.6
6 m/s	100.5
6.5 m/s	102.1
7 m/s	102.9
7.5 m/s	103.2
8 m/s	103.6
8.5 m/s	104.2
9 m/s	104.2
9.5 m/s	104.2
10 m/s	104.2
10.5 m/s	104.2
11 m/s	104.2
11.5 m/s	104.2
12 m/s	104.2
12.5 m/s	104.2
13 m/s	104.2
13.5 m/s	104.2
14 m/s	104.2
14.5 m/s	104.2

Wind speed at hub height (v_H)	Sound power level in dB(A)
15 m/s	104.2

11.3 Octave band levels of the loudest condition

11.3.1 Octave band level HH

Tab. 99: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
8.5	74.3	85.9	91.5	94.3	96.8	98.3	98.9	93.9	77.7

11.3.2 Octave band level E-138 EP3 E2-ST-81-FB-C-01

Tab. 100: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6.5	73.7	85.3	90.8	93.5	96.2	98.1	99.3	95.3	81.6

11.3.3 Octave band level E-138 EP3 E2-ST-96-FB-C-01

Tab. 101: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6	74.0	85.6	91.2	94.0	96.5	98.2	99.0	94.7	80.5

11.3.4 Octave band level E-138 EP3 E2-ST-111-FB-C-01

Tab. 102: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6	74.1	85.7	91.3	94.0	96.5	98.2	99.0	94.5	79.3

11.3.5 Octave band level E-138 EP3 E2-ST-131-FB-C-01

Tab. 103: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6	74.2	85.8	91.4	94.1	96.6	98.3	99.0	94.1	77.7

11.3.6 Octave band level E-138 EP3 E2-ST-131-FB-C-02

Tab. 104: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6	74.2	85.8	91.4	94.1	96.6	98.3	99.0	94.1	77.7

11.3.7 Octave band level E-138 EP3 E2-HST-131-FB-C-01

Tab. 105: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6	74.2	85.8	91.4	94.1	96.6	98.3	99.0	94.1	77.7

11.3.8 Octave band level E-138 EP3 E2-HT-149-ES-C-02

Tab. 106: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6	74.4	86.0	91.4	94.1	96.6	98.3	99.1	93.8	76.1

11.3.9 Octave band level E-138 EP3 E2-HT-160-ES-C-01

Tab. 107: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6	74.4	86.0	91.5	94.1	96.6	98.4	99.1	93.6	75.2

12 Operating mode 1500 kW s

12.1 Calculated power, c_p and c_t values – operating mode 1500 kW s

Tab. 108: Calculated power, c_p and c_t values for E-138 EP3 E2 / 4200 kW – operating mode 1500 kW s

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	0	0.00	0.00
2.00	13	0.18	0.72
2.50	43	0.30	0.98
3.00	93	0.37	0.98
3.50	165	0.42	0.94
4.00	264	0.45	0.91
4.50	391	0.46	0.90
5.00	540	0.47	0.89
5.50	714	0.46	0.87
6.00	899	0.45	0.83
6.50	1077	0.42	0.77
7.00	1228	0.39	0.68
7.50	1340	0.34	0.59
8.00	1414	0.30	0.50
8.50	1458	0.26	0.41
9.00	1481	0.22	0.35
9.50	1493	0.19	0.29
10.00	1498	0.16	0.25
10.50	1500	0.14	0.21
11.00	1500	0.12	0.18
11.50	1500	0.11	0.16
12.00	1500	0.09	0.14
12.50	1500	0.08	0.13
13.00	1500	0.07	0.11
13.50	1500	0.07	0.10
14.00	1500	0.06	0.09
14.50	1500	0.05	0.08

Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.00	1500	0.05	0.08
15.50	1500	0.04	0.07
16.00	1500	0.04	0.06
16.50	1500	0.04	0.06
17.00	1500	0.03	0.05
17.50	1500	0.03	0.05
18.00	1500	0.03	0.05
18.50	1500	0.03	0.04
19.00	1500	0.02	0.04
19.50	1500	0.02	0.04
20.00	1500	0.02	0.04
20.50	1499	0.02	0.03
21.00	1495	0.02	0.03
21.50	1487	0.02	0.03
22.00	1474	0.02	0.03
22.50	1451	0.01	0.03
23.00	1418	0.01	0.03
23.50	1372	0.01	0.02
24.00	1311	0.01	0.02
24.50	1239	0.01	0.02
25.00	1060	0.01	0.02
25.50	957	0.01	0.02
26.00	836	0.01	0.01
26.50	713	0.00	0.01
27.00	596	0.00	0.01
27.50	488	0.00	0.01
28.00	430	0.00	0.01

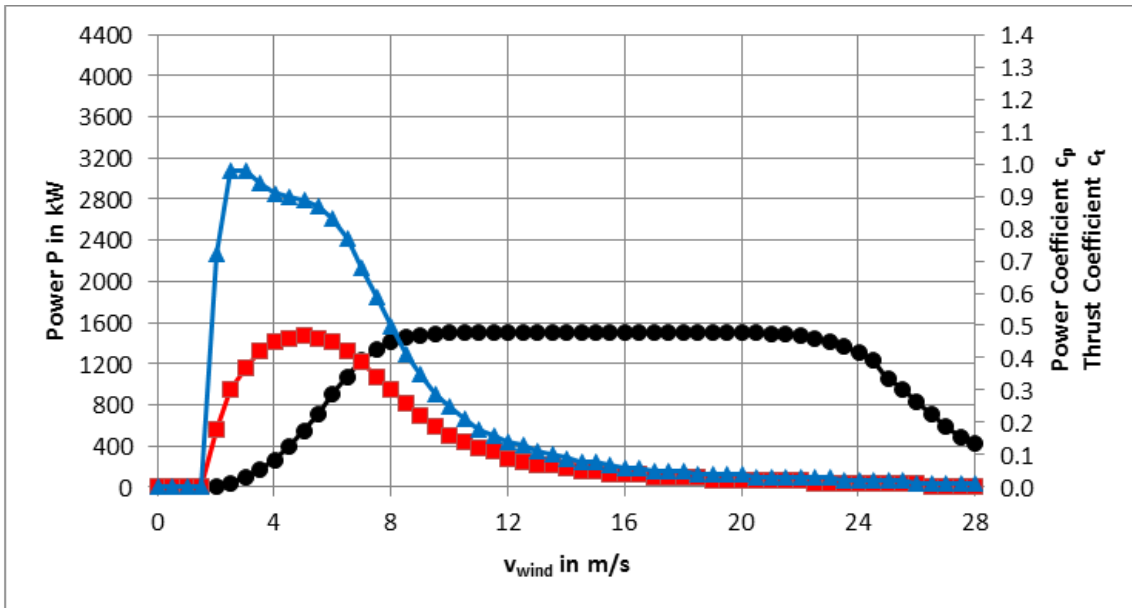


Fig. 9: Power, c_p and c_t curve for E-138 EP3 E2 / 4200 kW – operating mode 1500 kW s

	Power P in kW
	c_t value
	c_p value

12.2 Calculated sound power levels – operating mode 1500 kW s

In operating mode 1500 kW s the wind energy converter operates with reduced power. The highest expected sound power level 103.5 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 109: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	1500	kW
Nominal wind speed	10.0	m/s
Minimum operating speed		
■ E-138 EP3 E2-ST-81-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-96-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-111-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-131-FB-C-01	-	rpm
■ E-138 EP3 E2-ST-131-FB-C-02	-	rpm
■ E-138 EP3 E2-HST-131-FB-C-01	-	rpm
■ E-138 EP3 E2-HT-149-ES-C-02	5.0	rpm
■ E-138 EP3 E2-HT-160-ES-C-01	5.0	rpm
Speed setpoint	10.0	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 3, p. 13.

Tab. 110: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
3 m/s	92.3	92.9	93.4	-	-	-	94.3	94.5
3.5 m/s	96.0	96.6	97.0	-	-	-	97.7	97.9
4 m/s	98.9	99.4	99.8	-	-	-	100.6	100.8
4.5 m/s	101.4	101.8	102.2	-	-	-	102.6	102.7
5 m/s	102.9	103.0	103.2	-	-	-	103.5	103.5
5.5 m/s	103.5	103.5	103.5	-	-	-	103.5	103.5
6 m/s	103.5	103.5	103.5	-	-	-	103.5	103.5
6.5 m/s	103.5	103.5	103.5	-	-	-	103.5	103.5
7 m/s	103.5	103.5	103.5	-	-	-	103.5	103.5
7.5 m/s	103.5	103.5	103.5	-	-	-	103.5	103.5
8 m/s	103.5	103.5	103.5	-	-	-	103.5	103.5

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
8.5 m/s	103.5	103.5	103.5	-	-	-	103.5	103.5
9 m/s	103.5	103.5	103.5	-	-	-	103.5	103.5
9.5 m/s	103.5	103.5	103.5	-	-	-	103.5	103.5
10 m/s	103.5	103.5	103.5	-	-	-	103.5	103.5
10.5 m/s	103.5	103.5	103.5	-	-	-	103.5	103.5
11 m/s	103.5	103.5	103.5	-	-	-	103.5	103.5
11.5 m/s	103.5	103.5	103.5	-	-	-	103.5	103.5
12 m/s	103.5	103.5	103.5	-	-	-	103.5	103.5
95 % P_n	103.5	103.5	103.5	-	-	-	103.5	103.5

Tab. 111: Calculated sound power level in dB(A) based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	96.6
5.5 m/s	98.6
6 m/s	100.5
6.5 m/s	102.1
7 m/s	102.9
7.5 m/s	103.5
8 m/s	103.5
8.5 m/s	103.5
9 m/s	103.5
9.5 m/s	103.5
10 m/s	103.5
10.5 m/s	103.5
11 m/s	103.5
11.5 m/s	103.5
12 m/s	103.5
12.5 m/s	103.5
13 m/s	103.5
13.5 m/s	103.5
14 m/s	103.5
14.5 m/s	103.5

Wind speed at hub height (v_H)	Sound power level in dB(A)
15 m/s	103.5

12.3 Octave band levels of the loudest condition

12.3.1 Octave band level HH

Tab. 112: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
7.5	73.7	85.2	90.8	93.7	96.1	97.6	98.1	93.1	76.9

12.3.2 Octave band level E-138 EP3 E2-ST-81-FB-C-01

Tab. 113: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5.5	73.2	84.8	90.3	93.2	95.7	97.4	98.4	94.4	80.9

12.3.3 Octave band level E-138 EP3 E2-ST-96-FB-C-01

Tab. 114: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5.5	73.3	84.8	90.4	93.1	95.7	97.5	98.4	94.2	79.7

12.3.4 Octave band level E-138 EP3 E2-ST-111-FB-C-01

Tab. 115: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5.5	73.4	84.9	90.4	93.1	95.7	97.5	98.5	93.9	78.4

12.3.5 Octave band level E-138 EP3 E2-ST-131-FB-C-01

Tab. 116: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
-	-	-	-	-	-	-	-	-	-

12.3.6 Octave band level E-138 EP3 E2-ST-131-FB-C-02

Tab. 117: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
-	-	-	-	-	-	-	-	-	-

12.3.7 Octave band level E-138 EP3 E2-HST-131-FB-C-01

Tab. 118: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
-	-	-	-	-	-	-	-	-	-

12.3.8 Octave band level E-138 EP3 E2-HT-149-ES-C-02

Tab. 119: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5	73.9	85.4	91.0	93.8	96.2	97.6	98.1	92.7	75.5

12.3.9 Octave band level E-138 EP3 E2-HT-160-ES-C-01

Tab. 120: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5	73.9	85.5	91.1	93.8	96.2	97.7	98.1	92.6	74.6

13 Operating mode 1000 kW s

13.1 Calculated power, c_p and c_t values – operating mode 1000 kW s

 Tab. 121: Calculated power, c_p and c_t values for E-138 EP3 E2 / 4200 kW – operating mode 1000 kW s

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	0	0.00	0.00
2.00	13	0.18	0.72
2.50	43	0.30	0.98
3.00	93	0.37	0.98
3.50	165	0.42	0.94
4.00	264	0.45	0.91
4.50	388	0.46	0.90
5.00	523	0.45	0.86
5.50	660	0.43	0.80
6.00	781	0.39	0.72
6.50	872	0.34	0.61
7.00	933	0.29	0.51
7.50	968	0.25	0.42
8.00	987	0.21	0.34
8.50	995	0.18	0.28
9.00	999	0.15	0.23
9.50	1000	0.13	0.20
10.00	1000	0.11	0.17
10.50	1000	0.09	0.15
11.00	1000	0.08	0.13
11.50	1000	0.07	0.11
12.00	1000	0.06	0.10
12.50	1000	0.06	0.09
13.00	1000	0.05	0.08
13.50	1000	0.04	0.07
14.00	1000	0.04	0.07
14.50	1000	0.04	0.06

Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.00	1000	0.03	0.06
15.50	1000	0.03	0.05
16.00	1000	0.03	0.05
16.50	1000	0.02	0.04
17.00	1000	0.02	0.04
17.50	1000	0.02	0.04
18.00	1000	0.02	0.04
18.50	1000	0.02	0.03
19.00	1000	0.02	0.03
19.50	1000	0.02	0.03
20.00	1000	0.01	0.03
20.50	1000	0.01	0.03
21.00	999	0.01	0.03
21.50	998	0.01	0.02
22.00	994	0.01	0.02
22.50	986	0.01	0.02
23.00	972	0.01	0.02
23.50	952	0.01	0.02
24.00	923	0.01	0.02
24.50	884	0.01	0.02
25.00	782	0.01	0.01
25.50	727	0.01	0.01
26.00	644	0.00	0.01
26.50	556	0.00	0.01
27.00	469	0.00	0.01
27.50	387	0.00	0.01
28.00	351	0.00	0.01

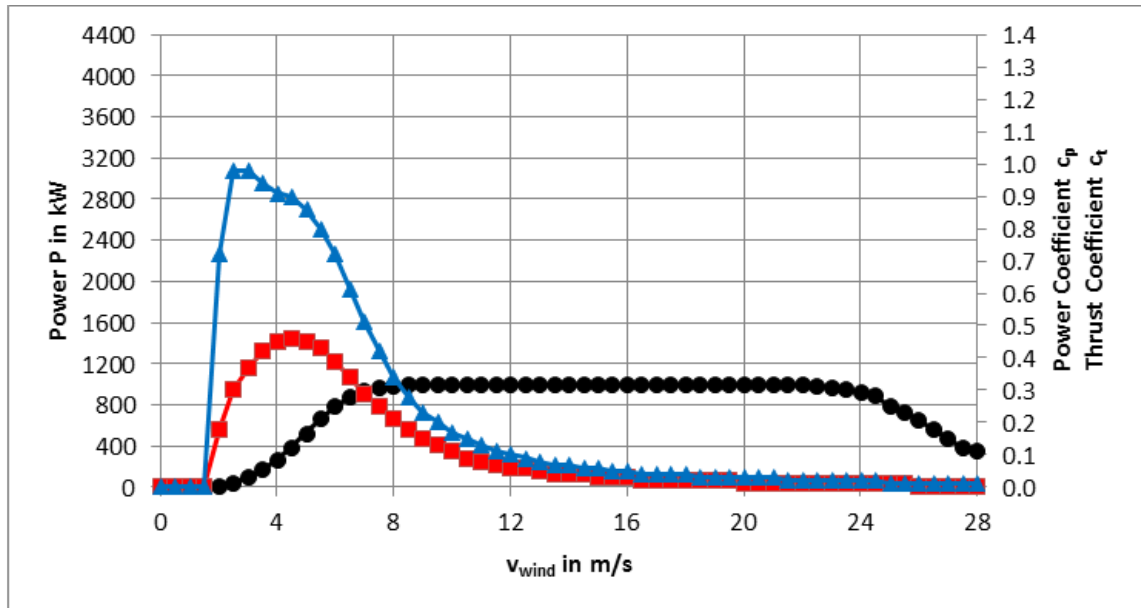


Fig. 10: Power, c_p and c_t curve for E-138 EP3 E2 / 4200 kW – operating mode 1000 kW s

	Power P in kW
	c_t value
	c_p value

13.2 Calculated sound power levels – operating mode 1000 kW s

In operating mode 1000 kW s the wind energy converter operates with reduced power. The highest expected sound power level 102.3 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 122: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	1000	kW
Nominal wind speed	9.0	m/s
Minimum operating speed		
■ E-138 EP3 E2-ST-81-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-96-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-111-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-131-FB-C-01	-	rpm
■ E-138 EP3 E2-ST-131-FB-C-02	-	rpm
■ E-138 EP3 E2-HST-131-FB-C-01	-	rpm
■ E-138 EP3 E2-HT-149-ES-C-02	5.0	rpm
■ E-138 EP3 E2-HT-160-ES-C-01	5.0	rpm
Speed setpoint	9.4	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 3, p. 13.

Tab. 123: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
3 m/s	92.3	92.9	93.4	-	-	-	94.3	94.5
3.5 m/s	96.0	96.6	97.0	-	-	-	97.7	97.9
4 m/s	98.9	99.4	99.8	-	-	-	100.6	100.8
4.5 m/s	101.4	101.8	102.1	-	-	-	102.2	102.2
5 m/s	102.3	102.3	102.3	-	-	-	102.3	102.3
5.5 m/s	102.3	102.3	102.3	-	-	-	102.3	102.3
6 m/s	102.3	102.3	102.3	-	-	-	102.3	102.3
6.5 m/s	102.3	102.3	102.3	-	-	-	102.3	102.3
7 m/s	102.3	102.3	102.3	-	-	-	102.3	102.3
7.5 m/s	102.3	102.3	102.3	-	-	-	102.3	102.3
8 m/s	102.3	102.3	102.3	-	-	-	102.3	102.3

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-13-1-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
8.5 m/s	102.3	102.3	102.3	-	-	-	102.3	102.3
9 m/s	102.3	102.3	102.3	-	-	-	102.3	102.3
9.5 m/s	102.3	102.3	102.3	-	-	-	102.3	102.3
10 m/s	102.3	102.3	102.3	-	-	-	102.3	102.3
10.5 m/s	102.3	102.3	102.3	-	-	-	102.3	102.3
11 m/s	102.3	102.3	102.3	-	-	-	102.3	102.3
11.5 m/s	102.3	102.3	102.3	-	-	-	102.3	102.3
12 m/s	102.3	102.3	102.3	-	-	-	102.3	102.3
95 % P_n	102.3	102.3	102.3	-	-	-	102.3	102.3

Tab. 124: Calculated sound power level in dB(A) based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	96.6
5.5 m/s	98.6
6 m/s	100.5
6.5 m/s	102.1
7 m/s	102.3
7.5 m/s	102.3
8 m/s	102.3
8.5 m/s	102.3
9 m/s	102.3
9.5 m/s	102.3
10 m/s	102.3
10.5 m/s	102.3
11 m/s	102.3
11.5 m/s	102.3
12 m/s	102.3
12.5 m/s	102.3
13 m/s	102.3
13.5 m/s	102.3
14 m/s	102.3
14.5 m/s	102.3

Wind speed at hub height (v_H)	Sound power level in dB(A)
15 m/s	102.3

13.3 Octave band levels of the loudest condition

13.3.1 Octave band level HH

Tab. 125: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
7	72.7	84.0	89.5	92.1	94.6	96.4	97.3	92.2	75.3

13.3.2 Octave band level E-138 EP3 E2-ST-81-FB-C-01

Tab. 126: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5	72.2	83.5	89.0	91.7	94.3	96.1	97.4	93.3	79.3

13.3.3 Octave band level E-138 EP3 E2-ST-96-FB-C-01

Tab. 127: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5	72.3	83.6	89.0	91.7	94.3	96.2	97.4	92.9	77.8

13.3.4 Octave band level E-138 EP3 E2-ST-111-FB-C-01

Tab. 128: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5	72.4	83.7	89.1	91.7	94.3	96.3	97.5	92.5	76.4

13.3.5 Octave band level E-138 EP3 E2-ST-131-FB-C-01

Tab. 129: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
-	-	-	-	-	-	-	-	-	-

13.3.6 Octave band level E-138 EP3 E2-ST-131-FB-C-02

Tab. 130: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
-	-	-	-	-	-	-	-	-	-

13.3.7 Octave band level E-138 EP3 E2-HST-131-FB-C-01

Tab. 131: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
-	-	-	-	-	-	-	-	-	-

13.3.8 Octave band level E-138 EP3 E2-HT-149-ES-C-02

Tab. 132: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5	72.6	83.9	89.3	91.8	94.4	96.5	97.6	91.6	72.9

13.3.9 Octave band level E-138 EP3 E2-HT-160-ES-C-01

Tab. 133: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
5	72.7	84.0	89.3	91.8	94.4	96.5	97.6	91.3	72.0

14 Operating mode 500 kW s

14.1 Calculated power, c_p and c_t values – operating mode 500 kW s

Tab. 134: Calculated power, c_p and c_t values for E-138 EP3 E2 / 4200 kW – operating mode 500 kW s

Wind speed v in m/s	Power P in kW	c_p value	c_t value
0.00	0	0.00	0.00
0.50	0	0.00	0.00
1.00	0	0.00	0.00
1.50	0	0.00	0.00
2.00	13	0.18	0.72
2.50	43	0.30	0.98
3.00	93	0.37	0.98
3.50	165	0.42	0.93
4.00	254	0.43	0.88
4.50	337	0.40	0.78
5.00	405	0.35	0.66
5.50	452	0.29	0.54
6.00	478	0.24	0.42
6.50	492	0.19	0.33
7.00	497	0.16	0.26
7.50	499	0.13	0.21
8.00	500	0.11	0.17
8.50	500	0.09	0.14
9.00	500	0.07	0.12
9.50	500	0.06	0.11
10.00	500	0.05	0.09
10.50	500	0.05	0.08
11.00	500	0.04	0.07
11.50	500	0.04	0.06
12.00	500	0.03	0.06
12.50	500	0.03	0.05
13.00	500	0.03	0.05
13.50	500	0.02	0.04
14.00	500	0.02	0.04
14.50	500	0.02	0.04

Wind speed v in m/s	Power P in kW	c_p value	c_t value
15.00	500	0.02	0.03
15.50	500	0.02	0.03
16.00	500	0.01	0.03
16.50	500	0.01	0.03
17.00	500	0.01	0.02
17.50	500	0.01	0.02
18.00	500	0.01	0.02
18.50	500	0.01	0.02
19.00	500	0.01	0.02
19.50	500	0.01	0.02
20.00	500	0.01	0.02
20.50	500	0.01	0.02
21.00	500	0.01	0.02
21.50	500	0.01	0.02
22.00	500	0.01	0.02
22.50	498	0.01	0.01
23.00	495	0.00	0.01
23.50	489	0.00	0.01
24.00	479	0.00	0.01
24.50	463	0.00	0.01
25.00	419	0.00	0.01
25.50	412	0.00	0.01
26.00	369	0.00	0.01
26.50	321	0.00	0.01
27.00	271	0.00	0.01
27.50	223	0.00	0.01
28.00	218	0.00	0.00

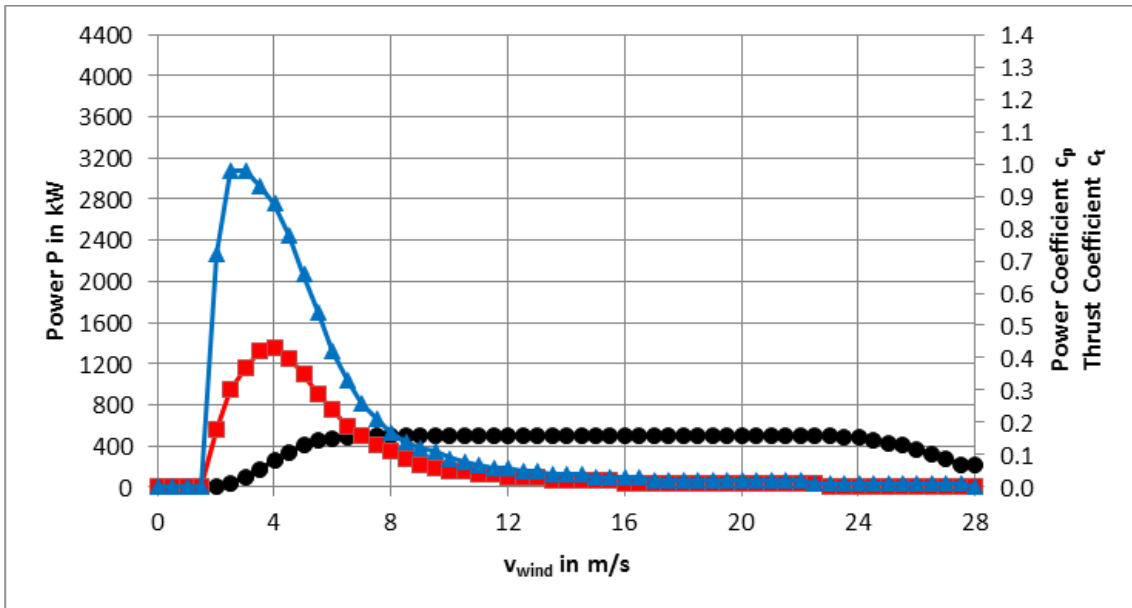


Fig. 11: Power, c_p and c_t curve for E-138 EP3 E2 / 4200 kW – operating mode 500 kW s

	Power P in kW
	c_t value
	c_p value

14.2 Calculated sound power levels – operating mode 500 kW s

In operating mode 500 kW s the wind energy converter operates with reduced power. The highest expected sound power level 98.0 dB(A) in the nominal power range. After reaching the nominal power, the sound power level will not increase further.

Tab. 135: Technical specifications

Parameter	Value	Unit
Nominal power (P_n)	500	kW
Nominal wind speed	7.5	m/s
Minimum operating speed		
■ E-138 EP3 E2-ST-81-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-96-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-111-FB-C-01	5.0	rpm
■ E-138 EP3 E2-ST-131-FB-C-01	4.4	rpm
■ E-138 EP3 E2-ST-131-FB-C-02	4.4	rpm
■ E-138 EP3 E2-HST-131-FB-C-01	4.4	rpm
■ E-138 EP3 E2-HT-149-ES-C-02	5.0	rpm
■ E-138 EP3 E2-HT-160-ES-C-01	5.0	rpm
Speed setpoint	7.7	rpm

The following sound power levels apply, taking into account the specified uncertainties in ch. 3, p. 13.

Tab. 136: Calculated sound power level in dB(A), based on standardised wind speed v_s at a height of 10 m

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
3 m/s	92.3	92.9	93.4	93.9	93.9	93.9	94.3	94.5
3.5 m/s	96.0	96.6	96.8	97.1	97.1	97.1	97.3	97.4
4 m/s	97.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0
4.5 m/s	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
5 m/s	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
5.5 m/s	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
6 m/s	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
6.5 m/s	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
7 m/s	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
7.5 m/s	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
8 m/s	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

Wind speed (v_s) at a height of 10 m	Sound power level in dB(A)							
	E-138 EP3 E2-ST-81-FB-C-01	E-138 EP3 E2-ST-96-FB-C-01	E-138 EP3 E2-ST-111-FB-C-01	E-138 EP3 E2-ST-131-FB-C-01	E-138 EP3 E2-ST-131-FB-C-02	E-138 EP3 E2-HST-131-FB-C-01	E-138 EP3 E2-HT-149-ES-C-02	E-138 EP3 E2-HT-160-ES-C-01
8.5 m/s	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
9 m/s	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
9.5 m/s	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
10 m/s	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
10.5 m/s	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
11 m/s	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
11.5 m/s	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
12 m/s	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
95 % P_n	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0

Tab. 137: Calculated sound power level in dB(A) based on wind speed at hub height

Wind speed at hub height (v_H)	Sound power level in dB(A)
5 m/s	96.6
5.5 m/s	97.8
6 m/s	98.0
6.5 m/s	98.0
7 m/s	98.0
7.5 m/s	98.0
8 m/s	98.0
8.5 m/s	98.0
9 m/s	98.0
9.5 m/s	98.0
10 m/s	98.0
10.5 m/s	98.0
11 m/s	98.0
11.5 m/s	98.0
12 m/s	98.0
12.5 m/s	98.0
13 m/s	98.0
13.5 m/s	98.0
14 m/s	98.0
14.5 m/s	98.0

Wind speed at hub height (v_H)	Sound power level in dB(A)
15 m/s	98.0

14.3 Octave band levels of the loudest condition

14.3.1 Octave band level HH

Tab. 138: Octave band level in dB(A), based on wind speed v_H at hub height

v_H in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
6	69.3	80.2	85.5	88.0	90.3	92.0	93.0	87.4	69.9

14.3.2 Octave band level E-138 EP3 E2-ST-81-FB-C-01

Tab. 139: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
4.5	68.8	79.7	84.9	87.5	89.9	91.9	93.3	88.3	73.5

14.3.3 Octave band level E-138 EP3 E2-ST-96-FB-C-01

Tab. 140: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
4.5	68.8	79.7	85.0	87.5	90.0	92.0	93.2	87.8	72.0

14.3.4 Octave band level E-138 EP3 E2-ST-111-FB-C-01

Tab. 141: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
4.5	69.0	79.9	85.1	87.6	90.1	92.1	93.2	87.4	70.8

14.3.5 Octave band level E-138 EP3 E2-ST-131-FB-C-01

Tab. 142: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
4	69.3	80.2	85.5	88.0	90.3	92.0	92.9	87.4	69.9

14.3.6 Octave band level E-138 EP3 E2-ST-131-FB-C-02

Tab. 143: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
4	69.3	80.2	85.5	88.0	90.3	92.0	92.9	87.4	69.9

14.3.7 Octave band level E-138 EP3 E2-HST-131-FB-C-01

Tab. 144: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
4	69.3	80.2	85.5	88.0	90.3	92.0	92.9	87.4	69.9

14.3.8 Octave band level E-138 EP3 E2-HT-149-ES-C-02

Tab. 145: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
4	69.4	80.3	85.6	88.1	90.4	92.1	93.0	87.0	68.4

14.3.9 Octave band level E-138 EP3 E2-HT-160-ES-C-01

Tab. 146: Octave band level in dB(A), based on standardised wind speed v_s at a height of 10 m

v_s at a height of 10 m in m/s	Octave band level centre frequency in Hz								
	31.5	63	125	250	500	1000	2000	4000	8000
4	69.5	80.4	85.6	88.1	90.4	92.1	92.9	86.7	67.4

-3-

RESULTATS DES CALCULS SONORES

DECIBEL - Principaux résultats

Calcul: 3 - Calcul sonore "parc en service" et projet Viapres

Modèle utilisé pour les calculs de bruit:
ISO 9613-2 France 2006

Vit. vent (à 10m de hauteur):

4,0 m/s - 9,0 m/s, par pas de 1,0 m/s

Atténuation du sol:

Générale, dureté uniforme, Dureté sol: 0,7

Coefficient météorologique, CO:

0,0 dB

Type de contrainte utilisée pour le calcul:

2 : L'émergence due aux éol. est comparée à l'émergence réglementaire (FR)

Expression des niveaux de bruit utilisées dans les calculs:

Toutes les valeurs sont des niveaux moy. Lwa (distri. normale)

Prise en compte des tons isolés:

En augmentant la contrainte par la pénalité pour tons isolés

Bibliothèque d'éoliennes

Hauteur en l'absence de valeur dans l'objet

Zone-bruit-réglémenté:

1,5 m; Interdire de substituer la hauteur définie dans le modèle par celle de l'objet

Marge liée à l'incertitude (ajoutée au résultat principal):

0,0 dB; Marge liée à l'incertitude des objets Zone-bruit-réglémentée en priorité

Modification de la contrainte réglementaire : plus restrictive si < 0, moins restrictive si > 0.:

0,0 dB(A)



Echelle 1:100.000

🔴 Nouvelle-éolienne 🟤 Zone-bruit-réglémenté

Toutes les coordonnées sont
French Lambert93-RGF93 (FR)

Eoliennes

X	Y	Z	Description	Type d'éolienne			Puiss. nominale	Diamètre rotor	Hauteur	Données de bruit		1ère vitesse du vent [m/s]	LwaRef [dB(A)]	Dernière vit. de vent [m/s]	LwaRef [dB(A)]	Tons isolés
				Valide	Fabricant	Modèle				Etabi par	Nom					
1	779.540	6.833.709	111,7 EOL 1	Oui	ENERCON	E-160 EP5 E2-5.500	5.500	160,0	140,0	EMD	E-160 EP5 E2 - OM 0 s	4,0	101,2	9,0	106,8	Non
2	779.103	6.833.531	113,5 EOL 2	Oui	ENERCON	E-160 EP5 E2-5.500	5.500	160,0	140,0	EMD	E-160 EP5 E2 - OM 0 s	4,0	101,2	9,0	106,8	Non
3	778.638	6.833.163	117,0 EOL 3	Oui	ENERCON	E-160 EP5 E2-5.500	5.500	160,0	140,0	EMD	E-160 EP5 E2 - OM 0 s	4,0	101,2	9,0	106,8	Non
4	779.687	6.834.276	119,0 EOL 22	Oui	ENERCON	E-160 EP5 E2-5.500	5.500	160,0	140,0	EMD	E-160 EP5 E2 - OM 0 s	4,0	101,2	9,0	106,8	Non
5	780.382	6.833.847	109,4 EOL 23	Oui	ENERCON	E-160 EP5 E2-5.500	5.500	160,0	140,0	EMD	E-160 EP5 E2 - OM 0 s	4,0	101,2	9,0	106,8	Non
6	779.321	6.834.711	122,9 EOL 21	Oui	ENERCON	E-160 EP5 E2-5.500	5.500	160,0	140,0	EMD	E-160 EP5 E2 - OM 0 s	4,0	101,2	9,0	106,8	Non

Résultats des calculs

Niveau sonore

N°	Nom	X	Y	Z	Haut. point étudié [m]	Contraintes		Niveau sonore			Contrainte respectée ?
						Max Emergence [dB(A)]	Max sans contrainte [dB(A)]	Max Bruit des éol. [dB(A)]	Max Bruit éol+résiduel [dB(A)]	Max Emergence [dB(A)]	
A	PF1 diurne SO	777.490	6.836.204	120,0	1,5	5,0	35,0	23,9	41,5	0,2	Oui
B	PF1 nocturne SO	777.490	6.836.204	120,0	1,5	3,0	35,0	23,9	39,2	0,2	Oui
C	PF1 nocturne NE	777.490	6.836.204	120,0	1,5	3,0	35,0	23,9	39,2	0,2	Oui
D	PF2 diurne SO	781.719	6.835.428	110,0	1,5	5,0	35,0	25,8	41,3	0,4	Oui
E	PF2 diurne NE	781.719	6.835.428	110,0	1,5	5,0	35,0	25,8	41,2	0,4	Oui
F	PF2 nocturne SO	781.719	6.835.428	110,0	1,5	3,0	35,0	25,8	37,7	0,8	Oui
G	PF2 nocturne NE	781.719	6.835.428	110,0	1,5	3,0	35,0	25,8	37,7	0,8	Oui
H	PF3 diurne SO	780.885	6.832.019	100,0	1,5	5,0	35,0	27,3	40,7	0,5	Oui
I	PF3 diurne NE	780.885	6.832.019	100,0	1,5	5,0	35,0	27,3	40,2	0,6	Oui
J	PF3 nocturne SO	780.885	6.832.019	100,0	1,5	3,0	35,0	27,3	37,8	0,6	Oui
K	PF3 nocturne NE	780.885	6.832.019	100,0	1,5	3,0	35,0	27,3	37,8	0,7	Oui
L	PF4 diurne SO	778.245	6.830.316	99,2	1,5	5,0	35,0	21,3	39,5	0,2	Oui
M	PF4 diurne NE	778.245	6.830.316	99,2	1,5	5,0	35,0	21,3	39,5	0,2	Oui
N	PF4 nocturne SO	778.245	6.830.316	99,2	1,5	3,0	35,0	21,3	37,0	0,2	Oui
O	PF4 nocturne NE	778.245	6.830.316	99,2	1,5	3,0	35,0	21,3	37,5	0,2	Oui
P	PF5 diurne SO	779.114	6.829.710	90,0	1,5	5,0	35,0	19,6	39,3	0,1	Oui
Q	PF5 diurne NE	779.114	6.829.710	90,0	1,5	5,0	35,0	19,6	40,0	0,1	Oui
R	PF5 nocturne SO	779.114	6.829.710	90,0	1,5	3,0	35,0	19,6	34,9	0,2	Oui
S	PF5 nocturne NE	779.114	6.829.710	90,0	1,5	3,0	35,0	19,6	36,5	0,2	Oui
T	PF6 diurne SO	776.835	6.829.926	90,0	1,5	5,0	35,0	18,2	40,7	0,1	Oui

Suite à la page suivante...

DECIBEL - Principaux résultats

Calcul: 3 - Calcul sonore "parc en service" et projet Viapres

...suite de la page précédente

N°	Nom	X	Y	Z	Haut. point étudié [m]	Contraintes		Niveau sonore			Contrainte respectée ? Bruit
						Max Emergence [dB(A)]	Max sans contrainte [dB(A)]	Max Bruit des éol. [dB(A)]	Max Bruit ambient éol+résiduel [dB(A)]	Max Emergence [dB(A)]	
U	PF6 diurne NE	776.835	6.829.926	90,0	1,5	5,0	35,0	18,2	41,4	0,1	Oui
V	PF6 nocturne SO	776.835	6.829.926	90,0	1,5	3,0	35,0	18,2	37,4	0,1	Oui
W	PF6 nocturne NE	776.835	6.829.926	90,0	1,5	3,0	35,0	18,2	38,5	0,1	Oui
X	PF7 diurne SO	781.379	6.832.705	100,0	1,5	5,0	35,0	28,5	40,8	0,6	Oui
Y	PF7 diurne NE	781.379	6.832.705	100,0	1,5	5,0	35,0	28,5	40,3	0,7	Oui
Z	PF7 nocturne SO	781.379	6.832.705	100,0	1,5	3,0	35,0	28,5	38,0	0,8	Oui
AA	PF7 nocturne NE	781.379	6.832.705	100,0	1,5	3,0	35,0	28,5	38,0	0,9	Oui
AB	PF1 diurne NE	777.490	6.836.204	120,0	1,5	5,0	35,0	23,9	42,0	0,2	Oui

Distances (m)

Zone-bruit-réglémenté	Eoliennes					
	1	2	3	4	5	6
A	3229	3122	3250	2923	3731	2362
B	3229	3122	3250	2923	3731	2362
C	3229	3122	3250	2923	3731	2362
D	2775	3231	3824	2335	2070	2503
E	2775	3231	3824	2335	2070	2503
F	2775	3231	3824	2335	2070	2503
G	2775	3231	3824	2335	2070	2503
H	2160	2337	2522	2555	1896	3113
I	2160	2337	2522	2555	1896	3113
J	2160	2337	2522	2555	1896	3113
K	2160	2337	2522	2555	1896	3113
L	3632	3328	2875	4215	4128	4525
M	3632	3328	2875	4215	4128	4525
N	3632	3328	2875	4215	4128	4525
O	3632	3328	2875	4215	4128	4525
P	4022	3821	3486	4602	4328	5006
Q	4022	3821	3486	4602	4328	5006
R	4022	3821	3486	4602	4328	5006
S	4022	3821	3486	4602	4328	5006
T	4650	4258	3705	5201	5287	5392
U	4650	4258	3705	5201	5287	5392
V	4650	4258	3705	5201	5287	5392
W	4650	4258	3705	5201	5287	5392
X	2095	2421	2779	2309	1516	2874
Y	2095	2421	2779	2309	1516	2874
Z	2095	2421	2779	2309	1516	2874
AA	2095	2421	2779	2309	1516	2874
AB	3229	3122	3250	2923	3731	2362

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet Viapres
Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
Données du calcul

Calcul de L(DW) = LWA,ref + K + Dc - (Adiv + Aatm + Agr + Abar + Amisc) - Cmet
(calcul avec atténuation du sol => Dc = Omega)

LWA,ref:	Niveau source de bruit de l'éolienne
K:	Tons isolés
Dc:	Correction de directivité
Adiv:	Atténuation due à la divergence géométrique
Aatm:	Atténuation due à l'absorption atmosphérique
Agr:	Atténuation du sol
Abar:	Atténuation due à une barrière anti-bruit
Amisc:	Atténuation due à d'autres effets
Cmet:	Correction météorologique

Résultats des calculs

Zone-bruit-réglementé: A PF1 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	9,80	101,2	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	10,25	101,2	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	9,71	101,2	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	11,14	101,2	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	7,85	101,2	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	14,00	101,2	0,00	78,48	-	-	0,00	0,00	-
Somme			18,67								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,03	105,9	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	14,49	105,9	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	13,94	105,9	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	15,39	105,9	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,05	105,9	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	18,29	105,9	0,00	78,48	-	-	0,00	0,00	-
Somme			22,93								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,96	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,42	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,87	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,32	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,97	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,23	106,8	0,00	78,48	-	-	0,00	0,00	-
Somme			23,86								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,85	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,31	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,76	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,21	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,87	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,12	106,8	0,00	78,48	-	-	0,00	0,00	-
Somme			23,75								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,72	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,18	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,63	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,07	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,77	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	18,95	106,8	0,00	78,48	-	-	0,00	0,00	-
Somme			23,61								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,88	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,33	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,79	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,20	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,96	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,03	106,8	0,00	78,48	-	-	0,00	0,00	-
Somme			23,74								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: B PF1 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	9,80	101,2	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	10,25	101,2	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	9,71	101,2	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	11,14	101,2	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	7,85	101,2	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	14,00	101,2	0,00	78,48	-	-	0,00	0,00	-
Somme			18,67								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,03	105,9	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	14,49	105,9	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	13,94	105,9	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	15,39	105,9	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,05	105,9	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	18,29	105,9	0,00	78,48	-	-	0,00	0,00	-
Somme			22,93								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,96	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,42	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,87	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,32	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,97	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,23	106,8	0,00	78,48	-	-	0,00	0,00	-
Somme			23,86								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,85	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,31	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,76	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,21	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,87	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,12	106,8	0,00	78,48	-	-	0,00	0,00	-
Somme			23,75								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,72	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,18	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,63	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,07	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,77	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	18,95	106,8	0,00	78,48	-	-	0,00	0,00	-
Somme			23,61								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,88	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,33	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,79	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,20	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,96	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,03	106,8	0,00	78,48	-	-	0,00	0,00	-
Somme			23,74								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: C PF1 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	9,80	101,2	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	10,25	101,2	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	9,71	101,2	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	11,14	101,2	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	7,85	101,2	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	14,00	101,2	0,00	78,48	-	-	0,00	0,00	-
Somme			18,67								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,03	105,9	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	14,49	105,9	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	13,94	105,9	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	15,39	105,9	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,05	105,9	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	18,29	105,9	0,00	78,48	-	-	0,00	0,00	-
Somme			22,93								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,96	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,42	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,87	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,32	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,97	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,23	106,8	0,00	78,48	-	-	0,00	0,00	-
Somme			23,86								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,85	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,31	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,76	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,21	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,87	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,12	106,8	0,00	78,48	-	-	0,00	0,00	-
Somme			23,75								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,72	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,18	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,63	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,07	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,77	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	18,95	106,8	0,00	78,48	-	-	0,00	0,00	-
Somme			23,61								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,88	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,33	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,79	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,20	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,96	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,03	106,8	0,00	78,48	-	-	0,00	0,00	-
Somme			23,74								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: D PF2 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	11,84	101,2	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	9,79	101,2	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	7,51	101,2	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	14,15	101,2	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	15,75	101,2	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	13,23	101,2	0,00	78,98	-	-	0,00	0,00	-
Somme			20,61								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,10	105,9	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,01	105,9	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	11,71	105,9	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	18,44	105,9	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,07	105,9	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	17,51	105,9	0,00	78,98	-	-	0,00	0,00	-
Somme			24,89								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	17,04	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,95	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,63	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,39	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	21,02	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,45	106,8	0,00	78,98	-	-	0,00	0,00	-
Somme			25,83								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,92	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,84	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,53	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,27	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,90	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,33	106,8	0,00	78,98	-	-	0,00	0,00	-
Somme			25,72								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,77	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,71	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,44	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,10	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,72	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,17	106,8	0,00	78,98	-	-	0,00	0,00	-
Somme			25,56								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,89	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,87	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,64	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,18	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,78	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,26	106,8	0,00	78,98	-	-	0,00	0,00	-
Somme			25,65								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: E PF2 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	11,84	101,2	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	9,79	101,2	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	7,51	101,2	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	14,15	101,2	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	15,75	101,2	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	13,23	101,2	0,00	78,98	-	-	0,00	0,00	-
Somme			20,61								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,10	105,9	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,01	105,9	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	11,71	105,9	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	18,44	105,9	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,07	105,9	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	17,51	105,9	0,00	78,98	-	-	0,00	0,00	-
Somme			24,89								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	17,04	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,95	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,63	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,39	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	21,02	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,45	106,8	0,00	78,98	-	-	0,00	0,00	-
Somme			25,83								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,92	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,84	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,53	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,27	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,90	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,33	106,8	0,00	78,98	-	-	0,00	0,00	-
Somme			25,72								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,77	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,71	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,44	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,10	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,72	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,17	106,8	0,00	78,98	-	-	0,00	0,00	-
Somme			25,56								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,89	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,87	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,64	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,18	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,78	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,26	106,8	0,00	78,98	-	-	0,00	0,00	-
Somme			25,65								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: F PF2 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	11,84	101,2	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	9,79	101,2	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	7,51	101,2	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	14,15	101,2	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	15,75	101,2	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	13,23	101,2	0,00	78,98	-	-	0,00	0,00	-
Somme			20,61								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,10	105,9	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,01	105,9	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	11,71	105,9	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	18,44	105,9	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,07	105,9	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	17,51	105,9	0,00	78,98	-	-	0,00	0,00	-
Somme			24,89								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	17,04	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,95	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,63	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,39	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	21,02	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,45	106,8	0,00	78,98	-	-	0,00	0,00	-
Somme			25,83								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,92	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,84	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,53	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,27	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,90	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,33	106,8	0,00	78,98	-	-	0,00	0,00	-
Somme			25,72								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,77	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,71	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,44	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,10	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,72	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,17	106,8	0,00	78,98	-	-	0,00	0,00	-
Somme			25,56								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,89	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,87	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,64	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,18	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,78	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,26	106,8	0,00	78,98	-	-	0,00	0,00	-
Somme			25,65								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: G PF2 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	11,84	101,2	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	9,79	101,2	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	7,51	101,2	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	14,15	101,2	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	15,75	101,2	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	13,23	101,2	0,00	78,98	-	-	0,00	0,00	-
Somme			20,61								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,10	105,9	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,01	105,9	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	11,71	105,9	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	18,44	105,9	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,07	105,9	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	17,51	105,9	0,00	78,98	-	-	0,00	0,00	-
Somme			24,89								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	17,04	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,95	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,63	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,39	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	21,02	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,45	106,8	0,00	78,98	-	-	0,00	0,00	-
Somme			25,83								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,92	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,84	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,53	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,27	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,90	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,33	106,8	0,00	78,98	-	-	0,00	0,00	-
Somme			25,72								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,77	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,71	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,44	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,10	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,72	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,17	106,8	0,00	78,98	-	-	0,00	0,00	-
Somme			25,56								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,89	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,87	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,64	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,18	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,78	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,26	106,8	0,00	78,98	-	-	0,00	0,00	-
Somme			25,65								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglementé: H PF3 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	15,18	101,2	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	14,14	101,2	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	13,12	101,2	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	12,95	101,2	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	16,90	101,2	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	10,29	101,2	0,00	80,88	-	-	0,00	0,00	-
Somme			22,01								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	19,50	105,9	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	18,43	105,9	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	17,40	105,9	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,22	105,9	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,24	105,9	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	14,52	105,9	0,00	80,88	-	-	0,00	0,00	-
Somme			26,31								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,44	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,38	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,34	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	18,16	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	22,19	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,45	106,8	0,00	80,88	-	-	0,00	0,00	-
Somme			27,26								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,33	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,26	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,22	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	18,05	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	22,08	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,34	106,8	0,00	80,88	-	-	0,00	0,00	-
Somme			27,14								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,15	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,09	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,06	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,88	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,89	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,21	106,8	0,00	80,88	-	-	0,00	0,00	-
Somme			26,97								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,21	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,17	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,16	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,99	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,93	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,36	106,8	0,00	80,88	-	-	0,00	0,00	-
Somme			27,04								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: I PF3 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	15,18	101,2	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	14,14	101,2	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	13,12	101,2	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	12,95	101,2	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	16,90	101,2	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	10,29	101,2	0,00	80,88	-	-	0,00	0,00	-
Somme			22,01								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet Viapres Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	19,50	105,9	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	18,43	105,9	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	17,40	105,9	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,22	105,9	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,24	105,9	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	14,52	105,9	0,00	80,88	-	-	0,00	0,00	-
Somme			26,31								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,44	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,38	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,34	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	18,16	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	22,19	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,45	106,8	0,00	80,88	-	-	0,00	0,00	-
Somme			27,26								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,33	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,26	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,22	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	18,05	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	22,08	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,34	106,8	0,00	80,88	-	-	0,00	0,00	-
Somme			27,14								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,15	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,09	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,06	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,88	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,89	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,21	106,8	0,00	80,88	-	-	0,00	0,00	-
Somme			26,97								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,21	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,17	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,16	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,99	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,93	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,36	106,8	0,00	80,88	-	-	0,00	0,00	-
Somme			27,04								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet Viapres
Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
Zone-bruit-réglementé: J PF3 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	15,18	101,2	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	14,14	101,2	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	13,12	101,2	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	12,95	101,2	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	16,90	101,2	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	10,29	101,2	0,00	80,88	-	-	0,00	0,00	-
Somme			22,01								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	19,50	105,9	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	18,43	105,9	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	17,40	105,9	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,22	105,9	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,24	105,9	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	14,52	105,9	0,00	80,88	-	-	0,00	0,00	-
Somme			26,31								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,44	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,38	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,34	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	18,16	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	22,19	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,45	106,8	0,00	80,88	-	-	0,00	0,00	-
Somme			27,26								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,33	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,26	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,22	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	18,05	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	22,08	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,34	106,8	0,00	80,88	-	-	0,00	0,00	-
Somme			27,14								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,15	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,09	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,06	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,88	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,89	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,21	106,8	0,00	80,88	-	-	0,00	0,00	-
Somme			26,97								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,21	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,17	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,16	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,99	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,93	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,36	106,8	0,00	80,88	-	-	0,00	0,00	-
Somme			27,04								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: K PF3 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	15,18	101,2	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	14,14	101,2	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	13,12	101,2	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	12,95	101,2	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	16,90	101,2	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	10,29	101,2	0,00	80,88	-	-	0,00	0,00	-
Somme			22,01								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	19,50	105,9	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	18,43	105,9	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	17,40	105,9	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,22	105,9	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,24	105,9	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	14,52	105,9	0,00	80,88	-	-	0,00	0,00	-
Somme			26,31								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,44	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,38	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,34	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	18,16	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	22,19	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,45	106,8	0,00	80,88	-	-	0,00	0,00	-
Somme			27,26								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,33	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,26	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,22	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	18,05	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	22,08	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,34	106,8	0,00	80,88	-	-	0,00	0,00	-
Somme			27,14								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet Viapres Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,15	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,09	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,06	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,88	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,89	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,21	106,8	0,00	80,88	-	-	0,00	0,00	-
Somme			26,97								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,21	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,17	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,16	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,99	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,93	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,36	106,8	0,00	80,88	-	-	0,00	0,00	-
Somme			27,04								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: L PF4 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	8,20	101,2	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	9,39	101,2	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	11,36	101,2	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	6,20	101,2	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	6,48	101,2	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	5,35	101,2	0,00	84,12	-	-	0,00	0,00	-
Somme			16,13								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	12,41	105,9	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	13,61	105,9	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	15,61	105,9	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	10,38	105,9	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	10,67	105,9	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	9,52	105,9	0,00	84,12	-	-	0,00	0,00	-
Somme			20,35								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,33	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,54	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,55	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,29	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,58	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,42	106,8	0,00	84,12	-	-	0,00	0,00	-
Somme			21,27								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,23	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,43	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,44	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,21	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,49	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,35	106,8	0,00	84,12	-	-	0,00	0,00	-
Somme			21,17								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,13	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,31	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,29	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,14	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,42	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,30	106,8	0,00	84,12	-	-	0,00	0,00	-
Somme			21,06								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,32	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,47	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,42	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,36	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,63	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,53	106,8	0,00	84,12	-	-	0,00	0,00	-
Somme			21,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: M PF4 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	8,20	101,2	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	9,39	101,2	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	11,36	101,2	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	6,20	101,2	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	6,48	101,2	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	5,35	101,2	0,00	84,12	-	-	0,00	0,00	-
Somme			16,13								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	12,41	105,9	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	13,61	105,9	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	15,61	105,9	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	10,38	105,9	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	10,67	105,9	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	9,52	105,9	0,00	84,12	-	-	0,00	0,00	-
Somme			20,35								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,33	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,54	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,55	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,29	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,58	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,42	106,8	0,00	84,12	-	-	0,00	0,00	-
Somme			21,27								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,23	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,43	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,44	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,21	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,49	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,35	106,8	0,00	84,12	-	-	0,00	0,00	-
Somme			21,17								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,13	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,31	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,29	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,14	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,42	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,30	106,8	0,00	84,12	-	-	0,00	0,00	-
Somme			21,06								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,32	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,47	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,42	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,36	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,63	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,53	106,8	0,00	84,12	-	-	0,00	0,00	-
Somme			21,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: N PF4 nocture SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	8,20	101,2	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	9,39	101,2	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	11,36	101,2	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	6,20	101,2	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	6,48	101,2	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	5,35	101,2	0,00	84,12	-	-	0,00	0,00	-
Somme			16,13								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	12,41	105,9	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	13,61	105,9	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	15,61	105,9	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	10,38	105,9	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	10,67	105,9	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	9,52	105,9	0,00	84,12	-	-	0,00	0,00	-
Somme			20,35								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,33	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,54	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,55	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,29	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,58	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,42	106,8	0,00	84,12	-	-	0,00	0,00	-
Somme			21,27								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,23	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,43	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,44	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,21	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,49	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,35	106,8	0,00	84,12	-	-	0,00	0,00	-
Somme			21,17								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,13	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,31	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,29	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,14	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,42	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,30	106,8	0,00	84,12	-	-	0,00	0,00	-
Somme			21,06								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,32	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,47	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,42	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,36	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,63	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,53	106,8	0,00	84,12	-	-	0,00	0,00	-
Somme			21,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: O PF4 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	8,20	101,2	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	9,39	101,2	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	11,36	101,2	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	6,20	101,2	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	6,48	101,2	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	5,35	101,2	0,00	84,12	-	-	0,00	0,00	-
Somme			16,13								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	12,41	105,9	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	13,61	105,9	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	15,61	105,9	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	10,38	105,9	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	10,67	105,9	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	9,52	105,9	0,00	84,12	-	-	0,00	0,00	-
Somme			20,35								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,33	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,54	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,55	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,29	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,58	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,42	106,8	0,00	84,12	-	-	0,00	0,00	-
Somme			21,27								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,23	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,43	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,44	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,21	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,49	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,35	106,8	0,00	84,12	-	-	0,00	0,00	-
Somme			21,17								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,13	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,31	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,29	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,14	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,42	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,30	106,8	0,00	84,12	-	-	0,00	0,00	-
Somme			21,06								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,32	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,47	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,42	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,36	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,63	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,53	106,8	0,00	84,12	-	-	0,00	0,00	-
Somme			21,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: P PF5 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	6,83	101,2	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	7,52	101,2	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	8,76	101,2	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	5,15	101,2	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	5,88	101,2	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	4,17	101,2	0,00	84,99	-	-	0,00	0,00	-
Somme			14,43								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,02	105,9	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	11,72	105,9	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	12,97	105,9	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	9,32	105,9	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,06	105,9	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	8,33	105,9	0,00	84,99	-	-	0,00	0,00	-
Somme			18,62								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,93	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,64	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,90	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,22	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,96	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,22	106,8	0,00	84,99	-	-	0,00	0,00	-
Somme			19,53								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,84	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,54	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,79	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,15	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,88	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,16	106,8	0,00	84,99	-	-	0,00	0,00	-
Somme			19,44								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,76	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,45	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,68	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,11	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,82	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,14	106,8	0,00	84,99	-	-	0,00	0,00	-
Somme			19,37								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,97	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,64	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,86	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,34	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	11,04	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,39	106,8	0,00	84,99	-	-	0,00	0,00	-
Somme			19,57								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: Q PF5 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	6,83	101,2	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	7,52	101,2	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	8,76	101,2	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	5,15	101,2	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	5,88	101,2	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	4,17	101,2	0,00	84,99	-	-	0,00	0,00	-
Somme			14,43								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,02	105,9	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	11,72	105,9	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	12,97	105,9	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	9,32	105,9	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,06	105,9	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	8,33	105,9	0,00	84,99	-	-	0,00	0,00	-
Somme			18,62								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,93	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,64	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,90	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,22	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,96	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,22	106,8	0,00	84,99	-	-	0,00	0,00	-
Somme			19,53								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,84	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,54	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,79	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,15	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,88	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,16	106,8	0,00	84,99	-	-	0,00	0,00	-
Somme			19,44								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,76	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,45	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,68	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,11	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,82	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,14	106,8	0,00	84,99	-	-	0,00	0,00	-
Somme			19,37								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,97	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,64	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,86	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,34	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	11,04	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,39	106,8	0,00	84,99	-	-	0,00	0,00	-
Somme			19,57								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: R PF5 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	6,83	101,2	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	7,52	101,2	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	8,76	101,2	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	5,15	101,2	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	5,88	101,2	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	4,17	101,2	0,00	84,99	-	-	0,00	0,00	-
Somme			14,43								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,02	105,9	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	11,72	105,9	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	12,97	105,9	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	9,32	105,9	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,06	105,9	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	8,33	105,9	0,00	84,99	-	-	0,00	0,00	-
Somme			18,62								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,93	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,64	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,90	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,22	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,96	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,22	106,8	0,00	84,99	-	-	0,00	0,00	-
Somme			19,53								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,84	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,54	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,79	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,15	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,88	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,16	106,8	0,00	84,99	-	-	0,00	0,00	-
Somme			19,44								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,76	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,45	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,68	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,11	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,82	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,14	106,8	0,00	84,99	-	-	0,00	0,00	-
Somme			19,37								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,97	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,64	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,86	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,34	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	11,04	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,39	106,8	0,00	84,99	-	-	0,00	0,00	-
Somme			19,57								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: S PF5 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	6,83	101,2	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	7,52	101,2	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	8,76	101,2	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	5,15	101,2	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	5,88	101,2	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	4,17	101,2	0,00	84,99	-	-	0,00	0,00	-
Somme			14,43								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,02	105,9	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	11,72	105,9	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	12,97	105,9	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	9,32	105,9	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,06	105,9	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	8,33	105,9	0,00	84,99	-	-	0,00	0,00	-
Somme			18,62								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,93	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,64	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,90	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,22	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,96	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,22	106,8	0,00	84,99	-	-	0,00	0,00	-
Somme			19,53								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,84	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,54	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,79	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,15	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,88	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,16	106,8	0,00	84,99	-	-	0,00	0,00	-
Somme			19,44								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,76	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,45	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,68	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,11	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,82	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,14	106,8	0,00	84,99	-	-	0,00	0,00	-
Somme			19,37								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,97	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,64	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,86	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,34	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	11,04	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,39	106,8	0,00	84,99	-	-	0,00	0,00	-
Somme			19,57								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: T PF6 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	5,03	101,2	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	6,07	101,2	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	7,93	101,2	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	3,72	101,2	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	3,53	101,2	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	3,31	101,2	0,00	85,64	-	-	0,00	0,00	-
Somme			13,05								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	9,20	105,9	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	10,25	105,9	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,14	105,9	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	7,88	105,9	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	7,69	105,9	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	7,46	105,9	0,00	85,64	-	-	0,00	0,00	-
Somme			17,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,10	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,16	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	13,06	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,77	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,58	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,34	106,8	0,00	85,64	-	-	0,00	0,00	-
Somme			18,13								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,03	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,07	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,96	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,71	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,52	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,30	106,8	0,00	85,64	-	-	0,00	0,00	-
Somme			18,06								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	9,99	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,01	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,86	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,71	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,52	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,30	106,8	0,00	85,64	-	-	0,00	0,00	-
Somme			18,01								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,22	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,23	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	13,05	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,96	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,78	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,56	106,8	0,00	85,64	-	-	0,00	0,00	-
Somme			18,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: U PF6 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	5,03	101,2	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	6,07	101,2	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	7,93	101,2	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	3,72	101,2	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	3,53	101,2	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	3,31	101,2	0,00	85,64	-	-	0,00	0,00	-
Somme			13,05								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	9,20	105,9	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	10,25	105,9	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,14	105,9	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	7,88	105,9	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	7,69	105,9	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	7,46	105,9	0,00	85,64	-	-	0,00	0,00	-
Somme			17,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,10	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,16	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	13,06	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,77	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,58	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,34	106,8	0,00	85,64	-	-	0,00	0,00	-
Somme			18,13								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,03	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,07	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,96	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,71	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,52	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,30	106,8	0,00	85,64	-	-	0,00	0,00	-
Somme			18,06								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	9,99	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,01	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,86	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,71	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,52	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,30	106,8	0,00	85,64	-	-	0,00	0,00	-
Somme			18,01								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,22	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,23	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	13,05	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,96	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,78	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,56	106,8	0,00	85,64	-	-	0,00	0,00	-
Somme			18,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: V PF6 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	5,03	101,2	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	6,07	101,2	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	7,93	101,2	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	3,72	101,2	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	3,53	101,2	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	3,31	101,2	0,00	85,64	-	-	0,00	0,00	-
Somme			13,05								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	9,20	105,9	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	10,25	105,9	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,14	105,9	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	7,88	105,9	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	7,69	105,9	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	7,46	105,9	0,00	85,64	-	-	0,00	0,00	-
Somme			17,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,10	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,16	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	13,06	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,77	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,58	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,34	106,8	0,00	85,64	-	-	0,00	0,00	-
Somme			18,13								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,03	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,07	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,96	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,71	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,52	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,30	106,8	0,00	85,64	-	-	0,00	0,00	-
Somme			18,06								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	9,99	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,01	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,86	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,71	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,52	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,30	106,8	0,00	85,64	-	-	0,00	0,00	-
Somme			18,01								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,22	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,23	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	13,05	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,96	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,78	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,56	106,8	0,00	85,64	-	-	0,00	0,00	-
Somme			18,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: W PF6 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	5,03	101,2	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	6,07	101,2	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	7,93	101,2	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	3,72	101,2	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	3,53	101,2	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	3,31	101,2	0,00	85,64	-	-	0,00	0,00	-
Somme			13,05								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	9,20	105,9	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	10,25	105,9	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,14	105,9	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	7,88	105,9	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	7,69	105,9	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	7,46	105,9	0,00	85,64	-	-	0,00	0,00	-
Somme			17,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,10	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,16	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	13,06	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,77	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,58	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,34	106,8	0,00	85,64	-	-	0,00	0,00	-
Somme			18,13								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,03	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,07	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,96	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,71	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,52	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,30	106,8	0,00	85,64	-	-	0,00	0,00	-
Somme			18,06								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	9,99	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,01	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,86	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,71	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,52	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,30	106,8	0,00	85,64	-	-	0,00	0,00	-
Somme			18,01								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,22	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,23	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	13,05	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,96	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,78	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,56	106,8	0,00	85,64	-	-	0,00	0,00	-
Somme			18,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: X PF7 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	15,58	101,2	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	13,67	101,2	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	11,82	101,2	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	14,30	101,2	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	19,78	101,2	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	11,36	101,2	0,00	80,18	-	-	0,00	0,00	-
Somme			23,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	19,91	105,9	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	17,96	105,9	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,07	105,9	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	18,60	105,9	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,18	105,9	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	15,61	105,9	0,00	80,18	-	-	0,00	0,00	-
Somme			27,57								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,85	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,90	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	17,01	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,54	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	25,12	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,55	106,8	0,00	80,18	-	-	0,00	0,00	-
Somme			28,51								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,74	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,78	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,90	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,42	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	25,02	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,44	106,8	0,00	80,18	-	-	0,00	0,00	-
Somme			28,40								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,55	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,61	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,75	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,25	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,84	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,29	106,8	0,00	80,18	-	-	0,00	0,00	-
Somme			28,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,61	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,70	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,87	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,33	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,85	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,42	106,8	0,00	80,18	-	-	0,00	0,00	-
Somme			28,28								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: Y PF7 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	15,58	101,2	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	13,67	101,2	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	11,82	101,2	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	14,30	101,2	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	19,78	101,2	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	11,36	101,2	0,00	80,18	-	-	0,00	0,00	-
Somme			23,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	19,91	105,9	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	17,96	105,9	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,07	105,9	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	18,60	105,9	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,18	105,9	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	15,61	105,9	0,00	80,18	-	-	0,00	0,00	-
Somme			27,57								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,85	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,90	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	17,01	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,54	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	25,12	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,55	106,8	0,00	80,18	-	-	0,00	0,00	-
Somme			28,51								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,74	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,78	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,90	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,42	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	25,02	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,44	106,8	0,00	80,18	-	-	0,00	0,00	-
Somme			28,40								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,55	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,61	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,75	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,25	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,84	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,29	106,8	0,00	80,18	-	-	0,00	0,00	-
Somme			28,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,61	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,70	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,87	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,33	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,85	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,42	106,8	0,00	80,18	-	-	0,00	0,00	-
Somme			28,28								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: Z PF7 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	15,58	101,2	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	13,67	101,2	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	11,82	101,2	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	14,30	101,2	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	19,78	101,2	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	11,36	101,2	0,00	80,18	-	-	0,00	0,00	-
Somme			23,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	19,91	105,9	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	17,96	105,9	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,07	105,9	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	18,60	105,9	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,18	105,9	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	15,61	105,9	0,00	80,18	-	-	0,00	0,00	-
Somme			27,57								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,85	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,90	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	17,01	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,54	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	25,12	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,55	106,8	0,00	80,18	-	-	0,00	0,00	-
Somme			28,51								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,74	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,78	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,90	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,42	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	25,02	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,44	106,8	0,00	80,18	-	-	0,00	0,00	-
Somme			28,40								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,55	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,61	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,75	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,25	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,84	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,29	106,8	0,00	80,18	-	-	0,00	0,00	-
Somme			28,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,61	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,70	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,87	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,33	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,85	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,42	106,8	0,00	80,18	-	-	0,00	0,00	-
Somme			28,28								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: AA PF7 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	15,58	101,2	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	13,67	101,2	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	11,82	101,2	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	14,30	101,2	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	19,78	101,2	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	11,36	101,2	0,00	80,18	-	-	0,00	0,00	-
Somme			23,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	19,91	105,9	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	17,96	105,9	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,07	105,9	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	18,60	105,9	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,18	105,9	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	15,61	105,9	0,00	80,18	-	-	0,00	0,00	-
Somme			27,57								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,85	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,90	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	17,01	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,54	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	25,12	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,55	106,8	0,00	80,18	-	-	0,00	0,00	-
Somme			28,51								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,74	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,78	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,90	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,42	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	25,02	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,44	106,8	0,00	80,18	-	-	0,00	0,00	-
Somme			28,40								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,55	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,61	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,75	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,25	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,84	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,29	106,8	0,00	80,18	-	-	0,00	0,00	-
Somme			28,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,61	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,70	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,87	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,33	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,85	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,42	106,8	0,00	80,18	-	-	0,00	0,00	-
Somme			28,28								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: AB PF1 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	9,80	101,2	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	10,25	101,2	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	9,71	101,2	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	11,14	101,2	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	7,85	101,2	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	14,00	101,2	0,00	78,48	-	-	0,00	0,00	-
Somme			18,67								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,03	105,9	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	14,49	105,9	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	13,94	105,9	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	15,39	105,9	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,05	105,9	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	18,29	105,9	0,00	78,48	-	-	0,00	0,00	-
Somme			22,93								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,96	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,42	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,87	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,32	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,97	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,23	106,8	0,00	78,48	-	-	0,00	0,00	-
Somme			23,86								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,85	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,31	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,76	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,21	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,87	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,12	106,8	0,00	78,48	-	-	0,00	0,00	-
Somme			23,75								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,72	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,18	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,63	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,07	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,77	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	18,95	106,8	0,00	78,48	-	-	0,00	0,00	-
Somme			23,61								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

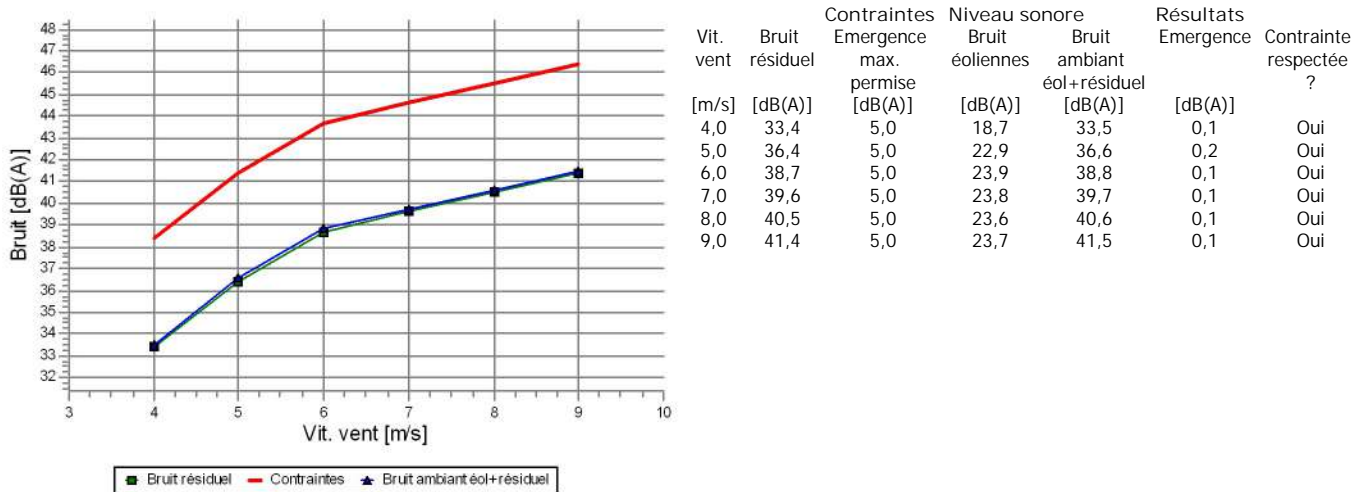
Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,88	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,33	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,79	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,20	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,96	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,03	106,8	0,00	78,48	-	-	0,00	0,00	-
Somme			23,74								

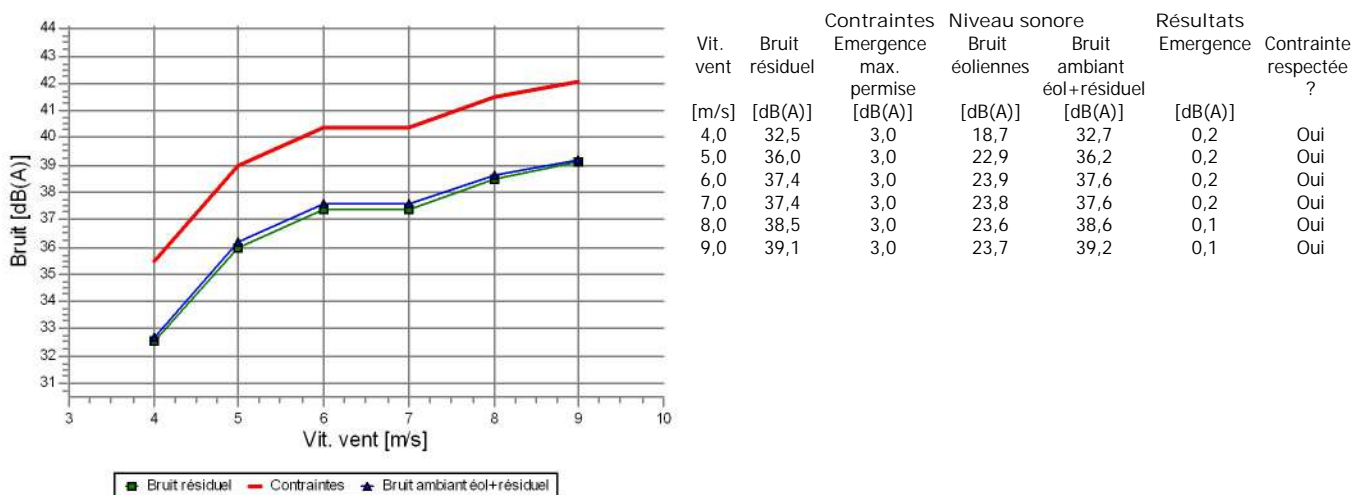
- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Analyse des résultats

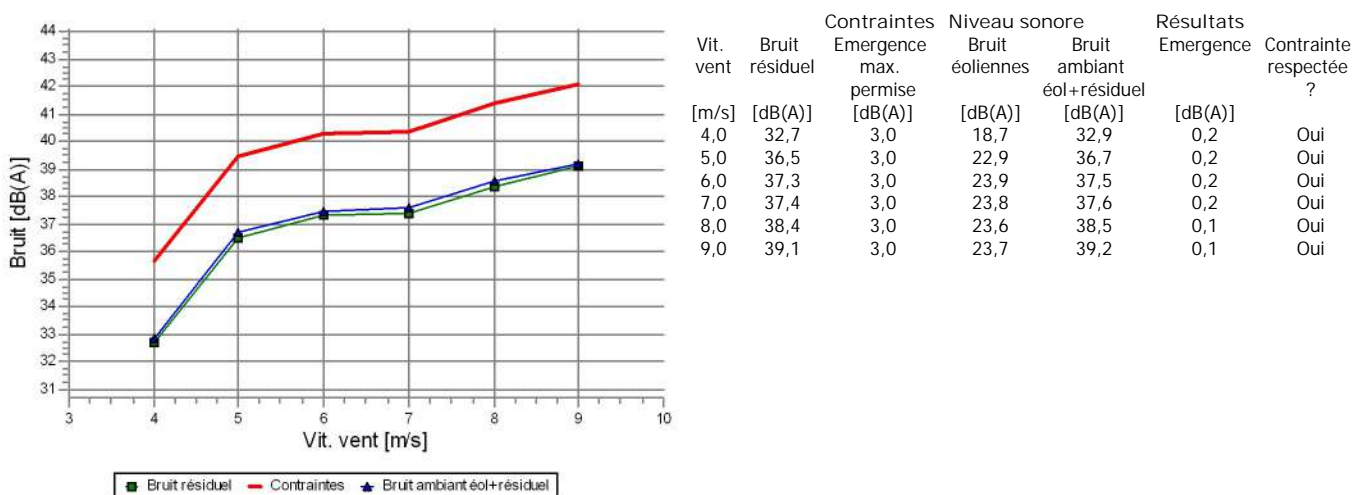
Calcul: 3 - Calcul sonore "parc en service" et projet Viapres
Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
A PF1 diurne SO



B PF1 nocturne SO



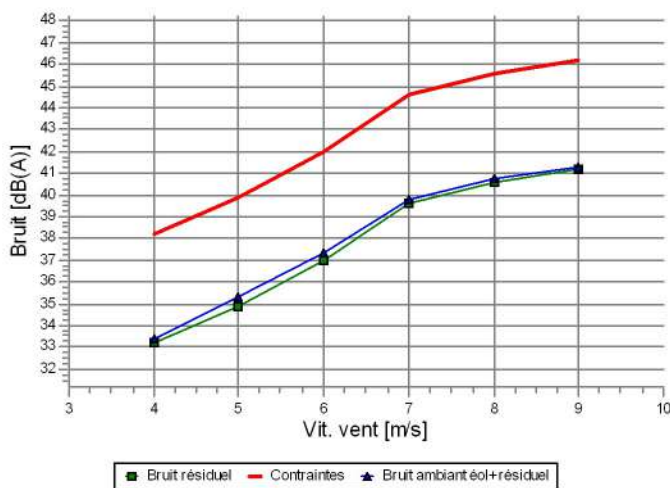
C PF1 nocturne NE



DECIBEL - Analyse des résultats

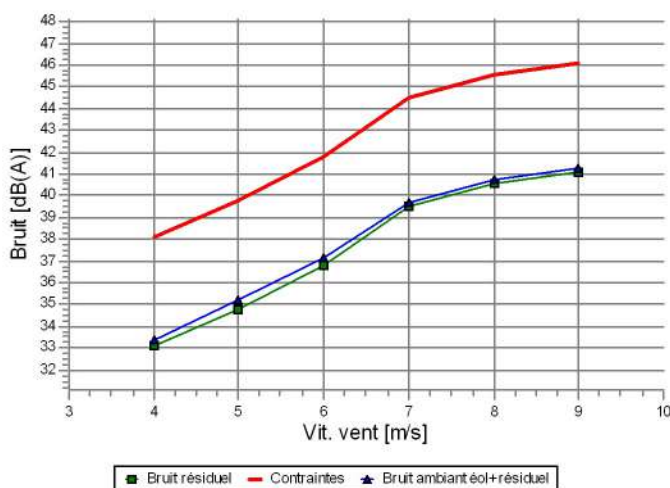
Calcul: 3 - Calcul sonore "parc en service" et projet ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

D PF2 diurne SO



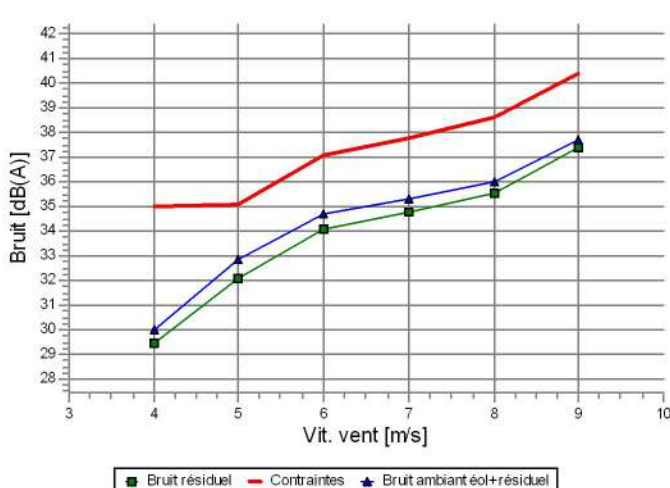
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,2	5,0	20,6	33,4	0,2	Oui
5,0	34,9	5,0	24,9	35,3	0,4	Oui
6,0	37,0	5,0	25,8	37,3	0,3	Oui
7,0	39,6	5,0	25,7	39,8	0,2	Oui
8,0	40,6	5,0	25,6	40,7	0,1	Oui
9,0	41,2	5,0	25,7	41,3	0,1	Oui

E PF2 diurne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,1	5,0	20,6	33,3	0,2	Oui
5,0	34,8	5,0	24,9	35,2	0,4	Oui
6,0	36,8	5,0	25,8	37,1	0,3	Oui
7,0	39,5	5,0	25,7	39,7	0,2	Oui
8,0	40,6	5,0	25,6	40,7	0,1	Oui
9,0	41,1	5,0	25,7	41,2	0,1	Oui

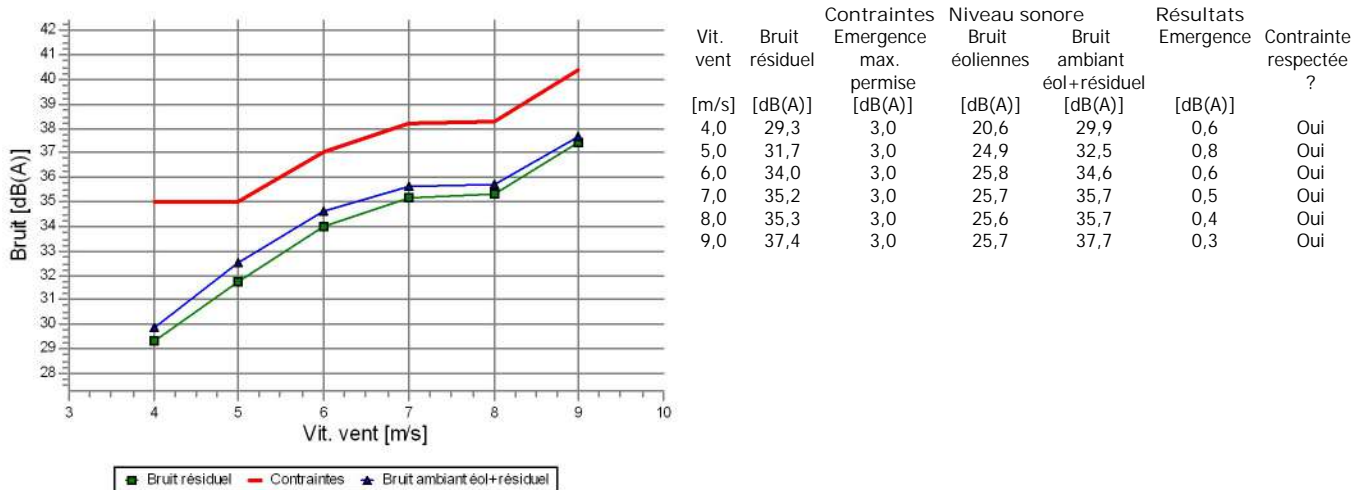
F PF2 nocturne SO



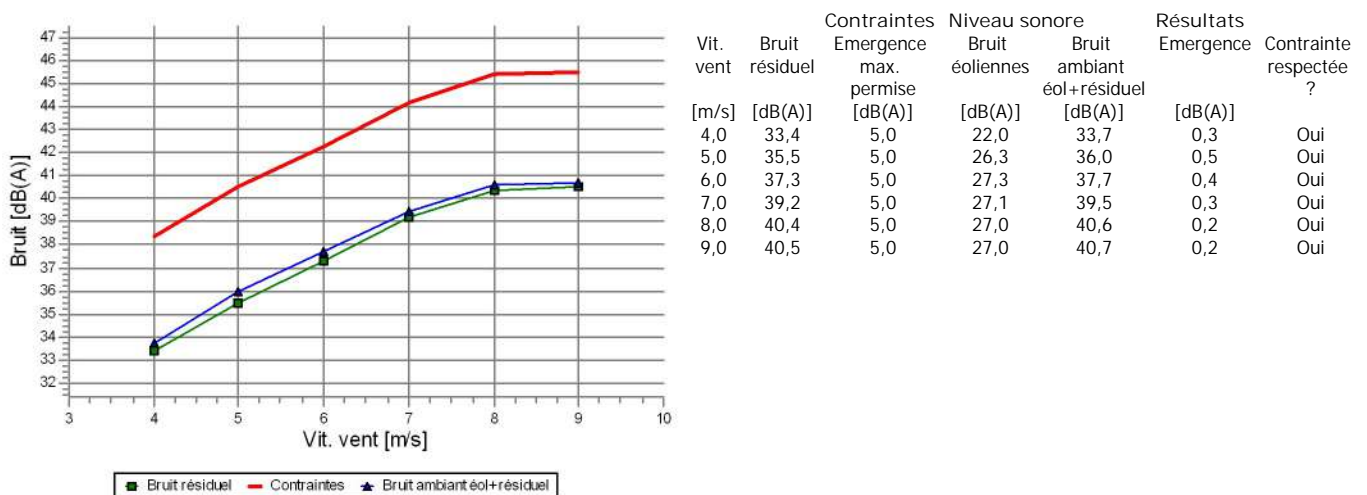
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	29,5	3,0	20,6	30,0	0,5	Oui
5,0	32,1	3,0	24,9	32,9	0,8	Oui
6,0	34,1	3,0	25,8	34,7	0,6	Oui
7,0	34,8	3,0	25,7	35,3	0,5	Oui
8,0	35,6	3,0	25,6	36,0	0,4	Oui
9,0	37,4	3,0	25,7	37,7	0,3	Oui

DECIBEL - Analyse des résultats

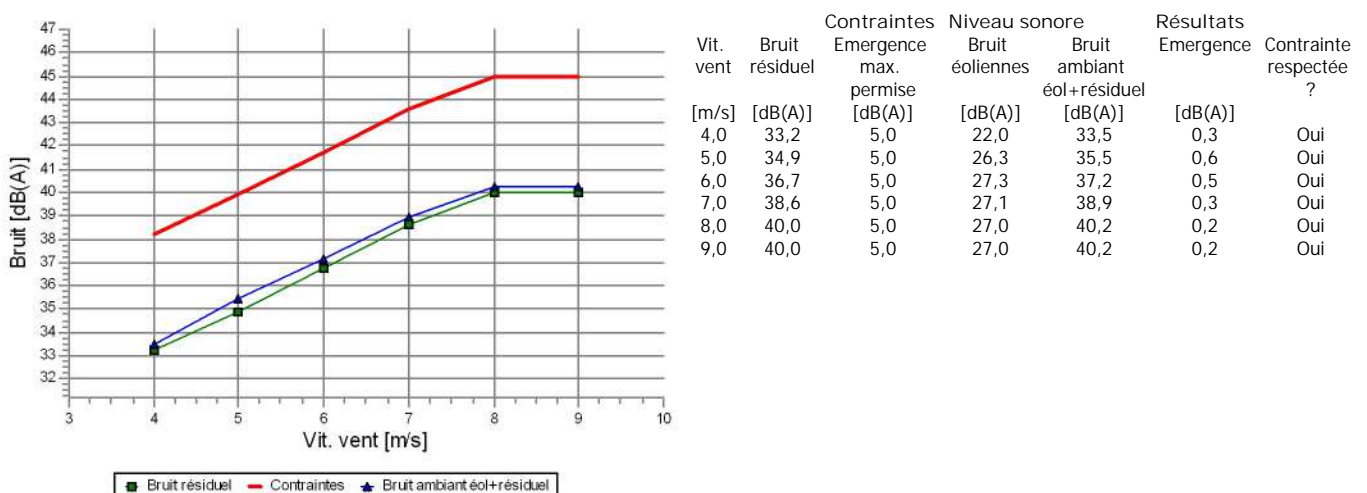
Calcul: 3 - Calcul sonore "parc en service" et projet Viapres
Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
G PF2 nocturne NE



H PF3 diurne SO

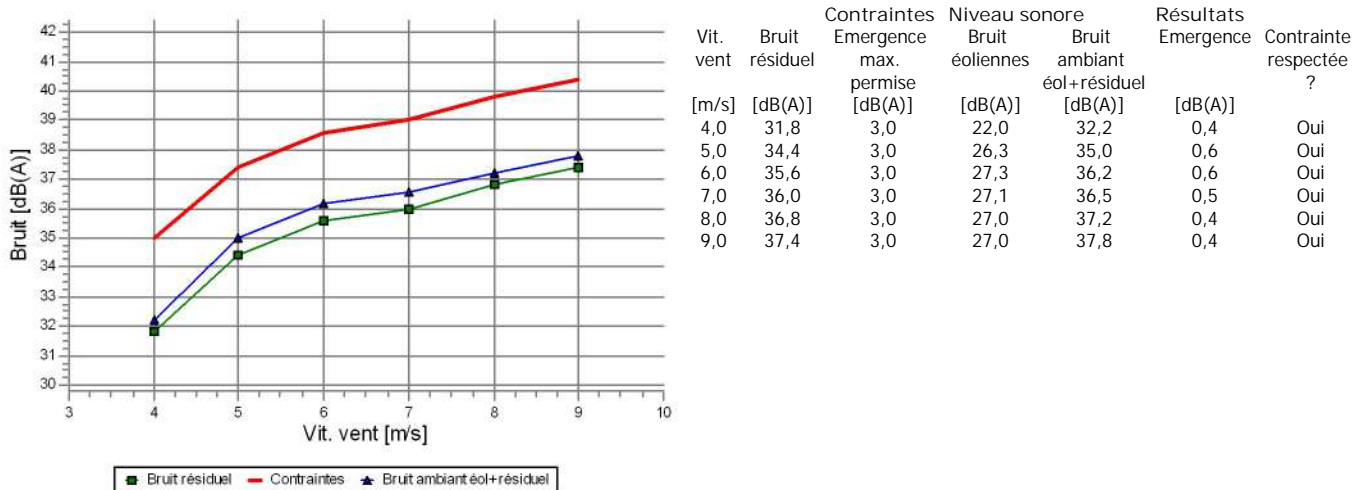


I PF3 diurne NE

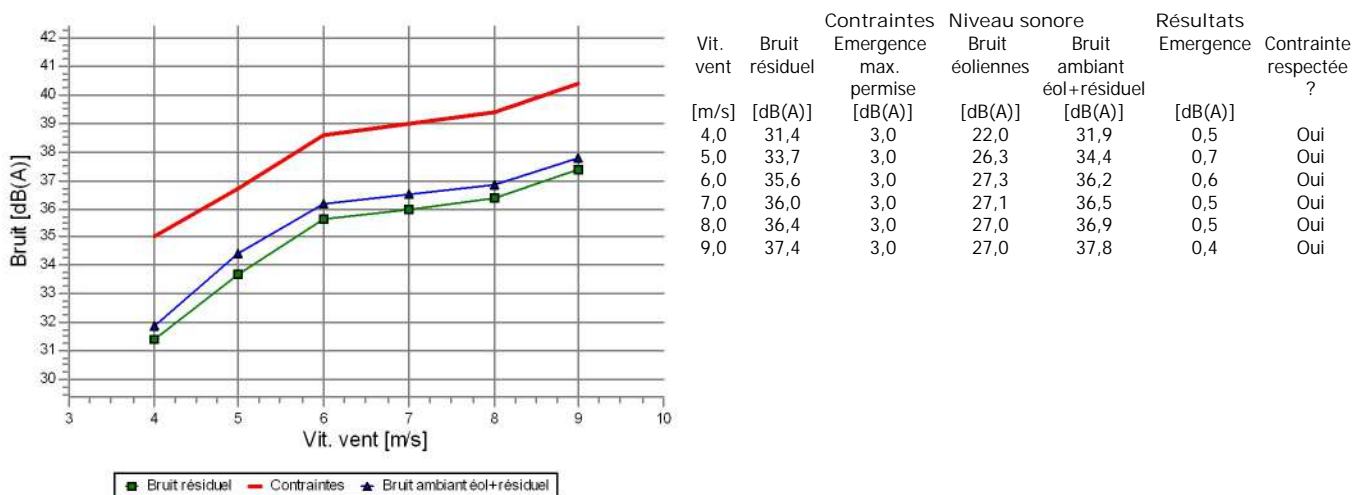


DECIBEL - Analyse des résultats

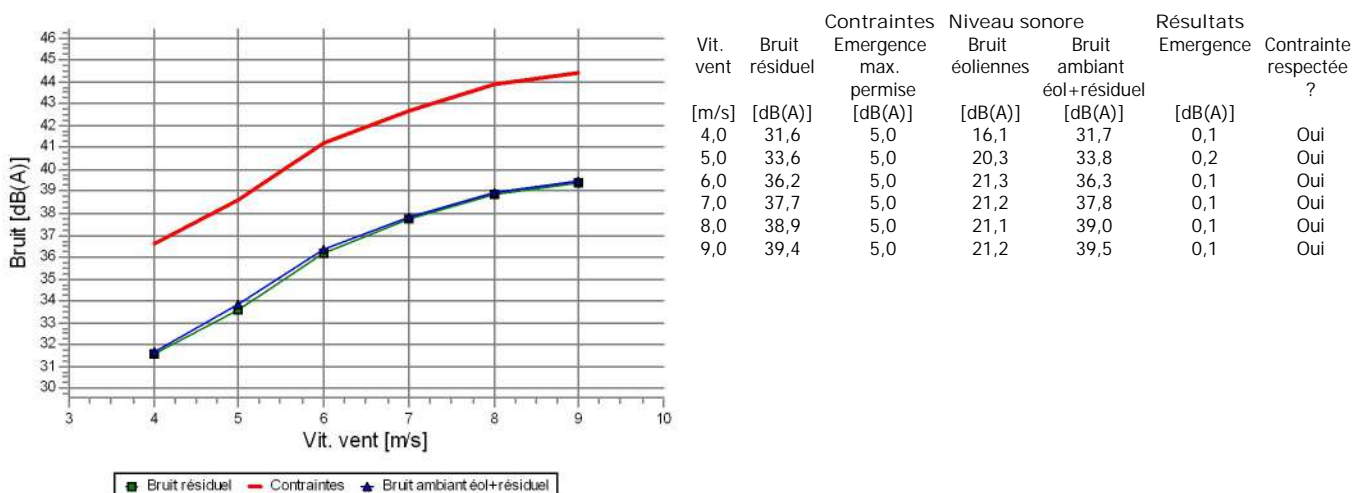
Calcul: 3 - Calcul sonore "parc en service" et projet Viapres
Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
J PF3 nocturne SO



K PF3 nocturne NE

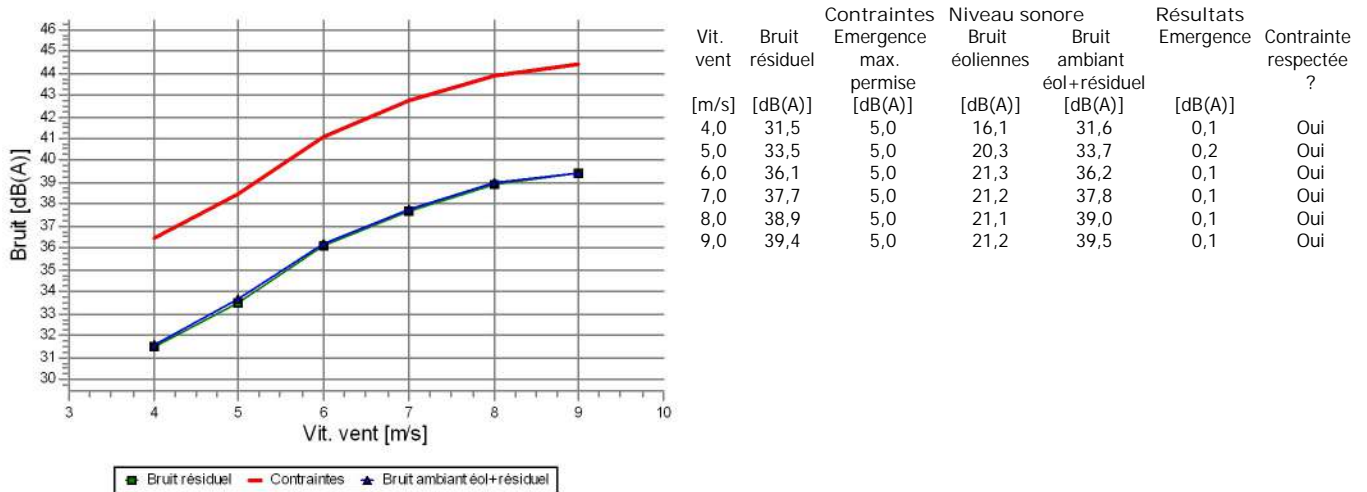


L PF4 diurne SO

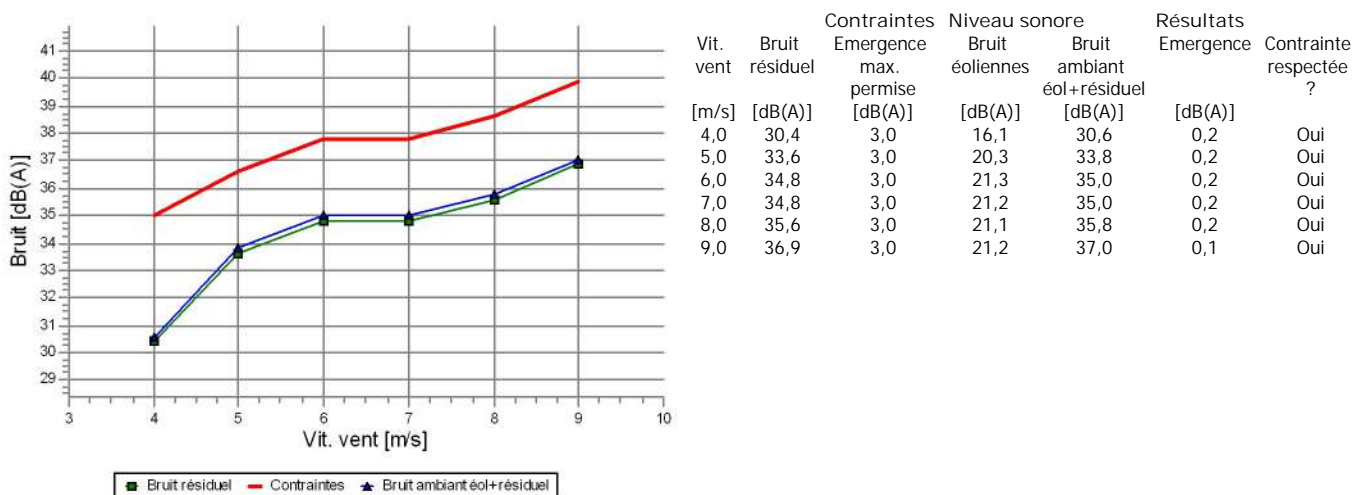


DECIBEL - Analyse des résultats

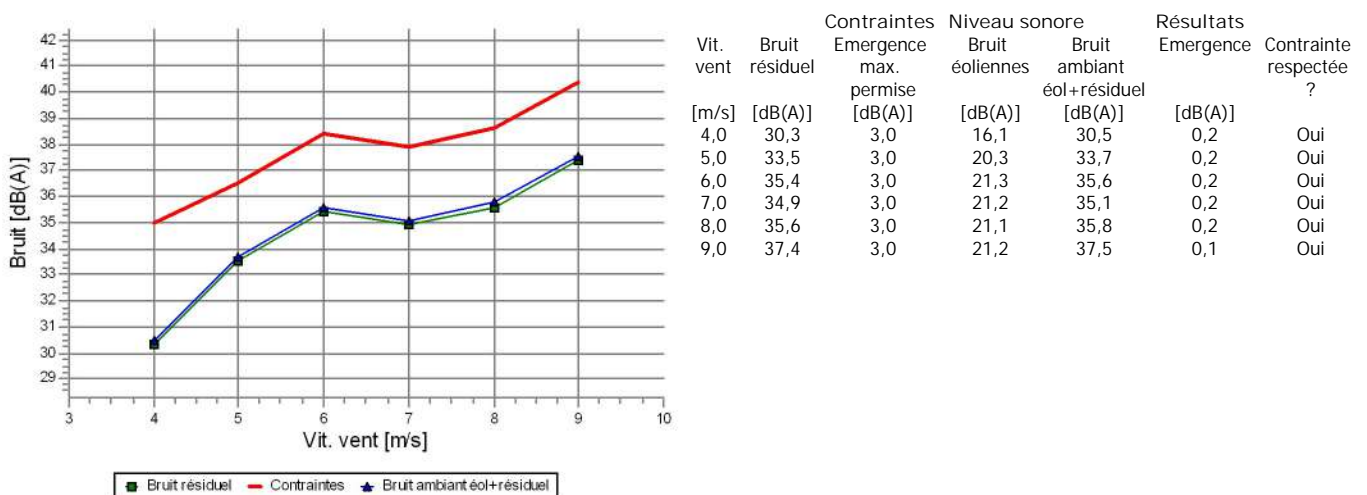
Calcul: 3 - Calcul sonore "parc en service" et projet Viapres
Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
M PF4 diurne NE



N PF4 nocturne SO

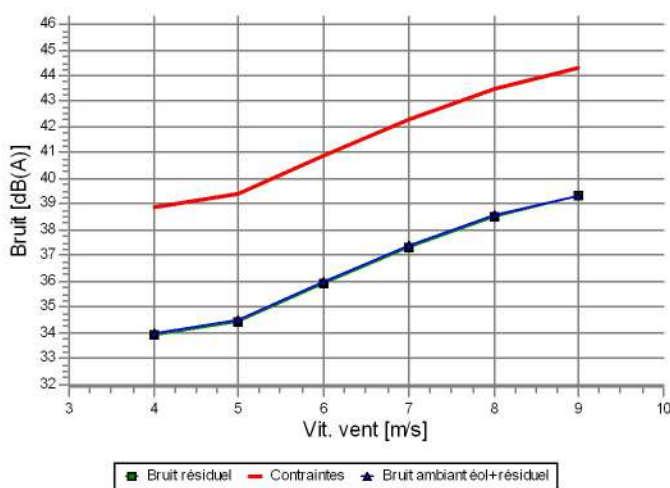


O PF4 nocturne NE



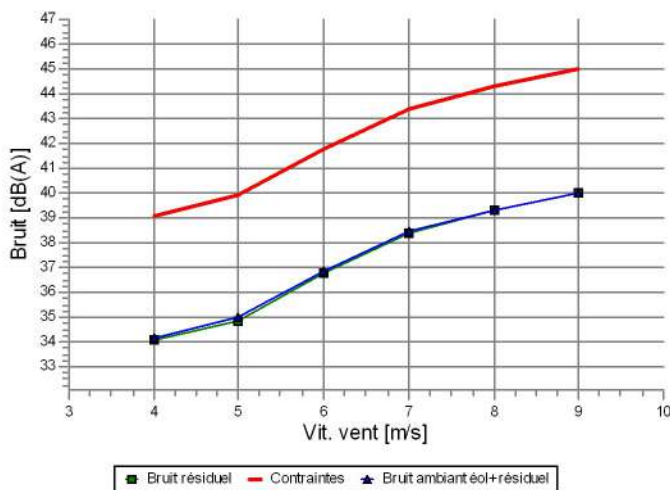
DECIBEL - Analyse des résultats

Calcul: 3 - Calcul sonore "parc en service" et projet Viapres
Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
P PF5 diurne SO



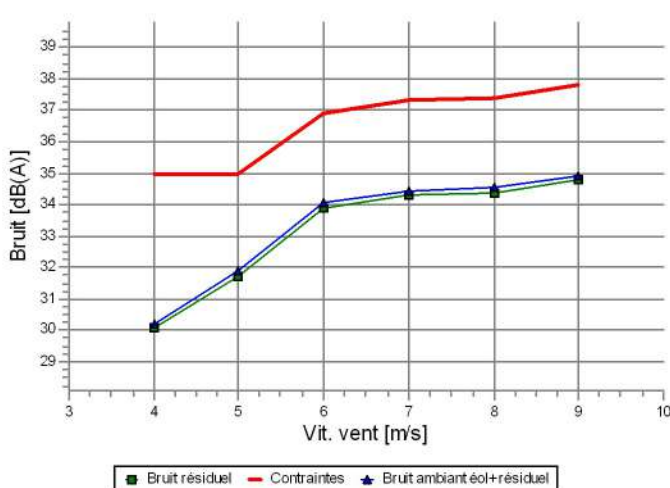
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,9	5,0	14,4	33,9	0,0	Oui
5,0	34,4	5,0	18,6	34,5	0,1	Oui
6,0	35,9	5,0	19,5	36,0	0,1	Oui
7,0	37,3	5,0	19,4	37,4	0,1	Oui
8,0	38,5	5,0	19,4	38,6	0,1	Oui
9,0	39,3	5,0	19,6	39,3	0,0	Oui

Q PF5 diurne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	34,1	5,0	14,4	34,1	0,0	Oui
5,0	34,9	5,0	18,6	35,0	0,1	Oui
6,0	36,8	5,0	19,5	36,9	0,1	Oui
7,0	38,4	5,0	19,4	38,5	0,1	Oui
8,0	39,3	5,0	19,4	39,3	0,0	Oui
9,0	40,0	5,0	19,6	40,0	0,0	Oui

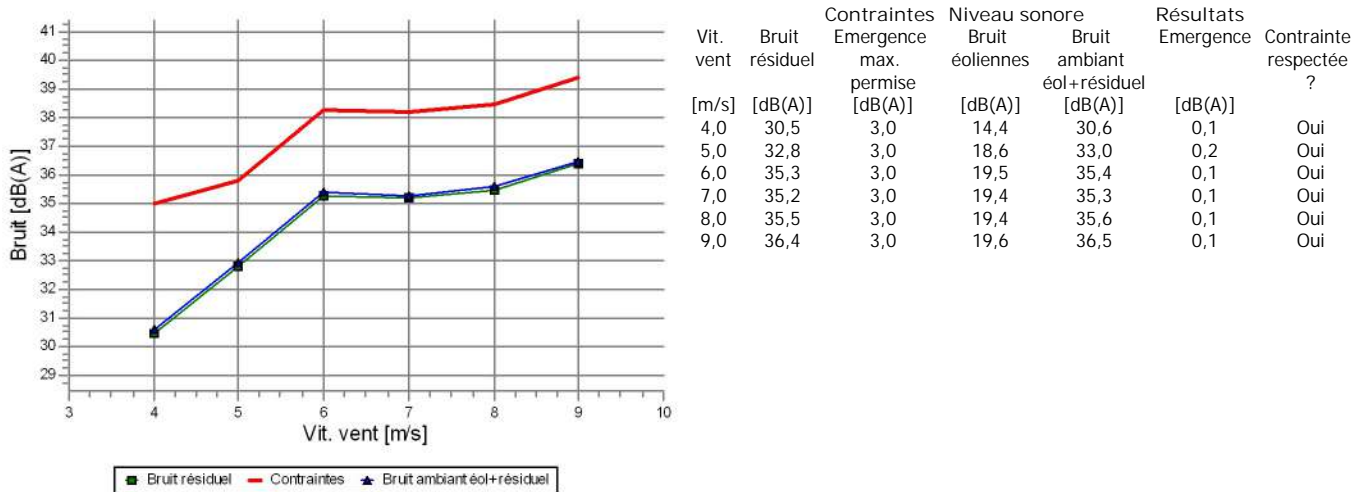
R PF5 nocturne SO



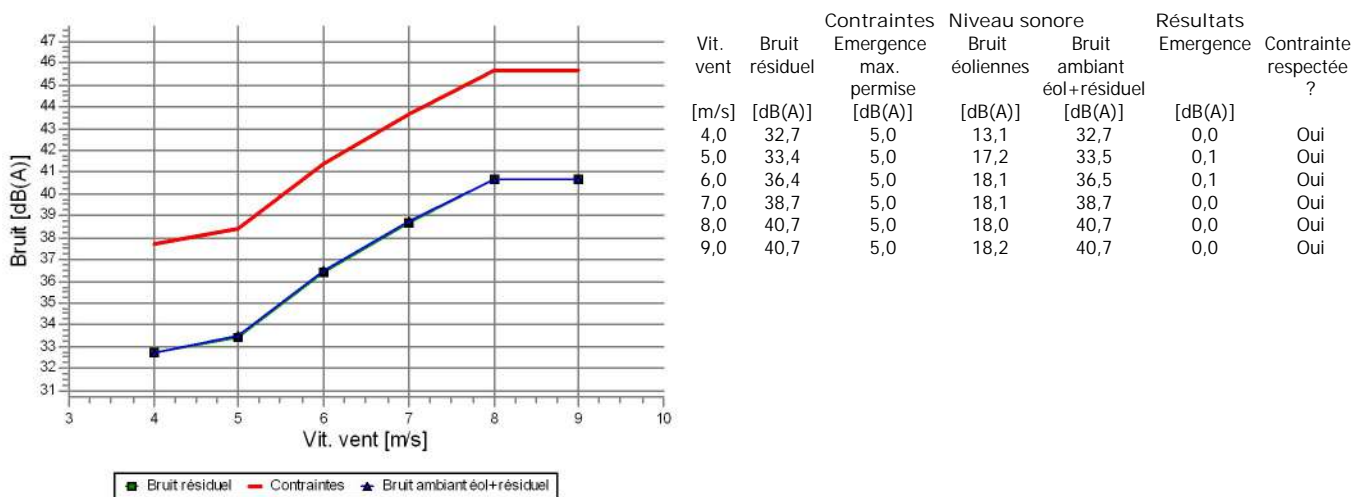
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	30,1	3,0	14,4	30,2	0,1	Oui
5,0	31,7	3,0	18,6	31,9	0,2	Oui
6,0	33,9	3,0	19,5	34,1	0,2	Oui
7,0	34,3	3,0	19,4	34,4	0,1	Oui
8,0	34,4	3,0	19,4	34,5	0,1	Oui
9,0	34,8	3,0	19,6	34,9	0,1	Oui

DECIBEL - Analyse des résultats

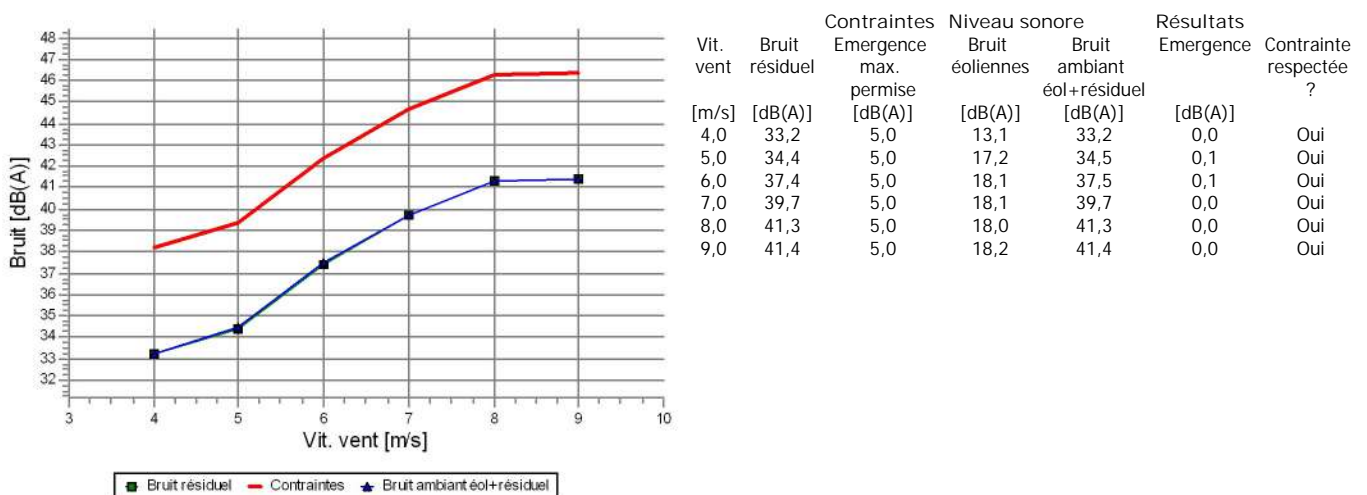
Calcul: 3 - Calcul sonore "parc en service" et projet Viapres
Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
S PF5 nocturne NE



T PF6 diurne SO

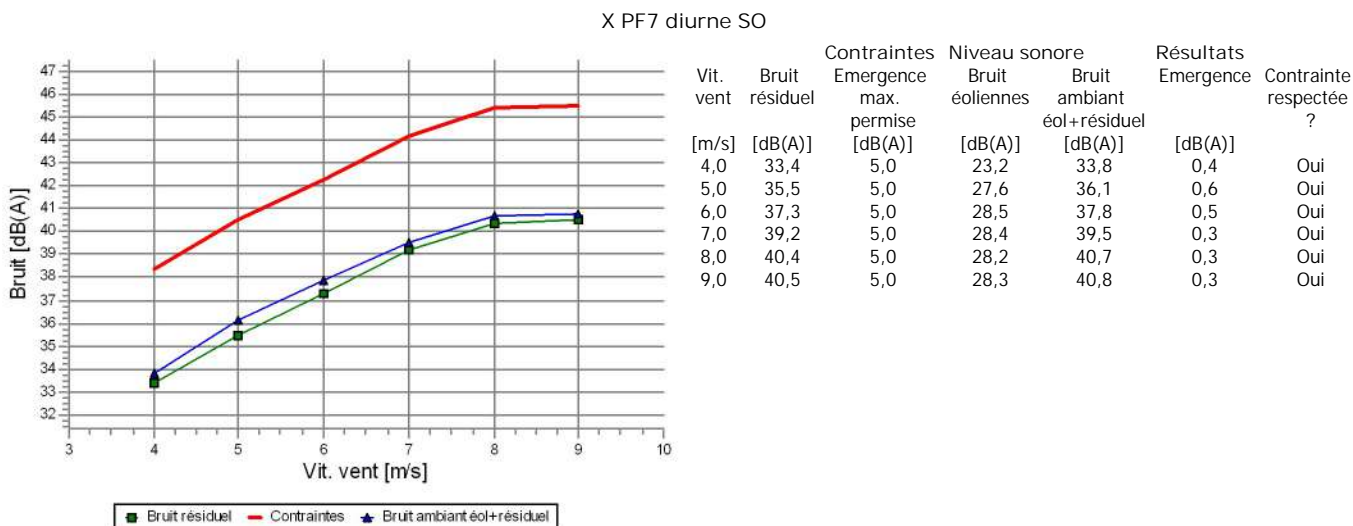
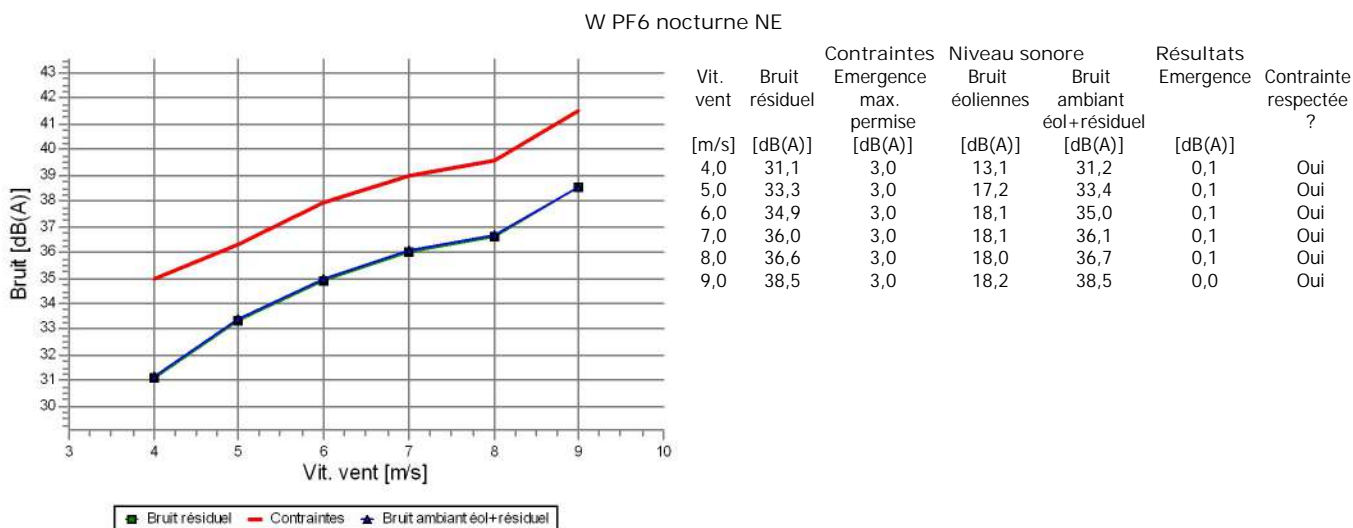
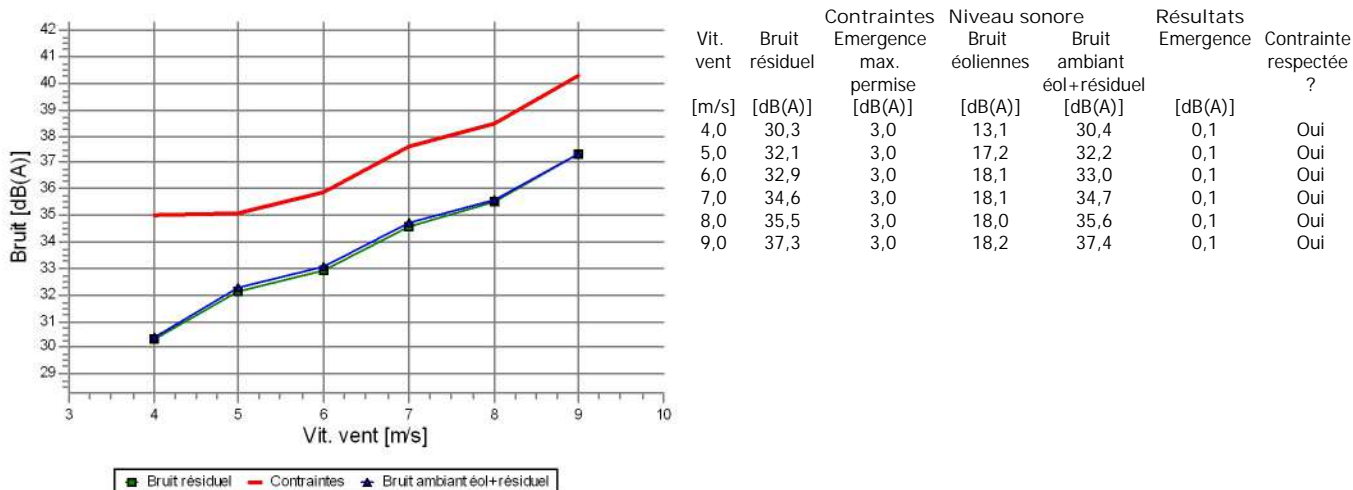


U PF6 diurne NE



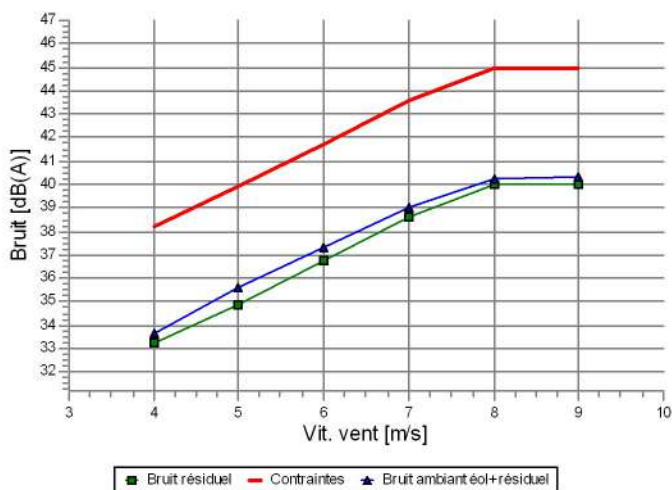
DECIBEL - Analyse des résultats

Calcul: 3 - Calcul sonore "parc en service" et projet Viapres
Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
V PF6 nocturne SO



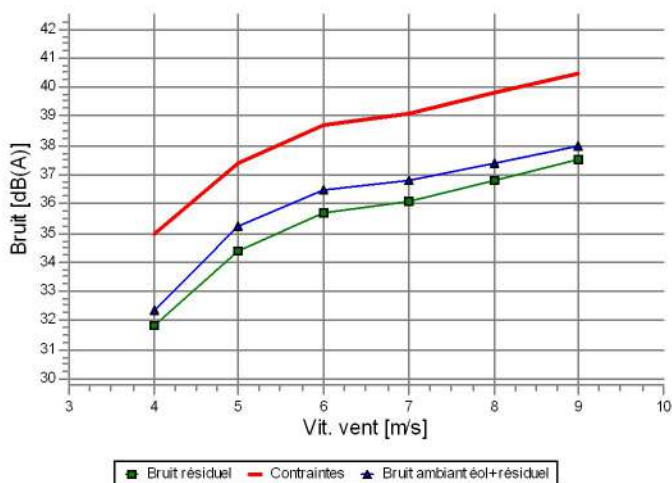
DECIBEL - Analyse des résultats

Calcul: 3 - Calcul sonore "parc en service" et projet Viapres
Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
Y PF7 diurne NE



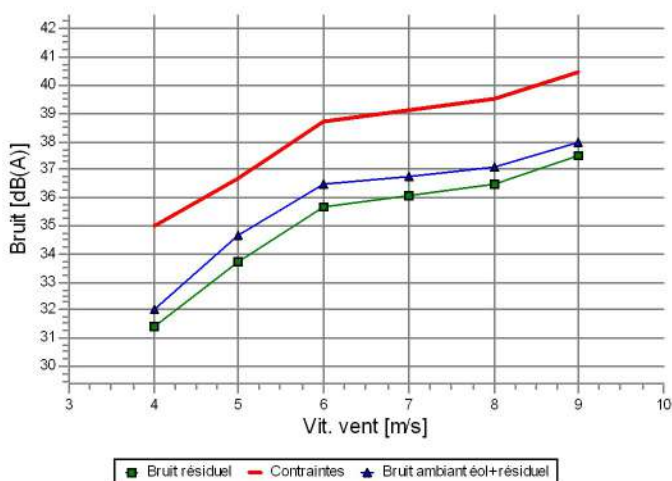
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,2	5,0	23,2	33,6	0,4	Oui
5,0	34,9	5,0	27,6	35,6	0,7	Oui
6,0	36,7	5,0	28,5	37,3	0,6	Oui
7,0	38,6	5,0	28,4	39,0	0,4	Oui
8,0	40,0	5,0	28,2	40,3	0,3	Oui
9,0	40,0	5,0	28,3	40,3	0,3	Oui

Z PF7 nocturne SO



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	31,8	3,0	23,2	32,4	0,6	Oui
5,0	34,4	3,0	27,6	35,2	0,8	Oui
6,0	35,7	3,0	28,5	36,5	0,8	Oui
7,0	36,1	3,0	28,4	36,8	0,7	Oui
8,0	36,8	3,0	28,2	37,4	0,6	Oui
9,0	37,5	3,0	28,3	38,0	0,5	Oui

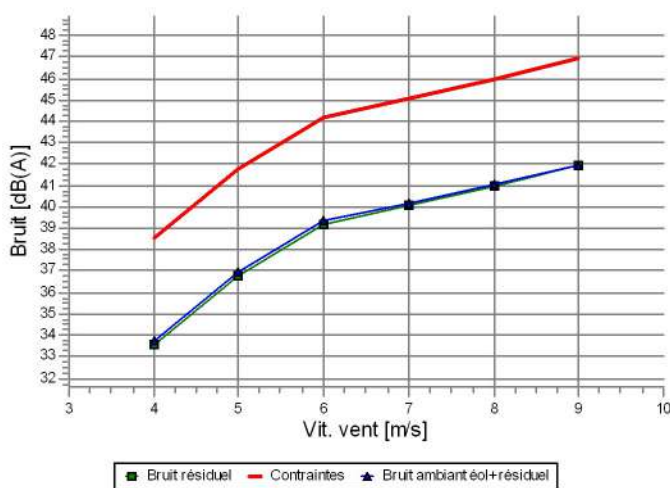
AA PF7 nocturne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	31,4	3,0	23,2	32,0	0,6	Oui
5,0	33,7	3,0	27,6	34,6	0,9	Oui
6,0	35,7	3,0	28,5	36,5	0,8	Oui
7,0	36,1	3,0	28,4	36,8	0,7	Oui
8,0	36,5	3,0	28,2	37,1	0,6	Oui
9,0	37,5	3,0	28,3	38,0	0,5	Oui

DECIBEL - Analyse des résultats

Calcul: 3 - Calcul sonore "parc en service" et projet Viapres
 Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
 AB PF1 diurne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore éoliennes	Bruit éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,6	5,0	18,7	33,7	0,1	Oui
5,0	36,8	5,0	22,9	37,0	0,2	Oui
6,0	39,2	5,0	23,9	39,3	0,1	Oui
7,0	40,1	5,0	23,8	40,2	0,1	Oui
8,0	41,0	5,0	23,6	41,1	0,1	Oui
9,0	41,9	5,0	23,7	42,0	0,1	Oui

DECIBEL - Hypothèses de calcul

Calcul: 3 - Calcul sonore "parc en service" et projet Viapres

Modèle utilisé pour les calculs de bruit:

ISO 9613-2 France 2006

Vit. vent (à 10m de hauteur):

4,0 m/s - 9,0 m/s, par pas de 1,0 m/s

Atténuation du sol:

Générale, dureté uniforme, Dureté sol: 0,7

Coefficient météorologique, CO:

0,0 dB

Type de contrainte utilisée pour le calcul:

2 : L'émergence due aux éol. est comparée à l'émergence réglementaire (FR etc.)

Expression des niveaux de bruit utilisées dans les calculs:

Toutes les valeurs sont des niveaux moy. Lwa (distri. normale)

Prise en compte des tons isolés:

En augmentant la contrainte par la pénalité pour tons isolés

Bibliothèque d'éoliennes

Hauteur en l'absence de valeur dans l'objet Zone-bruit-réglémenté:

1,5 m; Interdire de substituer la hauteur définie dans le modèle par celle de l'objet Zone-bruit-réglémenté

Marge liée à l'incertitude (ajoutée au résultat principal):

0,0 dB; Marge liée à l'incertitude des objets Zone-bruit-réglémentée en priorité

Modification de la contrainte réglementaire : plus restrictive si < 0, moins restrictive si > 0.:

0,0 dB(A)

Bandes d'octave requises

Absorption atmosphérique variable en fonction de la fréquence

63	125	250	500	1.000	2.000	4.000	8.000
[dB/km]	[dB/km]	[dB/km]	[dB/km]	[dB/km]	[dB/km]	[dB/km]	[dB/km]
0,10	0,40	1,00	1,90	3,70	9,70	32,80	117,00

Eoliennes: ENERCON E-160 EP5 E2 5500 160.0 !O!

Bruit: E-160 EP5 E2 - OM 0 s

Source Date source Etabli par Modifié(e) le
ENERCON GmbH 13.05.2020 EMD 28.05.2020 16:22

The sound power levels do not include uncertainties.

According to manufacturer specification document (D0921349-1/D0921364-1).

Enercon reserves the right to change the above specifications without prior notice.

Type de valeur	Hauteur [m]	Vit. vent [m/s]	Lwa,ref [dB(A)]	Tons isolés	Bandes d'octave							
					63 [dB]	125 [dB]	250 [dB]	500 [dB]	1000 [dB]	2000 [dB]	4000 [dB]	8000 [dB]
De la bibliothèque	140,0	4,0	101,2	Non	82,0	87,4	90,0	93,4	95,8	96,5	89,9	71,6
De la bibliothèque	140,0	5,0	105,9	Non	86,1	91,6	94,0	97,4	100,5	101,6	95,2	76,8
De la bibliothèque	140,0	6,0	106,8	Non	86,9	92,5	95,0	98,5	101,4	102,4	96,0	77,6
De la bibliothèque	140,0	7,0	106,8	Non	87,0	92,5	94,7	98,1	101,3	102,6	96,2	77,8
De la bibliothèque	140,0	8,0	106,8	Non	87,2	92,6	94,6	97,5	101,1	102,9	96,6	78,3
De la bibliothèque	140,0	9,0	106,8	Non	87,5	92,8	95,0	97,8	100,7	102,8	97,0	78,9

Zone-bruit-réglémenté: A PF1 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,4 dB(A) 36,4 dB(A) 38,7 dB(A) 39,6 dB(A) 40,5 dB(A) 41,4 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglémenté: B PF1 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

DECIBEL - Hypothèses de calcul

Calcul: 3 - Calcul sonore "parc en service" et projet Viapres

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
32,5 dB(A) 36,0 dB(A) 37,4 dB(A) 37,4 dB(A) 38,5 dB(A) 39,1 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglé: C PF1 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
32,7 dB(A) 36,5 dB(A) 37,3 dB(A) 37,4 dB(A) 38,4 dB(A) 39,1 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglé: D PF2 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,2 dB(A) 34,9 dB(A) 37,0 dB(A) 39,6 dB(A) 40,6 dB(A) 41,2 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglé: E PF2 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,1 dB(A) 34,8 dB(A) 36,8 dB(A) 39,5 dB(A) 40,6 dB(A) 41,1 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglé: F PF2 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
29,5 dB(A) 32,1 dB(A) 34,1 dB(A) 34,8 dB(A) 35,6 dB(A) 37,4 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglé: G PF2 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

DECIBEL - Hypothèses de calcul

Calcul: 3 - Calcul sonore "parc en service" et projet Viapres

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
29,3 dB(A) 31,7 dB(A) 34,0 dB(A) 35,2 dB(A) 35,3 dB(A) 37,4 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste \leq à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglémenté: H PF3 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,4 dB(A) 35,5 dB(A) 37,3 dB(A) 39,2 dB(A) 40,4 dB(A) 40,5 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste \leq à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglémenté: I PF3 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,2 dB(A) 34,9 dB(A) 36,7 dB(A) 38,6 dB(A) 40,0 dB(A) 40,0 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste \leq à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglémenté: J PF3 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
31,8 dB(A) 34,4 dB(A) 35,6 dB(A) 36,0 dB(A) 36,8 dB(A) 37,4 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste \leq à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglémenté: K PF3 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
31,4 dB(A) 33,7 dB(A) 35,6 dB(A) 36,0 dB(A) 36,4 dB(A) 37,4 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste \leq à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglémenté: L PF4 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

DECIBEL - Hypothèses de calcul

Calcul: 3 - Calcul sonore "parc en service" et projet Viapres

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
31,6 dB(A) 33,6 dB(A) 36,2 dB(A) 37,7 dB(A) 38,9 dB(A) 39,4 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: M PF4 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
31,5 dB(A) 33,5 dB(A) 36,1 dB(A) 37,7 dB(A) 38,9 dB(A) 39,4 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: N PF4 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
30,4 dB(A) 33,6 dB(A) 34,8 dB(A) 34,8 dB(A) 35,6 dB(A) 36,9 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: O PF4 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
30,3 dB(A) 33,5 dB(A) 35,4 dB(A) 34,9 dB(A) 35,6 dB(A) 37,4 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: P PF5 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,9 dB(A) 34,4 dB(A) 35,9 dB(A) 37,3 dB(A) 38,5 dB(A) 39,3 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: Q PF5 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

Projet:

AU501 - Viapres 2020-10-29

Titulaire de la licence:

Intervent SAS
3 boulevard de l'Europe Tour de l'Europe 183
FR-681007 Mulhouse
+33 (0)3 89 66 37 51
LEMAIRE / s.leroux@intervent.fr
Calculé le:
02.11.2020 09:54/3.3.294

DECIBEL - Hypothèses de calcul

Calcul: 3 - Calcul sonore "parc en service" et projet Viapres

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
30,1 dB(A) 31,7 dB(A) 33,9 dB(A) 34,3 dB(A) 34,4 dB(A) 34,8 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglémenté: R PF5 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
30,1 dB(A) 31,7 dB(A) 33,9 dB(A) 34,3 dB(A) 34,4 dB(A) 34,8 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglémenté: S PF5 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
30,5 dB(A) 32,8 dB(A) 35,3 dB(A) 35,2 dB(A) 35,5 dB(A) 36,4 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglémenté: T PF6 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
32,7 dB(A) 33,4 dB(A) 36,4 dB(A) 38,7 dB(A) 40,7 dB(A) 40,7 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglémenté: U PF6 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,2 dB(A) 34,4 dB(A) 37,4 dB(A) 39,7 dB(A) 41,3 dB(A) 41,4 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglémenté: V PF6 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

DECIBEL - Hypothèses de calcul

Calcul: 3 - Calcul sonore "parc en service" et projet Viapres

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
30,3 dB(A) 32,1 dB(A) 32,9 dB(A) 34,6 dB(A) 35,5 dB(A) 37,3 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglé: W PF6 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
31,1 dB(A) 33,3 dB(A) 34,9 dB(A) 36,0 dB(A) 36,6 dB(A) 38,5 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglé: X PF7 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,4 dB(A) 35,5 dB(A) 37,3 dB(A) 39,2 dB(A) 40,4 dB(A) 40,5 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglé: Y PF7 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,2 dB(A) 34,9 dB(A) 36,7 dB(A) 38,6 dB(A) 40,0 dB(A) 40,0 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglé: Z PF7 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
31,8 dB(A) 34,4 dB(A) 35,7 dB(A) 36,1 dB(A) 36,8 dB(A) 37,5 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglé: AA PF7 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

Projet:

AU501 - Viapres 2020-10-29

Titulaire de la licence:

Intervent SAS

3 boulevard de l'Europe Tour de l'Europe 183

FR-681007 Mulhouse

+33 (0)3 89 66 37 51

LEMAIRE / s.leroux@intervent.fr

Calculé le:

02.11.2020 09:54/3.3.294

DECIBEL - Hypothèses de calcul

Calcul: 3 - Calcul sonore "parc en service" et projet Viapres

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,6 dB(A) 36,8 dB(A) 39,2 dB(A) 40,1 dB(A) 41,0 dB(A) 41,9 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste \leq à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglémenté: AB PF1 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,6 dB(A) 36,8 dB(A) 39,2 dB(A) 40,1 dB(A) 41,0 dB(A) 41,9 dB(A)

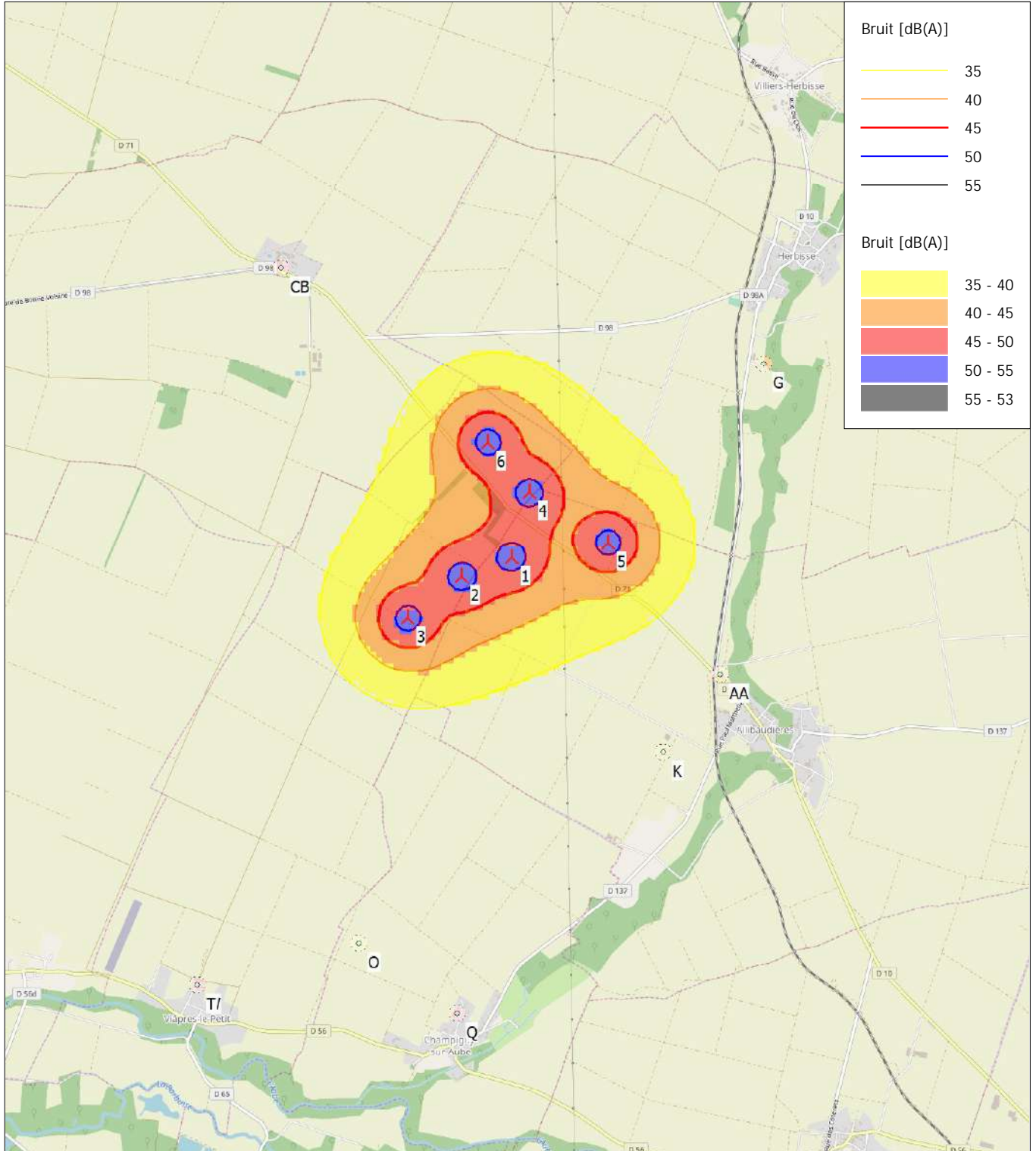
Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste \leq à: 35,0 dB(A)

Pas de contrainte de distance

DECIBEL - Carte 8,0 m/s

Calcul: 3 - Calcul sonore "parc en service" et projet Viapres



0 500 1000 1500 2000 m

Carte: EMD OpenStreetMap , Echelle à l'impression 1:50.000, Centre de la carte French Lambert93-RGF93 (FR) Est: 779.510 Nord: 6.833.460
Nouvelle-éolienne Zone-bruit-réglémenté
Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006. Vit. vent: 8,0 m/s
Altitude à partir de l'objet Données-lignes actif

DECIBEL - Principaux résultats

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction

Modèle utilisé pour les calculs de bruit:
ISO 9613-2 France 2006

Vit. vent (à 10m de hauteur):
4,0 m/s - 9,0 m/s, par pas de 1,0 m/s

Atténuation du sol:
Générale, dureté uniforme, Dureté sol: 0,7

Coefficient météorologique, CO:
0,0 dB

Type de contrainte utilisée pour le calcul:
2 : L'émergence due aux éol. est comparée à l'émergence réglementaire (FR

Expression des niveaux de bruit utilisées dans les calculs:
Toutes les valeurs sont des niveaux moy. Lwa (distri. normale)

Prise en compte des tons isolés:
En augmentant la contrainte par la pénalité pour tons isolés

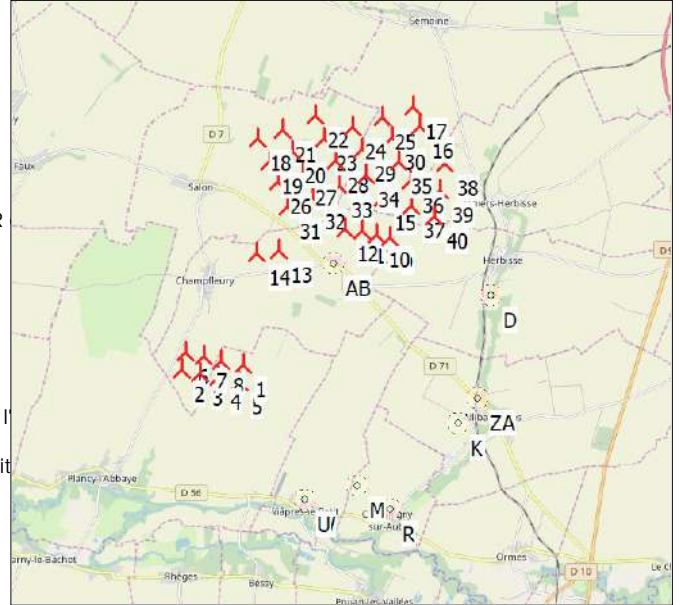
Bibliothèque d'éoliennes
Hauteur en l'absence de valeur dans l'objet

Zone-bruit-réglémenté:
1,5 m; Interdire de substituer la hauteur définie dans le modèle par celle de l

Marge liée à l'incertitude (ajoutée au résultat principal):
0,0 dB; Marge liée à l'incertitude des objets Zone-bruit-réglémentée en priorit

Modification de la contrainte réglementaire : plus restrictive si < 0,
moins restrictive si > 0.:

0,0 dB(A)



Echelle 1:200.000

Nouvelle-éolienne Zone-bruit-réglémenté

Toutes les coordonnées sont
French Lambert93-RGF93 (FR)

Eoliennes

X	Y	Z	Description	Type d'éolienne		Puiss. nominale	Diamètre rotor	Hauteur	Données de bruit		Tere vitesse du vent [m/s]	LwaRef [dB(A)]	Dernière vit. de vent [m/s]	LwaRef [dB(A)]	Tons isolés	
				Valide	Fabricant				Modèle	Embl						Nom
1	775.146	6.833.484	98,3 PUYATS	Oui	VESTAS	V126-3.45 HTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	94,9	9,0	104,4	Non h
2	773.508	6.833.344	98,3 PUYATS	Oui	VESTAS	V126-3.45 HTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	94,9	9,0	104,4	Non h
3	774.002	6.833.244	94,2 PUYATS	Oui	VESTAS	V126-3.45 HTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	94,9	9,0	104,4	Non h
4	774.493	6.833.145	91,4 PUYATS	Oui	VESTAS	V126-3.45 HTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	94,9	9,0	104,4	Non h
5	775.062	6.833.029	98,9 PUYATS	Oui	VESTAS	V126-3.45 HTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	94,9	9,0	104,4	Non h
6	773.601	6.833.798	102,3 PUYATS	Oui	VESTAS	V126-3.45 HTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	94,9	9,0	104,4	Non h
7	774.095	6.833.698	98,8 PUYATS	Oui	VESTAS	V126-3.45 HTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	94,9	9,0	104,4	Non h
8	774.587	6.833.598	95,7 PUYATS	Oui	VESTAS	V126-3.45 HTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	94,9	9,0	104,4	Non h
9	779.005	6.836.896	130,9 BONNE VOISINE	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,1	9,0	107,3	Non h
10	778.660	6.836.981	140,0 BONNE VOISINE	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,1	9,0	107,3	Non h
11	778.274	6.837.062	138,6 BONNE VOISINE	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,1	9,0	107,3	Non h
12	777.798	6.837.101	140,0 BONNE VOISINE	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,1	9,0	107,3	Non h
13	776.053	6.836.533	121,9 ORMELOTS	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,1	9,0	107,3	Non h
14	775.486	6.836.443	124,3 ORMELOTS	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,1	9,0	107,3	Non h
15	778.803	6.837.968	150,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
16	779.767	6.839.868	135,3 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
17	779.563	6.840.352	137,3 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
18	775.450	6.839.479	132,2 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
19	775.771	6.838.884	116,9 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
20	776.384	6.839.159	120,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
21	776.114	6.839.712	130,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
22	776.970	6.840.101	130,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
23	777.203	6.839.493	124,6 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
24	777.948	6.839.803	131,9 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
25	778.772	6.840.070	139,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
26	776.014	6.838.354	111,7 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
27	776.659	6.838.585	118,9 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
28	777.521	6.838.919	120,2 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
29	778.244	6.839.229	130,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
30	779.017	6.839.550	133,7 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
31	776.267	6.837.679	125,4 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
32	776.918	6.837.954	126,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
33	777.638	6.838.264	130,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
34	778.348	6.838.552	130,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
35	779.216	6.838.919	136,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
36	779.531	6.838.412	140,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
37	779.552	6.837.768	140,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
38	780.426	6.838.891	128,1 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
39	780.298	6.838.167	124,9 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
40	780.175	6.837.465	140,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h

h) Bandes d'octave génériques utilisées

Résultats des calculs

DECIBEL - Principaux résultats

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction

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Eoliennes	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
34	2499	2499	2499	4595	4595	4595	4595	7008	7008	7008	7008	8236	8236	8236	8236	8875	8875	8875	8875	8757	8757	8757
35	3217	3217	3217	4295	4295	4295	4295	7099	7099	7099	7099	8658	8658	8658	8658	9210	9210	9210	9210	9302	9302	9302
36	3007	3007	3007	3700	3700	3700	3700	6534	6534	6534	6534	8198	8198	8198	8198	8712	8712	8712	8712	8903	8903	8903
37	2588	2588	2588	3188	3188	3188	3188	5901	5901	5901	5901	7566	7566	7566	7566	8070	8070	8070	8070	8298	8298	8298
38	3980	3980	3980	3697	3697	3697	3697	6887	6887	6887	6887	8848	8848	8848	8848	9275	9275	9275	9275	9657	9657	9657
39	3426	3426	3426	3085	3085	3085	3085	6175	6175	6175	6175	8115	8115	8115	8115	8540	8540	8540	8540	8938	8938	8938
40	2966	2966	2966	2556	2556	2556	2556	5491	5491	5491	5491	7405	7405	7405	7405	7827	7827	7827	7827	8245	8245	8245

Eoliennes	W	X	Y	Z	AA	AB
1	3939	6281	6281	6281	6281	3590
2	4770	7896	7896	7896	7896	4902
3	4363	7396	7396	7396	7396	4574
4	3981	6900	6900	6900	6900	4283
5	3574	6325	6325	6325	6325	3997
6	5045	7854	7854	7854	7854	4572
7	4662	7351	7351	7351	7351	4220
8	4306	6851	6851	6851	6851	3901
9	7299	4816	4816	4816	4816	1665
10	7286	5067	5067	5067	5067	1404
11	7279	5350	5350	5350	5350	1162
12	7238	5670	5670	5670	5670	948
13	6652	6559	6559	6559	6559	1474
14	6654	6978	6978	6978	6978	2018
15	8279	5859	5859	5859	5859	2199
16	10364	7341	7341	7341	7341	4313
17	10777	7860	7860	7860	7860	4637
18	9652	9001	9001	9001	9001	3858
19	9021	8345	8345	8345	8345	3184
20	9244	8161	8161	8161	8161	3155
21	9812	8764	8764	8764	8764	3768
22	10175	8610	8610	8610	8610	3931
23	9573	7969	7969	7969	7969	3301
24	9939	7883	7883	7883	7883	3627
25	10326	7812	7812	7812	7812	4072
26	8467	7790	7790	7790	7790	2607
27	8660	7540	7540	7540	7540	2521
28	9018	7314	7314	7314	7314	2715
29	9408	7237	7237	7237	7237	3117
30	9868	7241	7241	7241	7241	3678
31	7773	7132	7132	7132	7132	1916
32	8028	6888	6888	6888	6888	1841
33	8376	6701	6701	6701	6701	2065
34	8757	6585	6585	6585	6585	2499
35	9302	6580	6580	6580	6580	3217
36	8903	5999	5999	5999	5999	3007
37	8298	5382	5382	5382	5382	2588
38	9657	6259	6259	6259	6259	3980
39	8938	5568	5568	5568	5568	3426
40	8245	4910	4910	4910	4910	2966

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Données du calcul

Calcul de L(DW) = LWA,ref + K + Dc - (Adiv + Aatm + Agr + Abar + Amisc) - Cmet
(calcul avec atténuation du sol => Dc = Omega)

LWA,ref:	Niveau source de bruit de l'éolienne
K:	Tons isolés
Dc:	Correction de directivité
Adiv:	Atténuation due à la divergence géométrique
Aatm:	Atténuation due à l'absorption atmosphérique
Agr:	Atténuation du sol
Abar:	Atténuation due à une barrière anti-bruit
Amisc:	Atténuation due à d'autres effets
Cmet:	Correction météorologique

Résultats des calculs

Zone-bruit-réglémenté: A PF1 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	4,27	94,9	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	0,53	94,9	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	1,36	94,9	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	2,15	94,9	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	2,99	94,9	0,00	83,03	-	-	0,00	0,00	-
6	4.572	4.573	1,37	94,9	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	2,33	94,9	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	3,28	94,9	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	13,76	95,1	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	15,77	95,1	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	17,97	95,1	0,00	72,34	-	-	0,00	0,00	-
12	948	954	20,26	95,1	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	15,21	95,1	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	11,42	95,1	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	11,01	95,8	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	2,60	95,8	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	1,73	95,8	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	3,92	95,8	0,00	82,73	-	-	0,00	0,00	-
19	3.184	3.186	6,31	95,8	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	6,43	95,8	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	4,20	95,8	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	3,69	95,8	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	5,85	95,8	0,00	81,38	-	-	0,00	0,00	-
24	3.627	3.630	4,64	95,8	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	3,28	95,8	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	8,88	95,8	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	9,31	95,8	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	8,37	95,8	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	6,59	95,8	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	4,48	95,8	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	12,72	95,8	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	13,21	95,8	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	11,80	95,8	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	9,41	95,8	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	6,18	95,8	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	7,05	95,8	0,00	80,57	-	-	0,00	0,00	-
37	2.588	2.591	8,97	95,8	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	3,55	95,8	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	5,36	95,8	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	7,23	95,8	0,00	80,45	-	-	0,00	0,00	-
Somme			26,57								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	8,66	99,3	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	4,91	99,3	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	5,75	99,3	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	6,54	99,3	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	7,37	99,3	0,00	83,03	-	-	0,00	0,00	-
6	4.572	4.573	5,75	99,3	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	6,72	99,3	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	7,66	99,3	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	18,29	99,6	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	20,30	99,6	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	22,50	99,6	0,00	72,34	-	-	0,00	0,00	-
12	948	954	24,79	99,6	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	19,74	99,6	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	15,95	99,6	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	15,70	100,5	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	7,28	100,5	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	6,42	100,5	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	8,61	100,5	0,00	82,73	-	-	0,00	0,00	-
19	3.184	3.186	11,00	100,5	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	11,12	100,5	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	8,88	100,5	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	8,38	100,5	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	10,53	100,5	0,00	81,38	-	-	0,00	0,00	-
24	3.627	3.630	9,33	100,5	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	7,96	100,5	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	13,57	100,5	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	13,99	100,5	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	13,06	100,5	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	11,28	100,5	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	9,17	100,5	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	17,41	100,5	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	17,90	100,5	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	16,49	100,5	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	14,10	100,5	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	10,87	100,5	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	11,74	100,5	0,00	80,57	-	-	0,00	0,00	-
37	2.588	2.591	13,66	100,5	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	8,24	100,5	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	10,05	100,5	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	11,92	100,5	0,00	80,45	-	-	0,00	0,00	-
Somme			31,16								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	12,42	103,1	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	8,67	103,1	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	9,51	103,1	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	10,30	103,1	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	11,13	103,1	0,00	83,03	-	-	0,00	0,00	-
6	4.572	4.573	9,51	103,1	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	10,48	103,1	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	11,43	103,1	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	22,36	103,7	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	24,38	103,7	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	26,57	103,7	0,00	72,34	-	-	0,00	0,00	-
12	948	954	28,86	103,7	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	23,81	103,7	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	20,02	103,7	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	19,85	104,6	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	11,43	104,6	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	10,57	104,6	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	12,75	104,6	0,00	82,73	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
19	3.184	3.186	15,15	104,6	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	15,26	104,6	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	13,03	104,6	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	12,53	104,6	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	14,68	104,6	0,00	81,38	-	-	0,00	0,00	-
24	3.627	3.630	13,47	104,6	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	12,11	104,6	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	17,71	104,6	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	18,14	104,6	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	17,20	104,6	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	15,42	104,6	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	13,31	104,6	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	21,56	104,6	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	22,04	104,6	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	20,63	104,6	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	18,25	104,6	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	15,01	104,6	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	15,88	104,6	0,00	80,57	-	-	0,00	0,00	-
37	2.588	2.591	17,80	104,6	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	12,38	104,6	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	14,19	104,6	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	16,06	104,6	0,00	80,45	-	-	0,00	0,00	-
Somme			35,25								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	13,69	104,4	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	9,95	104,4	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	10,78	104,4	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	11,58	104,4	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	12,41	104,4	0,00	83,03	-	-	0,00	0,00	-
6	4.572	4.573	10,79	104,4	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	11,76	104,4	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	12,70	104,4	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	25,48	106,8	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	27,49	106,8	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	29,69	106,8	0,00	72,34	-	-	0,00	0,00	-
12	948	954	31,98	106,8	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	26,93	106,8	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	23,14	106,8	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	22,38	107,1	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	13,96	107,1	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	13,10	107,1	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	15,28	107,1	0,00	82,73	-	-	0,00	0,00	-
19	3.184	3.186	17,68	107,1	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	17,80	107,1	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	15,56	107,1	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	15,06	107,1	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	17,21	107,1	0,00	81,38	-	-	0,00	0,00	-
24	3.627	3.630	16,01	107,1	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	14,64	107,1	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	20,25	107,1	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	20,67	107,1	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	19,73	107,1	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	17,95	107,1	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	15,84	107,1	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	24,09	107,1	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	24,57	107,1	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	23,16	107,1	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	20,78	107,1	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	17,54	107,1	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	18,41	107,1	0,00	80,57	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
37	2.588	2.591	20,33	107,1	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	14,91	107,1	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	16,72	107,1	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	18,59	107,1	0,00	80,45	-	-	0,00	0,00	-
Somme			38,11								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	13,72	104,4	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	9,98	104,4	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	10,81	104,4	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	11,60	104,4	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	12,44	104,4	0,00	83,03	-	-	0,00	0,00	-
6	4.572	4.573	10,82	104,4	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	11,78	104,4	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	12,73	104,4	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	25,95	107,3	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	27,96	107,3	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	30,16	107,3	0,00	72,34	-	-	0,00	0,00	-
12	948	954	32,45	107,3	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	27,40	107,3	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	23,61	107,3	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	22,53	107,3	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	14,11	107,3	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	13,25	107,3	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	15,43	107,3	0,00	82,73	-	-	0,00	0,00	-
19	3.184	3.186	17,83	107,3	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	17,95	107,3	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	15,71	107,3	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	15,21	107,3	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	17,36	107,3	0,00	81,38	-	-	0,00	0,00	-
24	3.627	3.630	16,16	107,3	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	14,79	107,3	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	20,40	107,3	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	20,82	107,3	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	19,88	107,3	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	18,10	107,3	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	15,99	107,3	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	24,24	107,3	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	24,72	107,3	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	23,31	107,3	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	20,93	107,3	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	17,69	107,3	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	18,56	107,3	0,00	80,57	-	-	0,00	0,00	-
37	2.588	2.591	20,48	107,3	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	15,06	107,3	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	16,87	107,3	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	18,74	107,3	0,00	80,45	-	-	0,00	0,00	-
Somme			38,47								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	13,72	104,4	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	9,98	104,4	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	10,81	104,4	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	11,60	104,4	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	12,44	104,4	0,00	83,03	-	-	0,00	0,00	-
6	4.572	4.573	10,82	104,4	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	11,78	104,4	0,00	83,51	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
8	3.901	3.902	12,73	104,4	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	25,95	107,3	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	27,96	107,3	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	30,16	107,3	0,00	72,34	-	-	0,00	0,00	-
12	948	954	32,45	107,3	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	27,40	107,3	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	23,61	107,3	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	22,53	107,3	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	14,11	107,3	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	13,25	107,3	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	15,43	107,3	0,00	82,73	-	-	0,00	0,00	-
19	3.184	3.186	17,83	107,3	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	17,95	107,3	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	15,71	107,3	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	15,21	107,3	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	17,36	107,3	0,00	81,38	-	-	0,00	0,00	-
24	3.627	3.630	16,16	107,3	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	14,79	107,3	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	20,40	107,3	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	20,82	107,3	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	19,88	107,3	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	18,10	107,3	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	15,99	107,3	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	24,24	107,3	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	24,72	107,3	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	23,31	107,3	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	20,93	107,3	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	17,69	107,3	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	18,56	107,3	0,00	80,57	-	-	0,00	0,00	-
37	2.588	2.591	20,48	107,3	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	15,06	107,3	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	16,87	107,3	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	18,74	107,3	0,00	80,45	-	-	0,00	0,00	-
Somme			38,47								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglementé: B PF1 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	4,27	94,9	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	0,53	94,9	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	1,36	94,9	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	2,15	94,9	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	2,99	94,9	0,00	83,03	-	-	0,00	0,00	-
6	4.572	4.573	1,37	94,9	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	2,33	94,9	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	3,28	94,9	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	13,76	95,1	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	15,77	95,1	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	17,97	95,1	0,00	72,34	-	-	0,00	0,00	-
12	948	954	20,26	95,1	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	15,21	95,1	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	11,42	95,1	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	11,01	95,8	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	2,60	95,8	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	1,73	95,8	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	3,92	95,8	0,00	82,73	-	-	0,00	0,00	-
19	3.184	3.186	6,31	95,8	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	6,43	95,8	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	4,20	95,8	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	3,69	95,8	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	5,85	95,8	0,00	81,38	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
24	3.627	3.630	4,64	95,8	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	3,28	95,8	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	8,88	95,8	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	9,31	95,8	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	8,37	95,8	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	6,59	95,8	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	4,48	95,8	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	12,72	95,8	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	13,21	95,8	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	11,80	95,8	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	9,41	95,8	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	6,18	95,8	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	7,05	95,8	0,00	80,57	-	-	0,00	0,00	-
37	2.588	2.591	8,97	95,8	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	3,55	95,8	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	5,36	95,8	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	7,23	95,8	0,00	80,45	-	-	0,00	0,00	-
Somme			26,57								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	8,66	99,3	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	4,91	99,3	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	5,75	99,3	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	6,54	99,3	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	7,37	99,3	0,00	83,03	-	-	0,00	0,00	-
6	4.572	4.573	5,75	99,3	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	6,72	99,3	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	7,66	99,3	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	18,29	99,6	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	20,30	99,6	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	22,50	99,6	0,00	72,34	-	-	0,00	0,00	-
12	948	954	24,79	99,6	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	19,74	99,6	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	15,95	99,6	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	15,70	100,5	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	7,28	100,5	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	6,42	100,5	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	8,61	100,5	0,00	82,73	-	-	0,00	0,00	-
19	3.184	3.186	11,00	100,5	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	11,12	100,5	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	8,88	100,5	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	8,38	100,5	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	10,53	100,5	0,00	81,38	-	-	0,00	0,00	-
24	3.627	3.630	9,33	100,5	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	7,96	100,5	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	13,57	100,5	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	13,99	100,5	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	13,06	100,5	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	11,28	100,5	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	9,17	100,5	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	17,41	100,5	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	17,90	100,5	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	16,49	100,5	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	14,10	100,5	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	10,87	100,5	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	11,74	100,5	0,00	80,57	-	-	0,00	0,00	-
37	2.588	2.591	13,66	100,5	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	8,24	100,5	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	10,05	100,5	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	11,92	100,5	0,00	80,45	-	-	0,00	0,00	-
Somme			31,16								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	12,42	103,1	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	8,67	103,1	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	9,51	103,1	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	10,30	103,1	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	11,13	103,1	0,00	83,03	-	-	0,00	0,00	-
6	4.572	4.573	9,51	103,1	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	10,48	103,1	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	11,43	103,1	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	22,36	103,7	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	24,38	103,7	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	26,57	103,7	0,00	72,34	-	-	0,00	0,00	-
12	948	954	28,86	103,7	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	23,81	103,7	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	20,02	103,7	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	19,85	104,6	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	11,43	104,6	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	10,57	104,6	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	12,75	104,6	0,00	82,73	-	-	0,00	0,00	-
19	3.184	3.186	15,15	104,6	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	15,26	104,6	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	13,03	104,6	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	12,53	104,6	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	14,68	104,6	0,00	81,38	-	-	0,00	0,00	-
24	3.627	3.630	13,47	104,6	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	12,11	104,6	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	17,71	104,6	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	18,14	104,6	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	17,20	104,6	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	15,42	104,6	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	13,31	104,6	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	21,56	104,6	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	22,04	104,6	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	20,63	104,6	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	18,25	104,6	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	15,01	104,6	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	15,88	104,6	0,00	80,57	-	-	0,00	0,00	-
37	2.588	2.591	17,80	104,6	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	12,38	104,6	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	14,19	104,6	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	16,06	104,6	0,00	80,45	-	-	0,00	0,00	-
Somme			35,25								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	13,69	104,4	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	9,95	104,4	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	10,78	104,4	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	11,58	104,4	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	12,41	104,4	0,00	83,03	-	-	0,00	0,00	-
6	4.572	4.573	10,79	104,4	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	11,76	104,4	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	12,70	104,4	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	25,48	106,8	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	27,49	106,8	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	29,69	106,8	0,00	72,34	-	-	0,00	0,00	-
12	948	954	31,98	106,8	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	26,93	106,8	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	23,14	106,8	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	22,38	107,1	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	13,96	107,1	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	13,10	107,1	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	15,28	107,1	0,00	82,73	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
19	3.184	3.186	17,68	107,1	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	17,80	107,1	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	15,56	107,1	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	15,06	107,1	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	17,21	107,1	0,00	81,38	-	-	0,00	0,00	-
24	3.627	3.630	16,01	107,1	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	14,64	107,1	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	20,25	107,1	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	20,67	107,1	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	19,73	107,1	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	17,95	107,1	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	15,84	107,1	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	24,09	107,1	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	24,57	107,1	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	23,16	107,1	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	20,78	107,1	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	17,54	107,1	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	18,41	107,1	0,00	80,57	-	-	0,00	0,00	-
37	2.588	2.591	20,33	107,1	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	14,91	107,1	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	16,72	107,1	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	18,59	107,1	0,00	80,45	-	-	0,00	0,00	-
Somme			38,11								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	13,72	104,4	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	9,98	104,4	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	10,81	104,4	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	11,60	104,4	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	12,44	104,4	0,00	83,03	-	-	0,00	0,00	-
6	4.572	4.573	10,82	104,4	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	11,78	104,4	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	12,73	104,4	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	25,95	107,3	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	27,96	107,3	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	30,16	107,3	0,00	72,34	-	-	0,00	0,00	-
12	948	954	32,45	107,3	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	27,40	107,3	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	23,61	107,3	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	22,53	107,3	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	14,11	107,3	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	13,25	107,3	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	15,43	107,3	0,00	82,73	-	-	0,00	0,00	-
19	3.184	3.186	17,83	107,3	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	17,95	107,3	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	15,71	107,3	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	15,21	107,3	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	17,36	107,3	0,00	81,38	-	-	0,00	0,00	-
24	3.627	3.630	16,16	107,3	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	14,79	107,3	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	20,40	107,3	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	20,82	107,3	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	19,88	107,3	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	18,10	107,3	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	15,99	107,3	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	24,24	107,3	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	24,72	107,3	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	23,31	107,3	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	20,93	107,3	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	17,69	107,3	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	18,56	107,3	0,00	80,57	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
37	2.588	2.591	20,48	107,3	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	15,06	107,3	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	16,87	107,3	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	18,74	107,3	0,00	80,45	-	-	0,00	0,00	-
Somme			38,47								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	13,72	104,4	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	9,98	104,4	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	10,81	104,4	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	11,60	104,4	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	12,44	104,4	0,00	83,03	-	-	0,00	0,00	-
6	4.572	4.573	10,82	104,4	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	11,78	104,4	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	12,73	104,4	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	25,95	107,3	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	27,96	107,3	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	30,16	107,3	0,00	72,34	-	-	0,00	0,00	-
12	948	954	32,45	107,3	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	27,40	107,3	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	23,61	107,3	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	22,53	107,3	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	14,11	107,3	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	13,25	107,3	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	15,43	107,3	0,00	82,73	-	-	0,00	0,00	-
19	3.184	3.186	17,83	107,3	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	17,95	107,3	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	15,71	107,3	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	15,21	107,3	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	17,36	107,3	0,00	81,38	-	-	0,00	0,00	-
24	3.627	3.630	16,16	107,3	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	14,79	107,3	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	20,40	107,3	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	20,82	107,3	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	19,88	107,3	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	18,10	107,3	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	15,99	107,3	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	24,24	107,3	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	24,72	107,3	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	23,31	107,3	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	20,93	107,3	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	17,69	107,3	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	18,56	107,3	0,00	80,57	-	-	0,00	0,00	-
37	2.588	2.591	20,48	107,3	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	15,06	107,3	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	16,87	107,3	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	18,74	107,3	0,00	80,45	-	-	0,00	0,00	-
Somme			38,47								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: C PF1 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	4,27	94,9	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	0,53	94,9	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	1,36	94,9	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	2,15	94,9	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	2,99	94,9	0,00	83,03	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
6	4.572	4.573	1,37	94,9	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	2,33	94,9	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	3,28	94,9	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	13,76	95,1	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	15,77	95,1	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	17,97	95,1	0,00	72,34	-	-	0,00	0,00	-
12	948	954	20,26	95,1	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	15,21	95,1	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	11,42	95,1	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	11,01	95,8	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	2,60	95,8	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	1,73	95,8	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	3,92	95,8	0,00	82,73	-	-	0,00	0,00	-
19	3.184	3.186	6,31	95,8	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	6,43	95,8	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	4,20	95,8	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	3,69	95,8	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	5,85	95,8	0,00	81,38	-	-	0,00	0,00	-
24	3.627	3.630	4,64	95,8	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	3,28	95,8	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	8,88	95,8	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	9,31	95,8	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	8,37	95,8	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	6,59	95,8	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	4,48	95,8	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	12,72	95,8	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	13,21	95,8	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	11,80	95,8	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	9,41	95,8	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	6,18	95,8	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	7,05	95,8	0,00	80,57	-	-	0,00	0,00	-
37	2.588	2.591	8,97	95,8	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	3,55	95,8	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	5,36	95,8	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	7,23	95,8	0,00	80,45	-	-	0,00	0,00	-
Somme			26,57								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	8,66	99,3	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	4,91	99,3	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	5,75	99,3	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	6,54	99,3	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	7,37	99,3	0,00	83,03	-	-	0,00	0,00	-
6	4.572	4.573	5,75	99,3	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	6,72	99,3	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	7,66	99,3	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	18,29	99,6	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	20,30	99,6	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	22,50	99,6	0,00	72,34	-	-	0,00	0,00	-
12	948	954	24,79	99,6	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	19,74	99,6	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	15,95	99,6	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	15,70	100,5	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	7,28	100,5	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	6,42	100,5	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	8,61	100,5	0,00	82,73	-	-	0,00	0,00	-
19	3.184	3.186	11,00	100,5	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	11,12	100,5	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	8,88	100,5	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	8,38	100,5	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	10,53	100,5	0,00	81,38	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
24	3.627	3.630	9,33	100,5	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	7,96	100,5	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	13,57	100,5	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	13,99	100,5	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	13,06	100,5	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	11,28	100,5	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	9,17	100,5	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	17,41	100,5	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	17,90	100,5	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	16,49	100,5	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	14,10	100,5	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	10,87	100,5	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	11,74	100,5	0,00	80,57	-	-	0,00	0,00	-
37	2.588	2.591	13,66	100,5	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	8,24	100,5	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	10,05	100,5	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	11,92	100,5	0,00	80,45	-	-	0,00	0,00	-
Somme			31,16								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	12,42	103,1	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	8,67	103,1	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	9,51	103,1	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	10,30	103,1	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	11,13	103,1	0,00	83,03	-	-	0,00	0,00	-
6	4.572	4.573	9,51	103,1	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	10,48	103,1	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	11,43	103,1	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	22,36	103,7	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	24,38	103,7	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	26,57	103,7	0,00	72,34	-	-	0,00	0,00	-
12	948	954	28,86	103,7	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	23,81	103,7	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	20,02	103,7	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	19,85	104,6	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	11,43	104,6	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	10,57	104,6	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	12,75	104,6	0,00	82,73	-	-	0,00	0,00	-
19	3.184	3.186	15,15	104,6	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	15,26	104,6	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	13,03	104,6	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	12,53	104,6	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	14,68	104,6	0,00	81,38	-	-	0,00	0,00	-
24	3.627	3.630	13,47	104,6	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	12,11	104,6	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	17,71	104,6	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	18,14	104,6	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	17,20	104,6	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	15,42	104,6	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	13,31	104,6	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	21,56	104,6	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	22,04	104,6	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	20,63	104,6	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	18,25	104,6	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	15,01	104,6	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	15,88	104,6	0,00	80,57	-	-	0,00	0,00	-
37	2.588	2.591	17,80	104,6	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	12,38	104,6	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	14,19	104,6	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	16,06	104,6	0,00	80,45	-	-	0,00	0,00	-
Somme			35,25								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	13,69	104,4	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	9,95	104,4	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	10,78	104,4	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	11,58	104,4	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	12,41	104,4	0,00	83,03	-	-	0,00	0,00	-
6	4.572	4.573	10,79	104,4	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	11,76	104,4	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	12,70	104,4	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	25,48	106,8	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	27,49	106,8	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	29,69	106,8	0,00	72,34	-	-	0,00	0,00	-
12	948	954	31,98	106,8	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	26,93	106,8	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	23,14	106,8	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	22,38	107,1	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	13,96	107,1	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	13,10	107,1	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	15,28	107,1	0,00	82,73	-	-	0,00	0,00	-
19	3.184	3.186	17,68	107,1	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	17,80	107,1	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	15,56	107,1	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	15,06	107,1	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	17,21	107,1	0,00	81,38	-	-	0,00	0,00	-
24	3.627	3.630	16,01	107,1	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	14,64	107,1	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	20,25	107,1	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	20,67	107,1	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	19,73	107,1	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	17,95	107,1	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	15,84	107,1	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	24,09	107,1	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	24,57	107,1	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	23,16	107,1	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	20,78	107,1	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	17,54	107,1	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	18,41	107,1	0,00	80,57	-	-	0,00	0,00	-
37	2.588	2.591	20,33	107,1	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	14,91	107,1	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	16,72	107,1	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	18,59	107,1	0,00	80,45	-	-	0,00	0,00	-
Somme			38,11								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	13,72	104,4	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	9,98	104,4	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	10,81	104,4	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	11,60	104,4	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	12,44	104,4	0,00	83,03	-	-	0,00	0,00	-
6	4.572	4.573	10,82	104,4	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	11,78	104,4	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	12,73	104,4	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	25,95	107,3	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	27,96	107,3	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	30,16	107,3	0,00	72,34	-	-	0,00	0,00	-
12	948	954	32,45	107,3	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	27,40	107,3	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	23,61	107,3	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	22,53	107,3	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	14,11	107,3	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	13,25	107,3	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	15,43	107,3	0,00	82,73	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
19	3.184	3.186	17,83	107,3	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	17,95	107,3	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	15,71	107,3	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	15,21	107,3	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	17,36	107,3	0,00	81,38	-	-	0,00	0,00	-
24	3.627	3.630	16,16	107,3	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	14,79	107,3	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	20,40	107,3	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	20,82	107,3	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	19,88	107,3	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	18,10	107,3	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	15,99	107,3	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	24,24	107,3	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	24,72	107,3	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	23,31	107,3	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	20,93	107,3	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	17,69	107,3	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	18,56	107,3	0,00	80,57	-	-	0,00	0,00	-
37	2.588	2.591	20,48	107,3	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	15,06	107,3	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	16,87	107,3	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	18,74	107,3	0,00	80,45	-	-	0,00	0,00	-
Somme			38,47								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	13,72	104,4	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	9,98	104,4	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	10,81	104,4	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	11,60	104,4	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	12,44	104,4	0,00	83,03	-	-	0,00	0,00	-
6	4.572	4.573	10,82	104,4	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	11,78	104,4	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	12,73	104,4	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	25,95	107,3	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	27,96	107,3	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	30,16	107,3	0,00	72,34	-	-	0,00	0,00	-
12	948	954	32,45	107,3	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	27,40	107,3	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	23,61	107,3	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	22,53	107,3	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	14,11	107,3	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	13,25	107,3	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	15,43	107,3	0,00	82,73	-	-	0,00	0,00	-
19	3.184	3.186	17,83	107,3	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	17,95	107,3	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	15,71	107,3	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	15,21	107,3	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	17,36	107,3	0,00	81,38	-	-	0,00	0,00	-
24	3.627	3.630	16,16	107,3	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	14,79	107,3	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	20,40	107,3	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	20,82	107,3	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	19,88	107,3	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	18,10	107,3	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	15,99	107,3	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	24,24	107,3	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	24,72	107,3	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	23,31	107,3	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	20,93	107,3	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	17,69	107,3	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	18,56	107,3	0,00	80,57	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
37	2.588	2.591	20,48	107,3	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	15,06	107,3	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	16,87	107,3	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	18,74	107,3	0,00	80,45	-	-	0,00	0,00	-
Somme			38,47								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: D PF2 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	-3,49	94,9	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	-5,99	94,9	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	-5,35	94,9	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	-4,68	94,9	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	-3,87	94,9	0,00	88,00	-	-	0,00	0,00	-
6	8.279	8.279	-5,72	94,9	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	-5,04	94,9	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	-4,34	94,9	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	6,23	95,1	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	4,97	95,1	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	3,71	95,1	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	2,37	95,1	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	-1,28	95,1	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	-2,35	95,1	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	3,89	95,8	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	1,20	95,8	0,00	84,72	-	-	0,00	0,00	-
17	5.375	5.377	-0,02	95,8	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	-3,89	95,8	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	-2,93	95,8	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	-2,28	95,8	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	-3,23	95,8	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	-2,56	95,8	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	-1,47	95,8	0,00	86,67	-	-	0,00	0,00	-
24	5.775	5.777	-0,87	95,8	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	-0,29	95,8	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	-2,10	95,8	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	-1,25	95,8	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	-0,20	95,8	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	0,49	95,8	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	1,01	95,8	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	-1,12	95,8	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	-0,13	95,8	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	0,91	95,8	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	1,84	95,8	0,00	84,25	-	-	0,00	0,00	-
35	4.295	4.298	2,64	95,8	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	4,41	95,8	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	6,29	95,8	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	4,42	95,8	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	6,72	95,8	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	9,13	95,8	0,00	79,16	-	-	0,00	0,00	-
Somme			17,70								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	0,90	99,3	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	-1,60	99,3	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	-0,96	99,3	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	-0,29	99,3	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	0,52	99,3	0,00	88,00	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
6	8.279	8.279	-1,33	99,3	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	-0,66	99,3	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	0,05	99,3	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	10,76	99,6	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	9,50	99,6	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	8,24	99,6	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	6,90	99,6	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	3,25	99,6	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	2,18	99,6	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	8,57	100,5	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	5,89	100,5	0,00	84,72	-	-	0,00	0,00	-
17	5.375	5.377	4,67	100,5	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	0,80	100,5	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	1,76	100,5	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	2,40	100,5	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	1,46	100,5	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	2,13	100,5	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	3,22	100,5	0,00	86,67	-	-	0,00	0,00	-
24	5.775	5.777	3,82	100,5	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	4,40	100,5	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	2,58	100,5	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	3,44	100,5	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	4,48	100,5	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	5,18	100,5	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	5,70	100,5	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	3,57	100,5	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	4,56	100,5	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	5,60	100,5	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	6,53	100,5	0,00	84,25	-	-	0,00	0,00	-
35	4.295	4.298	7,33	100,5	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	9,10	100,5	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	10,98	100,5	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	9,11	100,5	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	11,41	100,5	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	13,82	100,5	0,00	79,16	-	-	0,00	0,00	-
Somme			22,34								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	4,66	103,1	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	2,16	103,1	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	2,80	103,1	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	3,47	103,1	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	4,28	103,1	0,00	88,00	-	-	0,00	0,00	-
6	8.279	8.279	2,43	103,1	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	3,10	103,1	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	3,81	103,1	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	14,83	103,7	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	13,58	103,7	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	12,31	103,7	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	10,97	103,7	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	7,33	103,7	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	6,25	103,7	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	12,72	104,6	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	10,04	104,6	0,00	84,72	-	-	0,00	0,00	-
17	5.375	5.377	8,81	104,6	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	4,94	104,6	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	5,90	104,6	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	6,55	104,6	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	5,60	104,6	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	6,28	104,6	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	7,36	104,6	0,00	86,67	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
24	5.775	5.777	7,96	104,6	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	8,55	104,6	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	6,73	104,6	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	7,58	104,6	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	8,63	104,6	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	9,32	104,6	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	9,84	104,6	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	7,71	104,6	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	8,70	104,6	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	9,74	104,6	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	10,68	104,6	0,00	84,25	-	-	0,00	0,00	-
35	4.295	4.298	11,48	104,6	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	13,24	104,6	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	15,12	104,6	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	13,25	104,6	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	15,55	104,6	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	17,96	104,6	0,00	79,16	-	-	0,00	0,00	-
Somme			26,46								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	5,93	104,4	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	3,43	104,4	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	4,08	104,4	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	4,74	104,4	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	5,56	104,4	0,00	88,00	-	-	0,00	0,00	-
6	8.279	8.279	3,70	104,4	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	4,38	104,4	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	5,08	104,4	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	17,95	106,8	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	16,69	106,8	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	15,43	106,8	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	14,09	106,8	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	10,44	106,8	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	9,37	106,8	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	15,25	107,1	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	12,57	107,1	0,00	84,72	-	-	0,00	0,00	-
17	5.375	5.377	11,34	107,1	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	7,48	107,1	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	8,43	107,1	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	9,08	107,1	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	8,13	107,1	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	8,81	107,1	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	9,89	107,1	0,00	86,67	-	-	0,00	0,00	-
24	5.775	5.777	10,49	107,1	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	11,08	107,1	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	9,26	107,1	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	10,11	107,1	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	11,16	107,1	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	11,85	107,1	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	12,37	107,1	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	10,24	107,1	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	11,24	107,1	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	12,28	107,1	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	13,21	107,1	0,00	84,25	-	-	0,00	0,00	-
35	4.295	4.298	14,01	107,1	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	15,77	107,1	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	17,66	107,1	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	15,78	107,1	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	18,08	107,1	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	20,49	107,1	0,00	79,16	-	-	0,00	0,00	-
Somme			29,07								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	5,96	104,4	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	3,46	104,4	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	4,11	104,4	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	4,77	104,4	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	5,58	104,4	0,00	88,00	-	-	0,00	0,00	-
6	8.279	8.279	3,73	104,4	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	4,41	104,4	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	5,11	104,4	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	18,42	107,3	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	17,16	107,3	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	15,90	107,3	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	14,56	107,3	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	10,91	107,3	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	9,84	107,3	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	15,40	107,3	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	12,72	107,3	0,00	84,72	-	-	0,00	0,00	-
17	5.375	5.377	11,49	107,3	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	7,63	107,3	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	8,58	107,3	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	9,23	107,3	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	8,28	107,3	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	8,96	107,3	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	10,04	107,3	0,00	86,67	-	-	0,00	0,00	-
24	5.775	5.777	10,64	107,3	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	11,23	107,3	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	9,41	107,3	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	10,26	107,3	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	11,31	107,3	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	12,00	107,3	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	12,52	107,3	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	11,39	107,3	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	12,43	107,3	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	13,36	107,3	0,00	84,25	-	-	0,00	0,00	-
35	4.295	4.298	14,16	107,3	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	15,92	107,3	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	17,81	107,3	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	15,93	107,3	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	18,23	107,3	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	20,64	107,3	0,00	79,16	-	-	0,00	0,00	-
Somme			29,30								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	5,96	104,4	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	3,46	104,4	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	4,11	104,4	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	4,77	104,4	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	5,58	104,4	0,00	88,00	-	-	0,00	0,00	-
6	8.279	8.279	3,73	104,4	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	4,41	104,4	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	5,11	104,4	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	18,42	107,3	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	17,16	107,3	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	15,90	107,3	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	14,56	107,3	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	10,91	107,3	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	9,84	107,3	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	15,40	107,3	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	12,72	107,3	0,00	84,72	-	-	0,00	0,00	-
17	5.375	5.377	11,49	107,3	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	7,63	107,3	0,00	88,46	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
19	6.879	6.880	8,58	107,3	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	9,23	107,3	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	8,28	107,3	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	8,96	107,3	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	10,04	107,3	0,00	86,67	-	-	0,00	0,00	-
24	5.775	5.777	10,64	107,3	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	11,23	107,3	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	9,41	107,3	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	10,26	107,3	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	11,31	107,3	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	12,00	107,3	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	12,52	107,3	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	11,39	107,3	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	12,43	107,3	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	13,36	107,3	0,00	84,25	-	-	0,00	0,00	-
35	4.295	4.298	14,16	107,3	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	15,92	107,3	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	17,81	107,3	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	15,93	107,3	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	18,23	107,3	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	20,64	107,3	0,00	79,16	-	-	0,00	0,00	-
Somme			29,30								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: E PF2 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	-3,49	94,9	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	-5,99	94,9	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	-5,35	94,9	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	-4,68	94,9	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	-3,87	94,9	0,00	88,00	-	-	0,00	0,00	-
6	8.279	8.279	-5,72	94,9	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	-5,04	94,9	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	-4,34	94,9	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	6,23	95,1	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	4,97	95,1	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	3,71	95,1	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	2,37	95,1	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	-1,28	95,1	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	-2,35	95,1	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	3,89	95,8	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	1,20	95,8	0,00	84,72	-	-	0,00	0,00	-
17	5.375	5.377	-0,02	95,8	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	-3,89	95,8	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	-2,93	95,8	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	-2,28	95,8	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	-3,23	95,8	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	-2,56	95,8	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	-1,47	95,8	0,00	86,67	-	-	0,00	0,00	-
24	5.775	5.777	-0,87	95,8	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	-0,29	95,8	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	-2,10	95,8	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	-1,25	95,8	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	-0,20	95,8	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	0,49	95,8	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	1,01	95,8	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	-1,12	95,8	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	-0,13	95,8	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	0,91	95,8	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	1,84	95,8	0,00	84,25	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	4.295	4.298	2,64	95,8	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	4,41	95,8	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	6,29	95,8	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	4,42	95,8	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	6,72	95,8	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	9,13	95,8	0,00	79,16	-	-	0,00	0,00	-
Somme			17,70								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	0,90	99,3	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	-1,60	99,3	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	-0,96	99,3	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	-0,29	99,3	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	0,52	99,3	0,00	88,00	-	-	0,00	0,00	-
6	8.279	8.279	-1,33	99,3	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	-0,66	99,3	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	0,05	99,3	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	10,76	99,6	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	9,50	99,6	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	8,24	99,6	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	6,90	99,6	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	3,25	99,6	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	2,18	99,6	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	8,57	100,5	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	5,89	100,5	0,00	84,72	-	-	0,00	0,00	-
17	5.375	5.377	4,67	100,5	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	0,80	100,5	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	1,76	100,5	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	2,40	100,5	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	1,46	100,5	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	2,13	100,5	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	3,22	100,5	0,00	86,67	-	-	0,00	0,00	-
24	5.775	5.777	3,82	100,5	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	4,40	100,5	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	2,58	100,5	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	3,44	100,5	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	4,48	100,5	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	5,18	100,5	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	5,70	100,5	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	3,57	100,5	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	4,56	100,5	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	5,60	100,5	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	6,53	100,5	0,00	84,25	-	-	0,00	0,00	-
35	4.295	4.298	7,33	100,5	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	9,10	100,5	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	10,98	100,5	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	9,11	100,5	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	11,41	100,5	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	13,82	100,5	0,00	79,16	-	-	0,00	0,00	-
Somme			22,34								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	4,66	103,1	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	2,16	103,1	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	2,80	103,1	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	3,47	103,1	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	4,28	103,1	0,00	88,00	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
6	8.279	8.279	2,43	103,1	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	3,10	103,1	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	3,81	103,1	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	14,83	103,7	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	13,58	103,7	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	12,31	103,7	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	10,97	103,7	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	7,33	103,7	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	6,25	103,7	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	12,72	104,6	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	10,04	104,6	0,00	84,72	-	-	0,00	0,00	-
17	5.375	5.377	8,81	104,6	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	4,94	104,6	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	5,90	104,6	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	6,55	104,6	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	5,60	104,6	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	6,28	104,6	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	7,36	104,6	0,00	86,67	-	-	0,00	0,00	-
24	5.775	5.777	7,96	104,6	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	8,55	104,6	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	6,73	104,6	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	7,58	104,6	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	8,63	104,6	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	9,32	104,6	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	9,84	104,6	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	7,71	104,6	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	8,70	104,6	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	9,74	104,6	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	10,68	104,6	0,00	84,25	-	-	0,00	0,00	-
35	4.295	4.298	11,48	104,6	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	13,24	104,6	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	15,12	104,6	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	13,25	104,6	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	15,55	104,6	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	17,96	104,6	0,00	79,16	-	-	0,00	0,00	-
Somme			26,46								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	5,93	104,4	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	3,43	104,4	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	4,08	104,4	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	4,74	104,4	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	5,56	104,4	0,00	88,00	-	-	0,00	0,00	-
6	8.279	8.279	3,70	104,4	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	4,38	104,4	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	5,08	104,4	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	17,95	106,8	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	16,69	106,8	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	15,43	106,8	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	14,09	106,8	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	10,44	106,8	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	9,37	106,8	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	15,25	107,1	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	12,57	107,1	0,00	84,72	-	-	0,00	0,00	-
17	5.375	5.377	11,34	107,1	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	7,48	107,1	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	8,43	107,1	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	9,08	107,1	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	8,13	107,1	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	8,81	107,1	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	9,89	107,1	0,00	86,67	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
24	5.775	5.777	10,49	107,1	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	11,08	107,1	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	9,26	107,1	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	10,11	107,1	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	11,16	107,1	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	11,85	107,1	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	12,37	107,1	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	10,24	107,1	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	11,24	107,1	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	12,28	107,1	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	13,21	107,1	0,00	84,25	-	-	0,00	0,00	-
35	4.295	4.298	14,01	107,1	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	15,77	107,1	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	17,66	107,1	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	15,78	107,1	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	18,08	107,1	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	20,49	107,1	0,00	79,16	-	-	0,00	0,00	-
Somme			29,07								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	5,96	104,4	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	3,46	104,4	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	4,11	104,4	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	4,77	104,4	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	5,58	104,4	0,00	88,00	-	-	0,00	0,00	-
6	8.279	8.279	3,73	104,4	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	4,41	104,4	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	5,11	104,4	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	18,42	107,3	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	17,16	107,3	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	15,90	107,3	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	14,56	107,3	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	10,91	107,3	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	9,84	107,3	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	15,40	107,3	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	12,72	107,3	0,00	84,72	-	-	0,00	0,00	-
17	5.375	5.377	11,49	107,3	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	7,63	107,3	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	8,58	107,3	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	9,23	107,3	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	8,28	107,3	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	8,96	107,3	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	10,04	107,3	0,00	86,67	-	-	0,00	0,00	-
24	5.775	5.777	10,64	107,3	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	11,23	107,3	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	9,41	107,3	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	10,26	107,3	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	11,31	107,3	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	12,00	107,3	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	12,52	107,3	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	11,39	107,3	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	12,43	107,3	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	13,36	107,3	0,00	84,25	-	-	0,00	0,00	-
35	4.295	4.298	14,16	107,3	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	15,92	107,3	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	17,81	107,3	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	15,93	107,3	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	18,23	107,3	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	20,64	107,3	0,00	79,16	-	-	0,00	0,00	-
Somme			29,30								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	5,96	104,4	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	3,46	104,4	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	4,11	104,4	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	4,77	104,4	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	5,58	104,4	0,00	88,00	-	-	0,00	0,00	-
6	8.279	8.279	3,73	104,4	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	4,41	104,4	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	5,11	104,4	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	18,42	107,3	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	17,16	107,3	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	15,90	107,3	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	14,56	107,3	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	10,91	107,3	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	9,84	107,3	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	15,40	107,3	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	12,72	107,3	0,00	84,72	-	-	0,00	0,00	-
17	5.375	5.377	11,49	107,3	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	7,63	107,3	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	8,58	107,3	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	9,23	107,3	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	8,28	107,3	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	8,96	107,3	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	10,04	107,3	0,00	86,67	-	-	0,00	0,00	-
24	5.775	5.777	10,64	107,3	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	11,23	107,3	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	9,41	107,3	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	10,26	107,3	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	11,31	107,3	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	12,00	107,3	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	12,52	107,3	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	11,39	107,3	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	12,43	107,3	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	13,36	107,3	0,00	84,25	-	-	0,00	0,00	-
35	4.295	4.298	14,16	107,3	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	15,92	107,3	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	17,81	107,3	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	15,93	107,3	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	18,23	107,3	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	20,64	107,3	0,00	79,16	-	-	0,00	0,00	-
Somme			29,30								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: F PF2 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	-3,49	94,9	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	-5,99	94,9	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	-5,35	94,9	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	-4,68	94,9	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	-3,87	94,9	0,00	88,00	-	-	0,00	0,00	-
6	8.279	8.279	-5,72	94,9	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	-5,04	94,9	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	-4,34	94,9	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	6,23	95,1	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	4,97	95,1	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	3,71	95,1	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	2,37	95,1	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	-1,28	95,1	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	-2,35	95,1	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	3,89	95,8	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	1,20	95,8	0,00	84,72	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
17	5.375	5.377	-0,02	95,8	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	-3,89	95,8	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	-2,93	95,8	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	-2,28	95,8	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	-3,23	95,8	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	-2,56	95,8	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	-1,47	95,8	0,00	86,67	-	-	0,00	0,00	-
24	5.775	5.777	-0,87	95,8	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	-0,29	95,8	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	-2,10	95,8	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	-1,25	95,8	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	-0,20	95,8	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	0,49	95,8	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	1,01	95,8	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	-1,12	95,8	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	-0,13	95,8	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	0,91	95,8	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	1,84	95,8	0,00	84,25	-	-	0,00	0,00	-
35	4.295	4.298	2,64	95,8	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	4,41	95,8	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	6,29	95,8	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	4,42	95,8	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	6,72	95,8	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	9,13	95,8	0,00	79,16	-	-	0,00	0,00	-
Somme			17,70								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	0,90	99,3	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	-1,60	99,3	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	-0,96	99,3	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	-0,29	99,3	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	0,52	99,3	0,00	88,00	-	-	0,00	0,00	-
6	8.279	8.279	-1,33	99,3	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	-0,66	99,3	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	0,05	99,3	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	10,76	99,6	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	9,50	99,6	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	8,24	99,6	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	6,90	99,6	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	3,25	99,6	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	2,18	99,6	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	8,57	100,5	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	5,89	100,5	0,00	84,72	-	-	0,00	0,00	-
17	5.375	5.377	4,67	100,5	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	0,80	100,5	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	1,76	100,5	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	2,40	100,5	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	1,46	100,5	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	2,13	100,5	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	3,22	100,5	0,00	86,67	-	-	0,00	0,00	-
24	5.775	5.777	3,82	100,5	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	4,40	100,5	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	2,58	100,5	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	3,44	100,5	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	4,48	100,5	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	5,18	100,5	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	5,70	100,5	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	3,57	100,5	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	4,56	100,5	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	5,60	100,5	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	6,53	100,5	0,00	84,25	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	4.295	4.298	7,33	100,5	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	9,10	100,5	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	10,98	100,5	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	9,11	100,5	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	11,41	100,5	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	13,82	100,5	0,00	79,16	-	-	0,00	0,00	-
Somme			22,34								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	4,66	103,1	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	2,16	103,1	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	2,80	103,1	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	3,47	103,1	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	4,28	103,1	0,00	88,00	-	-	0,00	0,00	-
6	8.279	8.279	2,43	103,1	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	3,10	103,1	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	3,81	103,1	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	14,83	103,7	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	13,58	103,7	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	12,31	103,7	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	10,97	103,7	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	7,33	103,7	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	6,25	103,7	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	12,72	104,6	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	10,04	104,6	0,00	84,72	-	-	0,00	0,00	-
17	5.375	5.377	8,81	104,6	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	4,94	104,6	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	5,90	104,6	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	6,55	104,6	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	5,60	104,6	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	6,28	104,6	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	7,36	104,6	0,00	86,67	-	-	0,00	0,00	-
24	5.775	5.777	7,96	104,6	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	8,55	104,6	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	6,73	104,6	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	7,58	104,6	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	8,63	104,6	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	9,32	104,6	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	9,84	104,6	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	7,71	104,6	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	8,70	104,6	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	9,74	104,6	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	10,68	104,6	0,00	84,25	-	-	0,00	0,00	-
35	4.295	4.298	11,48	104,6	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	13,24	104,6	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	15,12	104,6	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	13,25	104,6	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	15,55	104,6	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	17,96	104,6	0,00	79,16	-	-	0,00	0,00	-
Somme			26,46								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	5,93	104,4	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	3,43	104,4	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	4,08	104,4	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	4,74	104,4	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	5,56	104,4	0,00	88,00	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
6	8.279	8.279	3,70	104,4	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	4,38	104,4	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	5,08	104,4	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	17,95	106,8	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	16,69	106,8	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	15,43	106,8	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	14,09	106,8	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	10,44	106,8	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	9,37	106,8	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	15,25	107,1	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	12,57	107,1	0,00	84,72	-	-	0,00	0,00	-
17	5.375	5.377	11,34	107,1	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	7,48	107,1	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	8,43	107,1	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	9,08	107,1	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	8,13	107,1	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	8,81	107,1	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	9,89	107,1	0,00	86,67	-	-	0,00	0,00	-
24	5.775	5.777	10,49	107,1	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	11,08	107,1	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	9,26	107,1	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	10,11	107,1	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	11,16	107,1	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	11,85	107,1	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	12,37	107,1	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	10,24	107,1	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	11,24	107,1	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	12,28	107,1	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	13,21	107,1	0,00	84,25	-	-	0,00	0,00	-
35	4.295	4.298	14,01	107,1	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	15,77	107,1	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	17,66	107,1	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	15,78	107,1	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	18,08	107,1	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	20,49	107,1	0,00	79,16	-	-	0,00	0,00	-
Somme			29,07								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	5,96	104,4	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	3,46	104,4	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	4,11	104,4	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	4,77	104,4	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	5,58	104,4	0,00	88,00	-	-	0,00	0,00	-
6	8.279	8.279	3,73	104,4	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	4,41	104,4	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	5,11	104,4	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	18,42	107,3	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	17,16	107,3	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	15,90	107,3	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	14,56	107,3	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	10,91	107,3	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	9,84	107,3	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	15,40	107,3	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	12,72	107,3	0,00	84,72	-	-	0,00	0,00	-
17	5.375	5.377	11,49	107,3	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	7,63	107,3	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	8,58	107,3	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	9,23	107,3	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	8,28	107,3	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	8,96	107,3	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	10,04	107,3	0,00	86,67	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
24	5.775	5.777	10,64	107,3	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	11,23	107,3	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	9,41	107,3	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	10,26	107,3	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	11,31	107,3	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	12,00	107,3	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	12,52	107,3	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	11,39	107,3	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	12,43	107,3	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	13,36	107,3	0,00	84,25	-	-	0,00	0,00	-
35	4.295	4.298	14,16	107,3	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	15,92	107,3	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	17,81	107,3	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	15,93	107,3	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	18,23	107,3	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	20,64	107,3	0,00	79,16	-	-	0,00	0,00	-
Somme			29,30								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	5,96	104,4	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	3,46	104,4	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	4,11	104,4	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	4,77	104,4	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	5,58	104,4	0,00	88,00	-	-	0,00	0,00	-
6	8.279	8.279	3,73	104,4	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	4,41	104,4	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	5,11	104,4	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	18,42	107,3	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	17,16	107,3	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	15,90	107,3	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	14,56	107,3	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	10,91	107,3	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	9,84	107,3	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	15,40	107,3	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	12,72	107,3	0,00	84,72	-	-	0,00	0,00	-
17	5.375	5.377	11,49	107,3	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	7,63	107,3	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	8,58	107,3	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	9,23	107,3	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	8,28	107,3	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	8,96	107,3	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	10,04	107,3	0,00	86,67	-	-	0,00	0,00	-
24	5.775	5.777	10,64	107,3	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	11,23	107,3	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	9,41	107,3	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	10,26	107,3	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	11,31	107,3	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	12,00	107,3	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	12,52	107,3	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	11,39	107,3	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	12,43	107,3	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	13,36	107,3	0,00	84,25	-	-	0,00	0,00	-
35	4.295	4.298	14,16	107,3	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	15,92	107,3	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	17,81	107,3	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	15,93	107,3	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	18,23	107,3	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	20,64	107,3	0,00	79,16	-	-	0,00	0,00	-
Somme			29,30								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglémenté: G PF2 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	-3,49	94,9	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	-5,99	94,9	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	-5,35	94,9	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	-4,68	94,9	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	-3,87	94,9	0,00	88,00	-	-	0,00	0,00	-
6	8.279	8.279	-5,72	94,9	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	-5,04	94,9	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	-4,34	94,9	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	6,23	95,1	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	4,97	95,1	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	3,71	95,1	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	2,37	95,1	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	-1,28	95,1	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	-2,35	95,1	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	3,89	95,8	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	1,20	95,8	0,00	84,72	-	-	0,00	0,00	-
17	5.375	5.377	-0,02	95,8	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	-3,89	95,8	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	-2,93	95,8	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	-2,28	95,8	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	-3,23	95,8	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	-2,56	95,8	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	-1,47	95,8	0,00	86,67	-	-	0,00	0,00	-
24	5.775	5.777	-0,87	95,8	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	-0,29	95,8	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	-2,10	95,8	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	-1,25	95,8	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	-0,20	95,8	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	0,49	95,8	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	1,01	95,8	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	-1,12	95,8	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	-0,13	95,8	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	0,91	95,8	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	1,84	95,8	0,00	84,25	-	-	0,00	0,00	-
35	4.295	4.298	2,64	95,8	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	4,41	95,8	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	6,29	95,8	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	4,42	95,8	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	6,72	95,8	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	9,13	95,8	0,00	79,16	-	-	0,00	0,00	-
Somme			17,70								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	0,90	99,3	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	-1,60	99,3	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	-0,96	99,3	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	-0,29	99,3	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	0,52	99,3	0,00	88,00	-	-	0,00	0,00	-
6	8.279	8.279	-1,33	99,3	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	-0,66	99,3	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	0,05	99,3	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	10,76	99,6	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	9,50	99,6	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	8,24	99,6	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	6,90	99,6	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	3,25	99,6	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	2,18	99,6	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	8,57	100,5	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	5,89	100,5	0,00	84,72	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
17	5.375	5.377	4,67	100,5	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	0,80	100,5	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	1,76	100,5	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	2,40	100,5	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	1,46	100,5	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	2,13	100,5	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	3,22	100,5	0,00	86,67	-	-	0,00	0,00	-
24	5.775	5.777	3,82	100,5	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	4,40	100,5	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	2,58	100,5	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	3,44	100,5	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	4,48	100,5	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	5,18	100,5	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	5,70	100,5	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	3,57	100,5	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	4,56	100,5	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	5,60	100,5	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	6,53	100,5	0,00	84,25	-	-	0,00	0,00	-
35	4.295	4.298	7,33	100,5	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	9,10	100,5	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	10,98	100,5	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	9,11	100,5	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	11,41	100,5	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	13,82	100,5	0,00	79,16	-	-	0,00	0,00	-
Somme			22,34								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	4,66	103,1	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	2,16	103,1	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	2,80	103,1	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	3,47	103,1	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	4,28	103,1	0,00	88,00	-	-	0,00	0,00	-
6	8.279	8.279	2,43	103,1	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	3,10	103,1	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	3,81	103,1	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	14,83	103,7	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	13,58	103,7	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	12,31	103,7	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	10,97	103,7	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	7,33	103,7	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	6,25	103,7	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	12,72	104,6	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	10,04	104,6	0,00	84,72	-	-	0,00	0,00	-
17	5.375	5.377	8,81	104,6	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	4,94	104,6	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	5,90	104,6	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	6,55	104,6	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	5,60	104,6	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	6,28	104,6	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	7,36	104,6	0,00	86,67	-	-	0,00	0,00	-
24	5.775	5.777	7,96	104,6	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	8,55	104,6	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	6,73	104,6	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	7,58	104,6	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	8,63	104,6	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	9,32	104,6	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	9,84	104,6	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	7,71	104,6	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	8,70	104,6	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	9,74	104,6	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	10,68	104,6	0,00	84,25	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	4.295	4.298	11,48	104,6	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	13,24	104,6	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	15,12	104,6	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	13,25	104,6	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	15,55	104,6	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	17,96	104,6	0,00	79,16	-	-	0,00	0,00	-
Somme			26,46								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	5,93	104,4	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	3,43	104,4	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	4,08	104,4	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	4,74	104,4	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	5,56	104,4	0,00	88,00	-	-	0,00	0,00	-
6	8.279	8.279	3,70	104,4	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	4,38	104,4	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	5,08	104,4	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	17,95	106,8	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	16,69	106,8	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	15,43	106,8	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	14,09	106,8	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	10,44	106,8	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	9,37	106,8	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	15,25	107,1	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	12,57	107,1	0,00	84,72	-	-	0,00	0,00	-
17	5.375	5.377	11,34	107,1	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	7,48	107,1	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	8,43	107,1	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	9,08	107,1	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	8,13	107,1	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	8,81	107,1	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	9,89	107,1	0,00	86,67	-	-	0,00	0,00	-
24	5.775	5.777	10,49	107,1	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	11,08	107,1	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	9,26	107,1	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	10,11	107,1	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	11,16	107,1	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	11,85	107,1	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	12,37	107,1	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	10,24	107,1	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	11,24	107,1	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	12,28	107,1	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	13,21	107,1	0,00	84,25	-	-	0,00	0,00	-
35	4.295	4.298	14,01	107,1	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	15,77	107,1	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	17,66	107,1	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	15,78	107,1	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	18,08	107,1	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	20,49	107,1	0,00	79,16	-	-	0,00	0,00	-
Somme			29,07								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	5,96	104,4	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	3,46	104,4	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	4,11	104,4	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	4,77	104,4	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	5,58	104,4	0,00	88,00	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
6	8.279	8.279	3,73	104,4	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	4,41	104,4	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	5,11	104,4	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	18,42	107,3	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	17,16	107,3	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	15,90	107,3	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	14,56	107,3	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	10,91	107,3	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	9,84	107,3	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	15,40	107,3	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	12,72	107,3	0,00	84,72	-	-	0,00	0,00	-
17	5.375	5.377	11,49	107,3	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	7,63	107,3	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	8,58	107,3	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	9,23	107,3	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	8,28	107,3	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	8,96	107,3	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	10,04	107,3	0,00	86,67	-	-	0,00	0,00	-
24	5.775	5.777	10,64	107,3	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	11,23	107,3	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	9,41	107,3	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	10,26	107,3	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	11,31	107,3	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	12,00	107,3	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	12,52	107,3	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	11,39	107,3	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	12,43	107,3	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	13,36	107,3	0,00	84,25	-	-	0,00	0,00	-
35	4.295	4.298	14,16	107,3	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	15,92	107,3	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	17,81	107,3	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	15,93	107,3	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	18,23	107,3	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	20,64	107,3	0,00	79,16	-	-	0,00	0,00	-
Somme			29,30								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.853	6.854	5,96	104,4	0,00	87,72	-	-	0,00	0,00	-
2	8.470	8.471	3,46	104,4	0,00	89,56	-	-	0,00	0,00	-
3	8.019	8.020	4,11	104,4	0,00	89,08	-	-	0,00	0,00	-
4	7.578	7.578	4,77	104,4	0,00	88,59	-	-	0,00	0,00	-
5	7.075	7.076	5,58	104,4	0,00	88,00	-	-	0,00	0,00	-
6	8.279	8.279	3,73	104,4	0,00	89,36	-	-	0,00	0,00	-
7	7.817	7.818	4,41	104,4	0,00	88,86	-	-	0,00	0,00	-
8	7.363	7.363	5,11	104,4	0,00	88,34	-	-	0,00	0,00	-
9	3.085	3.087	18,42	107,3	0,00	80,79	-	-	0,00	0,00	-
10	3.430	3.432	17,16	107,3	0,00	81,71	-	-	0,00	0,00	-
11	3.813	3.814	15,90	107,3	0,00	82,63	-	-	0,00	0,00	-
12	4.263	4.264	14,56	107,3	0,00	83,60	-	-	0,00	0,00	-
13	5.772	5.773	10,91	107,3	0,00	86,23	-	-	0,00	0,00	-
14	6.315	6.316	9,84	107,3	0,00	87,01	-	-	0,00	0,00	-
15	3.867	3.870	15,40	107,3	0,00	82,75	-	-	0,00	0,00	-
16	4.849	4.851	12,72	107,3	0,00	84,72	-	-	0,00	0,00	-
17	5.375	5.377	11,49	107,3	0,00	85,61	-	-	0,00	0,00	-
18	7.463	7.464	7,63	107,3	0,00	88,46	-	-	0,00	0,00	-
19	6.879	6.880	8,58	107,3	0,00	87,75	-	-	0,00	0,00	-
20	6.510	6.511	9,23	107,3	0,00	87,27	-	-	0,00	0,00	-
21	7.054	7.055	8,28	107,3	0,00	87,97	-	-	0,00	0,00	-
22	6.662	6.664	8,96	107,3	0,00	87,47	-	-	0,00	0,00	-
23	6.075	6.077	10,04	107,3	0,00	86,67	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
24	5.775	5.777	10,64	107,3	0,00	86,23	-	-	0,00	0,00	-
25	5.497	5.499	11,23	107,3	0,00	85,81	-	-	0,00	0,00	-
26	6.411	6.412	9,41	107,3	0,00	87,14	-	-	0,00	0,00	-
27	5.964	5.965	10,26	107,3	0,00	86,51	-	-	0,00	0,00	-
28	5.459	5.461	11,31	107,3	0,00	85,74	-	-	0,00	0,00	-
29	5.149	5.151	12,00	107,3	0,00	85,24	-	-	0,00	0,00	-
30	4.928	4.930	12,52	107,3	0,00	84,86	-	-	0,00	0,00	-
31	5.898	5.899	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
32	5.424	5.426	11,39	107,3	0,00	85,69	-	-	0,00	0,00	-
33	4.969	4.971	12,43	107,3	0,00	84,93	-	-	0,00	0,00	-
34	4.595	4.597	13,36	107,3	0,00	84,25	-	-	0,00	0,00	-
35	4.295	4.298	14,16	107,3	0,00	83,66	-	-	0,00	0,00	-
36	3.700	3.703	15,92	107,3	0,00	82,37	-	-	0,00	0,00	-
37	3.188	3.192	17,81	107,3	0,00	81,08	-	-	0,00	0,00	-
38	3.697	3.699	15,93	107,3	0,00	82,36	-	-	0,00	0,00	-
39	3.085	3.088	18,23	107,3	0,00	80,79	-	-	0,00	0,00	-
40	2.556	2.560	20,64	107,3	0,00	79,16	-	-	0,00	0,00	-
Somme			29,30								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: H PF3 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	-1,75	94,9	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	-4,55	94,9	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	-3,73	94,9	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	-2,84	94,9	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	-1,72	94,9	0,00	86,43	-	-	0,00	0,00	-
6	7.498	7.498	-4,55	94,9	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	-3,73	94,9	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	-2,85	94,9	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	-0,08	95,1	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	-0,56	95,1	0,00	85,71	-	-	0,00	0,00	-
11	5.678	5.680	-1,08	95,1	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	-1,63	95,1	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	-2,90	95,1	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	-3,54	95,1	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	-1,91	95,8	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	-4,59	95,8	0,00	88,98	-	-	0,00	0,00	-
17	8.437	8.438	-5,32	95,8	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	-6,35	95,8	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	-5,48	95,8	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	-5,32	95,8	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	-6,13	95,8	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	-6,04	95,8	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	-5,17	95,8	0,00	89,42	-	-	0,00	0,00	-
24	8.319	8.320	-5,15	95,8	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	-5,16	95,8	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	-4,68	95,8	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	-4,41	95,8	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	-4,22	95,8	0,00	88,70	-	-	0,00	0,00	-
29	7.678	7.679	-4,22	95,8	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	-4,34	95,8	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	-3,64	95,8	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	-3,37	95,8	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	-3,20	95,8	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	-3,15	95,8	0,00	87,91	-	-	0,00	0,00	-
35	7.099	7.100	-3,30	95,8	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	-2,33	95,8	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	-1,13	95,8	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	-2,95	95,8	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	-1,66	95,8	0,00	86,82	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
40	5.491	5.494	-0,28	95,8	0,00	85,80	-	-	0,00	0,00	-
Somme			12,87								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	2,64	99,3	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	-0,16	99,3	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	0,66	99,3	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	1,55	99,3	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	2,67	99,3	0,00	86,43	-	-	0,00	0,00	-
6	7.498	7.498	-0,16	99,3	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	0,66	99,3	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	1,54	99,3	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	4,44	99,6	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	3,97	99,6	0,00	85,71	-	-	0,00	0,00	-
11	5.678	5.680	3,45	99,6	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	2,90	99,6	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	1,63	99,6	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	0,99	99,6	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	2,78	100,5	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	0,10	100,5	0,00	88,98	-	-	0,00	0,00	-
17	8.437	8.438	-0,63	100,5	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	-1,67	100,5	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	-0,80	100,5	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	-0,63	100,5	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	-1,44	100,5	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	-1,35	100,5	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	-0,48	100,5	0,00	89,42	-	-	0,00	0,00	-
24	8.319	8.320	-0,46	100,5	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	-0,47	100,5	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	0,00	100,5	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	0,27	100,5	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	0,47	100,5	0,00	88,70	-	-	0,00	0,00	-
29	7.678	7.679	0,47	100,5	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	0,35	100,5	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	1,05	100,5	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	1,32	100,5	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	1,49	100,5	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	1,54	100,5	0,00	87,91	-	-	0,00	0,00	-
35	7.099	7.100	1,39	100,5	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	2,36	100,5	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	3,56	100,5	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	1,74	100,5	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	3,02	100,5	0,00	86,82	-	-	0,00	0,00	-
40	5.491	5.494	4,41	100,5	0,00	85,80	-	-	0,00	0,00	-
Somme			17,46								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	6,40	103,1	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	3,60	103,1	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	4,42	103,1	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	5,31	103,1	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	6,43	103,1	0,00	86,43	-	-	0,00	0,00	-
6	7.498	7.498	3,60	103,1	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	4,42	103,1	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	5,30	103,1	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	8,52	103,7	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	8,04	103,7	0,00	85,71	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
11	5.678	5.680	7,52	103,7	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	6,97	103,7	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	5,70	103,7	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	5,06	103,7	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	6,93	104,6	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	4,24	104,6	0,00	88,98	-	-	0,00	0,00	-
17	8.437	8.438	3,52	104,6	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	2,48	104,6	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	3,35	104,6	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	3,51	104,6	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	2,70	104,6	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	2,79	104,6	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	3,66	104,6	0,00	89,42	-	-	0,00	0,00	-
24	8.319	8.320	3,68	104,6	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	3,68	104,6	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	4,15	104,6	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	4,42	104,6	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	4,62	104,6	0,00	88,70	-	-	0,00	0,00	-
29	7.678	7.679	4,61	104,6	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	4,49	104,6	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	5,20	104,6	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	5,46	104,6	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	5,63	104,6	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	5,68	104,6	0,00	87,91	-	-	0,00	0,00	-
35	7.099	7.100	5,53	104,6	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	6,50	104,6	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	7,71	104,6	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	5,88	104,6	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	7,17	104,6	0,00	86,82	-	-	0,00	0,00	-
40	5.491	5.494	8,56	104,6	0,00	85,80	-	-	0,00	0,00	-
Somme			21,52								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	7,67	104,4	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	4,87	104,4	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	5,70	104,4	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	6,58	104,4	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	7,70	104,4	0,00	86,43	-	-	0,00	0,00	-
6	7.498	7.498	4,87	104,4	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	5,69	104,4	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	6,58	104,4	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	11,63	106,8	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	11,16	106,8	0,00	85,71	-	-	0,00	0,00	-
11	5.678	5.680	10,64	106,8	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	10,09	106,8	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	8,82	106,8	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	8,18	106,8	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	9,46	107,1	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	6,77	107,1	0,00	88,98	-	-	0,00	0,00	-
17	8.437	8.438	6,05	107,1	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	5,01	107,1	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	5,88	107,1	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	6,04	107,1	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	5,23	107,1	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	5,33	107,1	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	6,19	107,1	0,00	89,42	-	-	0,00	0,00	-
24	8.319	8.320	6,21	107,1	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	6,21	107,1	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	6,68	107,1	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	6,95	107,1	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	7,15	107,1	0,00	88,70	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
29	7.678	7.679	7,14	107,1	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	7,02	107,1	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	7,73	107,1	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	8,00	107,1	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	8,16	107,1	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	8,21	107,1	0,00	87,91	-	-	0,00	0,00	-
35	7.099	7.100	8,06	107,1	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	9,03	107,1	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	10,24	107,1	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	8,42	107,1	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	9,70	107,1	0,00	86,82	-	-	0,00	0,00	-
40	5.491	5.494	11,09	107,1	0,00	85,80	-	-	0,00	0,00	-
Somme			23,99								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	7,70	104,4	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	5,73	104,4	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	6,61	104,4	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	7,73	104,4	0,00	86,43	-	-	0,00	0,00	-
6	7.498	7.498	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	5,72	104,4	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	6,60	104,4	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	12,10	107,3	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	11,63	107,3	0,00	85,71	-	-	0,00	0,00	-
11	5.678	5.680	11,11	107,3	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	10,56	107,3	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	9,29	107,3	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	9,61	107,3	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	6,92	107,3	0,00	88,98	-	-	0,00	0,00	-
17	8.437	8.438	6,20	107,3	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	5,16	107,3	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	6,03	107,3	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	6,19	107,3	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	5,38	107,3	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	5,48	107,3	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	6,34	107,3	0,00	89,42	-	-	0,00	0,00	-
24	8.319	8.320	6,36	107,3	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	6,36	107,3	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	6,83	107,3	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	7,10	107,3	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
29	7.678	7.679	7,29	107,3	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	7,17	107,3	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	7,88	107,3	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	8,15	107,3	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	8,31	107,3	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	8,36	107,3	0,00	87,91	-	-	0,00	0,00	-
35	7.099	7.100	8,21	107,3	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	9,18	107,3	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	8,57	107,3	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	9,85	107,3	0,00	86,82	-	-	0,00	0,00	-
40	5.491	5.494	11,24	107,3	0,00	85,80	-	-	0,00	0,00	-
Somme			24,20								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	7,70	104,4	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	5,73	104,4	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	6,61	104,4	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	7,73	104,4	0,00	86,43	-	-	0,00	0,00	-
6	7.498	7.498	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	5,72	104,4	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	6,60	104,4	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	12,10	107,3	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	11,63	107,3	0,00	85,71	-	-	0,00	0,00	-
11	5.678	5.680	11,11	107,3	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	10,56	107,3	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	9,29	107,3	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	9,61	107,3	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	6,92	107,3	0,00	88,98	-	-	0,00	0,00	-
17	8.437	8.438	6,20	107,3	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	5,16	107,3	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	6,03	107,3	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	6,19	107,3	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	5,38	107,3	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	5,48	107,3	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	6,34	107,3	0,00	89,42	-	-	0,00	0,00	-
24	8.319	8.320	6,36	107,3	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	6,36	107,3	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	6,83	107,3	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	7,10	107,3	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
29	7.678	7.679	7,29	107,3	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	7,17	107,3	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	7,88	107,3	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	8,15	107,3	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	8,31	107,3	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	8,36	107,3	0,00	87,91	-	-	0,00	0,00	-
35	7.099	7.100	8,21	107,3	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	9,18	107,3	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	8,57	107,3	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	9,85	107,3	0,00	86,82	-	-	0,00	0,00	-
40	5.491	5.494	11,24	107,3	0,00	85,80	-	-	0,00	0,00	-
Somme			24,20								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglementé: I PF3 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	-1,75	94,9	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	-4,55	94,9	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	-3,73	94,9	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	-2,84	94,9	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	-1,72	94,9	0,00	86,43	-	-	0,00	0,00	-
6	7.498	7.498	-4,55	94,9	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	-3,73	94,9	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	-2,85	94,9	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	-0,08	95,1	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	-0,56	95,1	0,00	85,71	-	-	0,00	0,00	-
11	5.678	5.680	-1,08	95,1	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	-1,63	95,1	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	-2,90	95,1	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	-3,54	95,1	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	-1,91	95,8	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	-4,59	95,8	0,00	88,98	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
17	8.437	8.438	-5,32	95,8	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	-6,35	95,8	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	-5,48	95,8	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	-5,32	95,8	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	-6,13	95,8	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	-6,04	95,8	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	-5,17	95,8	0,00	89,42	-	-	0,00	0,00	-
24	8.319	8.320	-5,15	95,8	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	-5,16	95,8	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	-4,68	95,8	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	-4,41	95,8	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	-4,22	95,8	0,00	88,70	-	-	0,00	0,00	-
29	7.678	7.679	-4,22	95,8	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	-4,34	95,8	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	-3,64	95,8	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	-3,37	95,8	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	-3,20	95,8	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	-3,15	95,8	0,00	87,91	-	-	0,00	0,00	-
35	7.099	7.100	-3,30	95,8	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	-2,33	95,8	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	-1,13	95,8	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	-2,95	95,8	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	-1,66	95,8	0,00	86,82	-	-	0,00	0,00	-
40	5.491	5.494	-0,28	95,8	0,00	85,80	-	-	0,00	0,00	-
Somme			12,87								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	2,64	99,3	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	-0,16	99,3	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	0,66	99,3	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	1,55	99,3	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	2,67	99,3	0,00	86,43	-	-	0,00	0,00	-
6	7.498	7.498	-0,16	99,3	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	0,66	99,3	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	1,54	99,3	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	4,44	99,6	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	3,97	99,6	0,00	85,71	-	-	0,00	0,00	-
11	5.678	5.680	3,45	99,6	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	2,90	99,6	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	1,63	99,6	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	0,99	99,6	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	2,78	100,5	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	0,10	100,5	0,00	88,98	-	-	0,00	0,00	-
17	8.437	8.438	-0,63	100,5	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	-1,67	100,5	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	-0,80	100,5	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	-0,63	100,5	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	-1,44	100,5	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	-1,35	100,5	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	-0,48	100,5	0,00	89,42	-	-	0,00	0,00	-
24	8.319	8.320	-0,46	100,5	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	-0,47	100,5	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	0,00	100,5	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	0,27	100,5	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	0,47	100,5	0,00	88,70	-	-	0,00	0,00	-
29	7.678	7.679	0,47	100,5	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	0,35	100,5	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	1,05	100,5	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	1,32	100,5	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	1,49	100,5	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	1,54	100,5	0,00	87,91	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	7.099	7.100	1,39	100,5	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	2,36	100,5	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	3,56	100,5	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	1,74	100,5	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	3,02	100,5	0,00	86,82	-	-	0,00	0,00	-
40	5.491	5.494	4,41	100,5	0,00	85,80	-	-	0,00	0,00	-
Somme			17,46								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	6,40	103,1	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	3,60	103,1	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	4,42	103,1	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	5,31	103,1	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	6,43	103,1	0,00	86,43	-	-	0,00	0,00	-
6	7.498	7.498	3,60	103,1	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	4,42	103,1	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	5,30	103,1	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	8,52	103,7	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	8,04	103,7	0,00	85,71	-	-	0,00	0,00	-
11	5.678	5.680	7,52	103,7	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	6,97	103,7	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	5,70	103,7	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	5,06	103,7	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	6,93	104,6	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	4,24	104,6	0,00	88,98	-	-	0,00	0,00	-
17	8.437	8.438	3,52	104,6	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	2,48	104,6	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	3,35	104,6	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	3,51	104,6	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	2,70	104,6	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	2,79	104,6	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	3,66	104,6	0,00	89,42	-	-	0,00	0,00	-
24	8.319	8.320	3,68	104,6	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	3,68	104,6	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	4,15	104,6	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	4,42	104,6	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	4,62	104,6	0,00	88,70	-	-	0,00	0,00	-
29	7.678	7.679	4,61	104,6	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	4,49	104,6	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	5,20	104,6	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	5,46	104,6	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	5,63	104,6	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	5,68	104,6	0,00	87,91	-	-	0,00	0,00	-
35	7.099	7.100	5,53	104,6	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	6,50	104,6	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	7,71	104,6	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	5,88	104,6	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	7,17	104,6	0,00	86,82	-	-	0,00	0,00	-
40	5.491	5.494	8,56	104,6	0,00	85,80	-	-	0,00	0,00	-
Somme			21,52								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	7,67	104,4	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	4,87	104,4	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	5,70	104,4	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	6,58	104,4	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	7,70	104,4	0,00	86,43	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
6	7.498	7.498	4,87	104,4	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	5,69	104,4	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	6,58	104,4	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	11,63	106,8	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	11,16	106,8	0,00	85,71	-	-	0,00	0,00	-
11	5.678	5.680	10,64	106,8	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	10,09	106,8	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	8,82	106,8	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	8,18	106,8	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	9,46	107,1	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	6,77	107,1	0,00	88,98	-	-	0,00	0,00	-
17	8.437	8.438	6,05	107,1	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	5,01	107,1	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	5,88	107,1	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	6,04	107,1	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	5,23	107,1	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	5,33	107,1	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	6,19	107,1	0,00	89,42	-	-	0,00	0,00	-
24	8.319	8.320	6,21	107,1	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	6,21	107,1	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	6,68	107,1	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	6,95	107,1	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	7,15	107,1	0,00	88,70	-	-	0,00	0,00	-
29	7.678	7.679	7,14	107,1	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	7,02	107,1	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	7,73	107,1	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	8,00	107,1	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	8,16	107,1	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	8,21	107,1	0,00	87,91	-	-	0,00	0,00	-
35	7.099	7.100	8,06	107,1	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	9,03	107,1	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	10,24	107,1	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	8,42	107,1	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	9,70	107,1	0,00	86,82	-	-	0,00	0,00	-
40	5.491	5.494	11,09	107,1	0,00	85,80	-	-	0,00	0,00	-
Somme			23,99								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	7,70	104,4	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	5,73	104,4	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	6,61	104,4	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	7,73	104,4	0,00	86,43	-	-	0,00	0,00	-
6	7.498	7.498	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	5,72	104,4	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	6,60	104,4	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	12,10	107,3	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	11,63	107,3	0,00	85,71	-	-	0,00	0,00	-
11	5.678	5.680	11,11	107,3	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	10,56	107,3	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	9,29	107,3	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	9,61	107,3	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	6,92	107,3	0,00	88,98	-	-	0,00	0,00	-
17	8.437	8.438	6,20	107,3	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	5,16	107,3	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	6,03	107,3	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	6,19	107,3	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	5,38	107,3	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	5,48	107,3	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	6,34	107,3	0,00	89,42	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
24	8.319	8.320	6,36	107,3	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	6,36	107,3	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	6,83	107,3	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	7,10	107,3	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
29	7.678	7.679	7,29	107,3	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	7,17	107,3	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	7,88	107,3	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	8,15	107,3	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	8,31	107,3	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	8,36	107,3	0,00	87,91	-	-	0,00	0,00	-
35	7.099	7.100	8,21	107,3	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	9,18	107,3	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	8,57	107,3	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	9,85	107,3	0,00	86,82	-	-	0,00	0,00	-
40	5.491	5.494	11,24	107,3	0,00	85,80	-	-	0,00	0,00	-
Somme			24,20								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	7,70	104,4	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	5,73	104,4	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	6,61	104,4	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	7,73	104,4	0,00	86,43	-	-	0,00	0,00	-
6	7.498	7.498	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	5,72	104,4	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	6,60	104,4	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	12,10	107,3	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	11,63	107,3	0,00	85,71	-	-	0,00	0,00	-
11	5.678	5.680	11,11	107,3	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	10,56	107,3	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	9,29	107,3	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	9,61	107,3	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	6,92	107,3	0,00	88,98	-	-	0,00	0,00	-
17	8.437	8.438	6,20	107,3	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	5,16	107,3	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	6,03	107,3	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	6,19	107,3	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	5,38	107,3	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	5,48	107,3	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	6,34	107,3	0,00	89,42	-	-	0,00	0,00	-
24	8.319	8.320	6,36	107,3	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	6,36	107,3	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	6,83	107,3	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	7,10	107,3	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
29	7.678	7.679	7,29	107,3	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	7,17	107,3	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	7,88	107,3	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	8,15	107,3	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	8,31	107,3	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	8,36	107,3	0,00	87,91	-	-	0,00	0,00	-
35	7.099	7.100	8,21	107,3	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	9,18	107,3	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	8,57	107,3	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	9,85	107,3	0,00	86,82	-	-	0,00	0,00	-
40	5.491	5.494	11,24	107,3	0,00	85,80	-	-	0,00	0,00	-
Somme			24,20								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: J PF3 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	-1,75	94,9	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	-4,55	94,9	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	-3,73	94,9	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	-2,84	94,9	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	-1,72	94,9	0,00	86,43	-	-	0,00	0,00	-
6	7.498	7.498	-4,55	94,9	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	-3,73	94,9	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	-2,85	94,9	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	-0,08	95,1	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	-0,56	95,1	0,00	85,71	-	-	0,00	0,00	-
11	5.678	5.680	-1,08	95,1	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	-1,63	95,1	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	-2,90	95,1	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	-3,54	95,1	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	-1,91	95,8	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	-4,59	95,8	0,00	88,98	-	-	0,00	0,00	-
17	8.437	8.438	-5,32	95,8	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	-6,35	95,8	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	-5,48	95,8	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	-5,32	95,8	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	-6,13	95,8	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	-6,04	95,8	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	-5,17	95,8	0,00	89,42	-	-	0,00	0,00	-
24	8.319	8.320	-5,15	95,8	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	-5,16	95,8	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	-4,68	95,8	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	-4,41	95,8	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	-4,22	95,8	0,00	88,70	-	-	0,00	0,00	-
29	7.678	7.679	-4,22	95,8	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	-4,34	95,8	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	-3,64	95,8	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	-3,37	95,8	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	-3,20	95,8	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	-3,15	95,8	0,00	87,91	-	-	0,00	0,00	-
35	7.099	7.100	-3,30	95,8	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	-2,33	95,8	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	-1,13	95,8	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	-2,95	95,8	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	-1,66	95,8	0,00	86,82	-	-	0,00	0,00	-
40	5.491	5.494	-0,28	95,8	0,00	85,80	-	-	0,00	0,00	-
Somme			12,87								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	2,64	99,3	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	-0,16	99,3	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	0,66	99,3	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	1,55	99,3	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	2,67	99,3	0,00	86,43	-	-	0,00	0,00	-
6	7.498	7.498	-0,16	99,3	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	0,66	99,3	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	1,54	99,3	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	4,44	99,6	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	3,97	99,6	0,00	85,71	-	-	0,00	0,00	-
11	5.678	5.680	3,45	99,6	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	2,90	99,6	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	1,63	99,6	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	0,99	99,6	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	2,78	100,5	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	0,10	100,5	0,00	88,98	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
17	8.437	8.438	-0,63	100,5	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	-1,67	100,5	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	-0,80	100,5	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	-0,63	100,5	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	-1,44	100,5	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	-1,35	100,5	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	-0,48	100,5	0,00	89,42	-	-	0,00	0,00	-
24	8.319	8.320	-0,46	100,5	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	-0,47	100,5	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	0,00	100,5	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	0,27	100,5	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	0,47	100,5	0,00	88,70	-	-	0,00	0,00	-
29	7.678	7.679	0,47	100,5	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	0,35	100,5	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	1,05	100,5	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	1,32	100,5	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	1,49	100,5	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	1,54	100,5	0,00	87,91	-	-	0,00	0,00	-
35	7.099	7.100	1,39	100,5	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	2,36	100,5	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	3,56	100,5	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	1,74	100,5	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	3,02	100,5	0,00	86,82	-	-	0,00	0,00	-
40	5.491	5.494	4,41	100,5	0,00	85,80	-	-	0,00	0,00	-
Somme			17,46								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	6,40	103,1	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	3,60	103,1	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	4,42	103,1	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	5,31	103,1	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	6,43	103,1	0,00	86,43	-	-	0,00	0,00	-
6	7.498	7.498	3,60	103,1	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	4,42	103,1	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	5,30	103,1	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	8,52	103,7	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	8,04	103,7	0,00	85,71	-	-	0,00	0,00	-
11	5.678	5.680	7,52	103,7	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	6,97	103,7	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	5,70	103,7	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	5,06	103,7	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	6,93	104,6	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	4,24	104,6	0,00	88,98	-	-	0,00	0,00	-
17	8.437	8.438	3,52	104,6	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	2,48	104,6	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	3,35	104,6	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	3,51	104,6	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	2,70	104,6	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	2,79	104,6	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	3,66	104,6	0,00	89,42	-	-	0,00	0,00	-
24	8.319	8.320	3,68	104,6	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	3,68	104,6	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	4,15	104,6	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	4,42	104,6	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	4,62	104,6	0,00	88,70	-	-	0,00	0,00	-
29	7.678	7.679	4,61	104,6	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	4,49	104,6	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	5,20	104,6	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	5,46	104,6	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	5,63	104,6	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	5,68	104,6	0,00	87,91	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	7.099	7.100	5,53	104,6	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	6,50	104,6	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	7,71	104,6	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	5,88	104,6	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	7,17	104,6	0,00	86,82	-	-	0,00	0,00	-
40	5.491	5.494	8,56	104,6	0,00	85,80	-	-	0,00	0,00	-
Somme			21,52								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	7,67	104,4	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	4,87	104,4	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	5,70	104,4	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	6,58	104,4	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	7,70	104,4	0,00	86,43	-	-	0,00	0,00	-
6	7.498	7.498	4,87	104,4	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	5,69	104,4	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	6,58	104,4	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	11,63	106,8	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	11,16	106,8	0,00	85,71	-	-	0,00	0,00	-
11	5.678	5.680	10,64	106,8	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	10,09	106,8	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	8,82	106,8	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	8,18	106,8	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	9,46	107,1	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	6,77	107,1	0,00	88,98	-	-	0,00	0,00	-
17	8.437	8.438	6,05	107,1	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	5,01	107,1	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	5,88	107,1	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	6,04	107,1	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	5,23	107,1	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	5,33	107,1	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	6,19	107,1	0,00	89,42	-	-	0,00	0,00	-
24	8.319	8.320	6,21	107,1	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	6,21	107,1	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	6,68	107,1	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	6,95	107,1	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	7,15	107,1	0,00	88,70	-	-	0,00	0,00	-
29	7.678	7.679	7,14	107,1	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	7,02	107,1	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	7,73	107,1	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	8,00	107,1	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	8,16	107,1	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	8,21	107,1	0,00	87,91	-	-	0,00	0,00	-
35	7.099	7.100	8,06	107,1	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	9,03	107,1	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	10,24	107,1	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	8,42	107,1	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	9,70	107,1	0,00	86,82	-	-	0,00	0,00	-
40	5.491	5.494	11,09	107,1	0,00	85,80	-	-	0,00	0,00	-
Somme			23,99								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	7,70	104,4	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	5,73	104,4	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	6,61	104,4	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	7,73	104,4	0,00	86,43	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
6	7.498	7.498	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	5,72	104,4	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	6,60	104,4	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	12,10	107,3	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	11,63	107,3	0,00	85,71	-	-	0,00	0,00	-
11	5.678	5.680	11,11	107,3	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	10,56	107,3	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	9,29	107,3	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	9,61	107,3	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	6,92	107,3	0,00	88,98	-	-	0,00	0,00	-
17	8.437	8.438	6,20	107,3	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	5,16	107,3	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	6,03	107,3	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	6,19	107,3	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	5,38	107,3	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	5,48	107,3	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	6,34	107,3	0,00	89,42	-	-	0,00	0,00	-
24	8.319	8.320	6,36	107,3	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	6,36	107,3	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	6,83	107,3	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	7,10	107,3	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
29	7.678	7.679	7,29	107,3	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	7,17	107,3	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	7,88	107,3	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	8,15	107,3	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	8,31	107,3	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	8,36	107,3	0,00	87,91	-	-	0,00	0,00	-
35	7.099	7.100	8,21	107,3	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	9,18	107,3	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	8,57	107,3	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	9,85	107,3	0,00	86,82	-	-	0,00	0,00	-
40	5.491	5.494	11,24	107,3	0,00	85,80	-	-	0,00	0,00	-
Somme			24,20								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	7,70	104,4	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	5,73	104,4	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	6,61	104,4	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	7,73	104,4	0,00	86,43	-	-	0,00	0,00	-
6	7.498	7.498	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	5,72	104,4	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	6,60	104,4	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	12,10	107,3	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	11,63	107,3	0,00	85,71	-	-	0,00	0,00	-
11	5.678	5.680	11,11	107,3	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	10,56	107,3	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	9,29	107,3	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	9,61	107,3	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	6,92	107,3	0,00	88,98	-	-	0,00	0,00	-
17	8.437	8.438	6,20	107,3	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	5,16	107,3	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	6,03	107,3	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	6,19	107,3	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	5,38	107,3	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	5,48	107,3	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	6,34	107,3	0,00	89,42	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
24	8.319	8.320	6,36	107,3	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	6,36	107,3	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	6,83	107,3	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	7,10	107,3	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
29	7.678	7.679	7,29	107,3	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	7,17	107,3	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	7,88	107,3	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	8,15	107,3	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	8,31	107,3	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	8,36	107,3	0,00	87,91	-	-	0,00	0,00	-
35	7.099	7.100	8,21	107,3	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	9,18	107,3	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	8,57	107,3	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	9,85	107,3	0,00	86,82	-	-	0,00	0,00	-
40	5.491	5.494	11,24	107,3	0,00	85,80	-	-	0,00	0,00	-
Somme			24,20								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: K PF3 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	-1,75	94,9	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	-4,55	94,9	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	-3,73	94,9	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	-2,84	94,9	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	-1,72	94,9	0,00	86,43	-	-	0,00	0,00	-
6	7.498	7.498	-4,55	94,9	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	-3,73	94,9	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	-2,85	94,9	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	-0,08	95,1	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	-0,56	95,1	0,00	85,71	-	-	0,00	0,00	-
11	5.678	5.680	-1,08	95,1	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	-1,63	95,1	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	-2,90	95,1	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	-3,54	95,1	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	-1,91	95,8	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	-4,59	95,8	0,00	88,98	-	-	0,00	0,00	-
17	8.437	8.438	-5,32	95,8	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	-6,35	95,8	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	-5,48	95,8	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	-5,32	95,8	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	-6,13	95,8	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	-6,04	95,8	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	-5,17	95,8	0,00	89,42	-	-	0,00	0,00	-
24	8.319	8.320	-5,15	95,8	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	-5,16	95,8	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	-4,68	95,8	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	-4,41	95,8	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	-4,22	95,8	0,00	88,70	-	-	0,00	0,00	-
29	7.678	7.679	-4,22	95,8	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	-4,34	95,8	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	-3,64	95,8	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	-3,37	95,8	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	-3,20	95,8	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	-3,15	95,8	0,00	87,91	-	-	0,00	0,00	-
35	7.099	7.100	-3,30	95,8	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	-2,33	95,8	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	-1,13	95,8	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	-2,95	95,8	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	-1,66	95,8	0,00	86,82	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
40	5.491	5.494	-0,28	95,8	0,00	85,80	-	-	0,00	0,00	-
Somme			12,87								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	2,64	99,3	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	-0,16	99,3	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	0,66	99,3	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	1,55	99,3	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	2,67	99,3	0,00	86,43	-	-	0,00	0,00	-
6	7.498	7.498	-0,16	99,3	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	0,66	99,3	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	1,54	99,3	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	4,44	99,6	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	3,97	99,6	0,00	85,71	-	-	0,00	0,00	-
11	5.678	5.680	3,45	99,6	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	2,90	99,6	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	1,63	99,6	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	0,99	99,6	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	2,78	100,5	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	0,10	100,5	0,00	88,98	-	-	0,00	0,00	-
17	8.437	8.438	-0,63	100,5	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	-1,67	100,5	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	-0,80	100,5	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	-0,63	100,5	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	-1,44	100,5	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	-1,35	100,5	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	-0,48	100,5	0,00	89,42	-	-	0,00	0,00	-
24	8.319	8.320	-0,46	100,5	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	-0,47	100,5	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	0,00	100,5	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	0,27	100,5	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	0,47	100,5	0,00	88,70	-	-	0,00	0,00	-
29	7.678	7.679	0,47	100,5	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	0,35	100,5	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	1,05	100,5	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	1,32	100,5	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	1,49	100,5	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	1,54	100,5	0,00	87,91	-	-	0,00	0,00	-
35	7.099	7.100	1,39	100,5	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	2,36	100,5	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	3,56	100,5	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	1,74	100,5	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	3,02	100,5	0,00	86,82	-	-	0,00	0,00	-
40	5.491	5.494	4,41	100,5	0,00	85,80	-	-	0,00	0,00	-
Somme			17,46								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	6,40	103,1	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	3,60	103,1	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	4,42	103,1	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	5,31	103,1	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	6,43	103,1	0,00	86,43	-	-	0,00	0,00	-
6	7.498	7.498	3,60	103,1	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	4,42	103,1	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	5,30	103,1	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	8,52	103,7	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	8,04	103,7	0,00	85,71	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
11	5.678	5.680	7,52	103,7	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	6,97	103,7	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	5,70	103,7	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	5,06	103,7	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	6,93	104,6	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	4,24	104,6	0,00	88,98	-	-	0,00	0,00	-
17	8.437	8.438	3,52	104,6	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	2,48	104,6	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	3,35	104,6	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	3,51	104,6	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	2,70	104,6	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	2,79	104,6	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	3,66	104,6	0,00	89,42	-	-	0,00	0,00	-
24	8.319	8.320	3,68	104,6	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	3,68	104,6	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	4,15	104,6	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	4,42	104,6	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	4,62	104,6	0,00	88,70	-	-	0,00	0,00	-
29	7.678	7.679	4,61	104,6	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	4,49	104,6	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	5,20	104,6	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	5,46	104,6	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	5,63	104,6	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	5,68	104,6	0,00	87,91	-	-	0,00	0,00	-
35	7.099	7.100	5,53	104,6	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	6,50	104,6	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	7,71	104,6	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	5,88	104,6	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	7,17	104,6	0,00	86,82	-	-	0,00	0,00	-
40	5.491	5.494	8,56	104,6	0,00	85,80	-	-	0,00	0,00	-
Somme			21,52								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	7,67	104,4	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	4,87	104,4	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	5,70	104,4	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	6,58	104,4	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	7,70	104,4	0,00	86,43	-	-	0,00	0,00	-
6	7.498	7.498	4,87	104,4	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	5,69	104,4	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	6,58	104,4	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	11,63	106,8	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	11,16	106,8	0,00	85,71	-	-	0,00	0,00	-
11	5.678	5.680	10,64	106,8	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	10,09	106,8	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	8,82	106,8	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	8,18	106,8	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	9,46	107,1	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	6,77	107,1	0,00	88,98	-	-	0,00	0,00	-
17	8.437	8.438	6,05	107,1	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	5,01	107,1	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	5,88	107,1	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	6,04	107,1	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	5,23	107,1	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	5,33	107,1	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	6,19	107,1	0,00	89,42	-	-	0,00	0,00	-
24	8.319	8.320	6,21	107,1	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	6,21	107,1	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	6,68	107,1	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	6,95	107,1	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	7,15	107,1	0,00	88,70	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
29	7.678	7.679	7,14	107,1	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	7,02	107,1	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	7,73	107,1	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	8,00	107,1	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	8,16	107,1	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	8,21	107,1	0,00	87,91	-	-	0,00	0,00	-
35	7.099	7.100	8,06	107,1	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	9,03	107,1	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	10,24	107,1	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	8,42	107,1	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	9,70	107,1	0,00	86,82	-	-	0,00	0,00	-
40	5.491	5.494	11,09	107,1	0,00	85,80	-	-	0,00	0,00	-
Somme			23,99								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	7,70	104,4	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	5,73	104,4	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	6,61	104,4	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	7,73	104,4	0,00	86,43	-	-	0,00	0,00	-
6	7.498	7.498	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	5,72	104,4	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	6,60	104,4	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	12,10	107,3	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	11,63	107,3	0,00	85,71	-	-	0,00	0,00	-
11	5.678	5.680	11,11	107,3	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	10,56	107,3	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	9,29	107,3	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	9,61	107,3	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	6,92	107,3	0,00	88,98	-	-	0,00	0,00	-
17	8.437	8.438	6,20	107,3	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	5,16	107,3	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	6,03	107,3	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	6,19	107,3	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	5,38	107,3	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	5,48	107,3	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	6,34	107,3	0,00	89,42	-	-	0,00	0,00	-
24	8.319	8.320	6,36	107,3	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	6,36	107,3	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	6,83	107,3	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	7,10	107,3	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
29	7.678	7.679	7,29	107,3	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	7,17	107,3	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	7,88	107,3	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	8,15	107,3	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	8,31	107,3	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	8,36	107,3	0,00	87,91	-	-	0,00	0,00	-
35	7.099	7.100	8,21	107,3	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	9,18	107,3	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	8,57	107,3	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	9,85	107,3	0,00	86,82	-	-	0,00	0,00	-
40	5.491	5.494	11,24	107,3	0,00	85,80	-	-	0,00	0,00	-
Somme			24,20								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.923	5.924	7,70	104,4	0,00	86,45	-	-	0,00	0,00	-
2	7.495	7.495	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
3	6.991	6.992	5,73	104,4	0,00	87,89	-	-	0,00	0,00	-
4	6.491	6.491	6,61	104,4	0,00	87,25	-	-	0,00	0,00	-
5	5.910	5.911	7,73	104,4	0,00	86,43	-	-	0,00	0,00	-
6	7.498	7.498	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
7	6.995	6.995	5,72	104,4	0,00	87,90	-	-	0,00	0,00	-
8	6.493	6.494	6,60	104,4	0,00	87,25	-	-	0,00	0,00	-
9	5.226	5.228	12,10	107,3	0,00	85,37	-	-	0,00	0,00	-
10	5.438	5.439	11,63	107,3	0,00	85,71	-	-	0,00	0,00	-
11	5.678	5.680	11,11	107,3	0,00	86,09	-	-	0,00	0,00	-
12	5.946	5.947	10,56	107,3	0,00	86,49	-	-	0,00	0,00	-
13	6.612	6.613	9,29	107,3	0,00	87,41	-	-	0,00	0,00	-
14	6.980	6.981	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
15	6.303	6.305	9,61	107,3	0,00	86,99	-	-	0,00	0,00	-
16	7.927	7.929	6,92	107,3	0,00	88,98	-	-	0,00	0,00	-
17	8.437	8.438	6,20	107,3	0,00	89,53	-	-	0,00	0,00	-
18	9.229	9.230	5,16	107,3	0,00	90,30	-	-	0,00	0,00	-
19	8.561	8.562	6,03	107,3	0,00	89,65	-	-	0,00	0,00	-
20	8.440	8.441	6,19	107,3	0,00	89,53	-	-	0,00	0,00	-
21	9.052	9.053	5,38	107,3	0,00	90,14	-	-	0,00	0,00	-
22	8.980	8.981	5,48	107,3	0,00	90,07	-	-	0,00	0,00	-
23	8.331	8.332	6,34	107,3	0,00	89,42	-	-	0,00	0,00	-
24	8.319	8.320	6,36	107,3	0,00	89,40	-	-	0,00	0,00	-
25	8.323	8.324	6,36	107,3	0,00	89,41	-	-	0,00	0,00	-
26	7.991	7.992	6,83	107,3	0,00	89,05	-	-	0,00	0,00	-
27	7.808	7.809	7,10	107,3	0,00	88,85	-	-	0,00	0,00	-
28	7.676	7.677	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
29	7.678	7.679	7,29	107,3	0,00	88,71	-	-	0,00	0,00	-
30	7.759	7.760	7,17	107,3	0,00	88,80	-	-	0,00	0,00	-
31	7.305	7.306	7,88	107,3	0,00	88,27	-	-	0,00	0,00	-
32	7.139	7.140	8,15	107,3	0,00	88,07	-	-	0,00	0,00	-
33	7.039	7.040	8,31	107,3	0,00	87,95	-	-	0,00	0,00	-
34	7.008	7.009	8,36	107,3	0,00	87,91	-	-	0,00	0,00	-
35	7.099	7.100	8,21	107,3	0,00	88,03	-	-	0,00	0,00	-
36	6.534	6.536	9,18	107,3	0,00	87,31	-	-	0,00	0,00	-
37	5.901	5.903	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
38	6.887	6.889	8,57	107,3	0,00	87,76	-	-	0,00	0,00	-
39	6.175	6.177	9,85	107,3	0,00	86,82	-	-	0,00	0,00	-
40	5.491	5.494	11,24	107,3	0,00	85,80	-	-	0,00	0,00	-
Somme			24,20								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglementé: L PF4 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	1,74	94,9	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	-1,12	94,9	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	-0,08	94,9	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	1,04	94,9	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	2,44	94,9	0,00	83,43	-	-	0,00	0,00	-
6	5.804	5.805	-1,51	94,9	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	-0,54	94,9	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	0,49	94,9	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	-2,92	95,1	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	-3,02	95,1	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	-3,14	95,1	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	-3,23	95,1	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	-2,86	95,1	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	-3,09	95,1	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	-4,21	95,8	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	-6,89	95,8	0,00	90,71	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
17	10.123	10.124	-7,42	95,8	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	-6,78	95,8	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	-5,96	95,8	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	-6,11	95,8	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	-6,85	95,8	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	-7,12	95,8	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	-6,36	95,8	0,00	90,31	-	-	0,00	0,00	-
24	9.491	9.493	-6,68	95,8	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	-7,01	95,8	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	-5,18	95,8	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	-5,29	95,8	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	-5,58	95,8	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	-5,95	95,8	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	-6,40	95,8	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	-4,14	95,8	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	-4,33	95,8	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	-4,66	95,8	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	-5,04	95,8	0,00	89,32	-	-	0,00	0,00	-
35	8.658	8.659	-5,62	95,8	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	-4,98	95,8	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	-4,05	95,8	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	-5,87	95,8	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	-4,86	95,8	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	-3,80	95,8	0,00	88,39	-	-	0,00	0,00	-
Somme			12,84								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	6,13	99,3	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	3,27	99,3	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	4,31	99,3	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	5,42	99,3	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	6,83	99,3	0,00	83,43	-	-	0,00	0,00	-
6	5.804	5.805	2,88	99,3	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	3,85	99,3	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	4,88	99,3	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	1,61	99,6	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	1,51	99,6	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	1,39	99,6	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	1,30	99,6	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	1,67	99,6	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	1,44	99,6	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	0,48	100,5	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	-2,21	100,5	0,00	90,71	-	-	0,00	0,00	-
17	10.123	10.124	-2,73	100,5	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	-2,09	100,5	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	-1,27	100,5	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	-1,42	100,5	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	-2,16	100,5	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	-2,44	100,5	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	-1,67	100,5	0,00	90,31	-	-	0,00	0,00	-
24	9.491	9.493	-1,99	100,5	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	-2,32	100,5	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	-0,50	100,5	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	-0,60	100,5	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	-0,89	100,5	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	-1,26	100,5	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	-1,71	100,5	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	0,55	100,5	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	0,36	100,5	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	0,03	100,5	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	-0,35	100,5	0,00	89,32	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	8.658	8.659	-0,93	100,5	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	-0,29	100,5	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	0,64	100,5	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	-1,18	100,5	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	-0,18	100,5	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	0,89	100,5	0,00	88,39	-	-	0,00	0,00	-
Somme			17,37								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	9,89	103,1	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	7,03	103,1	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	8,07	103,1	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	9,18	103,1	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	10,59	103,1	0,00	83,43	-	-	0,00	0,00	-
6	5.804	5.805	6,64	103,1	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	7,61	103,1	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	8,64	103,1	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	5,68	103,7	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	5,59	103,7	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	5,46	103,7	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	5,37	103,7	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	5,74	103,7	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	5,51	103,7	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	4,62	104,6	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	1,94	104,6	0,00	90,71	-	-	0,00	0,00	-
17	10.123	10.124	1,41	104,6	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	2,05	104,6	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	2,87	104,6	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	2,72	104,6	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	1,98	104,6	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	1,71	104,6	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	2,47	104,6	0,00	90,31	-	-	0,00	0,00	-
24	9.491	9.493	2,16	104,6	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	1,83	104,6	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	3,65	104,6	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	3,54	104,6	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	3,25	104,6	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	2,88	104,6	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	2,43	104,6	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	4,70	104,6	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	4,50	104,6	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	4,18	104,6	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	3,80	104,6	0,00	89,32	-	-	0,00	0,00	-
35	8.658	8.659	3,22	104,6	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	3,85	104,6	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	4,78	104,6	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	2,97	104,6	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	3,97	104,6	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	5,04	104,6	0,00	88,39	-	-	0,00	0,00	-
Somme			21,33								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	11,16	104,4	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	8,30	104,4	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	9,34	104,4	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	10,46	104,4	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	11,86	104,4	0,00	83,43	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
6	5.804	5.805	7,92	104,4	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	8,89	104,4	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	9,92	104,4	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	8,80	106,8	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	8,70	106,8	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	8,58	106,8	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	8,49	106,8	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	8,86	106,8	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	8,63	106,8	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	7,15	107,1	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	4,47	107,1	0,00	90,71	-	-	0,00	0,00	-
17	10.123	10.124	3,95	107,1	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	4,58	107,1	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	5,41	107,1	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	5,25	107,1	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	4,51	107,1	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	4,24	107,1	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	5,00	107,1	0,00	90,31	-	-	0,00	0,00	-
24	9.491	9.493	4,69	107,1	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	4,36	107,1	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	6,18	107,1	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	6,07	107,1	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	5,78	107,1	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	5,41	107,1	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	4,96	107,1	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	7,23	107,1	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	7,03	107,1	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	6,71	107,1	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	6,33	107,1	0,00	89,32	-	-	0,00	0,00	-
35	8.658	8.659	5,75	107,1	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	6,38	107,1	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	7,32	107,1	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	5,50	107,1	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	6,50	107,1	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	7,57	107,1	0,00	88,39	-	-	0,00	0,00	-
Somme			23,47								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	11,19	104,4	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	8,33	104,4	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	9,37	104,4	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	10,49	104,4	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	11,89	104,4	0,00	83,43	-	-	0,00	0,00	-
6	5.804	5.805	7,95	104,4	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	8,92	104,4	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	9,95	104,4	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	9,27	107,3	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	9,17	107,3	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	9,05	107,3	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	8,96	107,3	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	9,32	107,3	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	9,10	107,3	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	4,62	107,3	0,00	90,71	-	-	0,00	0,00	-
17	10.123	10.124	4,10	107,3	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	4,73	107,3	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	5,56	107,3	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	5,40	107,3	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	4,66	107,3	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	5,15	107,3	0,00	90,31	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
24	9.491	9.493	4,84	107,3	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	4,51	107,3	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	6,22	107,3	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	5,93	107,3	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	5,56	107,3	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	5,11	107,3	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	7,38	107,3	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	7,18	107,3	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	6,48	107,3	0,00	89,32	-	-	0,00	0,00	-
35	8.658	8.659	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	6,53	107,3	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	7,47	107,3	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	5,65	107,3	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	6,65	107,3	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	7,72	107,3	0,00	88,39	-	-	0,00	0,00	-
Somme			23,65								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	11,19	104,4	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	8,33	104,4	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	9,37	104,4	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	10,49	104,4	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	11,89	104,4	0,00	83,43	-	-	0,00	0,00	-
6	5.804	5.805	7,95	104,4	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	8,92	104,4	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	9,95	104,4	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	9,27	107,3	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	9,17	107,3	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	9,05	107,3	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	8,96	107,3	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	9,32	107,3	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	9,10	107,3	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	4,62	107,3	0,00	90,71	-	-	0,00	0,00	-
17	10.123	10.124	4,10	107,3	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	4,73	107,3	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	5,56	107,3	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	5,40	107,3	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	4,66	107,3	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	5,15	107,3	0,00	90,31	-	-	0,00	0,00	-
24	9.491	9.493	4,84	107,3	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	4,51	107,3	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	6,22	107,3	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	5,93	107,3	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	5,56	107,3	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	5,11	107,3	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	7,38	107,3	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	7,18	107,3	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	6,48	107,3	0,00	89,32	-	-	0,00	0,00	-
35	8.658	8.659	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	6,53	107,3	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	7,47	107,3	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	5,65	107,3	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	6,65	107,3	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	7,72	107,3	0,00	88,39	-	-	0,00	0,00	-
Somme			23,65								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglémenté: M PF4 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	1,74	94,9	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	-1,12	94,9	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	-0,08	94,9	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	1,04	94,9	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	2,44	94,9	0,00	83,43	-	-	0,00	0,00	-
6	5.804	5.805	-1,51	94,9	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	-0,54	94,9	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	0,49	94,9	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	-2,92	95,1	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	-3,02	95,1	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	-3,14	95,1	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	-3,23	95,1	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	-2,86	95,1	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	-3,09	95,1	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	-4,21	95,8	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	-6,89	95,8	0,00	90,71	-	-	0,00	0,00	-
17	10.123	10.124	-7,42	95,8	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	-6,78	95,8	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	-5,96	95,8	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	-6,11	95,8	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	-6,85	95,8	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	-7,12	95,8	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	-6,36	95,8	0,00	90,31	-	-	0,00	0,00	-
24	9.491	9.493	-6,68	95,8	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	-7,01	95,8	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	-5,18	95,8	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	-5,29	95,8	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	-5,58	95,8	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	-5,95	95,8	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	-6,40	95,8	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	-4,14	95,8	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	-4,33	95,8	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	-4,66	95,8	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	-5,04	95,8	0,00	89,32	-	-	0,00	0,00	-
35	8.658	8.659	-5,62	95,8	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	-4,98	95,8	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	-4,05	95,8	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	-5,87	95,8	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	-4,86	95,8	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	-3,80	95,8	0,00	88,39	-	-	0,00	0,00	-
Somme			12,84								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	6,13	99,3	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	3,27	99,3	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	4,31	99,3	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	5,42	99,3	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	6,83	99,3	0,00	83,43	-	-	0,00	0,00	-
6	5.804	5.805	2,88	99,3	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	3,85	99,3	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	4,88	99,3	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	1,61	99,6	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	1,51	99,6	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	1,39	99,6	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	1,30	99,6	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	1,67	99,6	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	1,44	99,6	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	0,48	100,5	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	-2,21	100,5	0,00	90,71	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
17	10.123	10.124	-2,73	100,5	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	-2,09	100,5	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	-1,27	100,5	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	-1,42	100,5	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	-2,16	100,5	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	-2,44	100,5	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	-1,67	100,5	0,00	90,31	-	-	0,00	0,00	-
24	9.491	9.493	-1,99	100,5	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	-2,32	100,5	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	-0,50	100,5	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	-0,60	100,5	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	-0,89	100,5	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	-1,26	100,5	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	-1,71	100,5	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	0,55	100,5	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	0,36	100,5	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	0,03	100,5	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	-0,35	100,5	0,00	89,32	-	-	0,00	0,00	-
35	8.658	8.659	-0,93	100,5	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	-0,29	100,5	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	0,64	100,5	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	-1,18	100,5	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	-0,18	100,5	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	0,89	100,5	0,00	88,39	-	-	0,00	0,00	-
Somme			17,37								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	9,89	103,1	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	7,03	103,1	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	8,07	103,1	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	9,18	103,1	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	10,59	103,1	0,00	83,43	-	-	0,00	0,00	-
6	5.804	5.805	6,64	103,1	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	7,61	103,1	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	8,64	103,1	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	5,68	103,7	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	5,59	103,7	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	5,46	103,7	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	5,37	103,7	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	5,74	103,7	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	5,51	103,7	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	4,62	104,6	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	1,94	104,6	0,00	90,71	-	-	0,00	0,00	-
17	10.123	10.124	1,41	104,6	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	2,05	104,6	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	2,87	104,6	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	2,72	104,6	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	1,98	104,6	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	1,71	104,6	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	2,47	104,6	0,00	90,31	-	-	0,00	0,00	-
24	9.491	9.493	2,16	104,6	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	1,83	104,6	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	3,65	104,6	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	3,54	104,6	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	3,25	104,6	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	2,88	104,6	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	2,43	104,6	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	4,70	104,6	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	4,50	104,6	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	4,18	104,6	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	3,80	104,6	0,00	89,32	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	8.658	8.659	3,22	104,6	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	3,85	104,6	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	4,78	104,6	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	2,97	104,6	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	3,97	104,6	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	5,04	104,6	0,00	88,39	-	-	0,00	0,00	-
Somme			21,33								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	11,16	104,4	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	8,30	104,4	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	9,34	104,4	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	10,46	104,4	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	11,86	104,4	0,00	83,43	-	-	0,00	0,00	-
6	5.804	5.805	7,92	104,4	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	8,89	104,4	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	9,92	104,4	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	8,80	106,8	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	8,70	106,8	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	8,58	106,8	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	8,49	106,8	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	8,86	106,8	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	8,63	106,8	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	7,15	107,1	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	4,47	107,1	0,00	90,71	-	-	0,00	0,00	-
17	10.123	10.124	3,95	107,1	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	4,58	107,1	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	5,41	107,1	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	5,25	107,1	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	4,51	107,1	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	4,24	107,1	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	5,00	107,1	0,00	90,31	-	-	0,00	0,00	-
24	9.491	9.493	4,69	107,1	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	4,36	107,1	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	6,18	107,1	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	6,07	107,1	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	5,78	107,1	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	5,41	107,1	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	4,96	107,1	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	7,23	107,1	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	7,03	107,1	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	6,71	107,1	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	6,33	107,1	0,00	89,32	-	-	0,00	0,00	-
35	8.658	8.659	5,75	107,1	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	6,38	107,1	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	7,32	107,1	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	5,50	107,1	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	6,50	107,1	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	7,57	107,1	0,00	88,39	-	-	0,00	0,00	-
Somme			23,47								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	11,19	104,4	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	8,33	104,4	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	9,37	104,4	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	10,49	104,4	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	11,89	104,4	0,00	83,43	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
6	5.804	5.805	7,95	104,4	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	8,92	104,4	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	9,95	104,4	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	9,27	107,3	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	9,17	107,3	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	9,05	107,3	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	8,96	107,3	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	9,32	107,3	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	9,10	107,3	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	4,62	107,3	0,00	90,71	-	-	0,00	0,00	-
17	10.123	10.124	4,10	107,3	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	4,73	107,3	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	5,56	107,3	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	5,40	107,3	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	4,66	107,3	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	5,15	107,3	0,00	90,31	-	-	0,00	0,00	-
24	9.491	9.493	4,84	107,3	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	4,51	107,3	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	6,22	107,3	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	5,93	107,3	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	5,56	107,3	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	5,11	107,3	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	7,38	107,3	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	7,18	107,3	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	6,48	107,3	0,00	89,32	-	-	0,00	0,00	-
35	8.658	8.659	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	6,53	107,3	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	7,47	107,3	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	5,65	107,3	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	6,65	107,3	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	7,72	107,3	0,00	88,39	-	-	0,00	0,00	-
Somme			23,65								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	11,19	104,4	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	8,33	104,4	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	9,37	104,4	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	10,49	104,4	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	11,89	104,4	0,00	83,43	-	-	0,00	0,00	-
6	5.804	5.805	7,95	104,4	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	8,92	104,4	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	9,95	104,4	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	9,27	107,3	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	9,17	107,3	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	9,05	107,3	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	8,96	107,3	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	9,32	107,3	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	9,10	107,3	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	4,62	107,3	0,00	90,71	-	-	0,00	0,00	-
17	10.123	10.124	4,10	107,3	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	4,73	107,3	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	5,56	107,3	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	5,40	107,3	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	4,66	107,3	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	5,15	107,3	0,00	90,31	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
24	9.491	9.493	4,84	107,3	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	4,51	107,3	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	6,22	107,3	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	5,93	107,3	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	5,56	107,3	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	5,11	107,3	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	7,38	107,3	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	7,18	107,3	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	6,48	107,3	0,00	89,32	-	-	0,00	0,00	-
35	8.658	8.659	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	6,53	107,3	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	7,47	107,3	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	5,65	107,3	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	6,65	107,3	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	7,72	107,3	0,00	88,39	-	-	0,00	0,00	-
Somme			23,65								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: N PF4 nocture SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	1,74	94,9	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	-1,12	94,9	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	-0,08	94,9	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	1,04	94,9	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	2,44	94,9	0,00	83,43	-	-	0,00	0,00	-
6	5.804	5.805	-1,51	94,9	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	-0,54	94,9	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	0,49	94,9	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	-2,92	95,1	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	-3,02	95,1	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	-3,14	95,1	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	-3,23	95,1	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	-2,86	95,1	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	-3,09	95,1	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	-4,21	95,8	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	-6,89	95,8	0,00	90,71	-	-	0,00	0,00	-
17	10.123	10.124	-7,42	95,8	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	-6,78	95,8	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	-5,96	95,8	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	-6,11	95,8	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	-6,85	95,8	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	-7,12	95,8	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	-6,36	95,8	0,00	90,31	-	-	0,00	0,00	-
24	9.491	9.493	-6,68	95,8	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	-7,01	95,8	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	-5,18	95,8	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	-5,29	95,8	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	-5,58	95,8	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	-5,95	95,8	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	-6,40	95,8	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	-4,14	95,8	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	-4,33	95,8	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	-4,66	95,8	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	-5,04	95,8	0,00	89,32	-	-	0,00	0,00	-
35	8.658	8.659	-5,62	95,8	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	-4,98	95,8	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	-4,05	95,8	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	-5,87	95,8	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	-4,86	95,8	0,00	89,19	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
40	7.405	7.407	-3,80	95,8	0,00	88,39	-	-	0,00	0,00	-
Somme			12,84								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	6,13	99,3	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	3,27	99,3	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	4,31	99,3	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	5,42	99,3	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	6,83	99,3	0,00	83,43	-	-	0,00	0,00	-
6	5.804	5.805	2,88	99,3	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	3,85	99,3	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	4,88	99,3	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	1,61	99,6	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	1,51	99,6	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	1,39	99,6	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	1,30	99,6	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	1,67	99,6	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	1,44	99,6	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	0,48	100,5	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	-2,21	100,5	0,00	90,71	-	-	0,00	0,00	-
17	10.123	10.124	-2,73	100,5	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	-2,09	100,5	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	-1,27	100,5	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	-1,42	100,5	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	-2,16	100,5	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	-2,44	100,5	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	-1,67	100,5	0,00	90,31	-	-	0,00	0,00	-
24	9.491	9.493	-1,99	100,5	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	-2,32	100,5	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	-0,50	100,5	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	-0,60	100,5	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	-0,89	100,5	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	-1,26	100,5	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	-1,71	100,5	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	0,55	100,5	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	0,36	100,5	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	0,03	100,5	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	-0,35	100,5	0,00	89,32	-	-	0,00	0,00	-
35	8.658	8.659	-0,93	100,5	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	-0,29	100,5	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	0,64	100,5	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	-1,18	100,5	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	-0,18	100,5	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	0,89	100,5	0,00	88,39	-	-	0,00	0,00	-
Somme			17,37								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	9,89	103,1	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	7,03	103,1	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	8,07	103,1	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	9,18	103,1	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	10,59	103,1	0,00	83,43	-	-	0,00	0,00	-
6	5.804	5.805	6,64	103,1	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	7,61	103,1	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	8,64	103,1	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	5,68	103,7	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	5,59	103,7	0,00	87,49	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
11	6.746	6.747	5,46	103,7	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	5,37	103,7	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	5,74	103,7	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	5,51	103,7	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	4,62	104,6	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	1,94	104,6	0,00	90,71	-	-	0,00	0,00	-
17	10.123	10.124	1,41	104,6	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	2,05	104,6	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	2,87	104,6	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	2,72	104,6	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	1,98	104,6	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	1,71	104,6	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	2,47	104,6	0,00	90,31	-	-	0,00	0,00	-
24	9.491	9.493	2,16	104,6	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	1,83	104,6	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	3,65	104,6	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	3,54	104,6	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	3,25	104,6	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	2,88	104,6	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	2,43	104,6	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	4,70	104,6	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	4,50	104,6	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	4,18	104,6	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	3,80	104,6	0,00	89,32	-	-	0,00	0,00	-
35	8.658	8.659	3,22	104,6	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	3,85	104,6	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	4,78	104,6	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	2,97	104,6	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	3,97	104,6	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	5,04	104,6	0,00	88,39	-	-	0,00	0,00	-
Somme			21,33								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	11,16	104,4	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	8,30	104,4	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	9,34	104,4	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	10,46	104,4	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	11,86	104,4	0,00	83,43	-	-	0,00	0,00	-
6	5.804	5.805	7,92	104,4	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	8,89	104,4	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	9,92	104,4	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	8,80	106,8	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	8,70	106,8	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	8,58	106,8	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	8,49	106,8	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	8,86	106,8	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	8,63	106,8	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	7,15	107,1	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	4,47	107,1	0,00	90,71	-	-	0,00	0,00	-
17	10.123	10.124	3,95	107,1	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	4,58	107,1	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	5,41	107,1	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	5,25	107,1	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	4,51	107,1	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	4,24	107,1	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	5,00	107,1	0,00	90,31	-	-	0,00	0,00	-
24	9.491	9.493	4,69	107,1	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	4,36	107,1	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	6,18	107,1	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	6,07	107,1	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	5,78	107,1	0,00	89,72	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
29	8.913	8.914	5,41	107,1	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	4,96	107,1	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	7,23	107,1	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	7,03	107,1	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	6,71	107,1	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	6,33	107,1	0,00	89,32	-	-	0,00	0,00	-
35	8.658	8.659	5,75	107,1	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	6,38	107,1	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	7,32	107,1	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	5,50	107,1	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	6,50	107,1	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	7,57	107,1	0,00	88,39	-	-	0,00	0,00	-
Somme			23,47								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	11,19	104,4	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	8,33	104,4	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	9,37	104,4	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	10,49	104,4	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	11,89	104,4	0,00	83,43	-	-	0,00	0,00	-
6	5.804	5.805	7,95	104,4	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	8,92	104,4	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	9,95	104,4	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	9,27	107,3	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	9,17	107,3	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	9,05	107,3	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	8,96	107,3	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	9,32	107,3	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	9,10	107,3	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	4,62	107,3	0,00	90,71	-	-	0,00	0,00	-
17	10.123	10.124	4,10	107,3	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	4,73	107,3	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	5,56	107,3	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	5,40	107,3	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	4,66	107,3	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	5,15	107,3	0,00	90,31	-	-	0,00	0,00	-
24	9.491	9.493	4,84	107,3	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	4,51	107,3	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	6,22	107,3	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	5,93	107,3	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	5,56	107,3	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	5,11	107,3	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	7,38	107,3	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	7,18	107,3	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	6,48	107,3	0,00	89,32	-	-	0,00	0,00	-
35	8.658	8.659	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	6,53	107,3	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	7,47	107,3	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	5,65	107,3	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	6,65	107,3	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	7,72	107,3	0,00	88,39	-	-	0,00	0,00	-
Somme			23,65								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	11,19	104,4	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	8,33	104,4	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	9,37	104,4	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	10,49	104,4	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	11,89	104,4	0,00	83,43	-	-	0,00	0,00	-
6	5.804	5.805	7,95	104,4	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	8,92	104,4	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	9,95	104,4	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	9,27	107,3	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	9,17	107,3	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	9,05	107,3	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	8,96	107,3	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	9,32	107,3	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	9,10	107,3	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	4,62	107,3	0,00	90,71	-	-	0,00	0,00	-
17	10.123	10.124	4,10	107,3	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	4,73	107,3	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	5,56	107,3	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	5,40	107,3	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	4,66	107,3	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	5,15	107,3	0,00	90,31	-	-	0,00	0,00	-
24	9.491	9.493	4,84	107,3	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	4,51	107,3	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	6,22	107,3	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	5,93	107,3	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	5,56	107,3	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	5,11	107,3	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	7,38	107,3	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	7,18	107,3	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	6,48	107,3	0,00	89,32	-	-	0,00	0,00	-
35	8.658	8.659	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	6,53	107,3	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	7,47	107,3	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	5,65	107,3	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	6,65	107,3	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	7,72	107,3	0,00	88,39	-	-	0,00	0,00	-
Somme			23,65								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglementé: O PF4 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	1,74	94,9	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	-1,12	94,9	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	-0,08	94,9	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	1,04	94,9	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	2,44	94,9	0,00	83,43	-	-	0,00	0,00	-
6	5.804	5.805	-1,51	94,9	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	-0,54	94,9	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	0,49	94,9	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	-2,92	95,1	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	-3,02	95,1	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	-3,14	95,1	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	-3,23	95,1	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	-2,86	95,1	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	-3,09	95,1	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	-4,21	95,8	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	-6,89	95,8	0,00	90,71	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
17	10.123	10.124	-7,42	95,8	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	-6,78	95,8	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	-5,96	95,8	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	-6,11	95,8	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	-6,85	95,8	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	-7,12	95,8	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	-6,36	95,8	0,00	90,31	-	-	0,00	0,00	-
24	9.491	9.493	-6,68	95,8	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	-7,01	95,8	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	-5,18	95,8	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	-5,29	95,8	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	-5,58	95,8	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	-5,95	95,8	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	-6,40	95,8	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	-4,14	95,8	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	-4,33	95,8	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	-4,66	95,8	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	-5,04	95,8	0,00	89,32	-	-	0,00	0,00	-
35	8.658	8.659	-5,62	95,8	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	-4,98	95,8	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	-4,05	95,8	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	-5,87	95,8	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	-4,86	95,8	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	-3,80	95,8	0,00	88,39	-	-	0,00	0,00	-
Somme			12,84								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	6,13	99,3	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	3,27	99,3	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	4,31	99,3	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	5,42	99,3	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	6,83	99,3	0,00	83,43	-	-	0,00	0,00	-
6	5.804	5.805	2,88	99,3	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	3,85	99,3	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	4,88	99,3	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	1,61	99,6	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	1,51	99,6	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	1,39	99,6	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	1,30	99,6	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	1,67	99,6	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	1,44	99,6	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	0,48	100,5	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	-2,21	100,5	0,00	90,71	-	-	0,00	0,00	-
17	10.123	10.124	-2,73	100,5	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	-2,09	100,5	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	-1,27	100,5	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	-1,42	100,5	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	-2,16	100,5	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	-2,44	100,5	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	-1,67	100,5	0,00	90,31	-	-	0,00	0,00	-
24	9.491	9.493	-1,99	100,5	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	-2,32	100,5	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	-0,50	100,5	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	-0,60	100,5	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	-0,89	100,5	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	-1,26	100,5	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	-1,71	100,5	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	0,55	100,5	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	0,36	100,5	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	0,03	100,5	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	-0,35	100,5	0,00	89,32	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	8.658	8.659	-0,93	100,5	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	-0,29	100,5	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	0,64	100,5	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	-1,18	100,5	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	-0,18	100,5	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	0,89	100,5	0,00	88,39	-	-	0,00	0,00	-
Somme			17,37								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	9,89	103,1	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	7,03	103,1	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	8,07	103,1	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	9,18	103,1	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	10,59	103,1	0,00	83,43	-	-	0,00	0,00	-
6	5.804	5.805	6,64	103,1	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	7,61	103,1	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	8,64	103,1	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	5,68	103,7	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	5,59	103,7	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	5,46	103,7	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	5,37	103,7	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	5,74	103,7	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	5,51	103,7	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	4,62	104,6	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	1,94	104,6	0,00	90,71	-	-	0,00	0,00	-
17	10.123	10.124	1,41	104,6	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	2,05	104,6	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	2,87	104,6	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	2,72	104,6	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	1,98	104,6	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	1,71	104,6	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	2,47	104,6	0,00	90,31	-	-	0,00	0,00	-
24	9.491	9.493	2,16	104,6	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	1,83	104,6	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	3,65	104,6	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	3,54	104,6	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	3,25	104,6	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	2,88	104,6	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	2,43	104,6	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	4,70	104,6	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	4,50	104,6	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	4,18	104,6	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	3,80	104,6	0,00	89,32	-	-	0,00	0,00	-
35	8.658	8.659	3,22	104,6	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	3,85	104,6	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	4,78	104,6	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	2,97	104,6	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	3,97	104,6	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	5,04	104,6	0,00	88,39	-	-	0,00	0,00	-
Somme			21,33								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	11,16	104,4	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	8,30	104,4	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	9,34	104,4	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	10,46	104,4	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	11,86	104,4	0,00	83,43	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
6	5.804	5.805	7,92	104,4	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	8,89	104,4	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	9,92	104,4	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	8,80	106,8	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	8,70	106,8	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	8,58	106,8	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	8,49	106,8	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	8,86	106,8	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	8,63	106,8	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	7,15	107,1	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	4,47	107,1	0,00	90,71	-	-	0,00	0,00	-
17	10.123	10.124	3,95	107,1	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	4,58	107,1	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	5,41	107,1	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	5,25	107,1	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	4,51	107,1	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	4,24	107,1	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	5,00	107,1	0,00	90,31	-	-	0,00	0,00	-
24	9.491	9.493	4,69	107,1	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	4,36	107,1	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	6,18	107,1	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	6,07	107,1	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	5,78	107,1	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	5,41	107,1	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	4,96	107,1	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	7,23	107,1	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	7,03	107,1	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	6,71	107,1	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	6,33	107,1	0,00	89,32	-	-	0,00	0,00	-
35	8.658	8.659	5,75	107,1	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	6,38	107,1	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	7,32	107,1	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	5,50	107,1	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	6,50	107,1	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	7,57	107,1	0,00	88,39	-	-	0,00	0,00	-
Somme			23,47								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	11,19	104,4	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	8,33	104,4	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	9,37	104,4	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	10,49	104,4	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	11,89	104,4	0,00	83,43	-	-	0,00	0,00	-
6	5.804	5.805	7,95	104,4	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	8,92	104,4	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	9,95	104,4	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	9,27	107,3	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	9,17	107,3	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	9,05	107,3	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	8,96	107,3	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	9,32	107,3	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	9,10	107,3	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	4,62	107,3	0,00	90,71	-	-	0,00	0,00	-
17	10.123	10.124	4,10	107,3	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	4,73	107,3	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	5,56	107,3	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	5,40	107,3	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	4,66	107,3	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	5,15	107,3	0,00	90,31	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
24	9.491	9.493	4,84	107,3	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	4,51	107,3	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	6,22	107,3	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	5,93	107,3	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	5,56	107,3	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	5,11	107,3	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	7,38	107,3	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	7,18	107,3	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	6,48	107,3	0,00	89,32	-	-	0,00	0,00	-
35	8.658	8.659	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	6,53	107,3	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	7,47	107,3	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	5,65	107,3	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	6,65	107,3	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	7,72	107,3	0,00	88,39	-	-	0,00	0,00	-
Somme			23,65								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.432	4.432	11,19	104,4	0,00	83,93	-	-	0,00	0,00	-
2	5.622	5.622	8,33	104,4	0,00	86,00	-	-	0,00	0,00	-
3	5.155	5.156	9,37	104,4	0,00	85,25	-	-	0,00	0,00	-
4	4.699	4.699	10,49	104,4	0,00	84,44	-	-	0,00	0,00	-
5	4.182	4.183	11,89	104,4	0,00	83,43	-	-	0,00	0,00	-
6	5.804	5.805	7,95	104,4	0,00	86,28	-	-	0,00	0,00	-
7	5.353	5.354	8,92	104,4	0,00	85,57	-	-	0,00	0,00	-
8	4.915	4.915	9,95	104,4	0,00	84,83	-	-	0,00	0,00	-
9	6.624	6.625	9,27	107,3	0,00	87,42	-	-	0,00	0,00	-
10	6.678	6.679	9,17	107,3	0,00	87,49	-	-	0,00	0,00	-
11	6.746	6.747	9,05	107,3	0,00	87,58	-	-	0,00	0,00	-
12	6.799	6.801	8,96	107,3	0,00	87,65	-	-	0,00	0,00	-
13	6.592	6.593	9,32	107,3	0,00	87,38	-	-	0,00	0,00	-
14	6.719	6.720	9,10	107,3	0,00	87,55	-	-	0,00	0,00	-
15	7.673	7.674	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
16	9.672	9.673	4,62	107,3	0,00	90,71	-	-	0,00	0,00	-
17	10.123	10.124	4,10	107,3	0,00	91,11	-	-	0,00	0,00	-
18	9.579	9.580	4,73	107,3	0,00	90,63	-	-	0,00	0,00	-
19	8.919	8.919	5,56	107,3	0,00	90,01	-	-	0,00	0,00	-
20	9.037	9.038	5,40	107,3	0,00	90,12	-	-	0,00	0,00	-
21	9.634	9.635	4,66	107,3	0,00	90,68	-	-	0,00	0,00	-
22	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
23	9.236	9.237	5,15	107,3	0,00	90,31	-	-	0,00	0,00	-
24	9.491	9.493	4,84	107,3	0,00	90,55	-	-	0,00	0,00	-
25	9.768	9.769	4,51	107,3	0,00	90,80	-	-	0,00	0,00	-
26	8.342	8.343	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
27	8.420	8.421	6,22	107,3	0,00	89,51	-	-	0,00	0,00	-
28	8.633	8.634	5,93	107,3	0,00	89,72	-	-	0,00	0,00	-
29	8.913	8.914	5,56	107,3	0,00	90,00	-	-	0,00	0,00	-
30	9.267	9.268	5,11	107,3	0,00	90,34	-	-	0,00	0,00	-
31	7.624	7.625	7,38	107,3	0,00	88,65	-	-	0,00	0,00	-
32	7.753	7.754	7,18	107,3	0,00	88,79	-	-	0,00	0,00	-
33	7.971	7.973	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
34	8.236	8.238	6,48	107,3	0,00	89,32	-	-	0,00	0,00	-
35	8.658	8.659	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
36	8.198	8.199	6,53	107,3	0,00	89,28	-	-	0,00	0,00	-
37	7.566	7.567	7,47	107,3	0,00	88,58	-	-	0,00	0,00	-
38	8.848	8.850	5,65	107,3	0,00	89,94	-	-	0,00	0,00	-
39	8.115	8.117	6,65	107,3	0,00	89,19	-	-	0,00	0,00	-
40	7.405	7.407	7,72	107,3	0,00	88,39	-	-	0,00	0,00	-
Somme			23,65								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglémenté: P PF5 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	-0,81	94,9	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	-3,19	94,9	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	-2,32	94,9	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	-1,41	94,9	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	-0,27	94,9	0,00	85,38	-	-	0,00	0,00	-
6	6.863	6.864	-3,51	94,9	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	-2,69	94,9	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	-1,84	94,9	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	-3,89	95,1	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	-4,05	95,1	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	-4,24	95,1	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	-4,41	95,1	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	-4,36	95,1	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	-4,62	95,1	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	-5,08	95,8	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	-7,48	95,8	0,00	91,15	-	-	0,00	0,00	-
17	10.652	10.653	-8,00	95,8	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	-7,76	95,8	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	-7,00	95,8	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	-7,09	95,8	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	-7,77	95,8	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	-7,96	95,8	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	-7,24	95,8	0,00	90,97	-	-	0,00	0,00	-
24	10.160	10.161	-7,46	95,8	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	-7,69	95,8	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	-6,30	95,8	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	-6,33	95,8	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	-6,50	95,8	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	-6,76	95,8	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	-7,09	95,8	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	-5,35	95,8	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	-5,45	95,8	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	-5,65	95,8	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	-5,90	95,8	0,00	89,96	-	-	0,00	0,00	-
35	9.210	9.211	-6,33	95,8	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	-5,69	95,8	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	-4,80	95,8	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	-6,41	95,8	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	-5,46	95,8	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	-4,44	95,8	0,00	88,87	-	-	0,00	0,00	-
Somme			11,28								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	3,58	99,3	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	1,20	99,3	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	2,07	99,3	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	2,98	99,3	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	4,12	99,3	0,00	85,38	-	-	0,00	0,00	-
6	6.863	6.864	0,88	99,3	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	1,69	99,3	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	2,55	99,3	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	0,64	99,6	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	0,48	99,6	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	0,29	99,6	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	0,12	99,6	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	0,17	99,6	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	-0,10	99,6	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	-0,39	100,5	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	-2,79	100,5	0,00	91,15	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
17	10.652	10.653	-3,31	100,5	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	-3,08	100,5	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	-2,31	100,5	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	-2,40	100,5	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	-3,09	100,5	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	-3,27	100,5	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	-2,55	100,5	0,00	90,97	-	-	0,00	0,00	-
24	10.160	10.161	-2,77	100,5	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	-3,00	100,5	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	-1,61	100,5	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	-1,64	100,5	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	-1,81	100,5	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	-2,07	100,5	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	-2,40	100,5	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	-0,66	100,5	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	-0,76	100,5	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	-0,96	100,5	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	-1,21	100,5	0,00	89,96	-	-	0,00	0,00	-
35	9.210	9.211	-1,64	100,5	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	-1,00	100,5	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	-0,11	100,5	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	-1,72	100,5	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	-0,77	100,5	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	0,24	100,5	0,00	88,87	-	-	0,00	0,00	-
Somme			15,83								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	7,34	103,1	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	4,96	103,1	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	5,83	103,1	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	6,74	103,1	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	7,88	103,1	0,00	85,38	-	-	0,00	0,00	-
6	6.863	6.864	4,64	103,1	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	5,46	103,1	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	6,31	103,1	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	4,71	103,7	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	4,55	103,7	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	4,37	103,7	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	4,20	103,7	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	4,24	103,7	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	3,98	103,7	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	3,76	104,6	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	1,35	104,6	0,00	91,15	-	-	0,00	0,00	-
17	10.652	10.653	0,83	104,6	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	1,07	104,6	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	1,83	104,6	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	1,75	104,6	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	1,06	104,6	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	0,88	104,6	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	1,59	104,6	0,00	90,97	-	-	0,00	0,00	-
24	10.160	10.161	1,37	104,6	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	1,14	104,6	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	2,54	104,6	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	2,51	104,6	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	2,33	104,6	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	2,07	104,6	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	1,74	104,6	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	3,48	104,6	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	3,39	104,6	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	3,19	104,6	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	2,93	104,6	0,00	89,96	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	9.210	9.211	2,50	104,6	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	3,14	104,6	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	4,03	104,6	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	2,42	104,6	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	3,38	104,6	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	4,39	104,6	0,00	88,87	-	-	0,00	0,00	-
Somme			19,82								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	8,62	104,4	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	6,24	104,4	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	7,10	104,4	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	8,01	104,4	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	9,15	104,4	0,00	85,38	-	-	0,00	0,00	-
6	6.863	6.864	5,92	104,4	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	6,73	104,4	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	7,58	104,4	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	7,83	106,8	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	7,67	106,8	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	7,48	106,8	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	7,31	106,8	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	7,36	106,8	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	7,09	106,8	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	6,29	107,1	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	3,88	107,1	0,00	91,15	-	-	0,00	0,00	-
17	10.652	10.653	3,36	107,1	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	3,60	107,1	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	4,36	107,1	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	4,28	107,1	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	3,59	107,1	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	3,41	107,1	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	4,12	107,1	0,00	90,97	-	-	0,00	0,00	-
24	10.160	10.161	3,90	107,1	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	3,67	107,1	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	5,07	107,1	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	5,04	107,1	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	4,87	107,1	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	4,61	107,1	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	4,27	107,1	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	6,01	107,1	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	5,92	107,1	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	5,72	107,1	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	5,46	107,1	0,00	89,96	-	-	0,00	0,00	-
35	9.210	9.211	5,03	107,1	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	5,68	107,1	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	6,56	107,1	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	4,95	107,1	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	5,91	107,1	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	6,92	107,1	0,00	88,87	-	-	0,00	0,00	-
Somme			22,07								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	8,64	104,4	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	6,27	104,4	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	7,13	104,4	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	8,04	104,4	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	9,18	104,4	0,00	85,38	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
6	6.863	6.864	5,95	104,4	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	6,76	104,4	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	7,61	104,4	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	8,30	107,3	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	7,95	107,3	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	7,78	107,3	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	7,83	107,3	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	7,56	107,3	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	6,44	107,3	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	4,03	107,3	0,00	91,15	-	-	0,00	0,00	-
17	10.652	10.653	3,51	107,3	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	3,75	107,3	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	4,51	107,3	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	4,43	107,3	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	3,74	107,3	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	3,56	107,3	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	4,27	107,3	0,00	90,97	-	-	0,00	0,00	-
24	10.160	10.161	4,05	107,3	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	5,22	107,3	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	5,19	107,3	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	5,02	107,3	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	4,76	107,3	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	4,42	107,3	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	6,16	107,3	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	6,07	107,3	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	5,87	107,3	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	5,61	107,3	0,00	89,96	-	-	0,00	0,00	-
35	9.210	9.211	5,18	107,3	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	5,83	107,3	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	6,71	107,3	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	5,10	107,3	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	6,06	107,3	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	7,07	107,3	0,00	88,87	-	-	0,00	0,00	-
Somme			22,25								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	8,64	104,4	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	6,27	104,4	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	7,13	104,4	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	8,04	104,4	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	9,18	104,4	0,00	85,38	-	-	0,00	0,00	-
6	6.863	6.864	5,95	104,4	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	6,76	104,4	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	7,61	104,4	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	8,30	107,3	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	7,95	107,3	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	7,78	107,3	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	7,83	107,3	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	7,56	107,3	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	6,44	107,3	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	4,03	107,3	0,00	91,15	-	-	0,00	0,00	-
17	10.652	10.653	3,51	107,3	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	3,75	107,3	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	4,51	107,3	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	4,43	107,3	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	3,74	107,3	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	3,56	107,3	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	4,27	107,3	0,00	90,97	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
24	10.160	10.161	4,05	107,3	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	5,22	107,3	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	5,19	107,3	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	5,02	107,3	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	4,76	107,3	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	4,42	107,3	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	6,16	107,3	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	6,07	107,3	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	5,87	107,3	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	5,61	107,3	0,00	89,96	-	-	0,00	0,00	-
35	9.210	9.211	5,18	107,3	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	5,83	107,3	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	6,71	107,3	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	5,10	107,3	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	6,06	107,3	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	7,07	107,3	0,00	88,87	-	-	0,00	0,00	-
Somme			22,25								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: Q PF5 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	-0,81	94,9	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	-3,19	94,9	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	-2,32	94,9	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	-1,41	94,9	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	-0,27	94,9	0,00	85,38	-	-	0,00	0,00	-
6	6.863	6.864	-3,51	94,9	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	-2,69	94,9	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	-1,84	94,9	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	-3,89	95,1	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	-4,05	95,1	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	-4,24	95,1	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	-4,41	95,1	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	-4,36	95,1	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	-4,62	95,1	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	-5,08	95,8	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	-7,48	95,8	0,00	91,15	-	-	0,00	0,00	-
17	10.652	10.653	-8,00	95,8	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	-7,76	95,8	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	-7,00	95,8	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	-7,09	95,8	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	-7,77	95,8	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	-7,96	95,8	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	-7,24	95,8	0,00	90,97	-	-	0,00	0,00	-
24	10.160	10.161	-7,46	95,8	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	-7,69	95,8	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	-6,30	95,8	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	-6,33	95,8	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	-6,50	95,8	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	-6,76	95,8	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	-7,09	95,8	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	-5,35	95,8	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	-5,45	95,8	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	-5,65	95,8	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	-5,90	95,8	0,00	89,96	-	-	0,00	0,00	-
35	9.210	9.211	-6,33	95,8	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	-5,69	95,8	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	-4,80	95,8	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	-6,41	95,8	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	-5,46	95,8	0,00	89,63	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
40	7.827	7.829	-4,44	95,8	0,00	88,87	-	-	0,00	0,00	-
Somme			11,28								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	3,58	99,3	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	1,20	99,3	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	2,07	99,3	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	2,98	99,3	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	4,12	99,3	0,00	85,38	-	-	0,00	0,00	-
6	6.863	6.864	0,88	99,3	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	1,69	99,3	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	2,55	99,3	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	0,64	99,6	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	0,48	99,6	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	0,29	99,6	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	0,12	99,6	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	0,17	99,6	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	-0,10	99,6	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	-0,39	100,5	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	-2,79	100,5	0,00	91,15	-	-	0,00	0,00	-
17	10.652	10.653	-3,31	100,5	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	-3,08	100,5	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	-2,31	100,5	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	-2,40	100,5	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	-3,09	100,5	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	-3,27	100,5	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	-2,55	100,5	0,00	90,97	-	-	0,00	0,00	-
24	10.160	10.161	-2,77	100,5	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	-3,00	100,5	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	-1,61	100,5	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	-1,64	100,5	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	-1,81	100,5	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	-2,07	100,5	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	-2,40	100,5	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	-0,66	100,5	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	-0,76	100,5	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	-0,96	100,5	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	-1,21	100,5	0,00	89,96	-	-	0,00	0,00	-
35	9.210	9.211	-1,64	100,5	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	-1,00	100,5	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	-0,11	100,5	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	-1,72	100,5	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	-0,77	100,5	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	0,24	100,5	0,00	88,87	-	-	0,00	0,00	-
Somme			15,83								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	7,34	103,1	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	4,96	103,1	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	5,83	103,1	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	6,74	103,1	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	7,88	103,1	0,00	85,38	-	-	0,00	0,00	-
6	6.863	6.864	4,64	103,1	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	5,46	103,1	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	6,31	103,1	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	4,71	103,7	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	4,55	103,7	0,00	88,25	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
11	7.400	7.401	4,37	103,7	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	4,20	103,7	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	4,24	103,7	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	3,98	103,7	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	3,76	104,6	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	1,35	104,6	0,00	91,15	-	-	0,00	0,00	-
17	10.652	10.653	0,83	104,6	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	1,07	104,6	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	1,83	104,6	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	1,75	104,6	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	1,06	104,6	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	0,88	104,6	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	1,59	104,6	0,00	90,97	-	-	0,00	0,00	-
24	10.160	10.161	1,37	104,6	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	1,14	104,6	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	2,54	104,6	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	2,51	104,6	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	2,33	104,6	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	2,07	104,6	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	1,74	104,6	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	3,48	104,6	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	3,39	104,6	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	3,19	104,6	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	2,93	104,6	0,00	89,96	-	-	0,00	0,00	-
35	9.210	9.211	2,50	104,6	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	3,14	104,6	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	4,03	104,6	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	2,42	104,6	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	3,38	104,6	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	4,39	104,6	0,00	88,87	-	-	0,00	0,00	-
Somme			19,82								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	8,62	104,4	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	6,24	104,4	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	7,10	104,4	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	8,01	104,4	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	9,15	104,4	0,00	85,38	-	-	0,00	0,00	-
6	6.863	6.864	5,92	104,4	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	6,73	104,4	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	7,58	104,4	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	7,83	106,8	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	7,67	106,8	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	7,48	106,8	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	7,31	106,8	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	7,36	106,8	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	7,09	106,8	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	6,29	107,1	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	3,88	107,1	0,00	91,15	-	-	0,00	0,00	-
17	10.652	10.653	3,36	107,1	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	3,60	107,1	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	4,36	107,1	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	4,28	107,1	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	3,59	107,1	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	3,41	107,1	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	4,12	107,1	0,00	90,97	-	-	0,00	0,00	-
24	10.160	10.161	3,90	107,1	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	3,67	107,1	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	5,07	107,1	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	5,04	107,1	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	4,87	107,1	0,00	90,41	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
29	9.558	9.559	4,61	107,1	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	4,27	107,1	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	6,01	107,1	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	5,92	107,1	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	5,72	107,1	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	5,46	107,1	0,00	89,96	-	-	0,00	0,00	-
35	9.210	9.211	5,03	107,1	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	5,68	107,1	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	6,56	107,1	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	4,95	107,1	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	5,91	107,1	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	6,92	107,1	0,00	88,87	-	-	0,00	0,00	-
Somme			22,07								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	8,64	104,4	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	6,27	104,4	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	7,13	104,4	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	8,04	104,4	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	9,18	104,4	0,00	85,38	-	-	0,00	0,00	-
6	6.863	6.864	5,95	104,4	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	6,76	104,4	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	7,61	104,4	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	8,30	107,3	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	7,95	107,3	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	7,78	107,3	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	7,83	107,3	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	7,56	107,3	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	6,44	107,3	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	4,03	107,3	0,00	91,15	-	-	0,00	0,00	-
17	10.652	10.653	3,51	107,3	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	3,75	107,3	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	4,51	107,3	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	4,43	107,3	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	3,74	107,3	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	3,56	107,3	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	4,27	107,3	0,00	90,97	-	-	0,00	0,00	-
24	10.160	10.161	4,05	107,3	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	5,22	107,3	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	5,19	107,3	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	5,02	107,3	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	4,76	107,3	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	4,42	107,3	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	6,16	107,3	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	6,07	107,3	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	5,87	107,3	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	5,61	107,3	0,00	89,96	-	-	0,00	0,00	-
35	9.210	9.211	5,18	107,3	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	5,83	107,3	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	6,71	107,3	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	5,10	107,3	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	6,06	107,3	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	7,07	107,3	0,00	88,87	-	-	0,00	0,00	-
Somme			22,25								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	8,64	104,4	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	6,27	104,4	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	7,13	104,4	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	8,04	104,4	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	9,18	104,4	0,00	85,38	-	-	0,00	0,00	-
6	6.863	6.864	5,95	104,4	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	6,76	104,4	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	7,61	104,4	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	8,30	107,3	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	7,95	107,3	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	7,78	107,3	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	7,83	107,3	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	7,56	107,3	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	6,44	107,3	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	4,03	107,3	0,00	91,15	-	-	0,00	0,00	-
17	10.652	10.653	3,51	107,3	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	3,75	107,3	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	4,51	107,3	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	4,43	107,3	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	3,74	107,3	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	3,56	107,3	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	4,27	107,3	0,00	90,97	-	-	0,00	0,00	-
24	10.160	10.161	4,05	107,3	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	5,22	107,3	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	5,19	107,3	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	5,02	107,3	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	4,76	107,3	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	4,42	107,3	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	6,16	107,3	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	6,07	107,3	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	5,87	107,3	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	5,61	107,3	0,00	89,96	-	-	0,00	0,00	-
35	9.210	9.211	5,18	107,3	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	5,83	107,3	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	6,71	107,3	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	5,10	107,3	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	6,06	107,3	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	7,07	107,3	0,00	88,87	-	-	0,00	0,00	-
Somme			22,25								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: R PF5 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	-0,81	94,9	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	-3,19	94,9	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	-2,32	94,9	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	-1,41	94,9	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	-0,27	94,9	0,00	85,38	-	-	0,00	0,00	-
6	6.863	6.864	-3,51	94,9	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	-2,69	94,9	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	-1,84	94,9	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	-3,89	95,1	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	-4,05	95,1	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	-4,24	95,1	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	-4,41	95,1	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	-4,36	95,1	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	-4,62	95,1	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	-5,08	95,8	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	-7,48	95,8	0,00	91,15	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
17	10.652	10.653	-8,00	95,8	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	-7,76	95,8	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	-7,00	95,8	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	-7,09	95,8	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	-7,77	95,8	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	-7,96	95,8	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	-7,24	95,8	0,00	90,97	-	-	0,00	0,00	-
24	10.160	10.161	-7,46	95,8	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	-7,69	95,8	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	-6,30	95,8	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	-6,33	95,8	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	-6,50	95,8	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	-6,76	95,8	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	-7,09	95,8	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	-5,35	95,8	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	-5,45	95,8	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	-5,65	95,8	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	-5,90	95,8	0,00	89,96	-	-	0,00	0,00	-
35	9.210	9.211	-6,33	95,8	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	-5,69	95,8	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	-4,80	95,8	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	-6,41	95,8	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	-5,46	95,8	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	-4,44	95,8	0,00	88,87	-	-	0,00	0,00	-
Somme			11,28								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	3,58	99,3	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	1,20	99,3	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	2,07	99,3	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	2,98	99,3	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	4,12	99,3	0,00	85,38	-	-	0,00	0,00	-
6	6.863	6.864	0,88	99,3	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	1,69	99,3	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	2,55	99,3	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	0,64	99,6	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	0,48	99,6	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	0,29	99,6	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	0,12	99,6	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	0,17	99,6	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	-0,10	99,6	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	-0,39	100,5	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	-2,79	100,5	0,00	91,15	-	-	0,00	0,00	-
17	10.652	10.653	-3,31	100,5	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	-3,08	100,5	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	-2,31	100,5	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	-2,40	100,5	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	-3,09	100,5	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	-3,27	100,5	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	-2,55	100,5	0,00	90,97	-	-	0,00	0,00	-
24	10.160	10.161	-2,77	100,5	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	-3,00	100,5	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	-1,61	100,5	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	-1,64	100,5	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	-1,81	100,5	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	-2,07	100,5	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	-2,40	100,5	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	-0,66	100,5	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	-0,76	100,5	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	-0,96	100,5	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	-1,21	100,5	0,00	89,96	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	9.210	9.211	-1,64	100,5	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	-1,00	100,5	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	-0,11	100,5	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	-1,72	100,5	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	-0,77	100,5	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	0,24	100,5	0,00	88,87	-	-	0,00	0,00	-
Somme			15,83								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	7,34	103,1	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	4,96	103,1	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	5,83	103,1	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	6,74	103,1	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	7,88	103,1	0,00	85,38	-	-	0,00	0,00	-
6	6.863	6.864	4,64	103,1	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	5,46	103,1	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	6,31	103,1	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	4,71	103,7	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	4,55	103,7	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	4,37	103,7	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	4,20	103,7	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	4,24	103,7	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	3,98	103,7	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	3,76	104,6	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	1,35	104,6	0,00	91,15	-	-	0,00	0,00	-
17	10.652	10.653	0,83	104,6	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	1,07	104,6	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	1,83	104,6	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	1,75	104,6	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	1,06	104,6	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	0,88	104,6	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	1,59	104,6	0,00	90,97	-	-	0,00	0,00	-
24	10.160	10.161	1,37	104,6	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	1,14	104,6	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	2,54	104,6	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	2,51	104,6	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	2,33	104,6	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	2,07	104,6	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	1,74	104,6	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	3,48	104,6	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	3,39	104,6	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	3,19	104,6	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	2,93	104,6	0,00	89,96	-	-	0,00	0,00	-
35	9.210	9.211	2,50	104,6	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	3,14	104,6	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	4,03	104,6	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	2,42	104,6	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	3,38	104,6	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	4,39	104,6	0,00	88,87	-	-	0,00	0,00	-
Somme			19,82								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	8,62	104,4	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	6,24	104,4	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	7,10	104,4	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	8,01	104,4	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	9,15	104,4	0,00	85,38	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
6	6.863	6.864	5,92	104,4	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	6,73	104,4	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	7,58	104,4	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	7,83	106,8	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	7,67	106,8	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	7,48	106,8	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	7,31	106,8	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	7,36	106,8	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	7,09	106,8	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	6,29	107,1	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	3,88	107,1	0,00	91,15	-	-	0,00	0,00	-
17	10.652	10.653	3,36	107,1	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	3,60	107,1	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	4,36	107,1	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	4,28	107,1	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	3,59	107,1	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	3,41	107,1	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	4,12	107,1	0,00	90,97	-	-	0,00	0,00	-
24	10.160	10.161	3,90	107,1	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	3,67	107,1	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	5,07	107,1	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	5,04	107,1	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	4,87	107,1	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	4,61	107,1	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	4,27	107,1	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	6,01	107,1	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	5,92	107,1	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	5,72	107,1	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	5,46	107,1	0,00	89,96	-	-	0,00	0,00	-
35	9.210	9.211	5,03	107,1	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	5,68	107,1	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	6,56	107,1	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	4,95	107,1	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	5,91	107,1	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	6,92	107,1	0,00	88,87	-	-	0,00	0,00	-
Somme			22,07								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	8,64	104,4	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	6,27	104,4	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	7,13	104,4	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	8,04	104,4	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	9,18	104,4	0,00	85,38	-	-	0,00	0,00	-
6	6.863	6.864	5,95	104,4	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	6,76	104,4	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	7,61	104,4	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	8,30	107,3	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	7,95	107,3	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	7,78	107,3	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	7,83	107,3	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	7,56	107,3	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	6,44	107,3	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	4,03	107,3	0,00	91,15	-	-	0,00	0,00	-
17	10.652	10.653	3,51	107,3	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	3,75	107,3	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	4,51	107,3	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	4,43	107,3	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	3,74	107,3	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	3,56	107,3	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	4,27	107,3	0,00	90,97	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
24	10.160	10.161	4,05	107,3	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	5,22	107,3	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	5,19	107,3	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	5,02	107,3	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	4,76	107,3	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	4,42	107,3	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	6,16	107,3	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	6,07	107,3	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	5,87	107,3	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	5,61	107,3	0,00	89,96	-	-	0,00	0,00	-
35	9.210	9.211	5,18	107,3	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	5,83	107,3	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	6,71	107,3	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	5,10	107,3	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	6,06	107,3	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	7,07	107,3	0,00	88,87	-	-	0,00	0,00	-
Somme			22,25								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	8,64	104,4	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	6,27	104,4	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	7,13	104,4	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	8,04	104,4	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	9,18	104,4	0,00	85,38	-	-	0,00	0,00	-
6	6.863	6.864	5,95	104,4	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	6,76	104,4	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	7,61	104,4	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	8,30	107,3	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	7,95	107,3	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	7,78	107,3	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	7,83	107,3	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	7,56	107,3	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	6,44	107,3	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	4,03	107,3	0,00	91,15	-	-	0,00	0,00	-
17	10.652	10.653	3,51	107,3	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	3,75	107,3	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	4,51	107,3	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	4,43	107,3	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	3,74	107,3	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	3,56	107,3	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	4,27	107,3	0,00	90,97	-	-	0,00	0,00	-
24	10.160	10.161	4,05	107,3	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	5,22	107,3	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	5,19	107,3	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	5,02	107,3	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	4,76	107,3	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	4,42	107,3	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	6,16	107,3	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	6,07	107,3	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	5,87	107,3	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	5,61	107,3	0,00	89,96	-	-	0,00	0,00	-
35	9.210	9.211	5,18	107,3	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	5,83	107,3	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	6,71	107,3	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	5,10	107,3	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	6,06	107,3	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	7,07	107,3	0,00	88,87	-	-	0,00	0,00	-
Somme			22,25								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglémenté: S PF5 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	-0,81	94,9	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	-3,19	94,9	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	-2,32	94,9	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	-1,41	94,9	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	-0,27	94,9	0,00	85,38	-	-	0,00	0,00	-
6	6.863	6.864	-3,51	94,9	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	-2,69	94,9	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	-1,84	94,9	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	-3,89	95,1	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	-4,05	95,1	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	-4,24	95,1	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	-4,41	95,1	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	-4,36	95,1	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	-4,62	95,1	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	-5,08	95,8	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	-7,48	95,8	0,00	91,15	-	-	0,00	0,00	-
17	10.652	10.653	-8,00	95,8	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	-7,76	95,8	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	-7,00	95,8	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	-7,09	95,8	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	-7,77	95,8	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	-7,96	95,8	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	-7,24	95,8	0,00	90,97	-	-	0,00	0,00	-
24	10.160	10.161	-7,46	95,8	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	-7,69	95,8	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	-6,30	95,8	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	-6,33	95,8	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	-6,50	95,8	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	-6,76	95,8	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	-7,09	95,8	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	-5,35	95,8	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	-5,45	95,8	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	-5,65	95,8	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	-5,90	95,8	0,00	89,96	-	-	0,00	0,00	-
35	9.210	9.211	-6,33	95,8	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	-5,69	95,8	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	-4,80	95,8	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	-6,41	95,8	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	-5,46	95,8	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	-4,44	95,8	0,00	88,87	-	-	0,00	0,00	-
Somme			11,28								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	3,58	99,3	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	1,20	99,3	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	2,07	99,3	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	2,98	99,3	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	4,12	99,3	0,00	85,38	-	-	0,00	0,00	-
6	6.863	6.864	0,88	99,3	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	1,69	99,3	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	2,55	99,3	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	0,64	99,6	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	0,48	99,6	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	0,29	99,6	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	0,12	99,6	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	0,17	99,6	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	-0,10	99,6	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	-0,39	100,5	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	-2,79	100,5	0,00	91,15	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
17	10.652	10.653	-3,31	100,5	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	-3,08	100,5	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	-2,31	100,5	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	-2,40	100,5	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	-3,09	100,5	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	-3,27	100,5	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	-2,55	100,5	0,00	90,97	-	-	0,00	0,00	-
24	10.160	10.161	-2,77	100,5	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	-3,00	100,5	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	-1,61	100,5	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	-1,64	100,5	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	-1,81	100,5	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	-2,07	100,5	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	-2,40	100,5	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	-0,66	100,5	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	-0,76	100,5	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	-0,96	100,5	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	-1,21	100,5	0,00	89,96	-	-	0,00	0,00	-
35	9.210	9.211	-1,64	100,5	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	-1,00	100,5	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	-0,11	100,5	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	-1,72	100,5	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	-0,77	100,5	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	0,24	100,5	0,00	88,87	-	-	0,00	0,00	-
Somme			15,83								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	7,34	103,1	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	4,96	103,1	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	5,83	103,1	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	6,74	103,1	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	7,88	103,1	0,00	85,38	-	-	0,00	0,00	-
6	6.863	6.864	4,64	103,1	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	5,46	103,1	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	6,31	103,1	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	4,71	103,7	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	4,55	103,7	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	4,37	103,7	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	4,20	103,7	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	4,24	103,7	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	3,98	103,7	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	3,76	104,6	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	1,35	104,6	0,00	91,15	-	-	0,00	0,00	-
17	10.652	10.653	0,83	104,6	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	1,07	104,6	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	1,83	104,6	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	1,75	104,6	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	1,06	104,6	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	0,88	104,6	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	1,59	104,6	0,00	90,97	-	-	0,00	0,00	-
24	10.160	10.161	1,37	104,6	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	1,14	104,6	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	2,54	104,6	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	2,51	104,6	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	2,33	104,6	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	2,07	104,6	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	1,74	104,6	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	3,48	104,6	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	3,39	104,6	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	3,19	104,6	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	2,93	104,6	0,00	89,96	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	9.210	9.211	2,50	104,6	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	3,14	104,6	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	4,03	104,6	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	2,42	104,6	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	3,38	104,6	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	4,39	104,6	0,00	88,87	-	-	0,00	0,00	-
Somme			19,82								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	8,62	104,4	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	6,24	104,4	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	7,10	104,4	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	8,01	104,4	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	9,15	104,4	0,00	85,38	-	-	0,00	0,00	-
6	6.863	6.864	5,92	104,4	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	6,73	104,4	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	7,58	104,4	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	7,83	106,8	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	7,67	106,8	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	7,48	106,8	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	7,31	106,8	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	7,36	106,8	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	7,09	106,8	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	6,29	107,1	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	3,88	107,1	0,00	91,15	-	-	0,00	0,00	-
17	10.652	10.653	3,36	107,1	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	3,60	107,1	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	4,36	107,1	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	4,28	107,1	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	3,59	107,1	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	3,41	107,1	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	4,12	107,1	0,00	90,97	-	-	0,00	0,00	-
24	10.160	10.161	3,90	107,1	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	3,67	107,1	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	5,07	107,1	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	5,04	107,1	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	4,87	107,1	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	4,61	107,1	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	4,27	107,1	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	6,01	107,1	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	5,92	107,1	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	5,72	107,1	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	5,46	107,1	0,00	89,96	-	-	0,00	0,00	-
35	9.210	9.211	5,03	107,1	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	5,68	107,1	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	6,56	107,1	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	4,95	107,1	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	5,91	107,1	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	6,92	107,1	0,00	88,87	-	-	0,00	0,00	-
Somme			22,07								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	8,64	104,4	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	6,27	104,4	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	7,13	104,4	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	8,04	104,4	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	9,18	104,4	0,00	85,38	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
6	6.863	6.864	5,95	104,4	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	6,76	104,4	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	7,61	104,4	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	8,30	107,3	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	7,95	107,3	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	7,78	107,3	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	7,83	107,3	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	7,56	107,3	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	6,44	107,3	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	4,03	107,3	0,00	91,15	-	-	0,00	0,00	-
17	10.652	10.653	3,51	107,3	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	3,75	107,3	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	4,51	107,3	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	4,43	107,3	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	3,74	107,3	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	3,56	107,3	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	4,27	107,3	0,00	90,97	-	-	0,00	0,00	-
24	10.160	10.161	4,05	107,3	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	5,22	107,3	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	5,19	107,3	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	5,02	107,3	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	4,76	107,3	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	4,42	107,3	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	6,16	107,3	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	6,07	107,3	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	5,87	107,3	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	5,61	107,3	0,00	89,96	-	-	0,00	0,00	-
35	9.210	9.211	5,18	107,3	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	5,83	107,3	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	6,71	107,3	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	5,10	107,3	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	6,06	107,3	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	7,07	107,3	0,00	88,87	-	-	0,00	0,00	-
Somme			22,25								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	5.476	5.477	8,64	104,4	0,00	85,77	-	-	0,00	0,00	-
2	6.680	6.681	6,27	104,4	0,00	87,50	-	-	0,00	0,00	-
3	6.215	6.215	7,13	104,4	0,00	86,87	-	-	0,00	0,00	-
4	5.758	5.758	8,04	104,4	0,00	86,21	-	-	0,00	0,00	-
5	5.238	5.238	9,18	104,4	0,00	85,38	-	-	0,00	0,00	-
6	6.863	6.864	5,95	104,4	0,00	87,73	-	-	0,00	0,00	-
7	6.410	6.411	6,76	104,4	0,00	87,14	-	-	0,00	0,00	-
8	5.967	5.968	7,61	104,4	0,00	86,52	-	-	0,00	0,00	-
9	7.187	7.188	8,30	107,3	0,00	88,13	-	-	0,00	0,00	-
10	7.285	7.286	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
11	7.400	7.401	7,95	107,3	0,00	88,39	-	-	0,00	0,00	-
12	7.507	7.508	7,78	107,3	0,00	88,51	-	-	0,00	0,00	-
13	7.478	7.479	7,83	107,3	0,00	88,48	-	-	0,00	0,00	-
14	7.648	7.649	7,56	107,3	0,00	88,67	-	-	0,00	0,00	-
15	8.264	8.266	6,44	107,3	0,00	89,35	-	-	0,00	0,00	-
16	10.179	10.180	4,03	107,3	0,00	91,15	-	-	0,00	0,00	-
17	10.652	10.653	3,51	107,3	0,00	91,55	-	-	0,00	0,00	-
18	10.433	10.434	3,75	107,3	0,00	91,37	-	-	0,00	0,00	-
19	9.764	9.766	4,51	107,3	0,00	90,79	-	-	0,00	0,00	-
20	9.836	9.837	4,43	107,3	0,00	90,86	-	-	0,00	0,00	-
21	10.442	10.443	3,74	107,3	0,00	91,38	-	-	0,00	0,00	-
22	10.610	10.611	3,56	107,3	0,00	91,52	-	-	0,00	0,00	-
23	9.967	9.968	4,27	107,3	0,00	90,97	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
24	10.160	10.161	4,05	107,3	0,00	91,14	-	-	0,00	0,00	-
25	10.365	10.366	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
26	9.183	9.184	5,22	107,3	0,00	90,26	-	-	0,00	0,00	-
27	9.208	9.209	5,19	107,3	0,00	90,28	-	-	0,00	0,00	-
28	9.345	9.347	5,02	107,3	0,00	90,41	-	-	0,00	0,00	-
29	9.558	9.559	4,76	107,3	0,00	90,61	-	-	0,00	0,00	-
30	9.841	9.842	4,42	107,3	0,00	90,86	-	-	0,00	0,00	-
31	8.462	8.464	6,16	107,3	0,00	89,55	-	-	0,00	0,00	-
32	8.532	8.533	6,07	107,3	0,00	89,62	-	-	0,00	0,00	-
33	8.681	8.682	5,87	107,3	0,00	89,77	-	-	0,00	0,00	-
34	8.875	8.876	5,61	107,3	0,00	89,96	-	-	0,00	0,00	-
35	9.210	9.211	5,18	107,3	0,00	90,29	-	-	0,00	0,00	-
36	8.712	8.714	5,83	107,3	0,00	89,80	-	-	0,00	0,00	-
37	8.070	8.071	6,71	107,3	0,00	89,14	-	-	0,00	0,00	-
38	9.275	9.276	5,10	107,3	0,00	90,35	-	-	0,00	0,00	-
39	8.540	8.541	6,06	107,3	0,00	89,63	-	-	0,00	0,00	-
40	7.827	7.829	7,07	107,3	0,00	88,87	-	-	0,00	0,00	-
Somme			22,25								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: T PF6 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	3,16	94,9	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	0,85	94,9	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	1,93	94,9	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	3,03	94,9	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	4,32	94,9	0,00	82,07	-	-	0,00	0,00	-
6	5.045	5.046	0,18	94,9	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	1,13	94,9	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	2,09	94,9	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	-4,07	95,1	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	-4,05	95,1	0,00	88,25	-	-	0,00	0,00	-
11	7.279	7.280	-4,04	95,1	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	-3,97	95,1	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	-2,97	95,1	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	-2,98	95,1	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	-5,10	95,8	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	-7,69	95,8	0,00	91,31	-	-	0,00	0,00	-
17	10.777	10.778	-8,14	95,8	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	-6,87	95,8	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	-6,09	95,8	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	-6,37	95,8	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	-7,06	95,8	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	-7,48	95,8	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	-6,78	95,8	0,00	90,62	-	-	0,00	0,00	-
24	9.939	9.940	-7,21	95,8	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	-7,65	95,8	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	-5,36	95,8	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	-5,62	95,8	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	-6,09	95,8	0,00	90,10	-	-	0,00	0,00	-
29	9.408	9.409	-6,58	95,8	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	-7,12	95,8	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	-4,36	95,8	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	-4,74	95,8	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	-5,23	95,8	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	-5,75	95,8	0,00	89,85	-	-	0,00	0,00	-
35	9.302	9.304	-6,45	95,8	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	-5,94	95,8	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	-5,12	95,8	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	-6,88	95,8	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	-5,98	95,8	0,00	90,03	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
40	8.245	8.246	-5,05	95,8	0,00	89,33	-	-	0,00	0,00	-
Somme			13,51								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	7,55	99,3	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	5,24	99,3	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	6,32	99,3	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	7,42	99,3	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	8,71	99,3	0,00	82,07	-	-	0,00	0,00	-
6	5.045	5.046	4,57	99,3	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	5,52	99,3	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	6,48	99,3	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	0,46	99,6	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	0,48	99,6	0,00	88,25	-	-	0,00	0,00	-
11	7.279	7.280	0,49	99,6	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	0,55	99,6	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	1,56	99,6	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	1,55	99,6	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	-0,41	100,5	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	-3,00	100,5	0,00	91,31	-	-	0,00	0,00	-
17	10.777	10.778	-3,45	100,5	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	-2,18	100,5	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	-1,40	100,5	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	-1,68	100,5	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	-2,37	100,5	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	-2,79	100,5	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	-2,09	100,5	0,00	90,62	-	-	0,00	0,00	-
24	9.939	9.940	-2,52	100,5	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	-2,96	100,5	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	-0,67	100,5	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	-0,93	100,5	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	-1,40	100,5	0,00	90,10	-	-	0,00	0,00	-
29	9.408	9.409	-1,89	100,5	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	-2,44	100,5	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	0,32	100,5	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	-0,05	100,5	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	-0,54	100,5	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	-1,06	100,5	0,00	89,85	-	-	0,00	0,00	-
35	9.302	9.304	-1,76	100,5	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	-1,25	100,5	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	-0,44	100,5	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	-2,19	100,5	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	-1,30	100,5	0,00	90,03	-	-	0,00	0,00	-
40	8.245	8.246	-0,36	100,5	0,00	89,33	-	-	0,00	0,00	-
Somme			18,00								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	11,31	103,1	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	9,00	103,1	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	10,08	103,1	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	11,18	103,1	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	12,47	103,1	0,00	82,07	-	-	0,00	0,00	-
6	5.045	5.046	8,33	103,1	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	9,28	103,1	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	10,24	103,1	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	4,53	103,7	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	4,55	103,7	0,00	88,25	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
11	7.279	7.280	4,56	103,7	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	4,63	103,7	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	5,63	103,7	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	5,63	103,7	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	3,74	104,6	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	1,14	104,6	0,00	91,31	-	-	0,00	0,00	-
17	10.777	10.778	0,70	104,6	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	1,96	104,6	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	2,74	104,6	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	2,46	104,6	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	1,77	104,6	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	1,36	104,6	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	2,06	104,6	0,00	90,62	-	-	0,00	0,00	-
24	9.939	9.940	1,63	104,6	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	1,19	104,6	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	3,48	104,6	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	3,21	104,6	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	2,75	104,6	0,00	90,10	-	-	0,00	0,00	-
29	9.408	9.409	2,26	104,6	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	1,71	104,6	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	4,47	104,6	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	4,09	104,6	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	3,60	104,6	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	3,09	104,6	0,00	89,85	-	-	0,00	0,00	-
35	9.302	9.304	2,39	104,6	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	2,89	104,6	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	3,71	104,6	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	1,96	104,6	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	2,85	104,6	0,00	90,03	-	-	0,00	0,00	-
40	8.245	8.246	3,78	104,6	0,00	89,33	-	-	0,00	0,00	-
Somme			21,91								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	12,58	104,4	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	10,28	104,4	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	11,35	104,4	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	12,45	104,4	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	13,75	104,4	0,00	82,07	-	-	0,00	0,00	-
6	5.045	5.046	9,60	104,4	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	10,55	104,4	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	11,51	104,4	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	7,65	106,8	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	7,67	106,8	0,00	88,25	-	-	0,00	0,00	-
11	7.279	7.280	7,68	106,8	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	7,74	106,8	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	8,75	106,8	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	8,74	106,8	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	6,27	107,1	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	3,67	107,1	0,00	91,31	-	-	0,00	0,00	-
17	10.777	10.778	3,23	107,1	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	4,49	107,1	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	5,27	107,1	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	4,99	107,1	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	4,30	107,1	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	3,89	107,1	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	4,59	107,1	0,00	90,62	-	-	0,00	0,00	-
24	9.939	9.940	4,16	107,1	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	3,72	107,1	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	6,01	107,1	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	5,75	107,1	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	5,28	107,1	0,00	90,10	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
29	9.408	9.409	4,79	107,1	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	4,24	107,1	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	7,00	107,1	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	6,62	107,1	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	6,13	107,1	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	5,62	107,1	0,00	89,85	-	-	0,00	0,00	-
35	9.302	9.304	4,92	107,1	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	5,42	107,1	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	6,24	107,1	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	4,49	107,1	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	5,38	107,1	0,00	90,03	-	-	0,00	0,00	-
40	8.245	8.246	6,31	107,1	0,00	89,33	-	-	0,00	0,00	-
Somme			23,86								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	12,61	104,4	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	10,30	104,4	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	11,38	104,4	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	12,48	104,4	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	13,77	104,4	0,00	82,07	-	-	0,00	0,00	-
6	5.045	5.046	9,63	104,4	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	10,58	104,4	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	11,54	104,4	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	8,12	107,3	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
11	7.279	7.280	8,15	107,3	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	8,21	107,3	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	9,22	107,3	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	9,21	107,3	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	6,42	107,3	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
17	10.777	10.778	3,38	107,3	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	4,64	107,3	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	5,42	107,3	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	5,14	107,3	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	4,45	107,3	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	4,04	107,3	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	4,74	107,3	0,00	90,62	-	-	0,00	0,00	-
24	9.939	9.940	4,31	107,3	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	3,87	107,3	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	6,16	107,3	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	5,43	107,3	0,00	90,10	-	-	0,00	0,00	-
29	9.408	9.409	4,94	107,3	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	7,15	107,3	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	6,77	107,3	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	6,28	107,3	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	5,77	107,3	0,00	89,85	-	-	0,00	0,00	-
35	9.302	9.304	5,07	107,3	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	5,57	107,3	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	6,39	107,3	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	4,64	107,3	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	5,53	107,3	0,00	90,03	-	-	0,00	0,00	-
40	8.245	8.246	6,46	107,3	0,00	89,33	-	-	0,00	0,00	-
Somme			24,00								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	12,61	104,4	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	10,30	104,4	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	11,38	104,4	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	12,48	104,4	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	13,77	104,4	0,00	82,07	-	-	0,00	0,00	-
6	5.045	5.046	9,63	104,4	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	10,58	104,4	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	11,54	104,4	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	8,12	107,3	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
11	7.279	7.280	8,15	107,3	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	8,21	107,3	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	9,22	107,3	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	9,21	107,3	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	6,42	107,3	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
17	10.777	10.778	3,38	107,3	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	4,64	107,3	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	5,42	107,3	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	5,14	107,3	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	4,45	107,3	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	4,04	107,3	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	4,74	107,3	0,00	90,62	-	-	0,00	0,00	-
24	9.939	9.940	4,31	107,3	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	3,87	107,3	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	6,16	107,3	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	5,43	107,3	0,00	90,10	-	-	0,00	0,00	-
29	9.408	9.409	4,94	107,3	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	7,15	107,3	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	6,77	107,3	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	6,28	107,3	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	5,77	107,3	0,00	89,85	-	-	0,00	0,00	-
35	9.302	9.304	5,07	107,3	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	5,57	107,3	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	6,39	107,3	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	4,64	107,3	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	5,53	107,3	0,00	90,03	-	-	0,00	0,00	-
40	8.245	8.246	6,46	107,3	0,00	89,33	-	-	0,00	0,00	-
Somme			24,00								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglementé: U PF6 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	3,16	94,9	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	0,85	94,9	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	1,93	94,9	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	3,03	94,9	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	4,32	94,9	0,00	82,07	-	-	0,00	0,00	-
6	5.045	5.046	0,18	94,9	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	1,13	94,9	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	2,09	94,9	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	-4,07	95,1	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	-4,05	95,1	0,00	88,25	-	-	0,00	0,00	-
11	7.279	7.280	-4,04	95,1	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	-3,97	95,1	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	-2,97	95,1	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	-2,98	95,1	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	-5,10	95,8	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	-7,69	95,8	0,00	91,31	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
17	10.777	10.778	-8,14	95,8	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	-6,87	95,8	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	-6,09	95,8	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	-6,37	95,8	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	-7,06	95,8	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	-7,48	95,8	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	-6,78	95,8	0,00	90,62	-	-	0,00	0,00	-
24	9.939	9.940	-7,21	95,8	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	-7,65	95,8	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	-5,36	95,8	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	-5,62	95,8	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	-6,09	95,8	0,00	90,10	-	-	0,00	0,00	-
29	9.408	9.409	-6,58	95,8	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	-7,12	95,8	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	-4,36	95,8	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	-4,74	95,8	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	-5,23	95,8	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	-5,75	95,8	0,00	89,85	-	-	0,00	0,00	-
35	9.302	9.304	-6,45	95,8	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	-5,94	95,8	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	-5,12	95,8	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	-6,88	95,8	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	-5,98	95,8	0,00	90,03	-	-	0,00	0,00	-
40	8.245	8.246	-5,05	95,8	0,00	89,33	-	-	0,00	0,00	-
Somme			13,51								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	7,55	99,3	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	5,24	99,3	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	6,32	99,3	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	7,42	99,3	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	8,71	99,3	0,00	82,07	-	-	0,00	0,00	-
6	5.045	5.046	4,57	99,3	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	5,52	99,3	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	6,48	99,3	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	0,46	99,6	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	0,48	99,6	0,00	88,25	-	-	0,00	0,00	-
11	7.279	7.280	0,49	99,6	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	0,55	99,6	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	1,56	99,6	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	1,55	99,6	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	-0,41	100,5	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	-3,00	100,5	0,00	91,31	-	-	0,00	0,00	-
17	10.777	10.778	-3,45	100,5	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	-2,18	100,5	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	-1,40	100,5	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	-1,68	100,5	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	-2,37	100,5	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	-2,79	100,5	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	-2,09	100,5	0,00	90,62	-	-	0,00	0,00	-
24	9.939	9.940	-2,52	100,5	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	-2,96	100,5	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	-0,67	100,5	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	-0,93	100,5	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	-1,40	100,5	0,00	90,10	-	-	0,00	0,00	-
29	9.408	9.409	-1,89	100,5	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	-2,44	100,5	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	0,32	100,5	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	-0,05	100,5	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	-0,54	100,5	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	-1,06	100,5	0,00	89,85	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	9.302	9.304	-1,76	100,5	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	-1,25	100,5	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	-0,44	100,5	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	-2,19	100,5	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	-1,30	100,5	0,00	90,03	-	-	0,00	0,00	-
40	8.245	8.246	-0,36	100,5	0,00	89,33	-	-	0,00	0,00	-
Somme			18,00								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	11,31	103,1	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	9,00	103,1	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	10,08	103,1	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	11,18	103,1	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	12,47	103,1	0,00	82,07	-	-	0,00	0,00	-
6	5.045	5.046	8,33	103,1	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	9,28	103,1	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	10,24	103,1	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	4,53	103,7	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	4,55	103,7	0,00	88,25	-	-	0,00	0,00	-
11	7.279	7.280	4,56	103,7	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	4,63	103,7	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	5,63	103,7	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	5,63	103,7	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	3,74	104,6	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	1,14	104,6	0,00	91,31	-	-	0,00	0,00	-
17	10.777	10.778	0,70	104,6	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	1,96	104,6	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	2,74	104,6	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	2,46	104,6	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	1,77	104,6	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	1,36	104,6	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	2,06	104,6	0,00	90,62	-	-	0,00	0,00	-
24	9.939	9.940	1,63	104,6	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	1,19	104,6	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	3,48	104,6	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	3,21	104,6	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	2,75	104,6	0,00	90,10	-	-	0,00	0,00	-
29	9.408	9.409	2,26	104,6	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	1,71	104,6	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	4,47	104,6	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	4,09	104,6	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	3,60	104,6	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	3,09	104,6	0,00	89,85	-	-	0,00	0,00	-
35	9.302	9.304	2,39	104,6	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	2,89	104,6	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	3,71	104,6	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	1,96	104,6	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	2,85	104,6	0,00	90,03	-	-	0,00	0,00	-
40	8.245	8.246	3,78	104,6	0,00	89,33	-	-	0,00	0,00	-
Somme			21,91								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	12,58	104,4	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	10,28	104,4	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	11,35	104,4	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	12,45	104,4	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	13,75	104,4	0,00	82,07	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
6	5.045	5.046	9,60	104,4	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	10,55	104,4	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	11,51	104,4	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	7,65	106,8	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	7,67	106,8	0,00	88,25	-	-	0,00	0,00	-
11	7.279	7.280	7,68	106,8	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	7,74	106,8	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	8,75	106,8	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	8,74	106,8	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	6,27	107,1	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	3,67	107,1	0,00	91,31	-	-	0,00	0,00	-
17	10.777	10.778	3,23	107,1	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	4,49	107,1	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	5,27	107,1	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	4,99	107,1	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	4,30	107,1	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	3,89	107,1	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	4,59	107,1	0,00	90,62	-	-	0,00	0,00	-
24	9.939	9.940	4,16	107,1	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	3,72	107,1	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	6,01	107,1	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	5,75	107,1	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	5,28	107,1	0,00	90,10	-	-	0,00	0,00	-
29	9.408	9.409	4,79	107,1	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	4,24	107,1	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	7,00	107,1	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	6,62	107,1	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	6,13	107,1	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	5,62	107,1	0,00	89,85	-	-	0,00	0,00	-
35	9.302	9.304	4,92	107,1	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	5,42	107,1	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	6,24	107,1	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	4,49	107,1	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	5,38	107,1	0,00	90,03	-	-	0,00	0,00	-
40	8.245	8.246	6,31	107,1	0,00	89,33	-	-	0,00	0,00	-
Somme			23,86								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	12,61	104,4	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	10,30	104,4	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	11,38	104,4	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	12,48	104,4	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	13,77	104,4	0,00	82,07	-	-	0,00	0,00	-
6	5.045	5.046	9,63	104,4	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	10,58	104,4	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	11,54	104,4	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	8,12	107,3	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
11	7.279	7.280	8,15	107,3	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	8,21	107,3	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	9,22	107,3	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	9,21	107,3	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	6,42	107,3	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
17	10.777	10.778	3,38	107,3	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	4,64	107,3	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	5,42	107,3	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	5,14	107,3	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	4,45	107,3	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	4,04	107,3	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	4,74	107,3	0,00	90,62	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
24	9.939	9.940	4,31	107,3	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	3,87	107,3	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	6,16	107,3	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	5,43	107,3	0,00	90,10	-	-	0,00	0,00	-
29	9.408	9.409	4,94	107,3	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	7,15	107,3	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	6,77	107,3	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	6,28	107,3	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	5,77	107,3	0,00	89,85	-	-	0,00	0,00	-
35	9.302	9.304	5,07	107,3	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	5,57	107,3	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	6,39	107,3	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	4,64	107,3	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	5,53	107,3	0,00	90,03	-	-	0,00	0,00	-
40	8.245	8.246	6,46	107,3	0,00	89,33	-	-	0,00	0,00	-
Somme			24,00								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	12,61	104,4	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	10,30	104,4	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	11,38	104,4	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	12,48	104,4	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	13,77	104,4	0,00	82,07	-	-	0,00	0,00	-
6	5.045	5.046	9,63	104,4	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	10,58	104,4	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	11,54	104,4	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	8,12	107,3	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
11	7.279	7.280	8,15	107,3	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	8,21	107,3	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	9,22	107,3	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	9,21	107,3	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	6,42	107,3	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
17	10.777	10.778	3,38	107,3	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	4,64	107,3	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	5,42	107,3	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	5,14	107,3	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	4,45	107,3	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	4,04	107,3	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	4,74	107,3	0,00	90,62	-	-	0,00	0,00	-
24	9.939	9.940	4,31	107,3	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	3,87	107,3	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	6,16	107,3	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	5,43	107,3	0,00	90,10	-	-	0,00	0,00	-
29	9.408	9.409	4,94	107,3	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	7,15	107,3	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	6,77	107,3	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	6,28	107,3	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	5,77	107,3	0,00	89,85	-	-	0,00	0,00	-
35	9.302	9.304	5,07	107,3	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	5,57	107,3	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	6,39	107,3	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	4,64	107,3	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	5,53	107,3	0,00	90,03	-	-	0,00	0,00	-
40	8.245	8.246	6,46	107,3	0,00	89,33	-	-	0,00	0,00	-
Somme			24,00								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglémenté: V PF6 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	3,16	94,9	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	0,85	94,9	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	1,93	94,9	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	3,03	94,9	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	4,32	94,9	0,00	82,07	-	-	0,00	0,00	-
6	5.045	5.046	0,18	94,9	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	1,13	94,9	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	2,09	94,9	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	-4,07	95,1	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	-4,05	95,1	0,00	88,25	-	-	0,00	0,00	-
11	7.279	7.280	-4,04	95,1	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	-3,97	95,1	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	-2,97	95,1	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	-2,98	95,1	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	-5,10	95,8	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	-7,69	95,8	0,00	91,31	-	-	0,00	0,00	-
17	10.777	10.778	-8,14	95,8	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	-6,87	95,8	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	-6,09	95,8	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	-6,37	95,8	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	-7,06	95,8	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	-7,48	95,8	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	-6,78	95,8	0,00	90,62	-	-	0,00	0,00	-
24	9.939	9.940	-7,21	95,8	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	-7,65	95,8	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	-5,36	95,8	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	-5,62	95,8	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	-6,09	95,8	0,00	90,10	-	-	0,00	0,00	-
29	9.408	9.409	-6,58	95,8	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	-7,12	95,8	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	-4,36	95,8	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	-4,74	95,8	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	-5,23	95,8	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	-5,75	95,8	0,00	89,85	-	-	0,00	0,00	-
35	9.302	9.304	-6,45	95,8	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	-5,94	95,8	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	-5,12	95,8	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	-6,88	95,8	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	-5,98	95,8	0,00	90,03	-	-	0,00	0,00	-
40	8.245	8.246	-5,05	95,8	0,00	89,33	-	-	0,00	0,00	-
Somme			13,51								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	7,55	99,3	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	5,24	99,3	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	6,32	99,3	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	7,42	99,3	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	8,71	99,3	0,00	82,07	-	-	0,00	0,00	-
6	5.045	5.046	4,57	99,3	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	5,52	99,3	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	6,48	99,3	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	0,46	99,6	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	0,48	99,6	0,00	88,25	-	-	0,00	0,00	-
11	7.279	7.280	0,49	99,6	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	0,55	99,6	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	1,56	99,6	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	1,55	99,6	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	-0,41	100,5	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	-3,00	100,5	0,00	91,31	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
17	10.777	10.778	-3,45	100,5	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	-2,18	100,5	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	-1,40	100,5	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	-1,68	100,5	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	-2,37	100,5	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	-2,79	100,5	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	-2,09	100,5	0,00	90,62	-	-	0,00	0,00	-
24	9.939	9.940	-2,52	100,5	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	-2,96	100,5	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	-0,67	100,5	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	-0,93	100,5	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	-1,40	100,5	0,00	90,10	-	-	0,00	0,00	-
29	9.408	9.409	-1,89	100,5	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	-2,44	100,5	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	0,32	100,5	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	-0,05	100,5	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	-0,54	100,5	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	-1,06	100,5	0,00	89,85	-	-	0,00	0,00	-
35	9.302	9.304	-1,76	100,5	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	-1,25	100,5	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	-0,44	100,5	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	-2,19	100,5	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	-1,30	100,5	0,00	90,03	-	-	0,00	0,00	-
40	8.245	8.246	-0,36	100,5	0,00	89,33	-	-	0,00	0,00	-
Somme			18,00								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	11,31	103,1	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	9,00	103,1	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	10,08	103,1	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	11,18	103,1	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	12,47	103,1	0,00	82,07	-	-	0,00	0,00	-
6	5.045	5.046	8,33	103,1	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	9,28	103,1	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	10,24	103,1	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	4,53	103,7	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	4,55	103,7	0,00	88,25	-	-	0,00	0,00	-
11	7.279	7.280	4,56	103,7	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	4,63	103,7	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	5,63	103,7	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	5,63	103,7	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	3,74	104,6	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	1,14	104,6	0,00	91,31	-	-	0,00	0,00	-
17	10.777	10.778	0,70	104,6	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	1,96	104,6	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	2,74	104,6	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	2,46	104,6	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	1,77	104,6	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	1,36	104,6	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	2,06	104,6	0,00	90,62	-	-	0,00	0,00	-
24	9.939	9.940	1,63	104,6	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	1,19	104,6	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	3,48	104,6	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	3,21	104,6	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	2,75	104,6	0,00	90,10	-	-	0,00	0,00	-
29	9.408	9.409	2,26	104,6	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	1,71	104,6	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	4,47	104,6	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	4,09	104,6	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	3,60	104,6	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	3,09	104,6	0,00	89,85	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	9.302	9.304	2,39	104,6	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	2,89	104,6	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	3,71	104,6	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	1,96	104,6	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	2,85	104,6	0,00	90,03	-	-	0,00	0,00	-
40	8.245	8.246	3,78	104,6	0,00	89,33	-	-	0,00	0,00	-
Somme			21,91								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	12,58	104,4	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	10,28	104,4	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	11,35	104,4	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	12,45	104,4	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	13,75	104,4	0,00	82,07	-	-	0,00	0,00	-
6	5.045	5.046	9,60	104,4	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	10,55	104,4	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	11,51	104,4	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	7,65	106,8	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	7,67	106,8	0,00	88,25	-	-	0,00	0,00	-
11	7.279	7.280	7,68	106,8	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	7,74	106,8	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	8,75	106,8	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	8,74	106,8	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	6,27	107,1	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	3,67	107,1	0,00	91,31	-	-	0,00	0,00	-
17	10.777	10.778	3,23	107,1	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	4,49	107,1	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	5,27	107,1	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	4,99	107,1	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	4,30	107,1	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	3,89	107,1	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	4,59	107,1	0,00	90,62	-	-	0,00	0,00	-
24	9.939	9.940	4,16	107,1	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	3,72	107,1	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	6,01	107,1	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	5,75	107,1	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	5,28	107,1	0,00	90,10	-	-	0,00	0,00	-
29	9.408	9.409	4,79	107,1	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	4,24	107,1	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	7,00	107,1	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	6,62	107,1	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	6,13	107,1	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	5,62	107,1	0,00	89,85	-	-	0,00	0,00	-
35	9.302	9.304	4,92	107,1	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	5,42	107,1	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	6,24	107,1	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	4,49	107,1	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	5,38	107,1	0,00	90,03	-	-	0,00	0,00	-
40	8.245	8.246	6,31	107,1	0,00	89,33	-	-	0,00	0,00	-
Somme			23,86								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	12,61	104,4	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	10,30	104,4	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	11,38	104,4	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	12,48	104,4	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	13,77	104,4	0,00	82,07	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
6	5.045	5.046	9,63	104,4	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	10,58	104,4	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	11,54	104,4	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	8,12	107,3	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
11	7.279	7.280	8,15	107,3	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	8,21	107,3	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	9,22	107,3	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	9,21	107,3	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	6,42	107,3	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
17	10.777	10.778	3,38	107,3	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	4,64	107,3	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	5,42	107,3	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	5,14	107,3	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	4,45	107,3	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	4,04	107,3	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	4,74	107,3	0,00	90,62	-	-	0,00	0,00	-
24	9.939	9.940	4,31	107,3	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	3,87	107,3	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	6,16	107,3	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	5,43	107,3	0,00	90,10	-	-	0,00	0,00	-
29	9.408	9.409	4,94	107,3	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	7,15	107,3	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	6,77	107,3	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	6,28	107,3	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	5,77	107,3	0,00	89,85	-	-	0,00	0,00	-
35	9.302	9.304	5,07	107,3	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	5,57	107,3	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	6,39	107,3	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	4,64	107,3	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	5,53	107,3	0,00	90,03	-	-	0,00	0,00	-
40	8.245	8.246	6,46	107,3	0,00	89,33	-	-	0,00	0,00	-
Somme			24,00								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	12,61	104,4	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	10,30	104,4	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	11,38	104,4	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	12,48	104,4	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	13,77	104,4	0,00	82,07	-	-	0,00	0,00	-
6	5.045	5.046	9,63	104,4	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	10,58	104,4	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	11,54	104,4	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	8,12	107,3	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
11	7.279	7.280	8,15	107,3	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	8,21	107,3	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	9,22	107,3	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	9,21	107,3	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	6,42	107,3	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
17	10.777	10.778	3,38	107,3	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	4,64	107,3	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	5,42	107,3	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	5,14	107,3	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	4,45	107,3	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	4,04	107,3	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	4,74	107,3	0,00	90,62	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
24	9.939	9.940	4,31	107,3	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	3,87	107,3	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	6,16	107,3	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	5,43	107,3	0,00	90,10	-	-	0,00	0,00	-
29	9.408	9.409	4,94	107,3	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	7,15	107,3	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	6,77	107,3	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	6,28	107,3	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	5,77	107,3	0,00	89,85	-	-	0,00	0,00	-
35	9.302	9.304	5,07	107,3	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	5,57	107,3	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	6,39	107,3	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	4,64	107,3	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	5,53	107,3	0,00	90,03	-	-	0,00	0,00	-
40	8.245	8.246	6,46	107,3	0,00	89,33	-	-	0,00	0,00	-
Somme			24,00								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: W PF6 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	3,16	94,9	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	0,85	94,9	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	1,93	94,9	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	3,03	94,9	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	4,32	94,9	0,00	82,07	-	-	0,00	0,00	-
6	5.045	5.046	0,18	94,9	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	1,13	94,9	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	2,09	94,9	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	-4,07	95,1	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	-4,05	95,1	0,00	88,25	-	-	0,00	0,00	-
11	7.279	7.280	-4,04	95,1	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	-3,97	95,1	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	-2,97	95,1	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	-2,98	95,1	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	-5,10	95,8	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	-7,69	95,8	0,00	91,31	-	-	0,00	0,00	-
17	10.777	10.778	-8,14	95,8	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	-6,87	95,8	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	-6,09	95,8	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	-6,37	95,8	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	-7,06	95,8	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	-7,48	95,8	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	-6,78	95,8	0,00	90,62	-	-	0,00	0,00	-
24	9.939	9.940	-7,21	95,8	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	-7,65	95,8	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	-5,36	95,8	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	-5,62	95,8	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	-6,09	95,8	0,00	90,10	-	-	0,00	0,00	-
29	9.408	9.409	-6,58	95,8	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	-7,12	95,8	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	-4,36	95,8	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	-4,74	95,8	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	-5,23	95,8	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	-5,75	95,8	0,00	89,85	-	-	0,00	0,00	-
35	9.302	9.304	-6,45	95,8	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	-5,94	95,8	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	-5,12	95,8	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	-6,88	95,8	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	-5,98	95,8	0,00	90,03	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
40	8.245	8.246	-5,05	95,8	0,00	89,33	-	-	0,00	0,00	-
Somme			13,51								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	7,55	99,3	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	5,24	99,3	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	6,32	99,3	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	7,42	99,3	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	8,71	99,3	0,00	82,07	-	-	0,00	0,00	-
6	5.045	5.046	4,57	99,3	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	5,52	99,3	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	6,48	99,3	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	0,46	99,6	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	0,48	99,6	0,00	88,25	-	-	0,00	0,00	-
11	7.279	7.280	0,49	99,6	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	0,55	99,6	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	1,56	99,6	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	1,55	99,6	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	-0,41	100,5	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	-3,00	100,5	0,00	91,31	-	-	0,00	0,00	-
17	10.777	10.778	-3,45	100,5	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	-2,18	100,5	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	-1,40	100,5	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	-1,68	100,5	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	-2,37	100,5	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	-2,79	100,5	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	-2,09	100,5	0,00	90,62	-	-	0,00	0,00	-
24	9.939	9.940	-2,52	100,5	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	-2,96	100,5	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	-0,67	100,5	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	-0,93	100,5	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	-1,40	100,5	0,00	90,10	-	-	0,00	0,00	-
29	9.408	9.409	-1,89	100,5	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	-2,44	100,5	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	0,32	100,5	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	-0,05	100,5	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	-0,54	100,5	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	-1,06	100,5	0,00	89,85	-	-	0,00	0,00	-
35	9.302	9.304	-1,76	100,5	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	-1,25	100,5	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	-0,44	100,5	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	-2,19	100,5	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	-1,30	100,5	0,00	90,03	-	-	0,00	0,00	-
40	8.245	8.246	-0,36	100,5	0,00	89,33	-	-	0,00	0,00	-
Somme			18,00								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	11,31	103,1	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	9,00	103,1	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	10,08	103,1	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	11,18	103,1	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	12,47	103,1	0,00	82,07	-	-	0,00	0,00	-
6	5.045	5.046	8,33	103,1	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	9,28	103,1	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	10,24	103,1	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	4,53	103,7	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	4,55	103,7	0,00	88,25	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
11	7.279	7.280	4,56	103,7	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	4,63	103,7	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	5,63	103,7	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	5,63	103,7	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	3,74	104,6	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	1,14	104,6	0,00	91,31	-	-	0,00	0,00	-
17	10.777	10.778	0,70	104,6	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	1,96	104,6	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	2,74	104,6	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	2,46	104,6	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	1,77	104,6	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	1,36	104,6	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	2,06	104,6	0,00	90,62	-	-	0,00	0,00	-
24	9.939	9.940	1,63	104,6	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	1,19	104,6	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	3,48	104,6	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	3,21	104,6	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	2,75	104,6	0,00	90,10	-	-	0,00	0,00	-
29	9.408	9.409	2,26	104,6	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	1,71	104,6	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	4,47	104,6	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	4,09	104,6	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	3,60	104,6	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	3,09	104,6	0,00	89,85	-	-	0,00	0,00	-
35	9.302	9.304	2,39	104,6	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	2,89	104,6	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	3,71	104,6	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	1,96	104,6	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	2,85	104,6	0,00	90,03	-	-	0,00	0,00	-
40	8.245	8.246	3,78	104,6	0,00	89,33	-	-	0,00	0,00	-
Somme			21,91								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	12,58	104,4	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	10,28	104,4	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	11,35	104,4	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	12,45	104,4	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	13,75	104,4	0,00	82,07	-	-	0,00	0,00	-
6	5.045	5.046	9,60	104,4	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	10,55	104,4	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	11,51	104,4	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	7,65	106,8	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	7,67	106,8	0,00	88,25	-	-	0,00	0,00	-
11	7.279	7.280	7,68	106,8	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	7,74	106,8	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	8,75	106,8	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	8,74	106,8	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	6,27	107,1	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	3,67	107,1	0,00	91,31	-	-	0,00	0,00	-
17	10.777	10.778	3,23	107,1	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	4,49	107,1	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	5,27	107,1	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	4,99	107,1	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	4,30	107,1	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	3,89	107,1	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	4,59	107,1	0,00	90,62	-	-	0,00	0,00	-
24	9.939	9.940	4,16	107,1	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	3,72	107,1	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	6,01	107,1	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	5,75	107,1	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	5,28	107,1	0,00	90,10	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
29	9.408	9.409	4,79	107,1	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	4,24	107,1	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	7,00	107,1	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	6,62	107,1	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	6,13	107,1	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	5,62	107,1	0,00	89,85	-	-	0,00	0,00	-
35	9.302	9.304	4,92	107,1	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	5,42	107,1	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	6,24	107,1	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	4,49	107,1	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	5,38	107,1	0,00	90,03	-	-	0,00	0,00	-
40	8.245	8.246	6,31	107,1	0,00	89,33	-	-	0,00	0,00	-
Somme			23,86								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	12,61	104,4	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	10,30	104,4	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	11,38	104,4	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	12,48	104,4	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	13,77	104,4	0,00	82,07	-	-	0,00	0,00	-
6	5.045	5.046	9,63	104,4	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	10,58	104,4	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	11,54	104,4	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	8,12	107,3	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
11	7.279	7.280	8,15	107,3	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	8,21	107,3	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	9,22	107,3	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	9,21	107,3	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	6,42	107,3	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
17	10.777	10.778	3,38	107,3	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	4,64	107,3	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	5,42	107,3	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	5,14	107,3	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	4,45	107,3	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	4,04	107,3	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	4,74	107,3	0,00	90,62	-	-	0,00	0,00	-
24	9.939	9.940	4,31	107,3	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	3,87	107,3	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	6,16	107,3	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	5,43	107,3	0,00	90,10	-	-	0,00	0,00	-
29	9.408	9.409	4,94	107,3	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	7,15	107,3	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	6,77	107,3	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	6,28	107,3	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	5,77	107,3	0,00	89,85	-	-	0,00	0,00	-
35	9.302	9.304	5,07	107,3	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	5,57	107,3	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	6,39	107,3	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	4,64	107,3	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	5,53	107,3	0,00	90,03	-	-	0,00	0,00	-
40	8.245	8.246	6,46	107,3	0,00	89,33	-	-	0,00	0,00	-
Somme			24,00								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.939	3.940	12,61	104,4	0,00	82,91	-	-	0,00	0,00	-
2	4.770	4.771	10,30	104,4	0,00	84,57	-	-	0,00	0,00	-
3	4.363	4.364	11,38	104,4	0,00	83,80	-	-	0,00	0,00	-
4	3.981	3.982	12,48	104,4	0,00	83,00	-	-	0,00	0,00	-
5	3.574	3.575	13,77	104,4	0,00	82,07	-	-	0,00	0,00	-
6	5.045	5.046	9,63	104,4	0,00	85,06	-	-	0,00	0,00	-
7	4.662	4.663	10,58	104,4	0,00	84,37	-	-	0,00	0,00	-
8	4.306	4.307	11,54	104,4	0,00	83,68	-	-	0,00	0,00	-
9	7.299	7.300	8,12	107,3	0,00	88,27	-	-	0,00	0,00	-
10	7.286	7.287	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
11	7.279	7.280	8,15	107,3	0,00	88,24	-	-	0,00	0,00	-
12	7.238	7.240	8,21	107,3	0,00	88,19	-	-	0,00	0,00	-
13	6.652	6.653	9,22	107,3	0,00	87,46	-	-	0,00	0,00	-
14	6.654	6.656	9,21	107,3	0,00	87,46	-	-	0,00	0,00	-
15	8.279	8.281	6,42	107,3	0,00	89,36	-	-	0,00	0,00	-
16	10.364	10.365	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
17	10.777	10.778	3,38	107,3	0,00	91,65	-	-	0,00	0,00	-
18	9.652	9.653	4,64	107,3	0,00	90,69	-	-	0,00	0,00	-
19	9.021	9.022	5,42	107,3	0,00	90,11	-	-	0,00	0,00	-
20	9.244	9.245	5,14	107,3	0,00	90,32	-	-	0,00	0,00	-
21	9.812	9.813	4,45	107,3	0,00	90,84	-	-	0,00	0,00	-
22	10.175	10.176	4,04	107,3	0,00	91,15	-	-	0,00	0,00	-
23	9.573	9.574	4,74	107,3	0,00	90,62	-	-	0,00	0,00	-
24	9.939	9.940	4,31	107,3	0,00	90,95	-	-	0,00	0,00	-
25	10.326	10.327	3,87	107,3	0,00	91,28	-	-	0,00	0,00	-
26	8.467	8.468	6,16	107,3	0,00	89,56	-	-	0,00	0,00	-
27	8.660	8.661	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
28	9.018	9.019	5,43	107,3	0,00	90,10	-	-	0,00	0,00	-
29	9.408	9.409	4,94	107,3	0,00	90,47	-	-	0,00	0,00	-
30	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
31	7.773	7.775	7,15	107,3	0,00	88,81	-	-	0,00	0,00	-
32	8.028	8.030	6,77	107,3	0,00	89,09	-	-	0,00	0,00	-
33	8.376	8.378	6,28	107,3	0,00	89,46	-	-	0,00	0,00	-
34	8.757	8.758	5,77	107,3	0,00	89,85	-	-	0,00	0,00	-
35	9.302	9.304	5,07	107,3	0,00	90,37	-	-	0,00	0,00	-
36	8.903	8.905	5,57	107,3	0,00	89,99	-	-	0,00	0,00	-
37	8.298	8.300	6,39	107,3	0,00	89,38	-	-	0,00	0,00	-
38	9.657	9.658	4,64	107,3	0,00	90,70	-	-	0,00	0,00	-
39	8.938	8.940	5,53	107,3	0,00	90,03	-	-	0,00	0,00	-
40	8.245	8.246	6,46	107,3	0,00	89,33	-	-	0,00	0,00	-
Somme			24,00								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglementé: X PF7 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	-2,45	94,9	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	-5,16	94,9	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	-4,39	94,9	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	-3,57	94,9	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	-2,53	94,9	0,00	87,02	-	-	0,00	0,00	-
6	7.854	7.854	-5,10	94,9	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	-4,32	94,9	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	-3,48	94,9	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	0,90	95,1	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	0,29	95,1	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	-0,37	95,1	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	-1,06	95,1	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	-2,80	95,1	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	-3,54	95,1	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	-1,04	95,8	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	-3,70	95,8	0,00	88,32	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
17	7.860	7.861	-4,49	95,8	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	-6,07	95,8	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	-5,19	95,8	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	-4,93	95,8	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	-5,76	95,8	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	-5,55	95,8	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	-4,65	95,8	0,00	89,03	-	-	0,00	0,00	-
24	7.883	7.884	-4,53	95,8	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	-4,42	95,8	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	-4,39	95,8	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	-4,01	95,8	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	-3,65	95,8	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	-3,53	95,8	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	-3,53	95,8	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	-3,36	95,8	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	-2,95	95,8	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	-2,63	95,8	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	-2,42	95,8	0,00	87,37	-	-	0,00	0,00	-
35	6.580	6.581	-2,41	95,8	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	-1,32	95,8	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	-0,04	95,8	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	-1,82	95,8	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	-0,44	95,8	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	1,05	95,8	0,00	84,83	-	-	0,00	0,00	-
Somme			13,36								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	1,94	99,3	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	-0,78	99,3	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	0,00	99,3	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	0,82	99,3	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	1,85	99,3	0,00	87,02	-	-	0,00	0,00	-
6	7.854	7.854	-0,71	99,3	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	0,07	99,3	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	0,90	99,3	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	5,43	99,6	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	4,82	99,6	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	4,16	99,6	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	3,47	99,6	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	1,73	99,6	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	0,99	99,6	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	3,64	100,5	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	0,99	100,5	0,00	88,32	-	-	0,00	0,00	-
17	7.860	7.861	0,20	100,5	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	-1,38	100,5	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	-0,50	100,5	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	-0,24	100,5	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	-1,07	100,5	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	-0,86	100,5	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	0,04	100,5	0,00	89,03	-	-	0,00	0,00	-
24	7.883	7.884	0,16	100,5	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	0,27	100,5	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	0,30	100,5	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	0,68	100,5	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	1,04	100,5	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	1,16	100,5	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	1,15	100,5	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	1,33	100,5	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	1,74	100,5	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	2,06	100,5	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	2,27	100,5	0,00	87,37	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	6.580	6.581	2,28	100,5	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	3,37	100,5	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	4,65	100,5	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	2,87	100,5	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	4,25	100,5	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	5,74	100,5	0,00	84,83	-	-	0,00	0,00	-
Somme			17,97								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	5,70	103,1	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	2,99	103,1	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	3,76	103,1	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	4,58	103,1	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	5,62	103,1	0,00	87,02	-	-	0,00	0,00	-
6	7.854	7.854	3,05	103,1	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	3,83	103,1	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	4,67	103,1	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	9,50	103,7	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	8,89	103,7	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	8,24	103,7	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	7,54	103,7	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	5,80	103,7	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	5,06	103,7	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	7,79	104,6	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	5,14	104,6	0,00	88,32	-	-	0,00	0,00	-
17	7.860	7.861	4,34	104,6	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	2,77	104,6	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	3,64	104,6	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	3,90	104,6	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	3,08	104,6	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	3,28	104,6	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	4,18	104,6	0,00	89,03	-	-	0,00	0,00	-
24	7.883	7.884	4,31	104,6	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	4,41	104,6	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	4,44	104,6	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	4,83	104,6	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	5,18	104,6	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	5,30	104,6	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	5,30	104,6	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	5,47	104,6	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	5,88	104,6	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	6,21	104,6	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	6,41	104,6	0,00	87,37	-	-	0,00	0,00	-
35	6.580	6.581	6,42	104,6	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	7,51	104,6	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	8,80	104,6	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	7,01	104,6	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	8,40	104,6	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	9,89	104,6	0,00	84,83	-	-	0,00	0,00	-
Somme			22,04								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	6,97	104,4	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	4,26	104,4	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	5,03	104,4	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	5,85	104,4	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	6,89	104,4	0,00	87,02	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
6	7.854	7.854	4,32	104,4	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	5,10	104,4	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	5,94	104,4	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	12,62	106,8	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	12,01	106,8	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	11,35	106,8	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	10,66	106,8	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	8,92	106,8	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	8,18	106,8	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	10,32	107,1	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	7,67	107,1	0,00	88,32	-	-	0,00	0,00	-
17	7.860	7.861	6,87	107,1	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	5,30	107,1	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	6,18	107,1	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	6,43	107,1	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	5,61	107,1	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	5,81	107,1	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	6,71	107,1	0,00	89,03	-	-	0,00	0,00	-
24	7.883	7.884	6,84	107,1	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	6,94	107,1	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	6,98	107,1	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	7,36	107,1	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	7,71	107,1	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	7,83	107,1	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	7,83	107,1	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	8,01	107,1	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	8,41	107,1	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	8,74	107,1	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	8,94	107,1	0,00	87,37	-	-	0,00	0,00	-
35	6.580	6.581	8,95	107,1	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	10,04	107,1	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	11,33	107,1	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	9,54	107,1	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	10,93	107,1	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	12,42	107,1	0,00	84,83	-	-	0,00	0,00	-
Somme			24,56								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	7,00	104,4	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	4,29	104,4	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	5,06	104,4	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	5,88	104,4	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	6,92	104,4	0,00	87,02	-	-	0,00	0,00	-
6	7.854	7.854	4,35	104,4	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	5,13	104,4	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	5,97	104,4	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	13,09	107,3	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	12,48	107,3	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	11,82	107,3	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	11,13	107,3	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	9,38	107,3	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	10,47	107,3	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	7,82	107,3	0,00	88,32	-	-	0,00	0,00	-
17	7.860	7.861	7,02	107,3	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	5,45	107,3	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	6,58	107,3	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	5,76	107,3	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	5,96	107,3	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
24	7.883	7.884	6,99	107,3	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	7,09	107,3	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	7,13	107,3	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	7,51	107,3	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	7,86	107,3	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	7,98	107,3	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	7,98	107,3	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	8,16	107,3	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	8,56	107,3	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	8,89	107,3	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	9,09	107,3	0,00	87,37	-	-	0,00	0,00	-
35	6.580	6.581	9,10	107,3	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	10,19	107,3	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	11,48	107,3	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	9,69	107,3	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	11,08	107,3	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	12,57	107,3	0,00	84,83	-	-	0,00	0,00	-
Somme			24,79								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	7,00	104,4	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	4,29	104,4	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	5,06	104,4	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	5,88	104,4	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	6,92	104,4	0,00	87,02	-	-	0,00	0,00	-
6	7.854	7.854	4,35	104,4	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	5,13	104,4	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	5,97	104,4	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	13,09	107,3	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	12,48	107,3	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	11,82	107,3	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	11,13	107,3	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	9,38	107,3	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	10,47	107,3	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	7,82	107,3	0,00	88,32	-	-	0,00	0,00	-
17	7.860	7.861	7,02	107,3	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	5,45	107,3	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	6,58	107,3	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	5,76	107,3	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	5,96	107,3	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
24	7.883	7.884	6,99	107,3	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	7,09	107,3	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	7,13	107,3	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	7,51	107,3	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	7,86	107,3	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	7,98	107,3	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	7,98	107,3	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	8,16	107,3	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	8,56	107,3	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	8,89	107,3	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	9,09	107,3	0,00	87,37	-	-	0,00	0,00	-
35	6.580	6.581	9,10	107,3	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	10,19	107,3	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	11,48	107,3	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	9,69	107,3	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	11,08	107,3	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	12,57	107,3	0,00	84,83	-	-	0,00	0,00	-
Somme			24,79								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglémenté: Y PF7 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	-2,45	94,9	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	-5,16	94,9	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	-4,39	94,9	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	-3,57	94,9	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	-2,53	94,9	0,00	87,02	-	-	0,00	0,00	-
6	7.854	7.854	-5,10	94,9	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	-4,32	94,9	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	-3,48	94,9	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	0,90	95,1	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	0,29	95,1	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	-0,37	95,1	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	-1,06	95,1	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	-2,80	95,1	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	-3,54	95,1	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	-1,04	95,8	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	-3,70	95,8	0,00	88,32	-	-	0,00	0,00	-
17	7.860	7.861	-4,49	95,8	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	-6,07	95,8	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	-5,19	95,8	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	-4,93	95,8	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	-5,76	95,8	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	-5,55	95,8	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	-4,65	95,8	0,00	89,03	-	-	0,00	0,00	-
24	7.883	7.884	-4,53	95,8	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	-4,42	95,8	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	-4,39	95,8	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	-4,01	95,8	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	-3,65	95,8	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	-3,53	95,8	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	-3,53	95,8	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	-3,36	95,8	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	-2,95	95,8	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	-2,63	95,8	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	-2,42	95,8	0,00	87,37	-	-	0,00	0,00	-
35	6.580	6.581	-2,41	95,8	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	-1,32	95,8	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	-0,04	95,8	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	-1,82	95,8	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	-0,44	95,8	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	1,05	95,8	0,00	84,83	-	-	0,00	0,00	-
Somme			13,36								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	1,94	99,3	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	-0,78	99,3	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	0,00	99,3	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	0,82	99,3	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	1,85	99,3	0,00	87,02	-	-	0,00	0,00	-
6	7.854	7.854	-0,71	99,3	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	0,07	99,3	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	0,90	99,3	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	5,43	99,6	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	4,82	99,6	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	4,16	99,6	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	3,47	99,6	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	1,73	99,6	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	0,99	99,6	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	3,64	100,5	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	0,99	100,5	0,00	88,32	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
17	7.860	7.861	0,20	100,5	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	-1,38	100,5	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	-0,50	100,5	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	-0,24	100,5	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	-1,07	100,5	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	-0,86	100,5	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	0,04	100,5	0,00	89,03	-	-	0,00	0,00	-
24	7.883	7.884	0,16	100,5	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	0,27	100,5	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	0,30	100,5	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	0,68	100,5	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	1,04	100,5	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	1,16	100,5	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	1,15	100,5	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	1,33	100,5	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	1,74	100,5	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	2,06	100,5	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	2,27	100,5	0,00	87,37	-	-	0,00	0,00	-
35	6.580	6.581	2,28	100,5	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	3,37	100,5	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	4,65	100,5	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	2,87	100,5	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	4,25	100,5	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	5,74	100,5	0,00	84,83	-	-	0,00	0,00	-
Somme			17,97								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	5,70	103,1	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	2,99	103,1	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	3,76	103,1	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	4,58	103,1	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	5,62	103,1	0,00	87,02	-	-	0,00	0,00	-
6	7.854	7.854	3,05	103,1	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	3,83	103,1	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	4,67	103,1	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	9,50	103,7	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	8,89	103,7	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	8,24	103,7	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	7,54	103,7	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	5,80	103,7	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	5,06	103,7	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	7,79	104,6	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	5,14	104,6	0,00	88,32	-	-	0,00	0,00	-
17	7.860	7.861	4,34	104,6	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	2,77	104,6	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	3,64	104,6	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	3,90	104,6	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	3,08	104,6	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	3,28	104,6	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	4,18	104,6	0,00	89,03	-	-	0,00	0,00	-
24	7.883	7.884	4,31	104,6	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	4,41	104,6	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	4,44	104,6	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	4,83	104,6	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	5,18	104,6	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	5,30	104,6	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	5,30	104,6	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	5,47	104,6	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	5,88	104,6	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	6,21	104,6	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	6,41	104,6	0,00	87,37	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	6.580	6.581	6,42	104,6	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	7,51	104,6	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	8,80	104,6	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	7,01	104,6	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	8,40	104,6	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	9,89	104,6	0,00	84,83	-	-	0,00	0,00	-
Somme			22,04								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	6,97	104,4	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	4,26	104,4	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	5,03	104,4	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	5,85	104,4	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	6,89	104,4	0,00	87,02	-	-	0,00	0,00	-
6	7.854	7.854	4,32	104,4	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	5,10	104,4	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	5,94	104,4	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	12,62	106,8	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	12,01	106,8	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	11,35	106,8	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	10,66	106,8	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	8,92	106,8	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	8,18	106,8	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	10,32	107,1	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	7,67	107,1	0,00	88,32	-	-	0,00	0,00	-
17	7.860	7.861	6,87	107,1	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	5,30	107,1	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	6,18	107,1	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	6,43	107,1	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	5,61	107,1	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	5,81	107,1	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	6,71	107,1	0,00	89,03	-	-	0,00	0,00	-
24	7.883	7.884	6,84	107,1	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	6,94	107,1	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	6,98	107,1	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	7,36	107,1	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	7,71	107,1	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	7,83	107,1	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	7,83	107,1	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	8,01	107,1	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	8,41	107,1	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	8,74	107,1	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	8,94	107,1	0,00	87,37	-	-	0,00	0,00	-
35	6.580	6.581	8,95	107,1	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	10,04	107,1	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	11,33	107,1	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	9,54	107,1	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	10,93	107,1	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	12,42	107,1	0,00	84,83	-	-	0,00	0,00	-
Somme			24,56								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	7,00	104,4	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	4,29	104,4	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	5,06	104,4	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	5,88	104,4	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	6,92	104,4	0,00	87,02	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
6	7.854	7.854	4,35	104,4	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	5,13	104,4	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	5,97	104,4	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	13,09	107,3	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	12,48	107,3	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	11,82	107,3	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	11,13	107,3	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	9,38	107,3	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	10,47	107,3	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	7,82	107,3	0,00	88,32	-	-	0,00	0,00	-
17	7.860	7.861	7,02	107,3	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	5,45	107,3	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	6,58	107,3	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	5,76	107,3	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	5,96	107,3	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
24	7.883	7.884	6,99	107,3	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	7,09	107,3	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	7,13	107,3	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	7,51	107,3	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	7,86	107,3	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	7,98	107,3	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	7,98	107,3	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	8,16	107,3	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	8,56	107,3	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	8,89	107,3	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	9,09	107,3	0,00	87,37	-	-	0,00	0,00	-
35	6.580	6.581	9,10	107,3	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	10,19	107,3	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	11,48	107,3	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	9,69	107,3	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	11,08	107,3	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	12,57	107,3	0,00	84,83	-	-	0,00	0,00	-
Somme			24,79								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	7,00	104,4	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	4,29	104,4	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	5,06	104,4	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	5,88	104,4	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	6,92	104,4	0,00	87,02	-	-	0,00	0,00	-
6	7.854	7.854	4,35	104,4	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	5,13	104,4	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	5,97	104,4	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	13,09	107,3	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	12,48	107,3	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	11,82	107,3	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	11,13	107,3	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	9,38	107,3	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	10,47	107,3	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	7,82	107,3	0,00	88,32	-	-	0,00	0,00	-
17	7.860	7.861	7,02	107,3	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	5,45	107,3	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	6,58	107,3	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	5,76	107,3	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	5,96	107,3	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
24	7.883	7.884	6,99	107,3	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	7,09	107,3	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	7,13	107,3	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	7,51	107,3	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	7,86	107,3	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	7,98	107,3	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	7,98	107,3	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	8,16	107,3	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	8,56	107,3	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	8,89	107,3	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	9,09	107,3	0,00	87,37	-	-	0,00	0,00	-
35	6.580	6.581	9,10	107,3	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	10,19	107,3	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	11,48	107,3	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	9,69	107,3	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	11,08	107,3	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	12,57	107,3	0,00	84,83	-	-	0,00	0,00	-
Somme			24,79								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: Z PF7 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	-2,45	94,9	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	-5,16	94,9	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	-4,39	94,9	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	-3,57	94,9	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	-2,53	94,9	0,00	87,02	-	-	0,00	0,00	-
6	7.854	7.854	-5,10	94,9	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	-4,32	94,9	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	-3,48	94,9	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	0,90	95,1	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	0,29	95,1	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	-0,37	95,1	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	-1,06	95,1	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	-2,80	95,1	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	-3,54	95,1	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	-1,04	95,8	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	-3,70	95,8	0,00	88,32	-	-	0,00	0,00	-
17	7.860	7.861	-4,49	95,8	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	-6,07	95,8	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	-5,19	95,8	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	-4,93	95,8	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	-5,76	95,8	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	-5,55	95,8	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	-4,65	95,8	0,00	89,03	-	-	0,00	0,00	-
24	7.883	7.884	-4,53	95,8	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	-4,42	95,8	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	-4,39	95,8	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	-4,01	95,8	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	-3,65	95,8	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	-3,53	95,8	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	-3,53	95,8	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	-3,36	95,8	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	-2,95	95,8	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	-2,63	95,8	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	-2,42	95,8	0,00	87,37	-	-	0,00	0,00	-
35	6.580	6.581	-2,41	95,8	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	-1,32	95,8	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	-0,04	95,8	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	-1,82	95,8	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	-0,44	95,8	0,00	85,92	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
40	4.910	4.912	1,05	95,8	0,00	84,83	-	-	0,00	0,00	-
Somme			13,36								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	1,94	99,3	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	-0,78	99,3	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	0,00	99,3	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	0,82	99,3	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	1,85	99,3	0,00	87,02	-	-	0,00	0,00	-
6	7.854	7.854	-0,71	99,3	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	0,07	99,3	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	0,90	99,3	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	5,43	99,6	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	4,82	99,6	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	4,16	99,6	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	3,47	99,6	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	1,73	99,6	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	0,99	99,6	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	3,64	100,5	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	0,99	100,5	0,00	88,32	-	-	0,00	0,00	-
17	7.860	7.861	0,20	100,5	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	-1,38	100,5	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	-0,50	100,5	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	-0,24	100,5	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	-1,07	100,5	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	-0,86	100,5	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	0,04	100,5	0,00	89,03	-	-	0,00	0,00	-
24	7.883	7.884	0,16	100,5	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	0,27	100,5	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	0,30	100,5	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	0,68	100,5	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	1,04	100,5	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	1,16	100,5	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	1,15	100,5	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	1,33	100,5	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	1,74	100,5	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	2,06	100,5	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	2,27	100,5	0,00	87,37	-	-	0,00	0,00	-
35	6.580	6.581	2,28	100,5	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	3,37	100,5	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	4,65	100,5	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	2,87	100,5	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	4,25	100,5	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	5,74	100,5	0,00	84,83	-	-	0,00	0,00	-
Somme			17,97								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	5,70	103,1	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	2,99	103,1	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	3,76	103,1	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	4,58	103,1	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	5,62	103,1	0,00	87,02	-	-	0,00	0,00	-
6	7.854	7.854	3,05	103,1	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	3,83	103,1	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	4,67	103,1	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	9,50	103,7	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	8,89	103,7	0,00	85,10	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
11	5.350	5.351	8,24	103,7	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	7,54	103,7	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	5,80	103,7	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	5,06	103,7	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	7,79	104,6	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	5,14	104,6	0,00	88,32	-	-	0,00	0,00	-
17	7.860	7.861	4,34	104,6	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	2,77	104,6	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	3,64	104,6	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	3,90	104,6	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	3,08	104,6	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	3,28	104,6	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	4,18	104,6	0,00	89,03	-	-	0,00	0,00	-
24	7.883	7.884	4,31	104,6	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	4,41	104,6	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	4,44	104,6	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	4,83	104,6	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	5,18	104,6	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	5,30	104,6	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	5,30	104,6	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	5,47	104,6	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	5,88	104,6	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	6,21	104,6	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	6,41	104,6	0,00	87,37	-	-	0,00	0,00	-
35	6.580	6.581	6,42	104,6	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	7,51	104,6	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	8,80	104,6	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	7,01	104,6	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	8,40	104,6	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	9,89	104,6	0,00	84,83	-	-	0,00	0,00	-
Somme			22,04								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	6,97	104,4	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	4,26	104,4	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	5,03	104,4	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	5,85	104,4	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	6,89	104,4	0,00	87,02	-	-	0,00	0,00	-
6	7.854	7.854	4,32	104,4	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	5,10	104,4	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	5,94	104,4	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	12,62	106,8	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	12,01	106,8	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	11,35	106,8	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	10,66	106,8	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	8,92	106,8	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	8,18	106,8	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	10,32	107,1	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	7,67	107,1	0,00	88,32	-	-	0,00	0,00	-
17	7.860	7.861	6,87	107,1	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	5,30	107,1	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	6,18	107,1	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	6,43	107,1	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	5,61	107,1	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	5,81	107,1	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	6,71	107,1	0,00	89,03	-	-	0,00	0,00	-
24	7.883	7.884	6,84	107,1	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	6,94	107,1	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	6,98	107,1	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	7,36	107,1	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	7,71	107,1	0,00	88,28	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
29	7.237	7.239	7,83	107,1	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	7,83	107,1	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	8,01	107,1	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	8,41	107,1	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	8,74	107,1	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	8,94	107,1	0,00	87,37	-	-	0,00	0,00	-
35	6.580	6.581	8,95	107,1	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	10,04	107,1	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	11,33	107,1	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	9,54	107,1	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	10,93	107,1	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	12,42	107,1	0,00	84,83	-	-	0,00	0,00	-
Somme			24,56								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	7,00	104,4	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	4,29	104,4	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	5,06	104,4	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	5,88	104,4	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	6,92	104,4	0,00	87,02	-	-	0,00	0,00	-
6	7.854	7.854	4,35	104,4	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	5,13	104,4	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	5,97	104,4	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	13,09	107,3	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	12,48	107,3	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	11,82	107,3	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	11,13	107,3	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	9,38	107,3	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	10,47	107,3	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	7,82	107,3	0,00	88,32	-	-	0,00	0,00	-
17	7.860	7.861	7,02	107,3	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	5,45	107,3	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	6,58	107,3	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	5,76	107,3	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	5,96	107,3	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
24	7.883	7.884	6,99	107,3	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	7,09	107,3	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	7,13	107,3	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	7,51	107,3	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	7,86	107,3	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	7,98	107,3	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	7,98	107,3	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	8,16	107,3	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	8,56	107,3	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	8,89	107,3	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	9,09	107,3	0,00	87,37	-	-	0,00	0,00	-
35	6.580	6.581	9,10	107,3	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	10,19	107,3	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	11,48	107,3	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	9,69	107,3	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	11,08	107,3	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	12,57	107,3	0,00	84,83	-	-	0,00	0,00	-
Somme			24,79								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	7,00	104,4	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	4,29	104,4	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	5,06	104,4	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	5,88	104,4	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	6,92	104,4	0,00	87,02	-	-	0,00	0,00	-
6	7.854	7.854	4,35	104,4	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	5,13	104,4	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	5,97	104,4	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	13,09	107,3	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	12,48	107,3	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	11,82	107,3	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	11,13	107,3	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	9,38	107,3	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	10,47	107,3	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	7,82	107,3	0,00	88,32	-	-	0,00	0,00	-
17	7.860	7.861	7,02	107,3	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	5,45	107,3	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	6,58	107,3	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	5,76	107,3	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	5,96	107,3	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
24	7.883	7.884	6,99	107,3	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	7,09	107,3	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	7,13	107,3	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	7,51	107,3	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	7,86	107,3	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	7,98	107,3	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	7,98	107,3	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	8,16	107,3	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	8,56	107,3	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	8,89	107,3	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	9,09	107,3	0,00	87,37	-	-	0,00	0,00	-
35	6.580	6.581	9,10	107,3	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	10,19	107,3	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	11,48	107,3	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	9,69	107,3	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	11,08	107,3	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	12,57	107,3	0,00	84,83	-	-	0,00	0,00	-
Somme			24,79								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: AA PF7 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	-2,45	94,9	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	-5,16	94,9	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	-4,39	94,9	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	-3,57	94,9	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	-2,53	94,9	0,00	87,02	-	-	0,00	0,00	-
6	7.854	7.854	-5,10	94,9	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	-4,32	94,9	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	-3,48	94,9	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	0,90	95,1	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	0,29	95,1	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	-0,37	95,1	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	-1,06	95,1	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	-2,80	95,1	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	-3,54	95,1	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	-1,04	95,8	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	-3,70	95,8	0,00	88,32	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
17	7.860	7.861	-4,49	95,8	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	-6,07	95,8	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	-5,19	95,8	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	-4,93	95,8	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	-5,76	95,8	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	-5,55	95,8	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	-4,65	95,8	0,00	89,03	-	-	0,00	0,00	-
24	7.883	7.884	-4,53	95,8	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	-4,42	95,8	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	-4,39	95,8	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	-4,01	95,8	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	-3,65	95,8	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	-3,53	95,8	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	-3,53	95,8	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	-3,36	95,8	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	-2,95	95,8	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	-2,63	95,8	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	-2,42	95,8	0,00	87,37	-	-	0,00	0,00	-
35	6.580	6.581	-2,41	95,8	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	-1,32	95,8	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	-0,04	95,8	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	-1,82	95,8	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	-0,44	95,8	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	1,05	95,8	0,00	84,83	-	-	0,00	0,00	-
Somme			13,36								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	1,94	99,3	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	-0,78	99,3	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	0,00	99,3	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	0,82	99,3	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	1,85	99,3	0,00	87,02	-	-	0,00	0,00	-
6	7.854	7.854	-0,71	99,3	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	0,07	99,3	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	0,90	99,3	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	5,43	99,6	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	4,82	99,6	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	4,16	99,6	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	3,47	99,6	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	1,73	99,6	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	0,99	99,6	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	3,64	100,5	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	0,99	100,5	0,00	88,32	-	-	0,00	0,00	-
17	7.860	7.861	0,20	100,5	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	-1,38	100,5	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	-0,50	100,5	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	-0,24	100,5	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	-1,07	100,5	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	-0,86	100,5	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	0,04	100,5	0,00	89,03	-	-	0,00	0,00	-
24	7.883	7.884	0,16	100,5	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	0,27	100,5	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	0,30	100,5	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	0,68	100,5	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	1,04	100,5	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	1,16	100,5	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	1,15	100,5	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	1,33	100,5	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	1,74	100,5	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	2,06	100,5	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	2,27	100,5	0,00	87,37	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	6.580	6.581	2,28	100,5	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	3,37	100,5	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	4,65	100,5	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	2,87	100,5	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	4,25	100,5	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	5,74	100,5	0,00	84,83	-	-	0,00	0,00	-
Somme			17,97								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	5,70	103,1	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	2,99	103,1	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	3,76	103,1	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	4,58	103,1	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	5,62	103,1	0,00	87,02	-	-	0,00	0,00	-
6	7.854	7.854	3,05	103,1	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	3,83	103,1	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	4,67	103,1	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	9,50	103,7	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	8,89	103,7	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	8,24	103,7	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	7,54	103,7	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	5,80	103,7	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	5,06	103,7	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	7,79	104,6	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	5,14	104,6	0,00	88,32	-	-	0,00	0,00	-
17	7.860	7.861	4,34	104,6	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	2,77	104,6	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	3,64	104,6	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	3,90	104,6	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	3,08	104,6	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	3,28	104,6	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	4,18	104,6	0,00	89,03	-	-	0,00	0,00	-
24	7.883	7.884	4,31	104,6	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	4,41	104,6	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	4,44	104,6	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	4,83	104,6	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	5,18	104,6	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	5,30	104,6	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	5,30	104,6	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	5,47	104,6	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	5,88	104,6	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	6,21	104,6	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	6,41	104,6	0,00	87,37	-	-	0,00	0,00	-
35	6.580	6.581	6,42	104,6	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	7,51	104,6	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	8,80	104,6	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	7,01	104,6	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	8,40	104,6	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	9,89	104,6	0,00	84,83	-	-	0,00	0,00	-
Somme			22,04								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	6,97	104,4	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	4,26	104,4	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	5,03	104,4	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	5,85	104,4	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	6,89	104,4	0,00	87,02	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
6	7.854	7.854	4,32	104,4	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	5,10	104,4	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	5,94	104,4	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	12,62	106,8	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	12,01	106,8	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	11,35	106,8	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	10,66	106,8	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	8,92	106,8	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	8,18	106,8	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	10,32	107,1	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	7,67	107,1	0,00	88,32	-	-	0,00	0,00	-
17	7.860	7.861	6,87	107,1	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	5,30	107,1	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	6,18	107,1	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	6,43	107,1	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	5,61	107,1	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	5,81	107,1	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	6,71	107,1	0,00	89,03	-	-	0,00	0,00	-
24	7.883	7.884	6,84	107,1	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	6,94	107,1	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	6,98	107,1	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	7,36	107,1	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	7,71	107,1	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	7,83	107,1	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	7,83	107,1	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	8,01	107,1	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	8,41	107,1	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	8,74	107,1	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	8,94	107,1	0,00	87,37	-	-	0,00	0,00	-
35	6.580	6.581	8,95	107,1	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	10,04	107,1	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	11,33	107,1	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	9,54	107,1	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	10,93	107,1	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	12,42	107,1	0,00	84,83	-	-	0,00	0,00	-
Somme			24,56								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	7,00	104,4	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	4,29	104,4	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	5,06	104,4	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	5,88	104,4	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	6,92	104,4	0,00	87,02	-	-	0,00	0,00	-
6	7.854	7.854	4,35	104,4	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	5,13	104,4	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	5,97	104,4	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	13,09	107,3	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	12,48	107,3	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	11,82	107,3	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	11,13	107,3	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	9,38	107,3	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	10,47	107,3	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	7,82	107,3	0,00	88,32	-	-	0,00	0,00	-
17	7.860	7.861	7,02	107,3	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	5,45	107,3	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	6,58	107,3	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	5,76	107,3	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	5,96	107,3	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
24	7.883	7.884	6,99	107,3	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	7,09	107,3	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	7,13	107,3	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	7,51	107,3	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	7,86	107,3	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	7,98	107,3	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	7,98	107,3	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	8,16	107,3	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	8,56	107,3	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	8,89	107,3	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	9,09	107,3	0,00	87,37	-	-	0,00	0,00	-
35	6.580	6.581	9,10	107,3	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	10,19	107,3	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	11,48	107,3	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	9,69	107,3	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	11,08	107,3	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	12,57	107,3	0,00	84,83	-	-	0,00	0,00	-
Somme			24,79								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	6.281	6.282	7,00	104,4	0,00	86,96	-	-	0,00	0,00	-
2	7.896	7.897	4,29	104,4	0,00	88,95	-	-	0,00	0,00	-
3	7.396	7.397	5,06	104,4	0,00	88,38	-	-	0,00	0,00	-
4	6.900	6.900	5,88	104,4	0,00	87,78	-	-	0,00	0,00	-
5	6.325	6.325	6,92	104,4	0,00	87,02	-	-	0,00	0,00	-
6	7.854	7.854	4,35	104,4	0,00	88,90	-	-	0,00	0,00	-
7	7.351	7.352	5,13	104,4	0,00	88,33	-	-	0,00	0,00	-
8	6.851	6.851	5,97	104,4	0,00	87,72	-	-	0,00	0,00	-
9	4.816	4.818	13,09	107,3	0,00	84,66	-	-	0,00	0,00	-
10	5.067	5.068	12,48	107,3	0,00	85,10	-	-	0,00	0,00	-
11	5.350	5.351	11,82	107,3	0,00	85,57	-	-	0,00	0,00	-
12	5.670	5.671	11,13	107,3	0,00	86,07	-	-	0,00	0,00	-
13	6.559	6.560	9,38	107,3	0,00	87,34	-	-	0,00	0,00	-
14	6.978	6.979	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
15	5.859	5.862	10,47	107,3	0,00	86,36	-	-	0,00	0,00	-
16	7.341	7.343	7,82	107,3	0,00	88,32	-	-	0,00	0,00	-
17	7.860	7.861	7,02	107,3	0,00	88,91	-	-	0,00	0,00	-
18	9.001	9.003	5,45	107,3	0,00	90,09	-	-	0,00	0,00	-
19	8.345	8.346	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
20	8.161	8.162	6,58	107,3	0,00	89,24	-	-	0,00	0,00	-
21	8.764	8.765	5,76	107,3	0,00	89,86	-	-	0,00	0,00	-
22	8.610	8.612	5,96	107,3	0,00	89,70	-	-	0,00	0,00	-
23	7.969	7.970	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
24	7.883	7.884	6,99	107,3	0,00	88,94	-	-	0,00	0,00	-
25	7.812	7.813	7,09	107,3	0,00	88,86	-	-	0,00	0,00	-
26	7.790	7.791	7,13	107,3	0,00	88,83	-	-	0,00	0,00	-
27	7.540	7.541	7,51	107,3	0,00	88,55	-	-	0,00	0,00	-
28	7.314	7.315	7,86	107,3	0,00	88,28	-	-	0,00	0,00	-
29	7.237	7.239	7,98	107,3	0,00	88,19	-	-	0,00	0,00	-
30	7.241	7.242	7,98	107,3	0,00	88,20	-	-	0,00	0,00	-
31	7.132	7.134	8,16	107,3	0,00	88,07	-	-	0,00	0,00	-
32	6.888	6.890	8,56	107,3	0,00	87,76	-	-	0,00	0,00	-
33	6.701	6.702	8,89	107,3	0,00	87,52	-	-	0,00	0,00	-
34	6.585	6.587	9,09	107,3	0,00	87,37	-	-	0,00	0,00	-
35	6.580	6.581	9,10	107,3	0,00	87,37	-	-	0,00	0,00	-
36	5.999	6.001	10,19	107,3	0,00	86,56	-	-	0,00	0,00	-
37	5.382	5.384	11,48	107,3	0,00	85,62	-	-	0,00	0,00	-
38	6.259	6.261	9,69	107,3	0,00	86,93	-	-	0,00	0,00	-
39	5.568	5.569	11,08	107,3	0,00	85,92	-	-	0,00	0,00	-
40	4.910	4.912	12,57	107,3	0,00	84,83	-	-	0,00	0,00	-
Somme			24,79								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglémenté: AB PF1 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	4,27	94,9	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	0,53	94,9	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	1,36	94,9	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	2,15	94,9	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	2,99	94,9	0,00	83,03	-	-	0,00	0,00	-
6	4.572	4.573	1,37	94,9	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	2,33	94,9	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	3,28	94,9	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	13,76	95,1	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	15,77	95,1	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	17,97	95,1	0,00	72,34	-	-	0,00	0,00	-
12	948	954	20,26	95,1	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	15,21	95,1	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	11,42	95,1	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	11,01	95,8	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	2,60	95,8	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	1,73	95,8	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	3,92	95,8	0,00	82,73	-	-	0,00	0,00	-
19	3.184	3.186	6,31	95,8	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	6,43	95,8	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	4,20	95,8	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	3,69	95,8	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	5,85	95,8	0,00	81,38	-	-	0,00	0,00	-
24	3.627	3.630	4,64	95,8	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	3,28	95,8	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	8,88	95,8	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	9,31	95,8	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	8,37	95,8	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	6,59	95,8	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	4,48	95,8	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	12,72	95,8	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	13,21	95,8	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	11,80	95,8	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	9,41	95,8	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	6,18	95,8	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	7,05	95,8	0,00	80,57	-	-	0,00	0,00	-
37	2.588	2.591	8,97	95,8	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	3,55	95,8	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	5,36	95,8	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	7,23	95,8	0,00	80,45	-	-	0,00	0,00	-
Somme			26,57								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	8,66	99,3	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	4,91	99,3	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	5,75	99,3	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	6,54	99,3	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	7,37	99,3	0,00	83,03	-	-	0,00	0,00	-
6	4.572	4.573	5,75	99,3	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	6,72	99,3	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	7,66	99,3	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	18,29	99,6	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	20,30	99,6	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	22,50	99,6	0,00	72,34	-	-	0,00	0,00	-
12	948	954	24,79	99,6	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	19,74	99,6	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	15,95	99,6	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	15,70	100,5	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	7,28	100,5	0,00	83,70	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
17	4.637	4.639	6,42	100,5	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	8,61	100,5	0,00	82,73	-	-	0,00	0,00	-
19	3.184	3.186	11,00	100,5	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	11,12	100,5	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	8,88	100,5	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	8,38	100,5	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	10,53	100,5	0,00	81,38	-	-	0,00	0,00	-
24	3.627	3.630	9,33	100,5	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	7,96	100,5	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	13,57	100,5	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	13,99	100,5	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	13,06	100,5	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	11,28	100,5	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	9,17	100,5	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	17,41	100,5	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	17,90	100,5	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	16,49	100,5	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	14,10	100,5	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	10,87	100,5	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	11,74	100,5	0,00	80,57	-	-	0,00	0,00	-
37	2.588	2.591	13,66	100,5	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	8,24	100,5	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	10,05	100,5	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	11,92	100,5	0,00	80,45	-	-	0,00	0,00	-
Somme			31,16								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	12,42	103,1	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	8,67	103,1	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	9,51	103,1	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	10,30	103,1	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	11,13	103,1	0,00	83,03	-	-	0,00	0,00	-
6	4.572	4.573	9,51	103,1	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	10,48	103,1	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	11,43	103,1	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	22,36	103,7	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	24,38	103,7	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	26,57	103,7	0,00	72,34	-	-	0,00	0,00	-
12	948	954	28,86	103,7	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	23,81	103,7	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	20,02	103,7	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	19,85	104,6	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	11,43	104,6	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	10,57	104,6	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	12,75	104,6	0,00	82,73	-	-	0,00	0,00	-
19	3.184	3.186	15,15	104,6	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	15,26	104,6	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	13,03	104,6	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	12,53	104,6	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	14,68	104,6	0,00	81,38	-	-	0,00	0,00	-
24	3.627	3.630	13,47	104,6	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	12,11	104,6	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	17,71	104,6	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	18,14	104,6	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	17,20	104,6	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	15,42	104,6	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	13,31	104,6	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	21,56	104,6	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	22,04	104,6	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	20,63	104,6	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	18,25	104,6	0,00	78,97	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	3.217	3.220	15,01	104,6	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	15,88	104,6	0,00	80,57	-	-	0,00	0,00	-
37	2.588	2.591	17,80	104,6	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	12,38	104,6	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	14,19	104,6	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	16,06	104,6	0,00	80,45	-	-	0,00	0,00	-
Somme			35,25								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	13,69	104,4	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	9,95	104,4	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	10,78	104,4	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	11,58	104,4	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	12,41	104,4	0,00	83,03	-	-	0,00	0,00	-
6	4.572	4.573	10,79	104,4	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	11,76	104,4	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	12,70	104,4	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	25,48	106,8	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	27,49	106,8	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	29,69	106,8	0,00	72,34	-	-	0,00	0,00	-
12	948	954	31,98	106,8	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	26,93	106,8	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	23,14	106,8	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	22,38	107,1	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	13,96	107,1	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	13,10	107,1	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	15,28	107,1	0,00	82,73	-	-	0,00	0,00	-
19	3.184	3.186	17,68	107,1	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	17,80	107,1	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	15,56	107,1	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	15,06	107,1	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	17,21	107,1	0,00	81,38	-	-	0,00	0,00	-
24	3.627	3.630	16,01	107,1	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	14,64	107,1	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	20,25	107,1	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	20,67	107,1	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	19,73	107,1	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	17,95	107,1	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	15,84	107,1	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	24,09	107,1	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	24,57	107,1	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	23,16	107,1	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	20,78	107,1	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	17,54	107,1	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	18,41	107,1	0,00	80,57	-	-	0,00	0,00	-
37	2.588	2.591	20,33	107,1	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	14,91	107,1	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	16,72	107,1	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	18,59	107,1	0,00	80,45	-	-	0,00	0,00	-
Somme			38,11								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	13,72	104,4	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	9,98	104,4	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	10,81	104,4	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	11,60	104,4	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	12,44	104,4	0,00	83,03	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
6	4.572	4.573	10,82	104,4	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	11,78	104,4	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	12,73	104,4	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	25,95	107,3	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	27,96	107,3	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	30,16	107,3	0,00	72,34	-	-	0,00	0,00	-
12	948	954	32,45	107,3	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	27,40	107,3	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	23,61	107,3	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	22,53	107,3	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	14,11	107,3	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	13,25	107,3	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	15,43	107,3	0,00	82,73	-	-	0,00	0,00	-
19	3.184	3.186	17,83	107,3	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	17,95	107,3	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	15,71	107,3	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	15,21	107,3	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	17,36	107,3	0,00	81,38	-	-	0,00	0,00	-
24	3.627	3.630	16,16	107,3	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	14,79	107,3	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	20,40	107,3	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	20,82	107,3	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	19,88	107,3	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	18,10	107,3	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	15,99	107,3	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	24,24	107,3	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	24,72	107,3	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	23,31	107,3	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	20,93	107,3	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	17,69	107,3	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	18,56	107,3	0,00	80,57	-	-	0,00	0,00	-
37	2.588	2.591	20,48	107,3	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	15,06	107,3	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	16,87	107,3	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	18,74	107,3	0,00	80,45	-	-	0,00	0,00	-
Somme			38,47								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.590	3.591	13,72	104,4	0,00	82,10	-	-	0,00	0,00	-
2	4.902	4.902	9,98	104,4	0,00	84,81	-	-	0,00	0,00	-
3	4.574	4.575	10,81	104,4	0,00	84,21	-	-	0,00	0,00	-
4	4.283	4.283	11,60	104,4	0,00	83,64	-	-	0,00	0,00	-
5	3.997	3.997	12,44	104,4	0,00	83,03	-	-	0,00	0,00	-
6	4.572	4.573	10,82	104,4	0,00	84,20	-	-	0,00	0,00	-
7	4.220	4.220	11,78	104,4	0,00	83,51	-	-	0,00	0,00	-
8	3.901	3.902	12,73	104,4	0,00	82,82	-	-	0,00	0,00	-
9	1.665	1.668	25,95	107,3	0,00	75,44	-	-	0,00	0,00	-
10	1.404	1.408	27,96	107,3	0,00	73,97	-	-	0,00	0,00	-
11	1.162	1.166	30,16	107,3	0,00	72,34	-	-	0,00	0,00	-
12	948	954	32,45	107,3	0,00	70,59	-	-	0,00	0,00	-
13	1.474	1.477	27,40	107,3	0,00	74,39	-	-	0,00	0,00	-
14	2.018	2.020	23,61	107,3	0,00	77,11	-	-	0,00	0,00	-
15	2.199	2.204	22,53	107,3	0,00	77,86	-	-	0,00	0,00	-
16	4.313	4.315	14,11	107,3	0,00	83,70	-	-	0,00	0,00	-
17	4.637	4.639	13,25	107,3	0,00	84,33	-	-	0,00	0,00	-
18	3.858	3.860	15,43	107,3	0,00	82,73	-	-	0,00	0,00	-
19	3.184	3.186	17,83	107,3	0,00	81,07	-	-	0,00	0,00	-
20	3.155	3.157	17,95	107,3	0,00	80,99	-	-	0,00	0,00	-
21	3.768	3.770	15,71	107,3	0,00	82,53	-	-	0,00	0,00	-
22	3.931	3.933	15,21	107,3	0,00	82,89	-	-	0,00	0,00	-
23	3.301	3.303	17,36	107,3	0,00	81,38	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

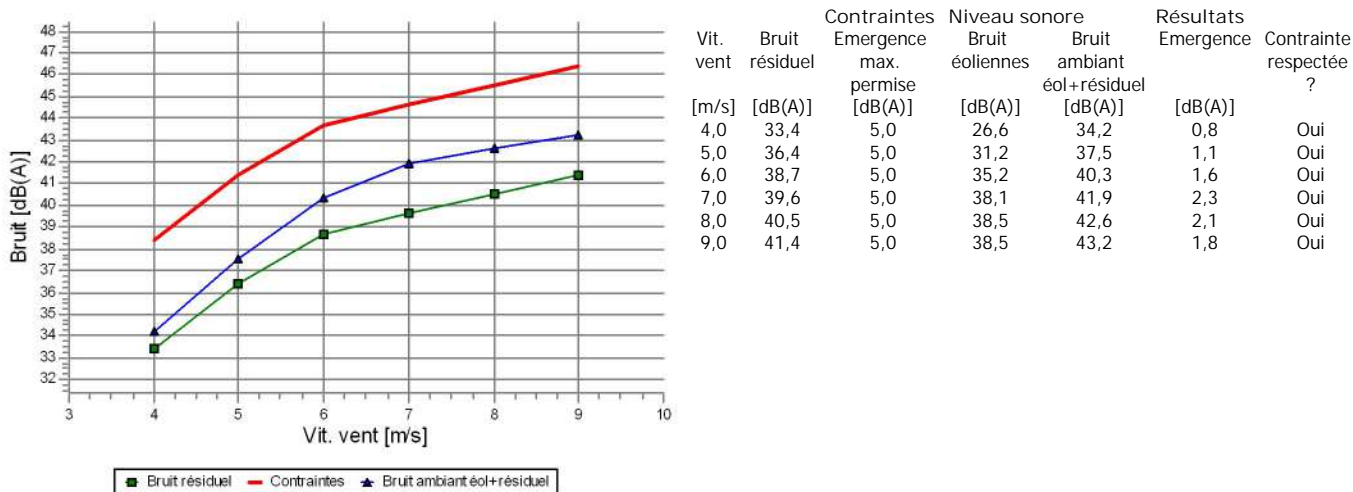
Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
24	3.627	3.630	16,16	107,3	0,00	82,20	-	-	0,00	0,00	-
25	4.072	4.075	14,79	107,3	0,00	83,20	-	-	0,00	0,00	-
26	2.607	2.610	20,40	107,3	0,00	79,33	-	-	0,00	0,00	-
27	2.521	2.524	20,82	107,3	0,00	79,04	-	-	0,00	0,00	-
28	2.715	2.717	19,88	107,3	0,00	79,68	-	-	0,00	0,00	-
29	3.117	3.119	18,10	107,3	0,00	80,88	-	-	0,00	0,00	-
30	3.678	3.680	15,99	107,3	0,00	82,32	-	-	0,00	0,00	-
31	1.916	1.920	24,24	107,3	0,00	76,66	-	-	0,00	0,00	-
32	1.841	1.845	24,72	107,3	0,00	76,32	-	-	0,00	0,00	-
33	2.065	2.069	23,31	107,3	0,00	77,32	-	-	0,00	0,00	-
34	2.499	2.503	20,93	107,3	0,00	78,97	-	-	0,00	0,00	-
35	3.217	3.220	17,69	107,3	0,00	81,16	-	-	0,00	0,00	-
36	3.007	3.010	18,56	107,3	0,00	80,57	-	-	0,00	0,00	-
37	2.588	2.591	20,48	107,3	0,00	79,27	-	-	0,00	0,00	-
38	3.980	3.982	15,06	107,3	0,00	83,00	-	-	0,00	0,00	-
39	3.426	3.428	16,87	107,3	0,00	81,70	-	-	0,00	0,00	-
40	2.966	2.969	18,74	107,3	0,00	80,45	-	-	0,00	0,00	-
Somme			38,47								

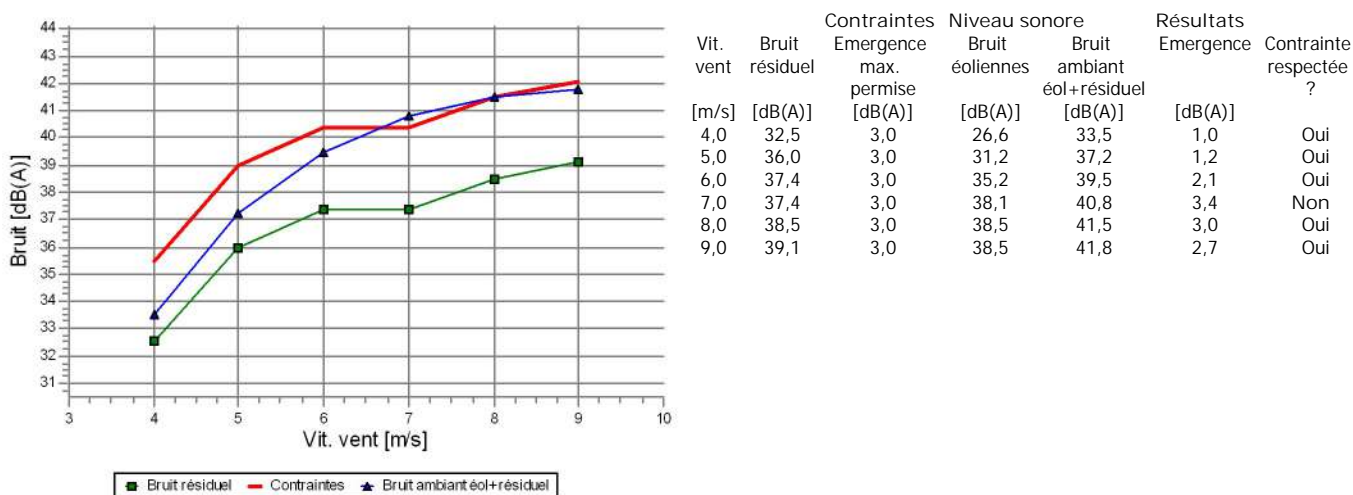
- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Analyse des résultats

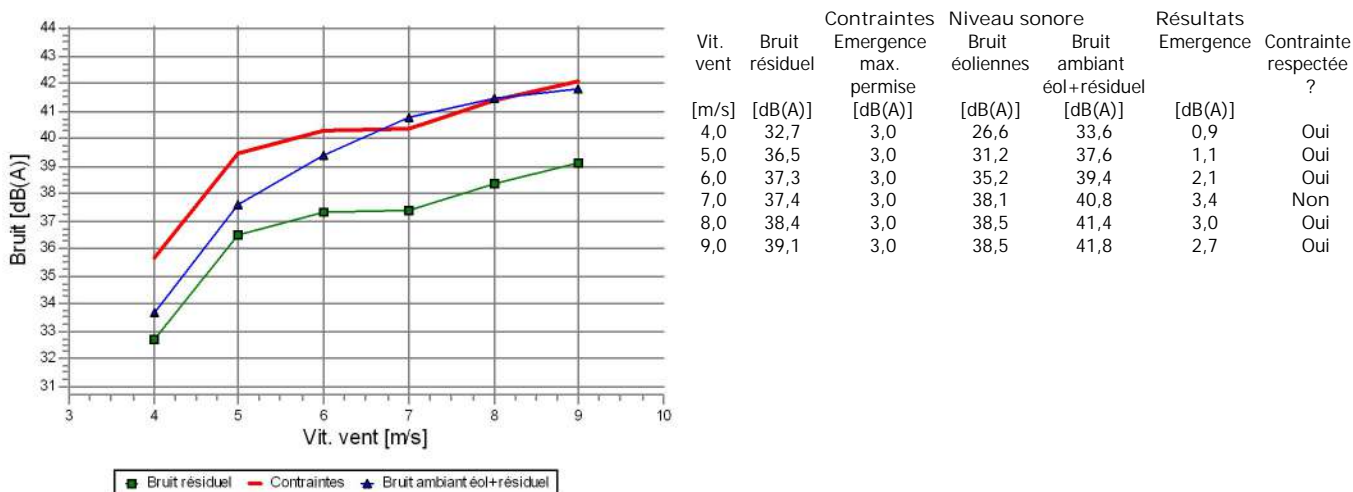
Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction
Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
A PF1 diurne SO



B PF1 nocturne SO



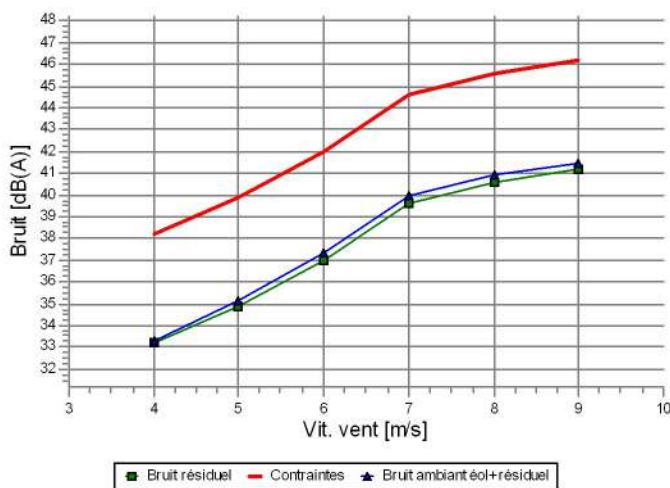
C PF1 nocturne NE



DECIBEL - Analyse des résultats

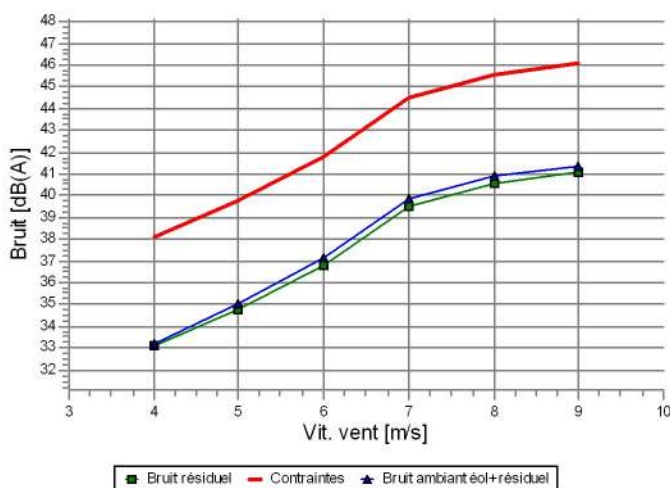
Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

D PF2 diurne SO



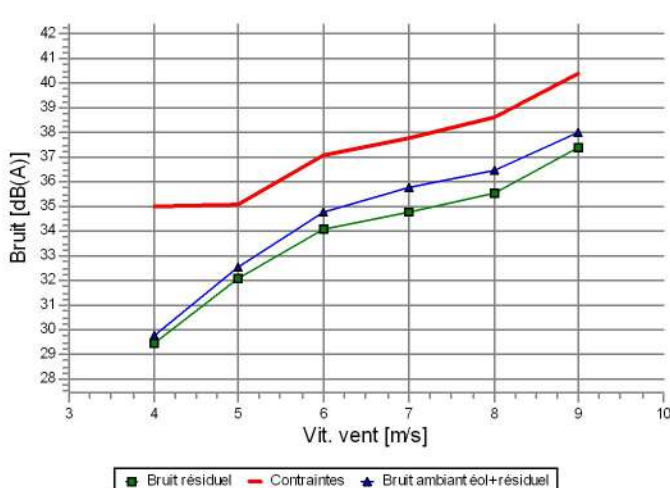
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,2	5,0	17,7	33,3	0,1	Oui
5,0	34,9	5,0	22,3	35,1	0,2	Oui
6,0	37,0	5,0	26,5	37,4	0,4	Oui
7,0	39,6	5,0	29,1	40,0	0,4	Oui
8,0	40,6	5,0	29,3	40,9	0,3	Oui
9,0	41,2	5,0	29,3	41,5	0,3	Oui

E PF2 diurne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,1	5,0	17,7	33,2	0,1	Oui
5,0	34,8	5,0	22,3	35,0	0,2	Oui
6,0	36,8	5,0	26,5	37,2	0,4	Oui
7,0	39,5	5,0	29,1	39,9	0,4	Oui
8,0	40,6	5,0	29,3	40,9	0,3	Oui
9,0	41,1	5,0	29,3	41,4	0,3	Oui

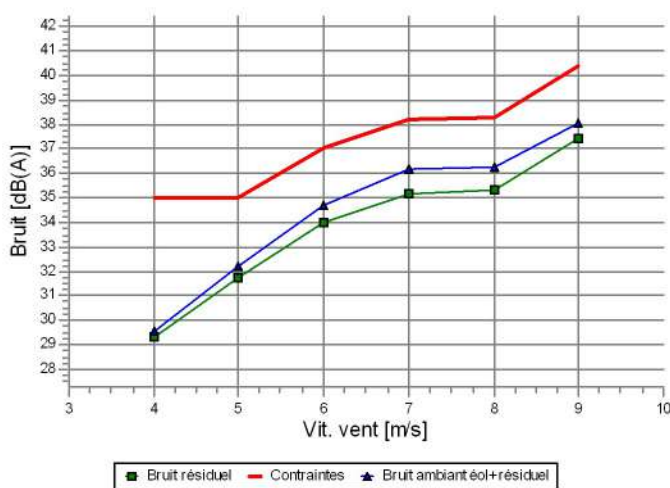
F PF2 nocturne SO



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	29,5	3,0	17,7	29,8	0,3	Oui
5,0	32,1	3,0	22,3	32,5	0,4	Oui
6,0	34,1	3,0	26,5	34,8	0,7	Oui
7,0	34,8	3,0	29,1	35,8	1,0	Oui
8,0	35,6	3,0	29,3	36,5	0,9	Oui
9,0	37,4	3,0	29,3	38,0	0,6	Oui

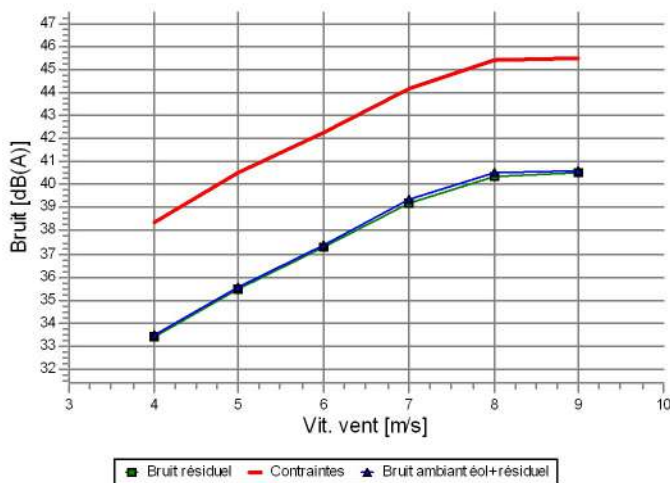
DECIBEL - Analyse des résultats

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction
Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
G PF2 nocturne NE



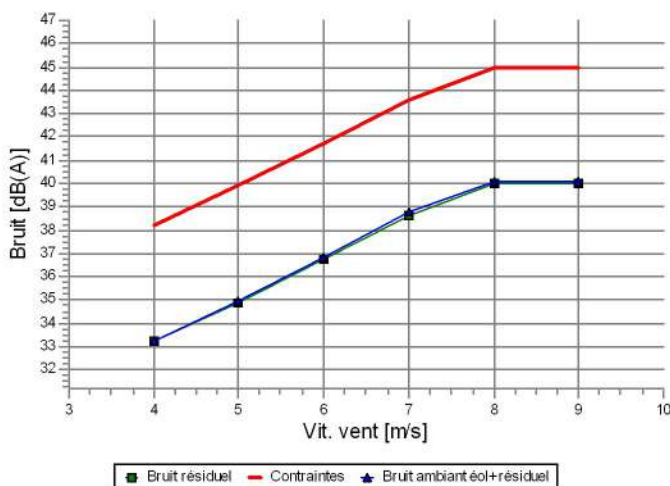
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore éoliennes	Bruit éolien + résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	29,3	3,0	17,7	29,6	0,3	Oui
5,0	31,7	3,0	22,3	32,2	0,5	Oui
6,0	34,0	3,0	26,5	34,7	0,7	Oui
7,0	35,2	3,0	29,1	36,1	0,9	Oui
8,0	35,3	3,0	29,3	36,3	1,0	Oui
9,0	37,4	3,0	29,3	38,0	0,6	Oui

H PF3 diurne SO



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore éoliennes	Bruit éolien + résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,4	5,0	12,9	33,4	0,0	Oui
5,0	35,5	5,0	17,5	35,6	0,1	Oui
6,0	37,3	5,0	21,5	37,4	0,1	Oui
7,0	39,2	5,0	24,0	39,3	0,1	Oui
8,0	40,4	5,0	24,2	40,5	0,1	Oui
9,0	40,5	5,0	24,2	40,6	0,1	Oui

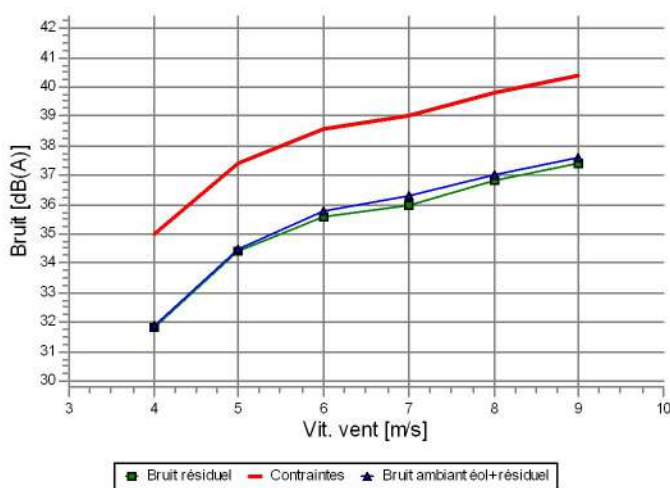
I PF3 diurne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore éoliennes	Bruit éolien + résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,2	5,0	12,9	33,2	0,0	Oui
5,0	34,9	5,0	17,5	35,0	0,1	Oui
6,0	36,7	5,0	21,5	36,8	0,1	Oui
7,0	38,6	5,0	24,0	38,7	0,1	Oui
8,0	40,0	5,0	24,2	40,1	0,1	Oui
9,0	40,0	5,0	24,2	40,1	0,1	Oui

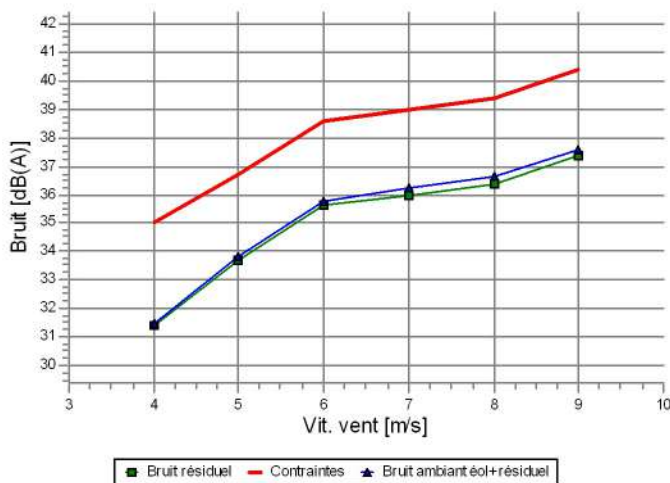
DECIBEL - Analyse des résultats

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction
Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
J PF3 nocturne SO



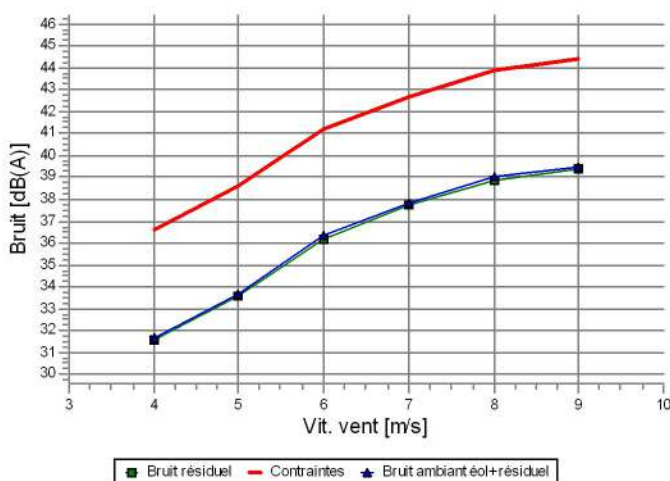
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éolien + résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	31,8	3,0	12,9	31,9	0,1	Oui
5,0	34,4	3,0	17,5	34,5	0,1	Oui
6,0	35,6	3,0	21,5	35,8	0,2	Oui
7,0	36,0	3,0	24,0	36,3	0,3	Oui
8,0	36,8	3,0	24,2	37,0	0,2	Oui
9,0	37,4	3,0	24,2	37,6	0,2	Oui

K PF3 nocturne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éolien + résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	31,4	3,0	12,9	31,5	0,1	Oui
5,0	33,7	3,0	17,5	33,8	0,1	Oui
6,0	35,6	3,0	21,5	35,8	0,2	Oui
7,0	36,0	3,0	24,0	36,3	0,3	Oui
8,0	36,4	3,0	24,2	36,7	0,3	Oui
9,0	37,4	3,0	24,2	37,6	0,2	Oui

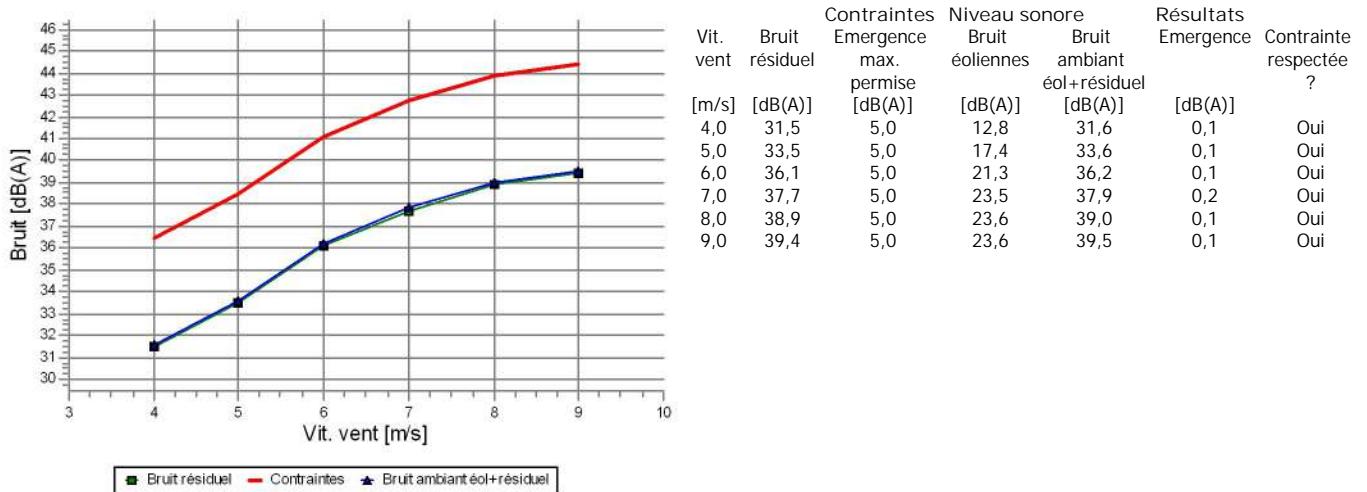
L PF4 diurne SO



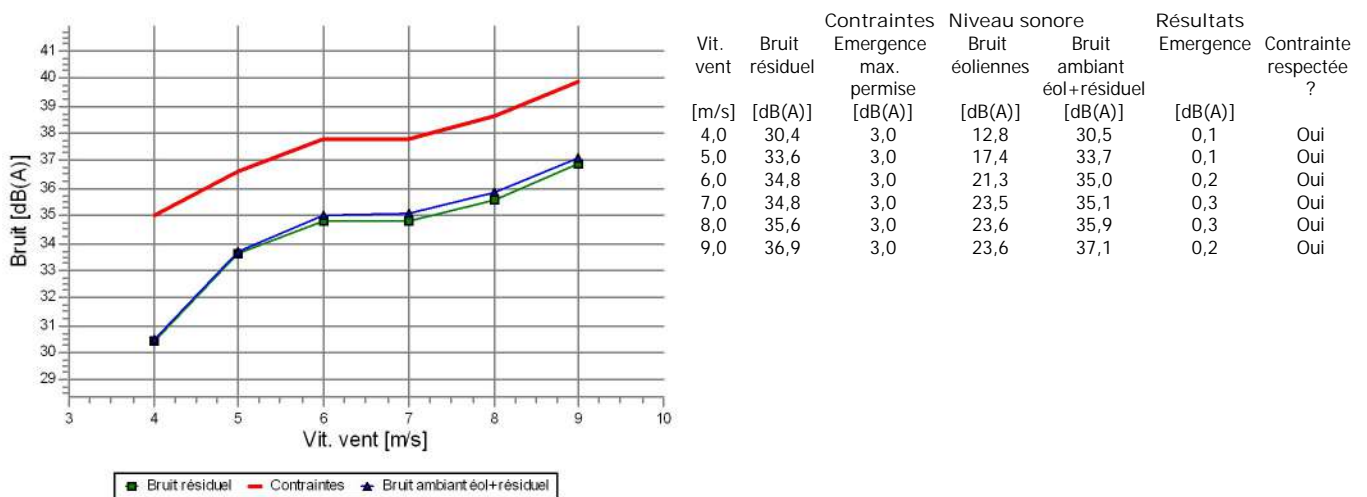
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éolien + résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	31,6	5,0	12,8	31,7	0,1	Oui
5,0	33,6	5,0	17,4	33,7	0,1	Oui
6,0	36,2	5,0	21,3	36,3	0,1	Oui
7,0	37,7	5,0	23,5	37,9	0,2	Oui
8,0	38,9	5,0	23,6	39,0	0,1	Oui
9,0	39,4	5,0	23,6	39,5	0,1	Oui

DECIBEL - Analyse des résultats

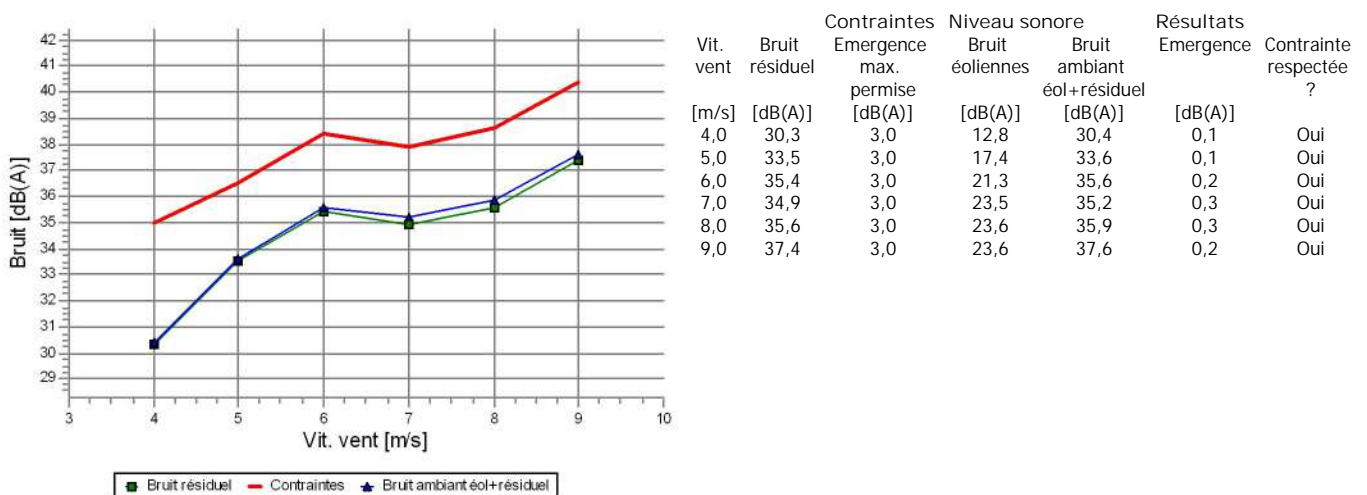
Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction
Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
M PF4 diurne NE



N PF4 nocturne SO

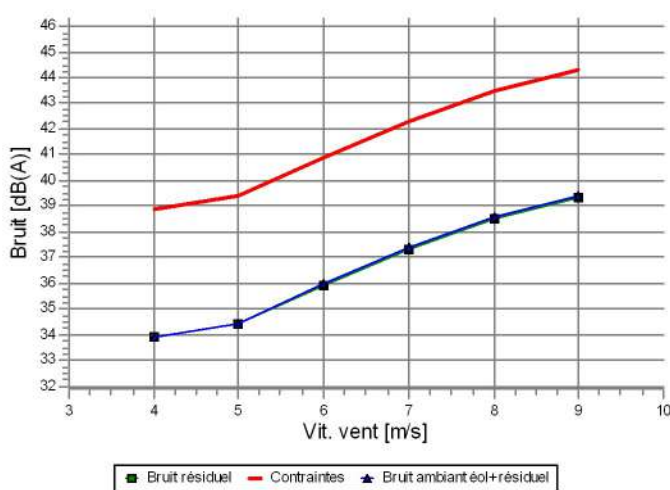


O PF4 nocturne NE



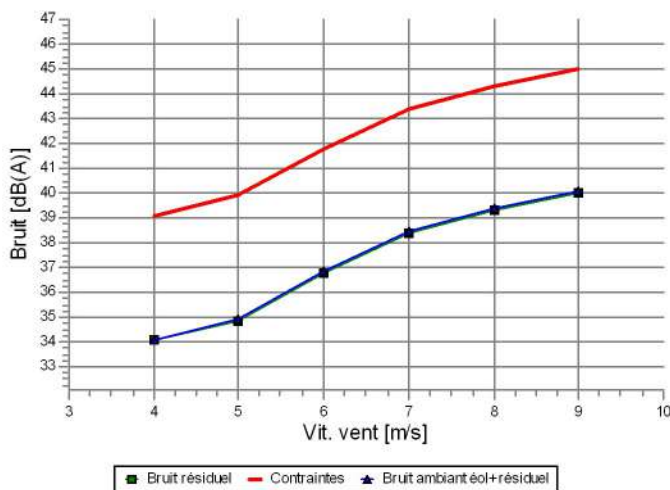
DECIBEL - Analyse des résultats

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction
Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
P PF5 diurne SO



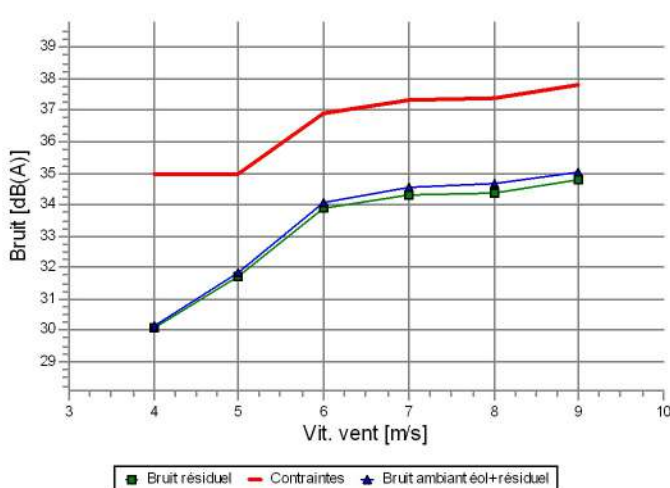
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,9	5,0	11,3	33,9	0,0	Oui
5,0	34,4	5,0	15,8	34,5	0,1	Oui
6,0	35,9	5,0	19,8	36,0	0,1	Oui
7,0	37,3	5,0	22,1	37,4	0,1	Oui
8,0	38,5	5,0	22,3	38,6	0,1	Oui
9,0	39,3	5,0	22,3	39,4	0,1	Oui

Q PF5 diurne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	34,1	5,0	11,3	34,1	0,0	Oui
5,0	34,9	5,0	15,8	35,0	0,1	Oui
6,0	36,8	5,0	19,8	36,9	0,1	Oui
7,0	38,4	5,0	22,1	38,5	0,1	Oui
8,0	39,3	5,0	22,3	39,4	0,1	Oui
9,0	40,0	5,0	22,3	40,1	0,1	Oui

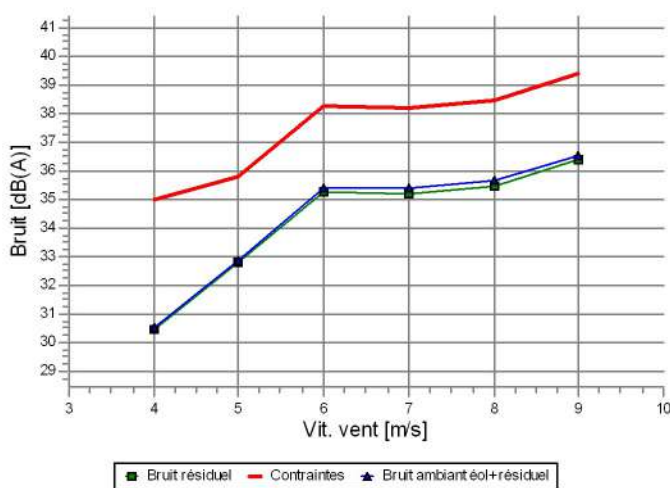
R PF5 nocturne SO



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	30,1	3,0	11,3	30,2	0,1	Oui
5,0	31,7	3,0	15,8	31,8	0,1	Oui
6,0	33,9	3,0	19,8	34,1	0,2	Oui
7,0	34,3	3,0	22,1	34,6	0,3	Oui
8,0	34,4	3,0	22,3	34,7	0,3	Oui
9,0	34,8	3,0	22,3	35,0	0,2	Oui

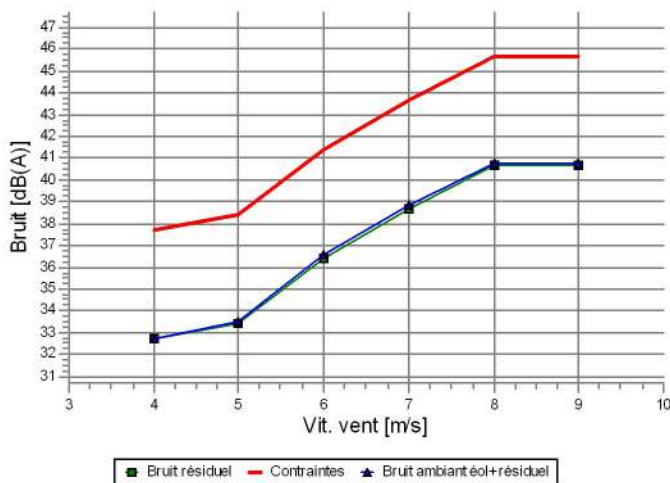
DECIBEL - Analyse des résultats

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction
Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
S PF5 nocturne NE



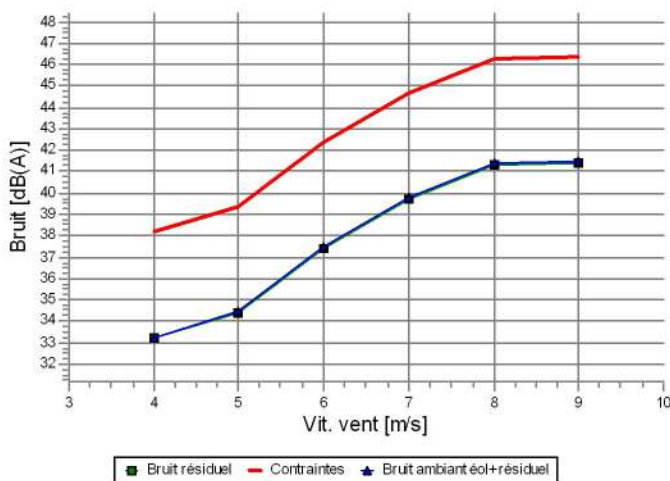
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	30,5	3,0	11,3	30,6	0,1	Oui
5,0	32,8	3,0	15,8	32,9	0,1	Oui
6,0	35,3	3,0	19,8	35,4	0,1	Oui
7,0	35,2	3,0	22,1	35,4	0,2	Oui
8,0	35,5	3,0	22,3	35,7	0,2	Oui
9,0	36,4	3,0	22,3	36,6	0,2	Oui

T PF6 diurne SO



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	32,7	5,0	13,5	32,8	0,1	Oui
5,0	33,4	5,0	18,0	33,5	0,1	Oui
6,0	36,4	5,0	21,9	36,6	0,2	Oui
7,0	38,7	5,0	23,9	38,8	0,1	Oui
8,0	40,7	5,0	24,0	40,8	0,1	Oui
9,0	40,7	5,0	24,0	40,8	0,1	Oui

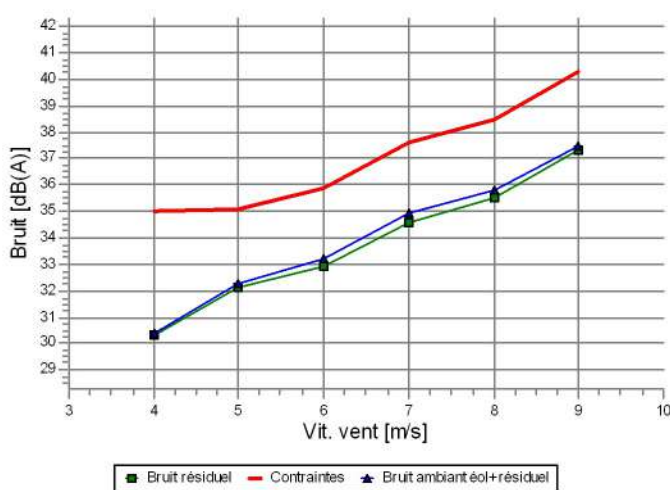
U PF6 diurne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,2	5,0	13,5	33,2	0,0	Oui
5,0	34,4	5,0	18,0	34,5	0,1	Oui
6,0	37,4	5,0	21,9	37,5	0,1	Oui
7,0	39,7	5,0	23,9	39,8	0,1	Oui
8,0	41,3	5,0	24,0	41,4	0,1	Oui
9,0	41,4	5,0	24,0	41,5	0,1	Oui

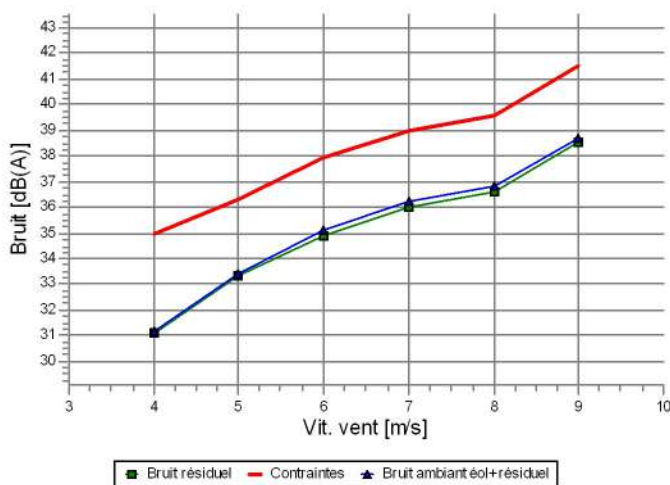
DECIBEL - Analyse des résultats

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction
Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
V PF6 nocturne SO



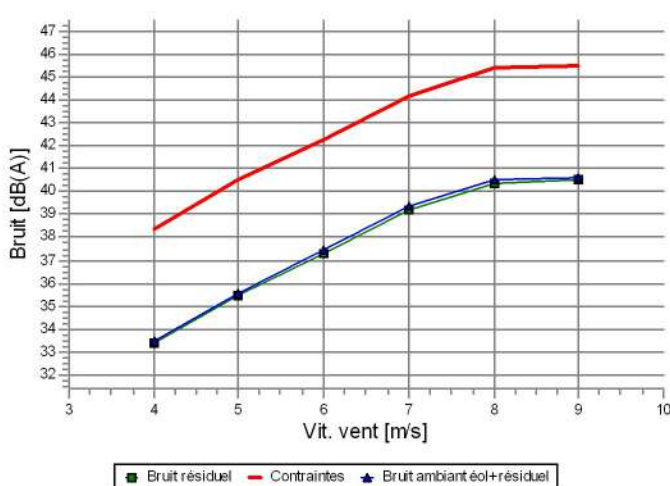
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	30,3	3,0	13,5	30,4	0,1	Oui
5,0	32,1	3,0	18,0	32,3	0,2	Oui
6,0	32,9	3,0	21,9	33,2	0,3	Oui
7,0	34,6	3,0	23,9	35,0	0,4	Oui
8,0	35,5	3,0	24,0	35,8	0,3	Oui
9,0	37,3	3,0	24,0	37,5	0,2	Oui

W PF6 nocturne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	31,1	3,0	13,5	31,2	0,1	Oui
5,0	33,3	3,0	18,0	33,4	0,1	Oui
6,0	34,9	3,0	21,9	35,1	0,2	Oui
7,0	36,0	3,0	23,9	36,3	0,3	Oui
8,0	36,6	3,0	24,0	36,8	0,2	Oui
9,0	38,5	3,0	24,0	38,7	0,2	Oui

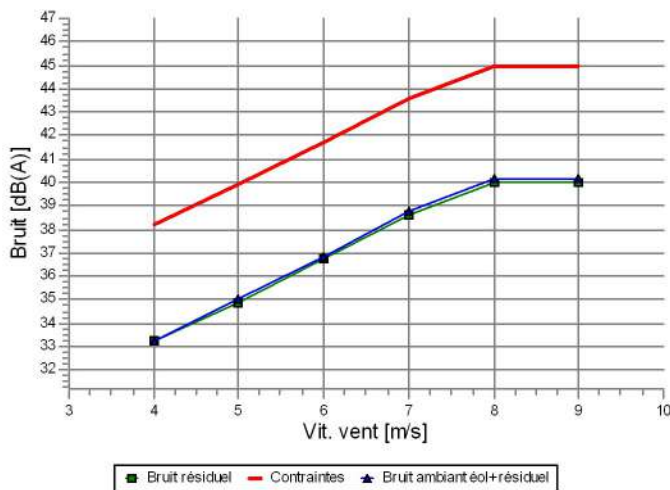
X PF7 diurne SO



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,4	5,0	13,4	33,4	0,0	Oui
5,0	35,5	5,0	18,0	35,6	0,1	Oui
6,0	37,3	5,0	22,0	37,4	0,1	Oui
7,0	39,2	5,0	24,6	39,3	0,1	Oui
8,0	40,4	5,0	24,8	40,5	0,1	Oui
9,0	40,5	5,0	24,8	40,6	0,1	Oui

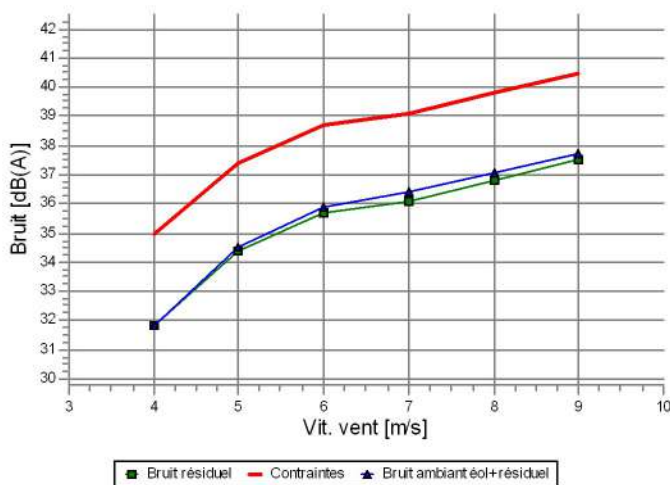
DECIBEL - Analyse des résultats

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction
Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
Y PF7 diurne NE



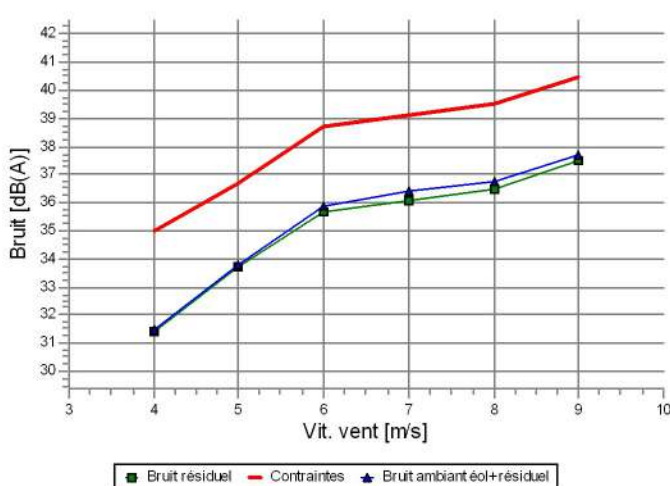
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,2	5,0	13,4	33,2	0,0	Oui
5,0	34,9	5,0	18,0	35,0	0,1	Oui
6,0	36,7	5,0	22,0	36,8	0,1	Oui
7,0	38,6	5,0	24,6	38,8	0,2	Oui
8,0	40,0	5,0	24,8	40,1	0,1	Oui
9,0	40,0	5,0	24,8	40,1	0,1	Oui

Z PF7 nocturne SO



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	31,8	3,0	13,4	31,9	0,1	Oui
5,0	34,4	3,0	18,0	34,5	0,1	Oui
6,0	35,7	3,0	22,0	35,9	0,2	Oui
7,0	36,1	3,0	24,6	36,4	0,3	Oui
8,0	36,8	3,0	24,8	37,1	0,3	Oui
9,0	37,5	3,0	24,8	37,7	0,2	Oui

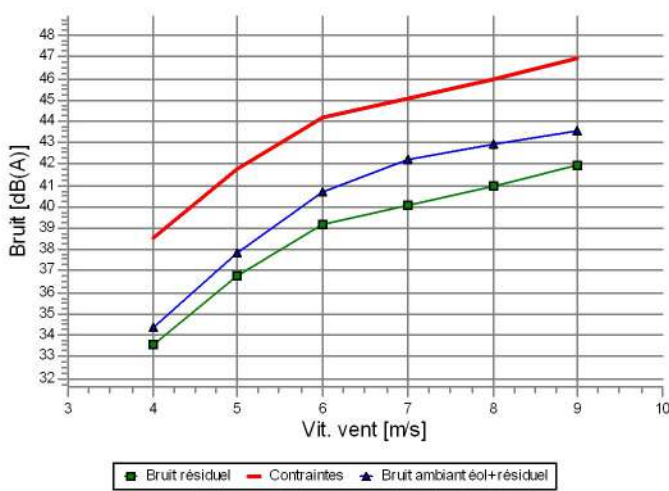
AA PF7 nocturne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	31,4	3,0	13,4	31,5	0,1	Oui
5,0	33,7	3,0	18,0	33,8	0,1	Oui
6,0	35,7	3,0	22,0	35,9	0,2	Oui
7,0	36,1	3,0	24,6	36,4	0,3	Oui
8,0	36,5	3,0	24,8	36,8	0,3	Oui
9,0	37,5	3,0	24,8	37,7	0,2	Oui

DECIBEL - Analyse des résultats

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction
 Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
 AB PF1 diurne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore éoliennes	Bruit éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,6	5,0	26,6	34,4	0,8	Oui
5,0	36,8	5,0	31,2	37,8	1,0	Oui
6,0	39,2	5,0	35,2	40,7	1,5	Oui
7,0	40,1	5,0	38,1	42,2	2,1	Oui
8,0	41,0	5,0	38,5	42,9	1,9	Oui
9,0	41,9	5,0	38,5	43,5	1,6	Oui

DECIBEL - Hypothèses de calcul

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction

Modèle utilisé pour les calculs de bruit:

ISO 9613-2 France 2006

Vit. vent (à 10m de hauteur):

4,0 m/s - 9,0 m/s, par pas de 1,0 m/s

Atténuation du sol:

Générale, dureté uniforme, Dureté sol: 0,7

Coefficient météorologique, CO:

0,0 dB

Type de contrainte utilisée pour le calcul:

2 : L'émergence due aux éol. est comparée à l'émergence réglementaire (FR etc.)

Expression des niveaux de bruit utilisées dans les calculs:

Toutes les valeurs sont des niveaux moy. Lwa (distri. normale)

Prise en compte des tons isolés:

En augmentant la contrainte par la pénalité pour tons isolés

Bibliothèque d'éoliennes

Hauteur en l'absence de valeur dans l'objet Zone-bruit-réglementé:

1,5 m; Interdire de substituer la hauteur définie dans le modèle par celle de l'objet Zone-bruit-réglementé

Marge liée à l'incertitude (ajoutée au résultat principal):

0,0 dB; Marge liée à l'incertitude des objets Zone-bruit-réglementée en priorité

Modification de la contrainte réglementaire : plus restrictive si < 0, moins restrictive si > 0.:

0,0 dB(A)

Bandes d'octave requises

Absorption atmosphérique variable en fonction de la fréquence

63	125	250	500	1.000	2.000	4.000	8.000
[dB/km]	[dB/km]	[dB/km]	[dB/km]	[dB/km]	[dB/km]	[dB/km]	[dB/km]
0,10	0,40	1,00	1,90	3,70	9,70	32,80	117,00

Eoliennes: VESTAS V126-3.45 HTq 3450 126.0 !O!

Bruit: Level 0 - Calculated - Mode 0 - 2016-01

Source Date source Etabli par Modifié(e) le
 HH: Vestas; 10 m: calculated by EMD 08.01.2016 EMD 04.10.2016 14:42
 Document DMS 0056-6303.00.

Blades with serrated trailing edge.

Hub height wind speed noise data from Vestas. Wind speed at hub height is converted to 10 m height using the IEC 61400-11 wind profile (5 cm roughness). Noise levels are interpolated at integer wind speeds.

Type de valeur	Hauteur [m]	Vit. vent [m/s]	Lwa,ref [dB(A)]	Tons isolés		Bandes d'octave							
						63 [dB]	125 [dB]	250 [dB]	500 [dB]	1000 [dB]	2000 [dB]	4000 [dB]	8000 [dB]
De la bibliothèque	87,0	4,0	94,9	Non	Données génériques	76,5	83,5	86,9	89,5	89,3	86,4	81,6	72,1
De la bibliothèque	87,0	5,0	99,3	Non	Données génériques	80,9	87,9	91,3	93,9	93,7	90,8	86,0	76,5
De la bibliothèque	87,0	6,0	103,1	Non	Données génériques	84,7	91,7	95,1	97,7	97,5	94,6	89,8	80,3
De la bibliothèque	87,0	7,0	104,4	Non	Données génériques	86,0	93,0	96,4	99,0	98,8	95,9	91,1	81,6
De la bibliothèque	87,0	8,0	104,4	Non	Données génériques	86,0	93,0	96,4	99,0	98,8	95,9	91,1	81,6
De la bibliothèque	87,0	9,0	104,4	Non	Données génériques	86,0	93,0	96,4	99,0	98,8	95,9	91,1	81,6

DECIBEL - Hypothèses de calcul

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction

Eoliennes: VESTAS V126-3.45 LTq 3450 126.0 !O!

Bruit: Level 0 - Calculated - Mode 0 - 2016-01

Source Date source Etabli par Modifié(e) le
 HH: Vestas; 10 m: calculated by EMD 08.01.2016 EMD 04.10.2016 14:43
 Document DMS 0053-3712.03.

Blades with serrated trailing edge.

Hub height wind speed noise data from Vestas. Wind speed at hub height is converted to 10 m height using the IEC 61400-11 wind profile (5 cm roughness). Noise levels are interpolated at integer wind speeds.

Type de valeur	Hauteur [m]	Vit. vent [m/s]	Lwa,ref [dB(A)]	Tons isolés		Bandes d'octave							
						63 [dB]	125 [dB]	250 [dB]	500 [dB]	1000 [dB]	2000 [dB]	4000 [dB]	8000 [dB]
De la bibliothèque	117,0	4,0	95,8	Non	Données génériques	77,4	84,4	87,8	90,4	90,2	87,3	82,5	73,0
De la bibliothèque	87,0	4,0	95,1	Non	Données génériques	76,7	83,7	87,1	89,7	89,5	86,6	81,8	72,3
De la bibliothèque	87,0	5,0	99,6	Non	Données génériques	81,2	88,2	91,6	94,2	94,0	91,1	86,3	76,8
De la bibliothèque	117,0	5,0	100,5	Non	Données génériques	82,1	89,1	92,5	95,1	94,9	92,0	87,2	77,7
De la bibliothèque	87,0	6,0	103,7	Non	Données génériques	85,3	92,3	95,7	98,3	98,1	95,2	90,4	80,9
De la bibliothèque	117,0	6,0	104,6	Non	Données génériques	86,2	93,2	96,6	99,2	99,0	96,1	91,3	81,8
De la bibliothèque	117,0	7,0	107,1	Non	Données génériques	88,7	95,7	99,1	101,7	101,5	98,6	93,8	84,3
De la bibliothèque	87,0	7,0	106,8	Non	Données génériques	88,4	95,4	98,8	101,4	101,2	98,3	93,5	84,0
De la bibliothèque	117,0	8,0	107,3	Non	Données génériques	88,9	95,9	99,3	101,9	101,7	98,8	94,0	84,5
De la bibliothèque	87,0	8,0	107,3	Non	Données génériques	88,9	95,9	99,3	101,9	101,7	98,8	94,0	84,5
De la bibliothèque	117,0	9,0	107,3	Non	Données génériques	88,9	95,9	99,3	101,9	101,7	98,8	94,0	84,5
De la bibliothèque	87,0	9,0	107,3	Non	Données génériques	88,9	95,9	99,3	101,9	101,7	98,8	94,0	84,5

Zone-bruit-réglementé: A PF1 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
 33,4 dB(A) 36,4 dB(A) 38,7 dB(A) 39,6 dB(A) 40,5 dB(A) 41,4 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: B PF1 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
 32,5 dB(A) 36,0 dB(A) 37,4 dB(A) 37,4 dB(A) 38,5 dB(A) 39,1 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: C PF1 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
 32,7 dB(A) 36,5 dB(A) 37,3 dB(A) 37,4 dB(A) 38,4 dB(A) 39,1 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

DECIBEL - Hypothèses de calcul

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction

Zone-bruit-réglementé: D PF2 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,2 dB(A) 34,9 dB(A) 37,0 dB(A) 39,6 dB(A) 40,6 dB(A) 41,2 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: E PF2 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,1 dB(A) 34,8 dB(A) 36,8 dB(A) 39,5 dB(A) 40,6 dB(A) 41,1 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: F PF2 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
29,5 dB(A) 32,1 dB(A) 34,1 dB(A) 34,8 dB(A) 35,6 dB(A) 37,4 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: G PF2 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
29,3 dB(A) 31,7 dB(A) 34,0 dB(A) 35,2 dB(A) 35,3 dB(A) 37,4 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: H PF3 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,4 dB(A) 35,5 dB(A) 37,3 dB(A) 39,2 dB(A) 40,4 dB(A) 40,5 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

DECIBEL - Hypothèses de calcul

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction

Zone-bruit-réglementé: I PF3 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
33,2 dB(A)	34,9 dB(A)	36,7 dB(A)	38,6 dB(A)	40,0 dB(A)	40,0 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: J PF3 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
31,8 dB(A)	34,4 dB(A)	35,6 dB(A)	36,0 dB(A)	36,8 dB(A)	37,4 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: K PF3 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
31,4 dB(A)	33,7 dB(A)	35,6 dB(A)	36,0 dB(A)	36,4 dB(A)	37,4 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: L PF4 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
31,6 dB(A)	33,6 dB(A)	36,2 dB(A)	37,7 dB(A)	38,9 dB(A)	39,4 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: M PF4 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
31,5 dB(A)	33,5 dB(A)	36,1 dB(A)	37,7 dB(A)	38,9 dB(A)	39,4 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

DECIBEL - Hypothèses de calcul

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction

Zone-bruit-réglementé: N PF4 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
30,4 dB(A)	33,6 dB(A)	34,8 dB(A)	34,8 dB(A)	35,6 dB(A)	36,9 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: O PF4 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
30,3 dB(A)	33,5 dB(A)	35,4 dB(A)	34,9 dB(A)	35,6 dB(A)	37,4 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: P PF5 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
33,9 dB(A)	34,4 dB(A)	35,9 dB(A)	37,3 dB(A)	38,5 dB(A)	39,3 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: Q PF5 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
34,1 dB(A)	34,9 dB(A)	36,8 dB(A)	38,4 dB(A)	39,3 dB(A)	40,0 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: R PF5 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
30,1 dB(A)	31,7 dB(A)	33,9 dB(A)	34,3 dB(A)	34,4 dB(A)	34,8 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

DECIBEL - Hypothèses de calcul

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction

Zone-bruit-réglementé: S PF5 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
30,5 dB(A)	32,8 dB(A)	35,3 dB(A)	35,2 dB(A)	35,5 dB(A)	36,4 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: T PF6 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
32,7 dB(A)	33,4 dB(A)	36,4 dB(A)	38,7 dB(A)	40,7 dB(A)	40,7 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: U PF6 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
33,2 dB(A)	34,4 dB(A)	37,4 dB(A)	39,7 dB(A)	41,3 dB(A)	41,4 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: V PF6 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
30,3 dB(A)	32,1 dB(A)	32,9 dB(A)	34,6 dB(A)	35,5 dB(A)	37,3 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: W PF6 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
31,1 dB(A)	33,3 dB(A)	34,9 dB(A)	36,0 dB(A)	36,6 dB(A)	38,5 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

DECIBEL - Hypothèses de calcul

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction

Zone-bruit-réglementé: X PF7 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,4 dB(A) 35,5 dB(A) 37,3 dB(A) 39,2 dB(A) 40,4 dB(A) 40,5 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: Y PF7 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,2 dB(A) 34,9 dB(A) 36,7 dB(A) 38,6 dB(A) 40,0 dB(A) 40,0 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: Z PF7 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
31,8 dB(A) 34,4 dB(A) 35,7 dB(A) 36,1 dB(A) 36,8 dB(A) 37,5 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: AA PF7 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
31,4 dB(A) 33,7 dB(A) 35,7 dB(A) 36,1 dB(A) 36,5 dB(A) 37,5 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: AB PF1 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,6 dB(A) 36,8 dB(A) 39,2 dB(A) 40,1 dB(A) 41,0 dB(A) 41,9 dB(A)

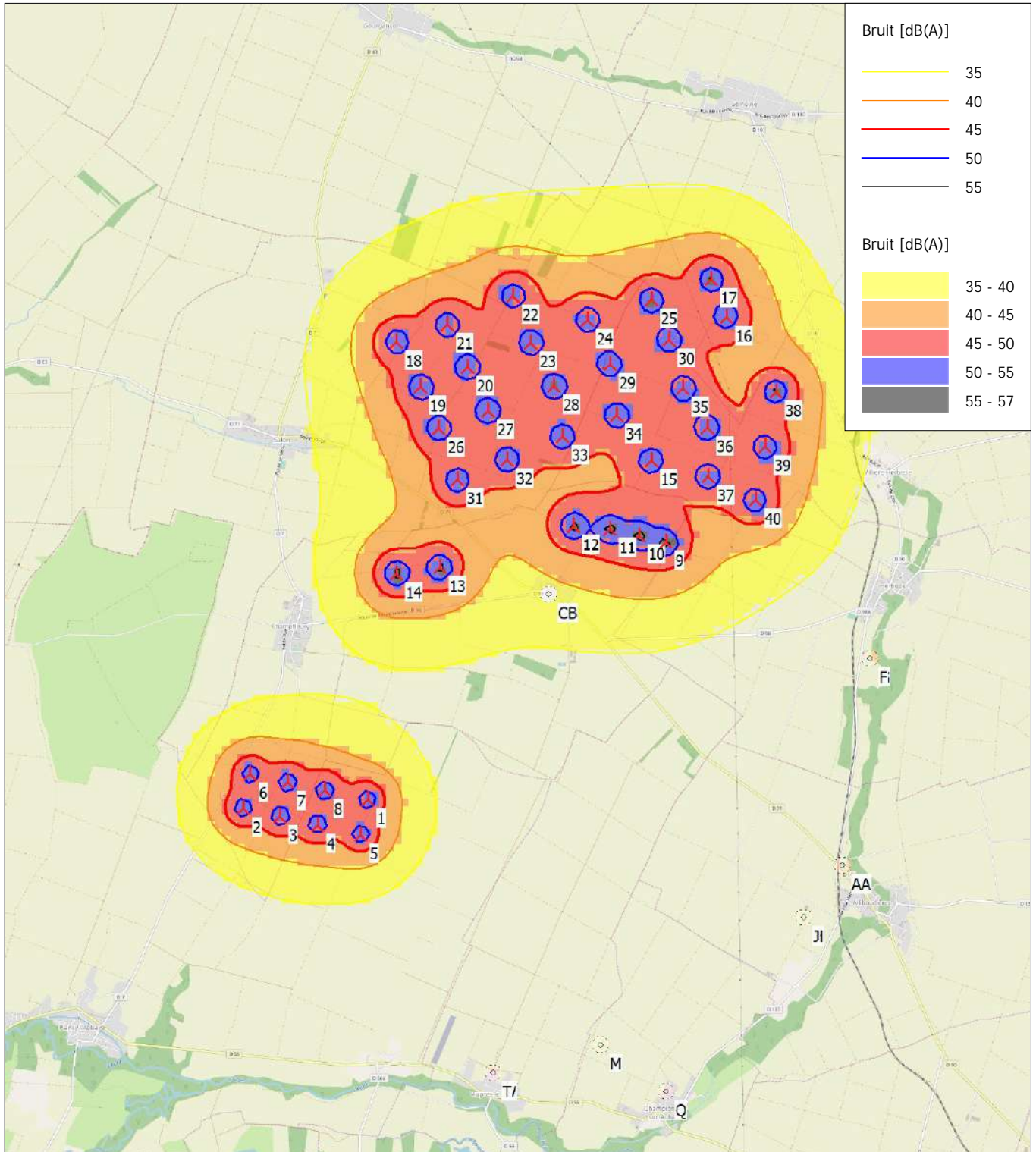
Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

DECIBEL - Carte 8,0 m/s

Calcul: 4 - Calcul sonore "parc en service" et ICPE autorisée et en instruction



Carte: EMD OpenStreetMap , Echelle à l'impression 1:75.000, Centre de la carte French Lambert93-RGF93 (FR) Est: 776.967 Nord: 6.836.281
🚧 Nouvelle-éolienne 🏠 Zone-bruit-réglémenté
Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006. Vit. vent: 8,0 m/s
Altitude à partir de l'objet Données-lignes actif

Projet:

AU501 - Viapres 2020-10-29

Titulaire de la licence:

Intervent SAS
3 boulevard de l'Europe Tour de l'Europe 183
FR-681007 Mulhouse
+33 (0)3 89 66 37 51
LEMAIRE / s.leroux@intervent.fr
Calculé le:
02.11.2020 10:03/3.3.294

DECIBEL - Principaux résultats

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de Viapres

Modèle utilisé pour les calculs de bruit:

ISO 9613-2 France 2006

Vit. vent (à 10m de hauteur):

4,0 m/s - 9,0 m/s, par pas de 1,0 m/s

Atténuation du sol:

Générale, dureté uniforme, Dureté sol: 0,7

Coefficient météorologique, CO:

0,0 dB

Type de contrainte utilisée pour le calcul:

2 : L'émergence due aux éol. est comparée à l'émergence réglementaire (FR

Expression des niveaux de bruit utilisées dans les calculs:

Toutes les valeurs sont des niveaux moy. Lwa (distri. normale)

Prise en compte des tons isolés:

En augmentant la contrainte par la pénalité pour tons isolés

Bibliothèque d'éoliennes

Hauteur en l'absence de valeur dans l'objet

Zone-bruit-réglémenté:

1,5 m; Interdire de substituer la hauteur définie dans le modèle par celle de l

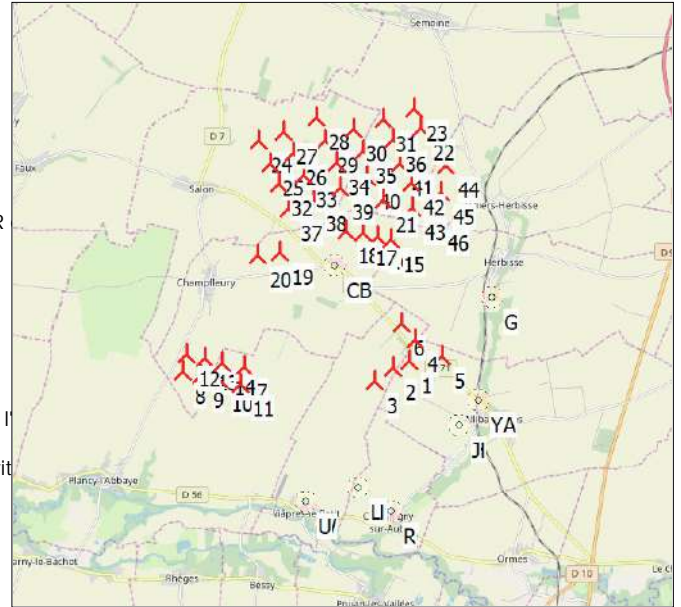
Marge liée à l'incertitude (ajoutée au résultat principal):

0,0 dB; Marge liée à l'incertitude des objets Zone-bruit-réglémenté en prior

Modification de la contrainte réglementaire : plus restrictive si < 0,

moins restrictive si >0.:

0,0 dB(A)



Echelle 1:200.000

🔴 Nouvelle-éolienne 🟤 Zone-bruit-réglémenté

Toutes les coordonnées sont
French Lambert93-RGF93 (FR)

Eoliennes

X	Y	Z	Description	Type d'éolienne			Puiss. nominale	Diamètre rotor	Hauteur	Données de bruit		Tère vitesse du vent	LwaRef	Dernière vit. de vent	LwaRef	Tons isolés
				Valide	Fabricant	Modèle				Etabri par	Nom					
			[m]			[kW]	[m]	[m]			[m/s]	[dB(A)]	[m/s]	[dB(A)]		
1	779.540	6.833.709	111,7 EOL 1	Oui	ENERCON	E-160 EP5 E2-5.500	5.500	160,0	140,0	EMD	E-160 EP5 E2 - OM 0 s	4,0	101,2	9,0	106,8	Non
2	779.103	6.833.531	113,5 EOL 2	Oui	ENERCON	E-160 EP5 E2-5.500	5.500	160,0	140,0	EMD	E-160 EP5 E2 - OM 0 s	4,0	101,2	9,0	106,8	Non
3	778.638	6.833.163	117,0 EOL 3	Oui	ENERCON	E-160 EP5 E2-5.500	5.500	160,0	140,0	EMD	E-160 EP5 E2 - OM 0 s	4,0	101,2	9,0	106,8	Non
4	779.687	6.834.276	119,0 EOL 22	Oui	ENERCON	E-160 EP5 E2-5.500	5.500	160,0	140,0	EMD	E-160 EP5 E2 - OM 0 s	4,0	101,2	9,0	106,8	Non
5	780.382	6.833.847	109,4 EOL 23	Oui	ENERCON	E-160 EP5 E2-5.500	5.500	160,0	140,0	EMD	E-160 EP5 E2 - OM 0 s	4,0	101,2	9,0	106,8	Non
6	779.321	6.834.711	122,9 EOL 21	Oui	ENERCON	E-160 EP5 E2-5.500	5.500	160,0	140,0	EMD	E-160 EP5 E2 - OM 0 s	4,0	101,2	9,0	106,8	Non
7	775.146	6.833.484	98,3 PUYATS	Oui	VESTAS	V126-3.45 HTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	94,9	9,0	104,4	Non h
8	773.508	6.833.344	98,3 PUYATS	Oui	VESTAS	V126-3.45 HTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	94,9	9,0	104,4	Non h
9	774.002	6.833.244	94,2 PUYATS	Oui	VESTAS	V126-3.45 HTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	94,9	9,0	104,4	Non h
10	774.493	6.833.145	91,4 PUYATS	Oui	VESTAS	V126-3.45 HTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	94,9	9,0	104,4	Non h
11	775.062	6.833.029	98,9 PUYATS	Oui	VESTAS	V126-3.45 HTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	94,9	9,0	104,4	Non h
12	773.601	6.833.798	102,3 PUYATS	Oui	VESTAS	V126-3.45 HTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	94,9	9,0	104,4	Non h
13	774.095	6.833.698	98,8 PUYATS	Oui	VESTAS	V126-3.45 HTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	94,9	9,0	104,4	Non h
14	774.587	6.833.598	95,7 PUYATS	Oui	VESTAS	V126-3.45 HTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	94,9	9,0	104,4	Non h
15	779.005	6.836.896	130,9 BONNE VOISINE	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,1	9,0	107,3	Non h
16	778.660	6.836.981	140,0 BONNE VOISINE	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,1	9,0	107,3	Non h
17	778.274	6.837.062	138,6 BONNE VOISINE	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,1	9,0	107,3	Non h
18	777.798	6.837.101	140,0 BONNE VOISINE	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,1	9,0	107,3	Non h
19	776.053	6.836.533	121,9 ORMELOTS	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,1	9,0	107,3	Non h
20	775.486	6.836.443	124,3 ORMELOTS	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	87,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,1	9,0	107,3	Non h
21	778.803	6.837.968	150,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
22	779.767	6.839.868	135,3 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
23	779.563	6.840.352	137,3 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
24	775.450	6.839.479	132,2 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
25	775.771	6.838.884	116,9 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
26	776.384	6.839.159	120,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
27	776.114	6.839.712	130,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
28	776.970	6.840.101	130,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
29	777.203	6.839.493	124,6 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
30	777.948	6.839.803	131,9 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
31	778.772	6.840.070	139,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
32	776.014	6.838.354	111,7 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
33	776.659	6.838.585	118,9 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
34	777.521	6.838.919	120,2 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
35	778.244	6.839.229	130,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
36	779.017	6.839.550	133,7 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
37	776.267	6.837.679	125,4 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
38	776.918	6.837.954	126,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
39	777.638	6.838.264	130,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
40	778.348	6.838.552	130,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
41	779.216	6.838.919	136,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
42	779.531	6.838.412	140,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
43	779.552	6.837.768	140,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
44	780.426	6.838.891	128,1 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
45	780.298	6.838.167	124,9 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h
46	780.175	6.837.465	140,0 VILLAGE DE RIC...	Oui	VESTAS	V126-3.45 LTq-3.450	3.450	126,0	117,0	EMD	Level 0 - Calculated - Mode 0 - 2016-01	4,0	95,8	9,0	107,3	Non h

h) Bandes d'octave génériques utilisées

Résultats des calculs

DECIBEL - Principaux résultats

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de Viapres

Niveau sonore

Zone-bruit-réglémenté	N°	Nom	X	Y	Z	Contraintes			Niveau sonore			Contrainte respectée ?
						Haut. point étudié	Max Emergence	Max sans contrainte	Max Bruit des éol.	Max Bruit éol.+résiduel	Max Emergence	
						[m]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
A	PF1 diurne SO	777.490	6.836.204	120,0	1,5	5,0	35,0	38,6	43,2	2,4	Oui	
B	PF1 nocturne SO	777.490	6.836.204	120,0	1,5	3,0	35,0	38,6	41,9	3,5	Non	
C	PF1 nocturne NE	777.490	6.836.204	120,0	1,5	3,0	35,0	38,6	41,9	3,5	Non	
D	PF2 diurne SO	781.719	6.835.428	110,0	1,5	5,0	35,0	30,9	41,6	0,7	Oui	
E	PF2 diurne NE	781.719	6.835.428	110,0	1,5	5,0	35,0	30,9	41,5	0,7	Oui	
F	PF2 nocturne SO	781.719	6.835.428	110,0	1,5	3,0	35,0	30,9	38,3	1,4	Oui	
G	PF2 nocturne NE	781.719	6.835.428	110,0	1,5	3,0	35,0	30,9	38,3	1,3	Oui	
H	PF3 diurne SO	780.885	6.832.019	100,0	1,5	5,0	35,0	28,9	40,8	0,6	Oui	
I	PF3 diurne NE	780.885	6.832.019	100,0	1,5	5,0	35,0	28,9	40,3	0,6	Oui	
J	PF3 nocturne SO	780.885	6.832.019	100,0	1,5	3,0	35,0	28,9	38,0	0,8	Oui	
K	PF3 nocturne NE	780.885	6.832.019	100,0	1,5	3,0	35,0	28,9	38,0	0,8	Oui	
L	PF4 diurne SO	778.245	6.830.316	99,2	1,5	5,0	35,0	25,6	39,6	0,3	Oui	
M	PF4 diurne NE	778.245	6.830.316	99,2	1,5	5,0	35,0	25,6	39,6	0,3	Oui	
N	PF4 nocturne SO	778.245	6.830.316	99,2	1,5	3,0	35,0	25,6	37,2	0,5	Oui	
O	PF4 nocturne NE	778.245	6.830.316	99,2	1,5	3,0	35,0	25,6	37,7	0,5	Oui	
P	PF5 diurne SO	779.114	6.829.710	90,0	1,5	5,0	35,0	24,1	39,4	0,2	Oui	
Q	PF5 diurne NE	779.114	6.829.710	90,0	1,5	5,0	35,0	24,1	40,1	0,2	Oui	
R	PF5 nocturne SO	779.114	6.829.710	90,0	1,5	3,0	35,0	24,1	35,2	0,4	Oui	
S	PF5 nocturne NE	779.114	6.829.710	90,0	1,5	3,0	35,0	24,1	36,6	0,3	Oui	
T	PF6 diurne SO	776.835	6.829.926	90,0	1,5	5,0	35,0	25,0	40,8	0,2	Oui	
U	PF6 diurne NE	776.835	6.829.926	90,0	1,5	5,0	35,0	25,0	41,5	0,2	Oui	
V	PF6 nocturne SO	776.835	6.829.926	90,0	1,5	3,0	35,0	25,0	37,5	0,5	Oui	
W	PF6 nocturne NE	776.835	6.829.926	90,0	1,5	3,0	35,0	25,0	38,7	0,3	Oui	
X	PF7 diurne SO	781.379	6.832.705	100,0	1,5	5,0	35,0	29,9	40,9	0,7	Oui	
Y	PF7 diurne NE	781.379	6.832.705	100,0	1,5	5,0	35,0	29,9	40,4	0,8	Oui	
Z	PF7 nocturne SO	781.379	6.832.705	100,0	1,5	3,0	35,0	29,9	38,2	0,9	Oui	
AA	PF7 nocturne NE	781.379	6.832.705	100,0	1,5	3,0	35,0	29,9	38,2	1,0	Oui	
AB	PF1 diurne NE	777.490	6.836.204	120,0	1,5	5,0	35,0	38,6	43,6	2,2	Oui	

Distances (m)

Eoliennes	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
1	3229	3229	3229	2775	2775	2775	2775	2160	2160	2160	2160	3632	3632	3632	3632	4022	4022	4022	4022	4650	4650	4650
2	3122	3122	3122	3231	3231	3231	3231	2337	2337	2337	2337	3328	3328	3328	3328	3821	3821	3821	3821	4258	4258	4258
3	3250	3250	3250	3824	3824	3824	3824	2522	2522	2522	2522	2875	2875	2875	2875	3486	3486	3486	3486	3705	3705	3705
4	2923	2923	2923	2335	2335	2335	2335	2555	2555	2555	2555	4215	4215	4215	4215	4602	4602	4602	4602	5201	5201	5201
5	3731	3731	3731	2070	2070	2070	2070	1896	1896	1896	1896	4128	4128	4128	4128	4328	4328	4328	4328	5287	5287	5287
6	2362	2362	2362	2503	2503	2503	2503	3113	3113	3113	3113	4525	4525	4525	4525	5006	5006	5006	5006	5392	5392	5392
7	3590	3590	3590	6853	6853	6853	6853	5923	5923	5923	5923	4432	4432	4432	4432	5476	5476	5476	5476	3939	3939	3939
8	4902	4902	4902	8470	8470	8470	8470	7495	7495	7495	7495	5622	5622	5622	5622	6680	6680	6680	6680	4770	4770	4770
9	4574	4574	4574	8019	8019	8019	8019	6991	6991	6991	6991	5155	5155	5155	5155	6215	6215	6215	6215	4363	4363	4363
10	4283	4283	4283	7578	7578	7578	7578	6491	6491	6491	6491	4699	4699	4699	4699	5758	5758	5758	5758	3981	3981	3981
11	3997	3997	3997	7075	7075	7075	7075	5910	5910	5910	5910	4182	4182	4182	4182	5238	5238	5238	5238	3574	3574	3574
12	4572	4572	4572	8279	8279	8279	8279	7498	7498	7498	7498	5804	5804	5804	5804	6863	6863	6863	6863	5045	5045	5045
13	4220	4220	4220	7817	7817	7817	7817	6995	6995	6995	6995	5353	5353	5353	5353	6410	6410	6410	6410	4662	4662	4662
14	3901	3901	3901	7363	7363	7363	7363	6493	6493	6493	6493	4915	4915	4915	4915	5967	5967	5967	5967	4306	4306	4306
15	1665	1665	1665	3085	3085	3085	3085	5226	5226	5226	5226	6624	6624	6624	6624	7187	7187	7187	7187	7299	7299	7299
16	1404	1404	1404	3430	3430	3430	3430	5438	5438	5438	5438	6678	6678	6678	6678	7285	7285	7285	7285	7286	7286	7286
17	1162	1162	1162	3813	3813	3813	3813	5678	5678	5678	5678	6746	6746	6746	6746	7400	7400	7400	7400	7279	7279	7279
18	948	948	948	4263	4263	4263	4263	5946	5946	5946	5946	6799	6799	6799	6799	7507	7507	7507	7507	7238	7238	7238
19	1474	1474	1474	5772	5772	5772	5772	6612	6612	6612	6612	6592	6592	6592	6592	7478	7478	7478	7478	6652	6652	6652
20	2018	2018	2018	6315	6315	6315	6315	6980	6980	6980	6980	6719	6719	6719	6719	7648	7648	7648	7648	6654	6654	6654
21	2199	2199	2199	3867	3867	3867	3867	6303	6303	6303	6303	7673	7673	7673	7673	8264	8264	8264	8264	8279	8279	8279
22	4313	4313	4313	4849	4849	4849	4849	7927	7927	7927	7927	9672	9672	9672	9672	10179	10179	10179	10179	10364	10364	10364
23	4637	4637	4637	5375	5375	5375	5375	8437	8437	8437	8437	10123	10123	10123	10123	10652	10652	10652	10652	10777	10777	10777
24	3858	3858	3858	7463	7463	7463	7463	9229	9229	9229	9229	9579	9579	9579	9579	10433	10433	10433	10433	9652	9652	9652
25	3184	3184	3184	6879	6879	6879	6879	8561	8561	8561	8561	8919	8919	8919	8919	9764	9764	9764	9764	9021	9021	9021
26	3155	3155	3155	6510	6510	6510	6510	8440	8440	8440	8440	9037	9037	9037	9037	9836	9836	9836	9836	9244	9244	9244
27	3768	3768	3768	7054	7054	7054	7054	9052	9052	9052	9052	9634	9634	9634	9634	10442	10442	10442	10442	9812	9812	9812
28	3931	3931	3931	6662	6662	6662	6662	8980	8980	8980	8980	9868	9868	9868	9868	10610	10610	10610	10610	10175	10175	10175
29	3301	3301	3301	6075	6075	6075	6075	8331	8331	8331	8331	9236	9236	9236	9236	9967	9967	9967	9967	9573	9573	9573
30	3627	3627	3627	5775	5775	5775	5775	8319	8319	8319	8319	9491	9491	9491	9491	10160	10160	10160	10160	9939	9939	9939
31	4072	4072	4072	5497	5497	5497	5497	8323	8323	8323	8323	9768	9768	9768	9768	10365	10365	10365	10365	10326	10326	10326
32	2607	2607	2607	6411	6411	6411	6411	7991	7991	7991	7991	8342	8342	8342	8342	9183	9183	9183	9183	8467	8467	8467
33	2521	2521	2521	5964	5964	5964	5964	7808	7808	7808	7808	8420	8420	8420	8420	9208	9208	9208	9208	8660	8660	8660

Suite à la page suivante...

DECIBEL - Principaux résultats

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de Viapres

...suite de la page précédente

Eoliennes	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V
34	2715	2715	2715	5459	5459	5459	5459	7676	7676	7676	7676	8633	8633	8633	8633	9345	9345	9345	9345	9018	9018	9018
35	3117	3117	3117	5149	5149	5149	5149	7678	7678	7678	7678	8913	8913	8913	8913	9558	9558	9558	9558	9408	9408	9408
36	3678	3678	3678	4928	4928	4928	4928	7759	7759	7759	7759	9267	9267	9267	9267	9841	9841	9841	9841	9868	9868	9868
37	1916	1916	1916	5898	5898	5898	5898	7305	7305	7305	7305	7624	7624	7624	7624	8462	8462	8462	8462	7773	7773	7773
38	1841	1841	1841	5424	5424	5424	5424	7139	7139	7139	7139	7753	7753	7753	7753	8532	8532	8532	8532	8028	8028	8028
39	2065	2065	2065	4969	4969	4969	4969	7039	7039	7039	7039	7971	7971	7971	7971	8681	8681	8681	8681	8376	8376	8376
40	2499	2499	2499	4595	4595	4595	4595	7008	7008	7008	7008	8236	8236	8236	8236	8875	8875	8875	8875	8757	8757	8757
41	3217	3217	3217	4295	4295	4295	4295	7099	7099	7099	7099	8658	8658	8658	8658	9210	9210	9210	9210	9302	9302	9302
42	3007	3007	3007	3700	3700	3700	3700	6534	6534	6534	6534	8198	8198	8198	8198	8712	8712	8712	8712	8903	8903	8903
43	2588	2588	2588	3188	3188	3188	3188	5901	5901	5901	5901	7566	7566	7566	7566	8070	8070	8070	8070	8298	8298	8298
44	3980	3980	3980	3697	3697	3697	3697	6887	6887	6887	6887	8848	8848	8848	8848	9275	9275	9275	9275	9657	9657	9657
45	3426	3426	3426	3085	3085	3085	3085	6175	6175	6175	6175	8115	8115	8115	8115	8540	8540	8540	8540	8938	8938	8938
46	2966	2966	2966	2556	2556	2556	2556	5491	5491	5491	5491	7405	7405	7405	7405	7827	7827	7827	7827	8245	8245	8245

Eoliennes	W	X	Y	Z	AA	AB
1	4650	2095	2095	2095	2095	3229
2	4258	2421	2421	2421	2421	3122
3	3705	2779	2779	2779	2779	3250
4	5201	2309	2309	2309	2309	2923
5	5287	1516	1516	1516	1516	3731
6	5392	2874	2874	2874	2874	2362
7	3939	6281	6281	6281	6281	3590
8	4770	7896	7896	7896	7896	4902
9	4363	7396	7396	7396	7396	4574
10	3981	6900	6900	6900	6900	4283
11	3574	6325	6325	6325	6325	3997
12	5045	7854	7854	7854	7854	4572
13	4662	7351	7351	7351	7351	4220
14	4306	6851	6851	6851	6851	3901
15	7299	4816	4816	4816	4816	1665
16	7286	5067	5067	5067	5067	1404
17	7279	5350	5350	5350	5350	1162
18	7238	5670	5670	5670	5670	948
19	6652	6559	6559	6559	6559	1474
20	6654	6978	6978	6978	6978	2018
21	8279	5859	5859	5859	5859	2199
22	10364	7341	7341	7341	7341	4313
23	10777	7860	7860	7860	7860	4637
24	9652	9001	9001	9001	9001	3858
25	9021	8345	8345	8345	8345	3184
26	9244	8161	8161	8161	8161	3155
27	9812	8764	8764	8764	8764	3768
28	10175	8610	8610	8610	8610	3931
29	9573	7969	7969	7969	7969	3301
30	9939	7883	7883	7883	7883	3627
31	10326	7812	7812	7812	7812	4072
32	8467	7790	7790	7790	7790	2607
33	8660	7540	7540	7540	7540	2521
34	9018	7314	7314	7314	7314	2715
35	9408	7237	7237	7237	7237	3117
36	9868	7241	7241	7241	7241	3678
37	7773	7132	7132	7132	7132	1916
38	8028	6888	6888	6888	6888	1841
39	8376	6701	6701	6701	6701	2065
40	8757	6585	6585	6585	6585	2499
41	9302	6580	6580	6580	6580	3217
42	8903	5999	5999	5999	5999	3007
43	8298	5382	5382	5382	5382	2588
44	9657	6259	6259	6259	6259	3980
45	8938	5568	5568	5568	5568	3426
46	8245	4910	4910	4910	4910	2966

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Données du calcul

Calcul de L(DW) = LWA,ref + K + Dc - (Adiv + Aatm + Agr + Abar + Amisc) - Cmet
(calcul avec atténuation du sol => Dc = Omega)

LWA,ref:	Niveau source de bruit de l'éolienne
K:	Tons isolés
Dc:	Correction de directivité
Adiv:	Atténuation due à la divergence géométrique
Aatm:	Atténuation due à l'absorption atmosphérique
Agr:	Atténuation du sol
Abar:	Atténuation due à une barrière anti-bruit
Amisc:	Atténuation due à d'autres effets
Cmet:	Correction météorologique

Résultats des calculs

Zone-bruit-réglementé: A PF1 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	9,80	101,2	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	10,25	101,2	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	9,71	101,2	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	11,14	101,2	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	7,85	101,2	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	14,00	101,2	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	4,27	94,9	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	0,53	94,9	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	1,36	94,9	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	2,15	94,9	0,00	83,64	-	-	0,00	0,00	-
11	3.997	3.997	2,99	94,9	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	1,37	94,9	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	2,33	94,9	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	3,28	94,9	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	13,76	95,1	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	15,77	95,1	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	17,97	95,1	0,00	72,34	-	-	0,00	0,00	-
18	948	954	20,26	95,1	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	15,21	95,1	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	11,42	95,1	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	11,01	95,8	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	2,60	95,8	0,00	83,70	-	-	0,00	0,00	-
23	4.637	4.639	1,73	95,8	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	3,92	95,8	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	6,31	95,8	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	6,43	95,8	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	4,20	95,8	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	3,69	95,8	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	5,85	95,8	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	4,64	95,8	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	3,28	95,8	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	8,88	95,8	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	9,31	95,8	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	8,37	95,8	0,00	79,68	-	-	0,00	0,00	-
35	3.117	3.119	6,59	95,8	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	4,48	95,8	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	12,72	95,8	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	13,21	95,8	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	11,80	95,8	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	9,41	95,8	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	6,18	95,8	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	7,05	95,8	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	8,97	95,8	0,00	79,27	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
44	3.980	3.982	3,55	95,8	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	5,36	95,8	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	7,23	95,8	0,00	80,45	-	-	0,00	0,00	-
Somme			27,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,03	105,9	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	14,49	105,9	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	13,94	105,9	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	15,39	105,9	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,05	105,9	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	18,29	105,9	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	8,66	99,3	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	4,91	99,3	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	5,75	99,3	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	6,54	99,3	0,00	83,64	-	-	0,00	0,00	-
11	3.997	3.997	7,37	99,3	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	5,75	99,3	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	6,72	99,3	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	7,66	99,3	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	18,29	99,6	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	20,30	99,6	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	22,50	99,6	0,00	72,34	-	-	0,00	0,00	-
18	948	954	24,79	99,6	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	19,74	99,6	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	15,95	99,6	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	15,70	100,5	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	7,28	100,5	0,00	83,70	-	-	0,00	0,00	-
23	4.637	4.639	6,42	100,5	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	8,61	100,5	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	11,00	100,5	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	11,12	100,5	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	8,88	100,5	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	8,38	100,5	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	10,53	100,5	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	9,33	100,5	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	7,96	100,5	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	13,57	100,5	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	13,99	100,5	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	13,06	100,5	0,00	79,68	-	-	0,00	0,00	-
35	3.117	3.119	11,28	100,5	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	9,17	100,5	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	17,41	100,5	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	17,90	100,5	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	16,49	100,5	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	14,10	100,5	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	10,87	100,5	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	11,74	100,5	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	13,66	100,5	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	8,24	100,5	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	10,05	100,5	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	11,92	100,5	0,00	80,45	-	-	0,00	0,00	-
Somme			31,77								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,96	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,42	106,8	0,00	80,90	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
3	3.250	3.253	14,87	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,32	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,97	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,23	106,8	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	12,42	103,1	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	8,67	103,1	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	9,51	103,1	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	10,30	103,1	0,00	83,64	-	-	0,00	0,00	-
11	3.997	3.997	11,13	103,1	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	9,51	103,1	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	10,48	103,1	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	11,43	103,1	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	22,36	103,7	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	24,38	103,7	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	26,57	103,7	0,00	72,34	-	-	0,00	0,00	-
18	948	954	28,86	103,7	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	23,81	103,7	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	20,02	103,7	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	19,85	104,6	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	11,43	104,6	0,00	83,70	-	-	0,00	0,00	-
23	4.637	4.639	10,57	104,6	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	12,75	104,6	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	15,15	104,6	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	15,26	104,6	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	13,03	104,6	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	12,53	104,6	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	14,68	104,6	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	13,47	104,6	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	12,11	104,6	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	17,71	104,6	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	18,14	104,6	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	17,20	104,6	0,00	79,68	-	-	0,00	0,00	-
35	3.117	3.119	15,42	104,6	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	13,31	104,6	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	21,56	104,6	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	22,04	104,6	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	20,63	104,6	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	18,25	104,6	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	15,01	104,6	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	15,88	104,6	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	17,80	104,6	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	12,38	104,6	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	14,19	104,6	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	16,06	104,6	0,00	80,45	-	-	0,00	0,00	-
Somme			35,55								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,85	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,31	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,76	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,21	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,87	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,12	106,8	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	13,69	104,4	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	9,95	104,4	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	10,78	104,4	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	11,58	104,4	0,00	83,64	-	-	0,00	0,00	-
11	3.997	3.997	12,41	104,4	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	10,79	104,4	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	11,76	104,4	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	12,70	104,4	0,00	82,82	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
15	1.665	1.668	25,48	106,8	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	27,49	106,8	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	29,69	106,8	0,00	72,34	-	-	0,00	0,00	-
18	948	954	31,98	106,8	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	26,93	106,8	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	23,14	106,8	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	22,38	107,1	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	13,96	107,1	0,00	83,70	-	-	0,00	0,00	-
23	4.637	4.639	13,10	107,1	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	15,28	107,1	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	17,68	107,1	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	17,80	107,1	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	15,56	107,1	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	15,06	107,1	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	17,21	107,1	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	16,01	107,1	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	14,64	107,1	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	20,25	107,1	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	20,67	107,1	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	19,73	107,1	0,00	79,68	-	-	0,00	0,00	-
35	3.117	3.119	17,95	107,1	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	15,84	107,1	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	24,09	107,1	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	24,57	107,1	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	23,16	107,1	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	20,78	107,1	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	17,54	107,1	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	18,41	107,1	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	20,33	107,1	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	14,91	107,1	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	16,72	107,1	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	18,59	107,1	0,00	80,45	-	-	0,00	0,00	-
Somme			38,27								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,72	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,18	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,63	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,07	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,77	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	18,95	106,8	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	13,72	104,4	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	9,98	104,4	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	10,81	104,4	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	11,60	104,4	0,00	83,64	-	-	0,00	0,00	-
11	3.997	3.997	12,44	104,4	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	10,82	104,4	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	11,78	104,4	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	12,73	104,4	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	25,95	107,3	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	27,96	107,3	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	30,16	107,3	0,00	72,34	-	-	0,00	0,00	-
18	948	954	32,45	107,3	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	27,40	107,3	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	23,61	107,3	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	22,53	107,3	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	14,11	107,3	0,00	83,70	-	-	0,00	0,00	-
23	4.637	4.639	13,25	107,3	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	15,43	107,3	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	17,83	107,3	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	17,95	107,3	0,00	80,99	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
27	3.768	3.770	15,71	107,3	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	15,21	107,3	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	17,36	107,3	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	16,16	107,3	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	14,79	107,3	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	20,40	107,3	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	20,82	107,3	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	19,88	107,3	0,00	79,68	-	-	0,00	0,00	-
35	3.117	3.119	18,10	107,3	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	15,99	107,3	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	24,24	107,3	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	24,72	107,3	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	23,31	107,3	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	20,93	107,3	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	17,69	107,3	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	18,56	107,3	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	20,48	107,3	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	15,06	107,3	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	16,87	107,3	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	18,74	107,3	0,00	80,45	-	-	0,00	0,00	-
Somme			38,61								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,88	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,33	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,79	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,20	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,96	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,03	106,8	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	13,72	104,4	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	9,98	104,4	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	10,81	104,4	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	11,60	104,4	0,00	83,64	-	-	0,00	0,00	-
11	3.997	3.997	12,44	104,4	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	10,82	104,4	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	11,78	104,4	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	12,73	104,4	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	25,95	107,3	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	27,96	107,3	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	30,16	107,3	0,00	72,34	-	-	0,00	0,00	-
18	948	954	32,45	107,3	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	27,40	107,3	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	23,61	107,3	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	22,53	107,3	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	14,11	107,3	0,00	83,70	-	-	0,00	0,00	-
23	4.637	4.639	13,25	107,3	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	15,43	107,3	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	17,83	107,3	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	17,95	107,3	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	15,71	107,3	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	15,21	107,3	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	17,36	107,3	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	16,16	107,3	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	14,79	107,3	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	20,40	107,3	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	20,82	107,3	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	19,88	107,3	0,00	79,68	-	-	0,00	0,00	-
35	3.117	3.119	18,10	107,3	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	15,99	107,3	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	24,24	107,3	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	24,72	107,3	0,00	76,32	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
39	2.065	2.069	23,31	107,3	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	20,93	107,3	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	17,69	107,3	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	18,56	107,3	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	20,48	107,3	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	15,06	107,3	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	16,87	107,3	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	18,74	107,3	0,00	80,45	-	-	0,00	0,00	-
Somme			38,61								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglementé: B PF1 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	9,80	101,2	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	10,25	101,2	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	9,71	101,2	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	11,14	101,2	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	7,85	101,2	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	14,00	101,2	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	4,27	94,9	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	0,53	94,9	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	1,36	94,9	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	2,15	94,9	0,00	83,64	-	-	0,00	0,00	-
11	3.997	3.997	2,99	94,9	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	1,37	94,9	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	2,33	94,9	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	3,28	94,9	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	13,76	95,1	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	15,77	95,1	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	17,97	95,1	0,00	72,34	-	-	0,00	0,00	-
18	948	954	20,26	95,1	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	15,21	95,1	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	11,42	95,1	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	11,01	95,8	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	2,60	95,8	0,00	83,70	-	-	0,00	0,00	-
23	4.637	4.639	1,73	95,8	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	3,92	95,8	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	6,31	95,8	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	6,43	95,8	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	4,20	95,8	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	3,69	95,8	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	5,85	95,8	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	4,64	95,8	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	3,28	95,8	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	8,88	95,8	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	9,31	95,8	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	8,37	95,8	0,00	79,68	-	-	0,00	0,00	-
35	3.117	3.119	6,59	95,8	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	4,48	95,8	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	12,72	95,8	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	13,21	95,8	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	11,80	95,8	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	9,41	95,8	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	6,18	95,8	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	7,05	95,8	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	8,97	95,8	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	3,55	95,8	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	5,36	95,8	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	7,23	95,8	0,00	80,45	-	-	0,00	0,00	-
Somme			27,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,03	105,9	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	14,49	105,9	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	13,94	105,9	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	15,39	105,9	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,05	105,9	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	18,29	105,9	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	8,66	99,3	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	4,91	99,3	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	5,75	99,3	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	6,54	99,3	0,00	83,64	-	-	0,00	0,00	-
11	3.997	3.997	7,37	99,3	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	5,75	99,3	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	6,72	99,3	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	7,66	99,3	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	18,29	99,6	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	20,30	99,6	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	22,50	99,6	0,00	72,34	-	-	0,00	0,00	-
18	948	954	24,79	99,6	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	19,74	99,6	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	15,95	99,6	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	15,70	100,5	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	7,28	100,5	0,00	83,70	-	-	0,00	0,00	-
23	4.637	4.639	6,42	100,5	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	8,61	100,5	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	11,00	100,5	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	11,12	100,5	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	8,88	100,5	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	8,38	100,5	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	10,53	100,5	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	9,33	100,5	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	7,96	100,5	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	13,57	100,5	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	13,99	100,5	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	13,06	100,5	0,00	79,68	-	-	0,00	0,00	-
35	3.117	3.119	11,28	100,5	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	9,17	100,5	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	17,41	100,5	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	17,90	100,5	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	16,49	100,5	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	14,10	100,5	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	10,87	100,5	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	11,74	100,5	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	13,66	100,5	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	8,24	100,5	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	10,05	100,5	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	11,92	100,5	0,00	80,45	-	-	0,00	0,00	-
Somme			31,77								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,96	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,42	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,87	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,32	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,97	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,23	106,8	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	12,42	103,1	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	8,67	103,1	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	9,51	103,1	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	10,30	103,1	0,00	83,64	-	-	0,00	0,00	-
11	3.997	3.997	11,13	103,1	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	9,51	103,1	0,00	84,20	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
13	4.220	4.220	10,48	103,1	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	11,43	103,1	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	22,36	103,7	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	24,38	103,7	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	26,57	103,7	0,00	72,34	-	-	0,00	0,00	-
18	948	954	28,86	103,7	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	23,81	103,7	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	20,02	103,7	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	19,85	104,6	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	11,43	104,6	0,00	83,70	-	-	0,00	0,00	-
23	4.637	4.639	10,57	104,6	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	12,75	104,6	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	15,15	104,6	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	15,26	104,6	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	13,03	104,6	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	12,53	104,6	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	14,68	104,6	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	13,47	104,6	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	12,11	104,6	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	17,71	104,6	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	18,14	104,6	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	17,20	104,6	0,00	79,68	-	-	0,00	0,00	-
35	3.117	3.119	15,42	104,6	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	13,31	104,6	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	21,56	104,6	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	22,04	104,6	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	20,63	104,6	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	18,25	104,6	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	15,01	104,6	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	15,88	104,6	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	17,80	104,6	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	12,38	104,6	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	14,19	104,6	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	16,06	104,6	0,00	80,45	-	-	0,00	0,00	-
Somme			35,55								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,85	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,31	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,76	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,21	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,87	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,12	106,8	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	13,69	104,4	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	9,95	104,4	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	10,78	104,4	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	11,58	104,4	0,00	83,64	-	-	0,00	0,00	-
11	3.997	3.997	12,41	104,4	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	10,79	104,4	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	11,76	104,4	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	12,70	104,4	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	25,48	106,8	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	27,49	106,8	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	29,69	106,8	0,00	72,34	-	-	0,00	0,00	-
18	948	954	31,98	106,8	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	26,93	106,8	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	23,14	106,8	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	22,38	107,1	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	13,96	107,1	0,00	83,70	-	-	0,00	0,00	-
23	4.637	4.639	13,10	107,1	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	15,28	107,1	0,00	82,73	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
25	3.184	3.186	17,68	107,1	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	17,80	107,1	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	15,56	107,1	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	15,06	107,1	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	17,21	107,1	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	16,01	107,1	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	14,64	107,1	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	20,25	107,1	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	20,67	107,1	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	19,73	107,1	0,00	79,68	-	-	0,00	0,00	-
35	3.117	3.119	17,95	107,1	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	15,84	107,1	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	24,09	107,1	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	24,57	107,1	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	23,16	107,1	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	20,78	107,1	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	17,54	107,1	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	18,41	107,1	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	20,33	107,1	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	14,91	107,1	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	16,72	107,1	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	18,59	107,1	0,00	80,45	-	-	0,00	0,00	-
Somme			38,27								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,72	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,18	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,63	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,07	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,77	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	18,95	106,8	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	13,72	104,4	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	9,98	104,4	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	10,81	104,4	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	11,60	104,4	0,00	83,64	-	-	0,00	0,00	-
11	3.997	3.997	12,44	104,4	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	10,82	104,4	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	11,78	104,4	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	12,73	104,4	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	25,95	107,3	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	27,96	107,3	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	30,16	107,3	0,00	72,34	-	-	0,00	0,00	-
18	948	954	32,45	107,3	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	27,40	107,3	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	23,61	107,3	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	22,53	107,3	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	14,11	107,3	0,00	83,70	-	-	0,00	0,00	-
23	4.637	4.639	13,25	107,3	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	15,43	107,3	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	17,83	107,3	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	17,95	107,3	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	15,71	107,3	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	15,21	107,3	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	17,36	107,3	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	16,16	107,3	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	14,79	107,3	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	20,40	107,3	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	20,82	107,3	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	19,88	107,3	0,00	79,68	-	-	0,00	0,00	-
35	3.117	3.119	18,10	107,3	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	15,99	107,3	0,00	82,32	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
37	1.916	1.920	24,24	107,3	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	24,72	107,3	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	23,31	107,3	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	20,93	107,3	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	17,69	107,3	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	18,56	107,3	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	20,48	107,3	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	15,06	107,3	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	16,87	107,3	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	18,74	107,3	0,00	80,45	-	-	0,00	0,00	-
Somme			38,61								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,88	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,33	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,79	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,20	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,96	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,03	106,8	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	13,72	104,4	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	9,98	104,4	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	10,81	104,4	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	11,60	104,4	0,00	83,64	-	-	0,00	0,00	-
11	3.997	3.997	12,44	104,4	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	10,82	104,4	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	11,78	104,4	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	12,73	104,4	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	25,95	107,3	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	27,96	107,3	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	30,16	107,3	0,00	72,34	-	-	0,00	0,00	-
18	948	954	32,45	107,3	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	27,40	107,3	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	23,61	107,3	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	22,53	107,3	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	14,11	107,3	0,00	83,70	-	-	0,00	0,00	-
23	4.637	4.639	13,25	107,3	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	15,43	107,3	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	17,83	107,3	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	17,95	107,3	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	15,71	107,3	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	15,21	107,3	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	17,36	107,3	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	16,16	107,3	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	14,79	107,3	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	20,40	107,3	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	20,82	107,3	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	19,88	107,3	0,00	79,68	-	-	0,00	0,00	-
35	3.117	3.119	18,10	107,3	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	15,99	107,3	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	24,24	107,3	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	24,72	107,3	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	23,31	107,3	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	20,93	107,3	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	17,69	107,3	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	18,56	107,3	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	20,48	107,3	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	15,06	107,3	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	16,87	107,3	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	18,74	107,3	0,00	80,45	-	-	0,00	0,00	-
Somme			38,61								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglémenté: C PF1 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	9,80	101,2	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	10,25	101,2	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	9,71	101,2	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	11,14	101,2	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	7,85	101,2	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	14,00	101,2	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	4,27	94,9	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	0,53	94,9	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	1,36	94,9	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	2,15	94,9	0,00	83,64	-	-	0,00	0,00	-
11	3.997	3.997	2,99	94,9	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	1,37	94,9	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	2,33	94,9	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	3,28	94,9	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	13,76	95,1	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	15,77	95,1	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	17,97	95,1	0,00	72,34	-	-	0,00	0,00	-
18	948	954	20,26	95,1	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	15,21	95,1	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	11,42	95,1	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	11,01	95,8	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	2,60	95,8	0,00	83,70	-	-	0,00	0,00	-
23	4.637	4.639	1,73	95,8	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	3,92	95,8	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	6,31	95,8	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	6,43	95,8	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	4,20	95,8	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	3,69	95,8	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	5,85	95,8	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	4,64	95,8	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	3,28	95,8	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	8,88	95,8	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	9,31	95,8	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	8,37	95,8	0,00	79,68	-	-	0,00	0,00	-
35	3.117	3.119	6,59	95,8	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	4,48	95,8	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	12,72	95,8	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	13,21	95,8	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	11,80	95,8	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	9,41	95,8	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	6,18	95,8	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	7,05	95,8	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	8,97	95,8	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	3,55	95,8	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	5,36	95,8	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	7,23	95,8	0,00	80,45	-	-	0,00	0,00	-
Somme			27,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,03	105,9	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	14,49	105,9	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	13,94	105,9	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	15,39	105,9	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,05	105,9	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	18,29	105,9	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	8,66	99,3	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	4,91	99,3	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	5,75	99,3	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	6,54	99,3	0,00	83,64	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
11	3.997	3.997	7,37	99,3	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	5,75	99,3	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	6,72	99,3	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	7,66	99,3	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	18,29	99,6	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	20,30	99,6	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	22,50	99,6	0,00	72,34	-	-	0,00	0,00	-
18	948	954	24,79	99,6	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	19,74	99,6	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	15,95	99,6	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	15,70	100,5	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	7,28	100,5	0,00	83,70	-	-	0,00	0,00	-
23	4.637	4.639	6,42	100,5	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	8,61	100,5	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	11,00	100,5	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	11,12	100,5	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	8,88	100,5	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	8,38	100,5	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	10,53	100,5	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	9,33	100,5	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	7,96	100,5	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	13,57	100,5	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	13,99	100,5	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	13,06	100,5	0,00	79,68	-	-	0,00	0,00	-
35	3.117	3.119	11,28	100,5	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	9,17	100,5	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	17,41	100,5	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	17,90	100,5	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	16,49	100,5	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	14,10	100,5	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	10,87	100,5	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	11,74	100,5	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	13,66	100,5	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	8,24	100,5	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	10,05	100,5	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	11,92	100,5	0,00	80,45	-	-	0,00	0,00	-
Somme			31,77								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,96	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,42	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,87	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,32	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,97	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,23	106,8	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	12,42	103,1	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	8,67	103,1	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	9,51	103,1	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	10,30	103,1	0,00	83,64	-	-	0,00	0,00	-
11	3.997	3.997	11,13	103,1	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	9,51	103,1	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	10,48	103,1	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	11,43	103,1	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	22,36	103,7	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	24,38	103,7	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	26,57	103,7	0,00	72,34	-	-	0,00	0,00	-
18	948	954	28,86	103,7	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	23,81	103,7	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	20,02	103,7	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	19,85	104,6	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	11,43	104,6	0,00	83,70	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
23	4.637	4.639	10,57	104,6	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	12,75	104,6	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	15,15	104,6	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	15,26	104,6	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	13,03	104,6	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	12,53	104,6	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	14,68	104,6	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	13,47	104,6	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	12,11	104,6	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	17,71	104,6	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	18,14	104,6	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	17,20	104,6	0,00	79,68	-	-	0,00	0,00	-
35	3.117	3.119	15,42	104,6	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	13,31	104,6	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	21,56	104,6	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	22,04	104,6	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	20,63	104,6	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	18,25	104,6	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	15,01	104,6	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	15,88	104,6	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	17,80	104,6	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	12,38	104,6	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	14,19	104,6	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	16,06	104,6	0,00	80,45	-	-	0,00	0,00	-
Somme			35,55								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,85	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,31	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,76	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,21	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,87	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,12	106,8	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	13,69	104,4	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	9,95	104,4	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	10,78	104,4	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	11,58	104,4	0,00	83,64	-	-	0,00	0,00	-
11	3.997	3.997	12,41	104,4	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	10,79	104,4	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	11,76	104,4	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	12,70	104,4	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	25,48	106,8	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	27,49	106,8	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	29,69	106,8	0,00	72,34	-	-	0,00	0,00	-
18	948	954	31,98	106,8	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	26,93	106,8	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	23,14	106,8	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	22,38	107,1	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	13,96	107,1	0,00	83,70	-	-	0,00	0,00	-
23	4.637	4.639	13,10	107,1	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	15,28	107,1	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	17,68	107,1	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	17,80	107,1	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	15,56	107,1	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	15,06	107,1	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	17,21	107,1	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	16,01	107,1	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	14,64	107,1	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	20,25	107,1	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	20,67	107,1	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	19,73	107,1	0,00	79,68	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	3.117	3.119	17,95	107,1	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	15,84	107,1	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	24,09	107,1	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	24,57	107,1	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	23,16	107,1	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	20,78	107,1	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	17,54	107,1	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	18,41	107,1	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	20,33	107,1	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	14,91	107,1	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	16,72	107,1	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	18,59	107,1	0,00	80,45	-	-	0,00	0,00	-
Somme			38,27								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,72	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,18	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,63	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,07	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,77	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	18,95	106,8	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	13,72	104,4	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	9,98	104,4	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	10,81	104,4	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	11,60	104,4	0,00	83,64	-	-	0,00	0,00	-
11	3.997	3.997	12,44	104,4	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	10,82	104,4	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	11,78	104,4	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	12,73	104,4	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	25,95	107,3	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	27,96	107,3	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	30,16	107,3	0,00	72,34	-	-	0,00	0,00	-
18	948	954	32,45	107,3	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	27,40	107,3	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	23,61	107,3	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	22,53	107,3	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	14,11	107,3	0,00	83,70	-	-	0,00	0,00	-
23	4.637	4.639	13,25	107,3	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	15,43	107,3	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	17,83	107,3	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	17,95	107,3	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	15,71	107,3	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	15,21	107,3	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	17,36	107,3	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	16,16	107,3	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	14,79	107,3	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	20,40	107,3	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	20,82	107,3	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	19,88	107,3	0,00	79,68	-	-	0,00	0,00	-
35	3.117	3.119	18,10	107,3	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	15,99	107,3	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	24,24	107,3	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	24,72	107,3	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	23,31	107,3	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	20,93	107,3	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	17,69	107,3	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	18,56	107,3	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	20,48	107,3	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	15,06	107,3	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	16,87	107,3	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	18,74	107,3	0,00	80,45	-	-	0,00	0,00	-
Somme			38,61								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,88	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,33	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,79	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,20	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,96	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,03	106,8	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	13,72	104,4	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	9,98	104,4	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	10,81	104,4	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	11,60	104,4	0,00	83,64	-	-	0,00	0,00	-
11	3.997	3.997	12,44	104,4	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	10,82	104,4	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	11,78	104,4	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	12,73	104,4	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	25,95	107,3	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	27,96	107,3	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	30,16	107,3	0,00	72,34	-	-	0,00	0,00	-
18	948	954	32,45	107,3	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	27,40	107,3	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	23,61	107,3	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	22,53	107,3	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	14,11	107,3	0,00	83,70	-	-	0,00	0,00	-
23	4.637	4.639	13,25	107,3	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	15,43	107,3	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	17,83	107,3	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	17,95	107,3	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	15,71	107,3	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	15,21	107,3	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	17,36	107,3	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	16,16	107,3	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	14,79	107,3	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	20,40	107,3	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	20,82	107,3	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	19,88	107,3	0,00	79,68	-	-	0,00	0,00	-
35	3.117	3.119	18,10	107,3	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	15,99	107,3	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	24,24	107,3	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	24,72	107,3	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	23,31	107,3	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	20,93	107,3	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	17,69	107,3	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	18,56	107,3	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	20,48	107,3	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	15,06	107,3	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	16,87	107,3	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	18,74	107,3	0,00	80,45	-	-	0,00	0,00	-
Somme			38,61								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: D PF2 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	11,84	101,2	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	9,79	101,2	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	7,51	101,2	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	14,15	101,2	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	15,75	101,2	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	13,23	101,2	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	-3,49	94,9	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	-5,99	94,9	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	-5,35	94,9	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	-4,68	94,9	0,00	88,59	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
11	7.075	7.076	-3,87	94,9	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	-5,72	94,9	0,00	89,36	-	-	0,00	0,00	-
13	7.817	7.818	-5,04	94,9	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	-4,34	94,9	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	6,23	95,1	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	4,97	95,1	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	3,71	95,1	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	2,37	95,1	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	-1,28	95,1	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	-2,35	95,1	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	3,89	95,8	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	1,20	95,8	0,00	84,72	-	-	0,00	0,00	-
23	5.375	5.377	-0,02	95,8	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	-3,89	95,8	0,00	88,46	-	-	0,00	0,00	-
25	6.879	6.880	-2,93	95,8	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	-2,28	95,8	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	-3,23	95,8	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	-2,56	95,8	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	-1,47	95,8	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	-0,87	95,8	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	-0,29	95,8	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	-2,10	95,8	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	-1,25	95,8	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	-0,20	95,8	0,00	85,74	-	-	0,00	0,00	-
35	5.149	5.151	0,49	95,8	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	1,01	95,8	0,00	84,86	-	-	0,00	0,00	-
37	5.898	5.899	-1,12	95,8	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	-0,13	95,8	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	0,91	95,8	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	1,84	95,8	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	2,64	95,8	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	4,41	95,8	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	6,29	95,8	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	4,42	95,8	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	6,72	95,8	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	9,13	95,8	0,00	79,16	-	-	0,00	0,00	-
Somme			22,40								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,10	105,9	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,01	105,9	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	11,71	105,9	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	18,44	105,9	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,07	105,9	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	17,51	105,9	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	0,90	99,3	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	-1,60	99,3	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	-0,96	99,3	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	-0,29	99,3	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	0,52	99,3	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	-1,33	99,3	0,00	89,36	-	-	0,00	0,00	-
13	7.817	7.818	-0,66	99,3	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	0,05	99,3	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	10,76	99,6	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	9,50	99,6	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	8,24	99,6	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	6,90	99,6	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	3,25	99,6	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	2,18	99,6	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	8,57	100,5	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	5,89	100,5	0,00	84,72	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
23	5.375	5.377	4,67	100,5	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	0,80	100,5	0,00	88,46	-	-	0,00	0,00	-
25	6.879	6.880	1,76	100,5	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	2,40	100,5	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	1,46	100,5	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	2,13	100,5	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	3,22	100,5	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	3,82	100,5	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	4,40	100,5	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	2,58	100,5	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	3,44	100,5	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	4,48	100,5	0,00	85,74	-	-	0,00	0,00	-
35	5.149	5.151	5,18	100,5	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	5,70	100,5	0,00	84,86	-	-	0,00	0,00	-
37	5.898	5.899	3,57	100,5	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	4,56	100,5	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	5,60	100,5	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	6,53	100,5	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	7,33	100,5	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	9,10	100,5	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	10,98	100,5	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	9,11	100,5	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	11,41	100,5	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	13,82	100,5	0,00	79,16	-	-	0,00	0,00	-
Somme			26,81								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	17,04	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,95	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,63	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,39	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	21,02	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,45	106,8	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	4,66	103,1	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	2,16	103,1	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	2,80	103,1	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	3,47	103,1	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	4,28	103,1	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	2,43	103,1	0,00	89,36	-	-	0,00	0,00	-
13	7.817	7.818	3,10	103,1	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	3,81	103,1	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	14,83	103,7	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	13,58	103,7	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	12,31	103,7	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	10,97	103,7	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	7,33	103,7	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	6,25	103,7	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	12,72	104,6	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	10,04	104,6	0,00	84,72	-	-	0,00	0,00	-
23	5.375	5.377	8,81	104,6	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	4,94	104,6	0,00	88,46	-	-	0,00	0,00	-
25	6.879	6.880	5,90	104,6	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	6,55	104,6	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	5,60	104,6	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	6,28	104,6	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	7,36	104,6	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	7,96	104,6	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	8,55	104,6	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	6,73	104,6	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	7,58	104,6	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	8,63	104,6	0,00	85,74	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	5.149	5.151	9,32	104,6	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	9,84	104,6	0,00	84,86	-	-	0,00	0,00	-
37	5.898	5.899	7,71	104,6	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	8,70	104,6	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	9,74	104,6	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	10,68	104,6	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	11,48	104,6	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	13,24	104,6	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	15,12	104,6	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	13,25	104,6	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	15,55	104,6	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	17,96	104,6	0,00	79,16	-	-	0,00	0,00	-
Somme			29,17								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,92	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,84	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,53	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,27	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,90	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,33	106,8	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	5,93	104,4	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	3,43	104,4	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	4,08	104,4	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	4,74	104,4	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	5,56	104,4	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	3,70	104,4	0,00	89,36	-	-	0,00	0,00	-
13	7.817	7.818	4,38	104,4	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	5,08	104,4	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	17,95	106,8	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	16,69	106,8	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	15,43	106,8	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	14,09	106,8	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	10,44	106,8	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	9,37	106,8	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	15,25	107,1	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	12,57	107,1	0,00	84,72	-	-	0,00	0,00	-
23	5.375	5.377	11,34	107,1	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	7,48	107,1	0,00	88,46	-	-	0,00	0,00	-
25	6.879	6.880	8,43	107,1	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	9,08	107,1	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	8,13	107,1	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	8,81	107,1	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	9,89	107,1	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	10,49	107,1	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	11,08	107,1	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	9,26	107,1	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	10,11	107,1	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	11,16	107,1	0,00	85,74	-	-	0,00	0,00	-
35	5.149	5.151	11,85	107,1	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	12,37	107,1	0,00	84,86	-	-	0,00	0,00	-
37	5.898	5.899	10,24	107,1	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	11,24	107,1	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	12,28	107,1	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	13,21	107,1	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	14,01	107,1	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	15,77	107,1	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	17,66	107,1	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	15,78	107,1	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	18,08	107,1	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	20,49	107,1	0,00	79,16	-	-	0,00	0,00	-
Somme			30,72								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,77	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,71	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,44	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,10	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,72	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,17	106,8	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	5,96	104,4	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	3,46	104,4	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	4,11	104,4	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	4,77	104,4	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	5,58	104,4	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	3,73	104,4	0,00	89,36	-	-	0,00	0,00	-
13	7.817	7.818	4,41	104,4	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	5,11	104,4	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	18,42	107,3	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	17,16	107,3	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	15,90	107,3	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	14,56	107,3	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	10,91	107,3	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	9,84	107,3	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	15,40	107,3	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	12,72	107,3	0,00	84,72	-	-	0,00	0,00	-
23	5.375	5.377	11,49	107,3	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	7,63	107,3	0,00	88,46	-	-	0,00	0,00	-
25	6.879	6.880	8,58	107,3	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	9,23	107,3	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	8,28	107,3	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	8,96	107,3	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	10,04	107,3	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	10,64	107,3	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	11,23	107,3	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	9,41	107,3	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	10,26	107,3	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	11,31	107,3	0,00	85,74	-	-	0,00	0,00	-
35	5.149	5.151	12,00	107,3	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	12,52	107,3	0,00	84,86	-	-	0,00	0,00	-
37	5.898	5.899	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	11,39	107,3	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	12,43	107,3	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	13,36	107,3	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	14,16	107,3	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	15,92	107,3	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	17,81	107,3	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	15,93	107,3	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	18,23	107,3	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	20,64	107,3	0,00	79,16	-	-	0,00	0,00	-
Somme			30,83								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,89	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,87	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,64	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,18	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,78	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,26	106,8	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	5,96	104,4	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	3,46	104,4	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	4,11	104,4	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	4,77	104,4	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	5,58	104,4	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	3,73	104,4	0,00	89,36	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
13	7.817	7.818	4,41	104,4	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	5,11	104,4	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	18,42	107,3	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	17,16	107,3	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	15,90	107,3	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	14,56	107,3	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	10,91	107,3	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	9,84	107,3	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	15,40	107,3	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	12,72	107,3	0,00	84,72	-	-	0,00	0,00	-
23	5.375	5.377	11,49	107,3	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	7,63	107,3	0,00	88,46	-	-	0,00	0,00	-
25	6.879	6.880	8,58	107,3	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	9,23	107,3	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	8,28	107,3	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	8,96	107,3	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	10,04	107,3	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	10,64	107,3	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	11,23	107,3	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	9,41	107,3	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	10,26	107,3	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	11,31	107,3	0,00	85,74	-	-	0,00	0,00	-
35	5.149	5.151	12,00	107,3	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	12,52	107,3	0,00	84,86	-	-	0,00	0,00	-
37	5.898	5.899	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	11,39	107,3	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	12,43	107,3	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	13,36	107,3	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	14,16	107,3	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	15,92	107,3	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	17,81	107,3	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	15,93	107,3	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	18,23	107,3	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	20,64	107,3	0,00	79,16	-	-	0,00	0,00	-
Somme			30,86								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: E PF2 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	11,84	101,2	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	9,79	101,2	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	7,51	101,2	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	14,15	101,2	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	15,75	101,2	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	13,23	101,2	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	-3,49	94,9	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	-5,99	94,9	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	-5,35	94,9	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	-4,68	94,9	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	-3,87	94,9	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	-5,72	94,9	0,00	89,36	-	-	0,00	0,00	-
13	7.817	7.818	-5,04	94,9	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	-4,34	94,9	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	6,23	95,1	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	4,97	95,1	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	3,71	95,1	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	2,37	95,1	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	-1,28	95,1	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	-2,35	95,1	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	3,89	95,8	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	1,20	95,8	0,00	84,72	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
23	5.375	5.377	-0,02	95,8	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	-3,89	95,8	0,00	88,46	-	-	0,00	0,00	-
25	6.879	6.880	-2,93	95,8	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	-2,28	95,8	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	-3,23	95,8	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	-2,56	95,8	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	-1,47	95,8	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	-0,87	95,8	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	-0,29	95,8	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	-2,10	95,8	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	-1,25	95,8	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	-0,20	95,8	0,00	85,74	-	-	0,00	0,00	-
35	5.149	5.151	0,49	95,8	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	1,01	95,8	0,00	84,86	-	-	0,00	0,00	-
37	5.898	5.899	-1,12	95,8	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	-0,13	95,8	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	0,91	95,8	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	1,84	95,8	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	2,64	95,8	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	4,41	95,8	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	6,29	95,8	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	4,42	95,8	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	6,72	95,8	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	9,13	95,8	0,00	79,16	-	-	0,00	0,00	-
Somme			22,40								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,10	105,9	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,01	105,9	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	11,71	105,9	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	18,44	105,9	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,07	105,9	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	17,51	105,9	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	0,90	99,3	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	-1,60	99,3	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	-0,96	99,3	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	-0,29	99,3	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	0,52	99,3	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	-1,33	99,3	0,00	89,36	-	-	0,00	0,00	-
13	7.817	7.818	-0,66	99,3	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	0,05	99,3	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	10,76	99,6	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	9,50	99,6	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	8,24	99,6	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	6,90	99,6	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	3,25	99,6	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	2,18	99,6	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	8,57	100,5	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	5,89	100,5	0,00	84,72	-	-	0,00	0,00	-
23	5.375	5.377	4,67	100,5	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	0,80	100,5	0,00	88,46	-	-	0,00	0,00	-
25	6.879	6.880	1,76	100,5	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	2,40	100,5	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	1,46	100,5	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	2,13	100,5	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	3,22	100,5	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	3,82	100,5	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	4,40	100,5	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	2,58	100,5	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	3,44	100,5	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	4,48	100,5	0,00	85,74	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	5.149	5.151	5,18	100,5	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	5,70	100,5	0,00	84,86	-	-	0,00	0,00	-
37	5.898	5.899	3,57	100,5	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	4,56	100,5	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	5,60	100,5	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	6,53	100,5	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	7,33	100,5	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	9,10	100,5	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	10,98	100,5	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	9,11	100,5	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	11,41	100,5	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	13,82	100,5	0,00	79,16	-	-	0,00	0,00	-
Somme			26,81								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	17,04	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,95	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,63	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,39	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	21,02	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,45	106,8	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	4,66	103,1	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	2,16	103,1	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	2,80	103,1	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	3,47	103,1	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	4,28	103,1	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	2,43	103,1	0,00	89,36	-	-	0,00	0,00	-
13	7.817	7.818	3,10	103,1	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	3,81	103,1	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	14,83	103,7	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	13,58	103,7	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	12,31	103,7	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	10,97	103,7	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	7,33	103,7	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	6,25	103,7	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	12,72	104,6	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	10,04	104,6	0,00	84,72	-	-	0,00	0,00	-
23	5.375	5.377	8,81	104,6	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	4,94	104,6	0,00	88,46	-	-	0,00	0,00	-
25	6.879	6.880	5,90	104,6	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	6,55	104,6	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	5,60	104,6	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	6,28	104,6	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	7,36	104,6	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	7,96	104,6	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	8,55	104,6	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	6,73	104,6	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	7,58	104,6	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	8,63	104,6	0,00	85,74	-	-	0,00	0,00	-
35	5.149	5.151	9,32	104,6	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	9,84	104,6	0,00	84,86	-	-	0,00	0,00	-
37	5.898	5.899	7,71	104,6	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	8,70	104,6	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	9,74	104,6	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	10,68	104,6	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	11,48	104,6	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	13,24	104,6	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	15,12	104,6	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	13,25	104,6	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	15,55	104,6	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	17,96	104,6	0,00	79,16	-	-	0,00	0,00	-
Somme			29,17								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,92	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,84	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,53	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,27	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,90	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,33	106,8	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	5,93	104,4	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	3,43	104,4	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	4,08	104,4	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	4,74	104,4	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	5,56	104,4	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	3,70	104,4	0,00	89,36	-	-	0,00	0,00	-
13	7.817	7.818	4,38	104,4	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	5,08	104,4	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	17,95	106,8	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	16,69	106,8	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	15,43	106,8	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	14,09	106,8	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	10,44	106,8	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	9,37	106,8	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	15,25	107,1	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	12,57	107,1	0,00	84,72	-	-	0,00	0,00	-
23	5.375	5.377	11,34	107,1	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	7,48	107,1	0,00	88,46	-	-	0,00	0,00	-
25	6.879	6.880	8,43	107,1	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	9,08	107,1	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	8,13	107,1	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	8,81	107,1	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	9,89	107,1	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	10,49	107,1	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	11,08	107,1	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	9,26	107,1	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	10,11	107,1	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	11,16	107,1	0,00	85,74	-	-	0,00	0,00	-
35	5.149	5.151	11,85	107,1	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	12,37	107,1	0,00	84,86	-	-	0,00	0,00	-
37	5.898	5.899	10,24	107,1	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	11,24	107,1	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	12,28	107,1	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	13,21	107,1	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	14,01	107,1	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	15,77	107,1	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	17,66	107,1	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	15,78	107,1	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	18,08	107,1	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	20,49	107,1	0,00	79,16	-	-	0,00	0,00	-
Somme			30,72								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,77	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,71	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,44	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,10	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,72	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,17	106,8	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	5,96	104,4	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	3,46	104,4	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	4,11	104,4	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	4,77	104,4	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	5,58	104,4	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	3,73	104,4	0,00	89,36	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
13	7.817	7.818	4,41	104,4	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	5,11	104,4	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	18,42	107,3	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	17,16	107,3	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	15,90	107,3	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	14,56	107,3	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	10,91	107,3	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	9,84	107,3	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	15,40	107,3	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	12,72	107,3	0,00	84,72	-	-	0,00	0,00	-
23	5.375	5.377	11,49	107,3	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	7,63	107,3	0,00	88,46	-	-	0,00	0,00	-
25	6.879	6.880	8,58	107,3	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	9,23	107,3	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	8,28	107,3	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	8,96	107,3	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	10,04	107,3	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	10,64	107,3	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	11,23	107,3	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	9,41	107,3	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	10,26	107,3	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	11,31	107,3	0,00	85,74	-	-	0,00	0,00	-
35	5.149	5.151	12,00	107,3	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	12,52	107,3	0,00	84,86	-	-	0,00	0,00	-
37	5.898	5.899	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	11,39	107,3	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	12,43	107,3	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	13,36	107,3	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	14,16	107,3	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	15,92	107,3	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	17,81	107,3	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	15,93	107,3	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	18,23	107,3	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	20,64	107,3	0,00	79,16	-	-	0,00	0,00	-
Somme			30,83								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,89	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,87	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,64	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,18	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,78	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,26	106,8	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	5,96	104,4	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	3,46	104,4	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	4,11	104,4	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	4,77	104,4	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	5,58	104,4	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	3,73	104,4	0,00	89,36	-	-	0,00	0,00	-
13	7.817	7.818	4,41	104,4	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	5,11	104,4	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	18,42	107,3	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	17,16	107,3	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	15,90	107,3	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	14,56	107,3	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	10,91	107,3	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	9,84	107,3	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	15,40	107,3	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	12,72	107,3	0,00	84,72	-	-	0,00	0,00	-
23	5.375	5.377	11,49	107,3	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	7,63	107,3	0,00	88,46	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
25	6.879	6.880	8,58	107,3	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	9,23	107,3	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	8,28	107,3	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	8,96	107,3	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	10,04	107,3	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	10,64	107,3	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	11,23	107,3	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	9,41	107,3	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	10,26	107,3	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	11,31	107,3	0,00	85,74	-	-	0,00	0,00	-
35	5.149	5.151	12,00	107,3	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	12,52	107,3	0,00	84,86	-	-	0,00	0,00	-
37	5.898	5.899	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	11,39	107,3	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	12,43	107,3	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	13,36	107,3	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	14,16	107,3	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	15,92	107,3	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	17,81	107,3	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	15,93	107,3	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	18,23	107,3	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	20,64	107,3	0,00	79,16	-	-	0,00	0,00	-
Somme			30,86								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: F PF2 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	11,84	101,2	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	9,79	101,2	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	7,51	101,2	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	14,15	101,2	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	15,75	101,2	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	13,23	101,2	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	-3,49	94,9	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	-5,99	94,9	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	-5,35	94,9	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	-4,68	94,9	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	-3,87	94,9	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	-5,72	94,9	0,00	89,36	-	-	0,00	0,00	-
13	7.817	7.818	-5,04	94,9	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	-4,34	94,9	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	6,23	95,1	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	4,97	95,1	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	3,71	95,1	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	2,37	95,1	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	-1,28	95,1	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	-2,35	95,1	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	3,89	95,8	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	1,20	95,8	0,00	84,72	-	-	0,00	0,00	-
23	5.375	5.377	-0,02	95,8	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	-3,89	95,8	0,00	88,46	-	-	0,00	0,00	-
25	6.879	6.880	-2,93	95,8	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	-2,28	95,8	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	-3,23	95,8	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	-2,56	95,8	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	-1,47	95,8	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	-0,87	95,8	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	-0,29	95,8	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	-2,10	95,8	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	-1,25	95,8	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	-0,20	95,8	0,00	85,74	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	5.149	5.151	0,49	95,8	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	1,01	95,8	0,00	84,86	-	-	0,00	0,00	-
37	5.898	5.899	-1,12	95,8	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	-0,13	95,8	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	0,91	95,8	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	1,84	95,8	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	2,64	95,8	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	4,41	95,8	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	6,29	95,8	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	4,42	95,8	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	6,72	95,8	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	9,13	95,8	0,00	79,16	-	-	0,00	0,00	-
Somme			22,40								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,10	105,9	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,01	105,9	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	11,71	105,9	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	18,44	105,9	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,07	105,9	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	17,51	105,9	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	0,90	99,3	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	-1,60	99,3	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	-0,96	99,3	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	-0,29	99,3	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	0,52	99,3	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	-1,33	99,3	0,00	89,36	-	-	0,00	0,00	-
13	7.817	7.818	-0,66	99,3	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	0,05	99,3	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	10,76	99,6	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	9,50	99,6	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	8,24	99,6	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	6,90	99,6	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	3,25	99,6	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	2,18	99,6	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	8,57	100,5	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	5,89	100,5	0,00	84,72	-	-	0,00	0,00	-
23	5.375	5.377	4,67	100,5	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	0,80	100,5	0,00	88,46	-	-	0,00	0,00	-
25	6.879	6.880	1,76	100,5	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	2,40	100,5	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	1,46	100,5	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	2,13	100,5	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	3,22	100,5	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	3,82	100,5	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	4,40	100,5	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	2,58	100,5	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	3,44	100,5	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	4,48	100,5	0,00	85,74	-	-	0,00	0,00	-
35	5.149	5.151	5,18	100,5	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	5,70	100,5	0,00	84,86	-	-	0,00	0,00	-
37	5.898	5.899	3,57	100,5	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	4,56	100,5	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	5,60	100,5	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	6,53	100,5	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	7,33	100,5	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	9,10	100,5	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	10,98	100,5	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	9,11	100,5	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	11,41	100,5	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	13,82	100,5	0,00	79,16	-	-	0,00	0,00	-
Somme			26,81								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	17,04	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,95	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,63	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,39	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	21,02	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,45	106,8	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	4,66	103,1	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	2,16	103,1	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	2,80	103,1	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	3,47	103,1	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	4,28	103,1	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	2,43	103,1	0,00	89,36	-	-	0,00	0,00	-
13	7.817	7.818	3,10	103,1	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	3,81	103,1	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	14,83	103,7	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	13,58	103,7	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	12,31	103,7	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	10,97	103,7	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	7,33	103,7	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	6,25	103,7	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	12,72	104,6	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	10,04	104,6	0,00	84,72	-	-	0,00	0,00	-
23	5.375	5.377	8,81	104,6	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	4,94	104,6	0,00	88,46	-	-	0,00	0,00	-
25	6.879	6.880	5,90	104,6	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	6,55	104,6	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	5,60	104,6	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	6,28	104,6	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	7,36	104,6	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	7,96	104,6	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	8,55	104,6	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	6,73	104,6	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	7,58	104,6	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	8,63	104,6	0,00	85,74	-	-	0,00	0,00	-
35	5.149	5.151	9,32	104,6	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	9,84	104,6	0,00	84,86	-	-	0,00	0,00	-
37	5.898	5.899	7,71	104,6	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	8,70	104,6	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	9,74	104,6	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	10,68	104,6	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	11,48	104,6	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	13,24	104,6	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	15,12	104,6	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	13,25	104,6	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	15,55	104,6	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	17,96	104,6	0,00	79,16	-	-	0,00	0,00	-
Somme			29,17								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,92	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,84	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,53	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,27	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,90	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,33	106,8	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	5,93	104,4	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	3,43	104,4	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	4,08	104,4	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	4,74	104,4	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	5,56	104,4	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	3,70	104,4	0,00	89,36	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
13	7.817	7.818	4,38	104,4	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	5,08	104,4	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	17,95	106,8	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	16,69	106,8	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	15,43	106,8	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	14,09	106,8	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	10,44	106,8	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	9,37	106,8	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	15,25	107,1	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	12,57	107,1	0,00	84,72	-	-	0,00	0,00	-
23	5.375	5.377	11,34	107,1	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	7,48	107,1	0,00	88,46	-	-	0,00	0,00	-
25	6.879	6.880	8,43	107,1	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	9,08	107,1	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	8,13	107,1	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	8,81	107,1	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	9,89	107,1	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	10,49	107,1	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	11,08	107,1	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	9,26	107,1	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	10,11	107,1	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	11,16	107,1	0,00	85,74	-	-	0,00	0,00	-
35	5.149	5.151	11,85	107,1	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	12,37	107,1	0,00	84,86	-	-	0,00	0,00	-
37	5.898	5.899	10,24	107,1	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	11,24	107,1	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	12,28	107,1	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	13,21	107,1	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	14,01	107,1	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	15,77	107,1	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	17,66	107,1	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	15,78	107,1	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	18,08	107,1	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	20,49	107,1	0,00	79,16	-	-	0,00	0,00	-
Somme			30,72								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,77	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,71	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,44	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,10	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,72	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,17	106,8	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	5,96	104,4	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	3,46	104,4	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	4,11	104,4	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	4,77	104,4	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	5,58	104,4	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	3,73	104,4	0,00	89,36	-	-	0,00	0,00	-
13	7.817	7.818	4,41	104,4	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	5,11	104,4	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	18,42	107,3	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	17,16	107,3	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	15,90	107,3	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	14,56	107,3	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	10,91	107,3	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	9,84	107,3	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	15,40	107,3	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	12,72	107,3	0,00	84,72	-	-	0,00	0,00	-
23	5.375	5.377	11,49	107,3	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	7,63	107,3	0,00	88,46	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
25	6.879	6.880	8,58	107,3	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	9,23	107,3	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	8,28	107,3	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	8,96	107,3	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	10,04	107,3	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	10,64	107,3	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	11,23	107,3	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	9,41	107,3	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	10,26	107,3	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	11,31	107,3	0,00	85,74	-	-	0,00	0,00	-
35	5.149	5.151	12,00	107,3	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	12,52	107,3	0,00	84,86	-	-	0,00	0,00	-
37	5.898	5.899	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	11,39	107,3	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	12,43	107,3	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	13,36	107,3	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	14,16	107,3	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	15,92	107,3	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	17,81	107,3	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	15,93	107,3	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	18,23	107,3	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	20,64	107,3	0,00	79,16	-	-	0,00	0,00	-
Somme			30,83								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,89	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,87	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,64	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,18	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,78	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,26	106,8	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	5,96	104,4	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	3,46	104,4	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	4,11	104,4	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	4,77	104,4	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	5,58	104,4	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	3,73	104,4	0,00	89,36	-	-	0,00	0,00	-
13	7.817	7.818	4,41	104,4	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	5,11	104,4	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	18,42	107,3	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	17,16	107,3	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	15,90	107,3	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	14,56	107,3	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	10,91	107,3	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	9,84	107,3	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	15,40	107,3	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	12,72	107,3	0,00	84,72	-	-	0,00	0,00	-
23	5.375	5.377	11,49	107,3	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	7,63	107,3	0,00	88,46	-	-	0,00	0,00	-
25	6.879	6.880	8,58	107,3	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	9,23	107,3	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	8,28	107,3	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	8,96	107,3	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	10,04	107,3	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	10,64	107,3	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	11,23	107,3	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	9,41	107,3	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	10,26	107,3	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	11,31	107,3	0,00	85,74	-	-	0,00	0,00	-
35	5.149	5.151	12,00	107,3	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	12,52	107,3	0,00	84,86	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
37	5.898	5.899	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	11,39	107,3	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	12,43	107,3	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	13,36	107,3	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	14,16	107,3	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	15,92	107,3	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	17,81	107,3	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	15,93	107,3	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	18,23	107,3	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	20,64	107,3	0,00	79,16	-	-	0,00	0,00	-
Somme			30,86								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglementé: G PF2 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	11,84	101,2	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	9,79	101,2	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	7,51	101,2	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	14,15	101,2	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	15,75	101,2	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	13,23	101,2	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	-3,49	94,9	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	-5,99	94,9	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	-5,35	94,9	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	-4,68	94,9	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	-3,87	94,9	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	-5,72	94,9	0,00	89,36	-	-	0,00	0,00	-
13	7.817	7.818	-5,04	94,9	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	-4,34	94,9	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	6,23	95,1	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	4,97	95,1	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	3,71	95,1	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	2,37	95,1	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	-1,28	95,1	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	-2,35	95,1	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	3,89	95,8	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	1,20	95,8	0,00	84,72	-	-	0,00	0,00	-
23	5.375	5.377	-0,02	95,8	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	-3,89	95,8	0,00	88,46	-	-	0,00	0,00	-
25	6.879	6.880	-2,93	95,8	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	-2,28	95,8	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	-3,23	95,8	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	-2,56	95,8	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	-1,47	95,8	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	-0,87	95,8	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	-0,29	95,8	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	-2,10	95,8	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	-1,25	95,8	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	-0,20	95,8	0,00	85,74	-	-	0,00	0,00	-
35	5.149	5.151	0,49	95,8	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	1,01	95,8	0,00	84,86	-	-	0,00	0,00	-
37	5.898	5.899	-1,12	95,8	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	-0,13	95,8	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	0,91	95,8	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	1,84	95,8	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	2,64	95,8	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	4,41	95,8	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	6,29	95,8	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	4,42	95,8	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	6,72	95,8	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	9,13	95,8	0,00	79,16	-	-	0,00	0,00	-
Somme			22,40								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,10	105,9	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,01	105,9	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	11,71	105,9	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	18,44	105,9	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,07	105,9	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	17,51	105,9	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	0,90	99,3	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	-1,60	99,3	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	-0,96	99,3	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	-0,29	99,3	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	0,52	99,3	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	-1,33	99,3	0,00	89,36	-	-	0,00	0,00	-
13	7.817	7.818	-0,66	99,3	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	0,05	99,3	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	10,76	99,6	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	9,50	99,6	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	8,24	99,6	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	6,90	99,6	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	3,25	99,6	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	2,18	99,6	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	8,57	100,5	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	5,89	100,5	0,00	84,72	-	-	0,00	0,00	-
23	5.375	5.377	4,67	100,5	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	0,80	100,5	0,00	88,46	-	-	0,00	0,00	-
25	6.879	6.880	1,76	100,5	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	2,40	100,5	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	1,46	100,5	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	2,13	100,5	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	3,22	100,5	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	3,82	100,5	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	4,40	100,5	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	2,58	100,5	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	3,44	100,5	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	4,48	100,5	0,00	85,74	-	-	0,00	0,00	-
35	5.149	5.151	5,18	100,5	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	5,70	100,5	0,00	84,86	-	-	0,00	0,00	-
37	5.898	5.899	3,57	100,5	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	4,56	100,5	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	5,60	100,5	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	6,53	100,5	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	7,33	100,5	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	9,10	100,5	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	10,98	100,5	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	9,11	100,5	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	11,41	100,5	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	13,82	100,5	0,00	79,16	-	-	0,00	0,00	-
Somme			26,81								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	17,04	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,95	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,63	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,39	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	21,02	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,45	106,8	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	4,66	103,1	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	2,16	103,1	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	2,80	103,1	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	3,47	103,1	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	4,28	103,1	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	2,43	103,1	0,00	89,36	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
13	7.817	7.818	3,10	103,1	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	3,81	103,1	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	14,83	103,7	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	13,58	103,7	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	12,31	103,7	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	10,97	103,7	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	7,33	103,7	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	6,25	103,7	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	12,72	104,6	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	10,04	104,6	0,00	84,72	-	-	0,00	0,00	-
23	5.375	5.377	8,81	104,6	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	4,94	104,6	0,00	88,46	-	-	0,00	0,00	-
25	6.879	6.880	5,90	104,6	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	6,55	104,6	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	5,60	104,6	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	6,28	104,6	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	7,36	104,6	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	7,96	104,6	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	8,55	104,6	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	6,73	104,6	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	7,58	104,6	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	8,63	104,6	0,00	85,74	-	-	0,00	0,00	-
35	5.149	5.151	9,32	104,6	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	9,84	104,6	0,00	84,86	-	-	0,00	0,00	-
37	5.898	5.899	7,71	104,6	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	8,70	104,6	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	9,74	104,6	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	10,68	104,6	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	11,48	104,6	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	13,24	104,6	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	15,12	104,6	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	13,25	104,6	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	15,55	104,6	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	17,96	104,6	0,00	79,16	-	-	0,00	0,00	-
Somme			29,17								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,92	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,84	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,53	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,27	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,90	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,33	106,8	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	5,93	104,4	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	3,43	104,4	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	4,08	104,4	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	4,74	104,4	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	5,56	104,4	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	3,70	104,4	0,00	89,36	-	-	0,00	0,00	-
13	7.817	7.818	4,38	104,4	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	5,08	104,4	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	17,95	106,8	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	16,69	106,8	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	15,43	106,8	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	14,09	106,8	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	10,44	106,8	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	9,37	106,8	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	15,25	107,1	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	12,57	107,1	0,00	84,72	-	-	0,00	0,00	-
23	5.375	5.377	11,34	107,1	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	7,48	107,1	0,00	88,46	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
25	6.879	6.880	8,43	107,1	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	9,08	107,1	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	8,13	107,1	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	8,81	107,1	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	9,89	107,1	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	10,49	107,1	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	11,08	107,1	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	9,26	107,1	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	10,11	107,1	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	11,16	107,1	0,00	85,74	-	-	0,00	0,00	-
35	5.149	5.151	11,85	107,1	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	12,37	107,1	0,00	84,86	-	-	0,00	0,00	-
37	5.898	5.899	10,24	107,1	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	11,24	107,1	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	12,28	107,1	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	13,21	107,1	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	14,01	107,1	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	15,77	107,1	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	17,66	107,1	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	15,78	107,1	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	18,08	107,1	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	20,49	107,1	0,00	79,16	-	-	0,00	0,00	-
Somme			30,72								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,77	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,71	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,44	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,10	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,72	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,17	106,8	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	5,96	104,4	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	3,46	104,4	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	4,11	104,4	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	4,77	104,4	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	5,58	104,4	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	3,73	104,4	0,00	89,36	-	-	0,00	0,00	-
13	7.817	7.818	4,41	104,4	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	5,11	104,4	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	18,42	107,3	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	17,16	107,3	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	15,90	107,3	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	14,56	107,3	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	10,91	107,3	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	9,84	107,3	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	15,40	107,3	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	12,72	107,3	0,00	84,72	-	-	0,00	0,00	-
23	5.375	5.377	11,49	107,3	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	7,63	107,3	0,00	88,46	-	-	0,00	0,00	-
25	6.879	6.880	8,58	107,3	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	9,23	107,3	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	8,28	107,3	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	8,96	107,3	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	10,04	107,3	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	10,64	107,3	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	11,23	107,3	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	9,41	107,3	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	10,26	107,3	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	11,31	107,3	0,00	85,74	-	-	0,00	0,00	-
35	5.149	5.151	12,00	107,3	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	12,52	107,3	0,00	84,86	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
37	5.898	5.899	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	11,39	107,3	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	12,43	107,3	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	13,36	107,3	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	14,16	107,3	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	15,92	107,3	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	17,81	107,3	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	15,93	107,3	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	18,23	107,3	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	20,64	107,3	0,00	79,16	-	-	0,00	0,00	-
Somme			30,83								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.775	2.779	16,89	106,8	0,00	79,88	-	-	0,00	0,00	-
2	3.231	3.234	14,87	106,8	0,00	81,20	-	-	0,00	0,00	-
3	3.824	3.827	12,64	106,8	0,00	82,66	-	-	0,00	0,00	-
4	2.335	2.340	19,18	106,8	0,00	78,38	-	-	0,00	0,00	-
5	2.070	2.075	20,78	106,8	0,00	77,34	-	-	0,00	0,00	-
6	2.503	2.507	18,26	106,8	0,00	78,98	-	-	0,00	0,00	-
7	6.853	6.854	5,96	104,4	0,00	87,72	-	-	0,00	0,00	-
8	8.470	8.471	3,46	104,4	0,00	89,56	-	-	0,00	0,00	-
9	8.019	8.020	4,11	104,4	0,00	89,08	-	-	0,00	0,00	-
10	7.578	7.578	4,77	104,4	0,00	88,59	-	-	0,00	0,00	-
11	7.075	7.076	5,58	104,4	0,00	88,00	-	-	0,00	0,00	-
12	8.279	8.279	3,73	104,4	0,00	89,36	-	-	0,00	0,00	-
13	7.817	7.818	4,41	104,4	0,00	88,86	-	-	0,00	0,00	-
14	7.363	7.363	5,11	104,4	0,00	88,34	-	-	0,00	0,00	-
15	3.085	3.087	18,42	107,3	0,00	80,79	-	-	0,00	0,00	-
16	3.430	3.432	17,16	107,3	0,00	81,71	-	-	0,00	0,00	-
17	3.813	3.814	15,90	107,3	0,00	82,63	-	-	0,00	0,00	-
18	4.263	4.264	14,56	107,3	0,00	83,60	-	-	0,00	0,00	-
19	5.772	5.773	10,91	107,3	0,00	86,23	-	-	0,00	0,00	-
20	6.315	6.316	9,84	107,3	0,00	87,01	-	-	0,00	0,00	-
21	3.867	3.870	15,40	107,3	0,00	82,75	-	-	0,00	0,00	-
22	4.849	4.851	12,72	107,3	0,00	84,72	-	-	0,00	0,00	-
23	5.375	5.377	11,49	107,3	0,00	85,61	-	-	0,00	0,00	-
24	7.463	7.464	7,63	107,3	0,00	88,46	-	-	0,00	0,00	-
25	6.879	6.880	8,58	107,3	0,00	87,75	-	-	0,00	0,00	-
26	6.510	6.511	9,23	107,3	0,00	87,27	-	-	0,00	0,00	-
27	7.054	7.055	8,28	107,3	0,00	87,97	-	-	0,00	0,00	-
28	6.662	6.664	8,96	107,3	0,00	87,47	-	-	0,00	0,00	-
29	6.075	6.077	10,04	107,3	0,00	86,67	-	-	0,00	0,00	-
30	5.775	5.777	10,64	107,3	0,00	86,23	-	-	0,00	0,00	-
31	5.497	5.499	11,23	107,3	0,00	85,81	-	-	0,00	0,00	-
32	6.411	6.412	9,41	107,3	0,00	87,14	-	-	0,00	0,00	-
33	5.964	5.965	10,26	107,3	0,00	86,51	-	-	0,00	0,00	-
34	5.459	5.461	11,31	107,3	0,00	85,74	-	-	0,00	0,00	-
35	5.149	5.151	12,00	107,3	0,00	85,24	-	-	0,00	0,00	-
36	4.928	4.930	12,52	107,3	0,00	84,86	-	-	0,00	0,00	-
37	5.898	5.899	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
38	5.424	5.426	11,39	107,3	0,00	85,69	-	-	0,00	0,00	-
39	4.969	4.971	12,43	107,3	0,00	84,93	-	-	0,00	0,00	-
40	4.595	4.597	13,36	107,3	0,00	84,25	-	-	0,00	0,00	-
41	4.295	4.298	14,16	107,3	0,00	83,66	-	-	0,00	0,00	-
42	3.700	3.703	15,92	107,3	0,00	82,37	-	-	0,00	0,00	-
43	3.188	3.192	17,81	107,3	0,00	81,08	-	-	0,00	0,00	-
44	3.697	3.699	15,93	107,3	0,00	82,36	-	-	0,00	0,00	-
45	3.085	3.088	18,23	107,3	0,00	80,79	-	-	0,00	0,00	-
46	2.556	2.560	20,64	107,3	0,00	79,16	-	-	0,00	0,00	-
Somme			30,86								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglémenté: H PF3 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	15,18	101,2	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	14,14	101,2	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	13,12	101,2	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	12,95	101,2	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	16,90	101,2	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	10,29	101,2	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	-1,75	94,9	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	-4,55	94,9	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	-3,73	94,9	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	-2,84	94,9	0,00	87,25	-	-	0,00	0,00	-
11	5.910	5.911	-1,72	94,9	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	-4,55	94,9	0,00	88,50	-	-	0,00	0,00	-
13	6.995	6.995	-3,73	94,9	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	-2,85	94,9	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	-0,08	95,1	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	-0,56	95,1	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	-1,08	95,1	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	-1,63	95,1	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	-2,90	95,1	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	-3,54	95,1	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	-1,91	95,8	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	-4,59	95,8	0,00	88,98	-	-	0,00	0,00	-
23	8.437	8.438	-5,32	95,8	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	-6,35	95,8	0,00	90,30	-	-	0,00	0,00	-
25	8.561	8.562	-5,48	95,8	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	-5,32	95,8	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	-6,13	95,8	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	-6,04	95,8	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	-5,17	95,8	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	-5,15	95,8	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	-5,16	95,8	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	-4,68	95,8	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	-4,41	95,8	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	-4,22	95,8	0,00	88,70	-	-	0,00	0,00	-
35	7.678	7.679	-4,22	95,8	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	-4,34	95,8	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	-3,64	95,8	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	-3,37	95,8	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	-3,20	95,8	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	-3,15	95,8	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	-3,30	95,8	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	-2,33	95,8	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	-1,13	95,8	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	-2,95	95,8	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	-1,66	95,8	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	-0,28	95,8	0,00	85,80	-	-	0,00	0,00	-
Somme			22,51								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	19,50	105,9	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	18,43	105,9	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	17,40	105,9	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,22	105,9	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,24	105,9	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	14,52	105,9	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	2,64	99,3	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	-0,16	99,3	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	0,66	99,3	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	1,55	99,3	0,00	87,25	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
11	5.910	5.911	2,67	99,3	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	-0,16	99,3	0,00	88,50	-	-	0,00	0,00	-
13	6.995	6.995	0,66	99,3	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	1,54	99,3	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	4,44	99,6	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	3,97	99,6	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	3,45	99,6	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	2,90	99,6	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	1,63	99,6	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	0,99	99,6	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	2,78	100,5	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	0,10	100,5	0,00	88,98	-	-	0,00	0,00	-
23	8.437	8.438	-0,63	100,5	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	-1,67	100,5	0,00	90,30	-	-	0,00	0,00	-
25	8.561	8.562	-0,80	100,5	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	-0,63	100,5	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	-1,44	100,5	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	-1,35	100,5	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	-0,48	100,5	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	-0,46	100,5	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	-0,47	100,5	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	0,00	100,5	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	0,27	100,5	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	0,47	100,5	0,00	88,70	-	-	0,00	0,00	-
35	7.678	7.679	0,47	100,5	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	0,35	100,5	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	1,05	100,5	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	1,32	100,5	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	1,49	100,5	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	1,54	100,5	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	1,39	100,5	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	2,36	100,5	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	3,56	100,5	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	1,74	100,5	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	3,02	100,5	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	4,41	100,5	0,00	85,80	-	-	0,00	0,00	-
Somme			26,84								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,44	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,38	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,34	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	18,16	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	22,19	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,45	106,8	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	6,40	103,1	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	3,60	103,1	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	4,42	103,1	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	5,31	103,1	0,00	87,25	-	-	0,00	0,00	-
11	5.910	5.911	6,43	103,1	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	3,60	103,1	0,00	88,50	-	-	0,00	0,00	-
13	6.995	6.995	4,42	103,1	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	5,30	103,1	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	8,52	103,7	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	8,04	103,7	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	7,52	103,7	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	6,97	103,7	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	5,70	103,7	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	5,06	103,7	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	6,93	104,6	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	4,24	104,6	0,00	88,98	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
23	8.437	8.438	3,52	104,6	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	2,48	104,6	0,00	90,30	-	-	0,00	0,00	-
25	8.561	8.562	3,35	104,6	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	3,51	104,6	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	2,70	104,6	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	2,79	104,6	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	3,66	104,6	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	3,68	104,6	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	3,68	104,6	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	4,15	104,6	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	4,42	104,6	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	4,62	104,6	0,00	88,70	-	-	0,00	0,00	-
35	7.678	7.679	4,61	104,6	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	4,49	104,6	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	5,20	104,6	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	5,46	104,6	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	5,63	104,6	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	5,68	104,6	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	5,53	104,6	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	6,50	104,6	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	7,71	104,6	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	5,88	104,6	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	7,17	104,6	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	8,56	104,6	0,00	85,80	-	-	0,00	0,00	-
Somme			28,28								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,33	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,26	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,22	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	18,05	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	22,08	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,34	106,8	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	7,67	104,4	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	4,87	104,4	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	5,70	104,4	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	6,58	104,4	0,00	87,25	-	-	0,00	0,00	-
11	5.910	5.911	7,70	104,4	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	4,87	104,4	0,00	88,50	-	-	0,00	0,00	-
13	6.995	6.995	5,69	104,4	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	6,58	104,4	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	11,63	106,8	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	11,16	106,8	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	10,64	106,8	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	10,09	106,8	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	8,82	106,8	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	8,18	106,8	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	9,46	107,1	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	6,77	107,1	0,00	88,98	-	-	0,00	0,00	-
23	8.437	8.438	6,05	107,1	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	5,01	107,1	0,00	90,30	-	-	0,00	0,00	-
25	8.561	8.562	5,88	107,1	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	6,04	107,1	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	5,23	107,1	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	5,33	107,1	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	6,19	107,1	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	6,21	107,1	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	6,21	107,1	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	6,68	107,1	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	6,95	107,1	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	7,15	107,1	0,00	88,70	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	7.678	7.679	7,14	107,1	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	7,02	107,1	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	7,73	107,1	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	8,00	107,1	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	8,16	107,1	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	8,21	107,1	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	8,06	107,1	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	9,03	107,1	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	10,24	107,1	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	8,42	107,1	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	9,70	107,1	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	11,09	107,1	0,00	85,80	-	-	0,00	0,00	-
Somme			28,86								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,15	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,09	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,06	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,88	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,89	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,21	106,8	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	7,70	104,4	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	5,73	104,4	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	6,61	104,4	0,00	87,25	-	-	0,00	0,00	-
11	5.910	5.911	7,73	104,4	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
13	6.995	6.995	5,72	104,4	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	6,60	104,4	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	12,10	107,3	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	11,63	107,3	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	11,11	107,3	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	10,56	107,3	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	9,29	107,3	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	9,61	107,3	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	6,92	107,3	0,00	88,98	-	-	0,00	0,00	-
23	8.437	8.438	6,20	107,3	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	5,16	107,3	0,00	90,30	-	-	0,00	0,00	-
25	8.561	8.562	6,03	107,3	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	6,19	107,3	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	5,38	107,3	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	5,48	107,3	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	6,34	107,3	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	6,36	107,3	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	6,36	107,3	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	6,83	107,3	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	7,10	107,3	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
35	7.678	7.679	7,29	107,3	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	7,17	107,3	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	7,88	107,3	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	8,15	107,3	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	8,31	107,3	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	8,36	107,3	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	8,21	107,3	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	9,18	107,3	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	8,57	107,3	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	9,85	107,3	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	11,24	107,3	0,00	85,80	-	-	0,00	0,00	-
Somme			28,81								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,21	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,17	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,16	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,99	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,93	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,36	106,8	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	7,70	104,4	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	5,73	104,4	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	6,61	104,4	0,00	87,25	-	-	0,00	0,00	-
11	5.910	5.911	7,73	104,4	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
13	6.995	6.995	5,72	104,4	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	6,60	104,4	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	12,10	107,3	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	11,63	107,3	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	11,11	107,3	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	10,56	107,3	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	9,29	107,3	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	9,61	107,3	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	6,92	107,3	0,00	88,98	-	-	0,00	0,00	-
23	8.437	8.438	6,20	107,3	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	5,16	107,3	0,00	90,30	-	-	0,00	0,00	-
25	8.561	8.562	6,03	107,3	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	6,19	107,3	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	5,38	107,3	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	5,48	107,3	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	6,34	107,3	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	6,36	107,3	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	6,36	107,3	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	6,83	107,3	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	7,10	107,3	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
35	7.678	7.679	7,29	107,3	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	7,17	107,3	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	7,88	107,3	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	8,15	107,3	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	8,31	107,3	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	8,36	107,3	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	8,21	107,3	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	9,18	107,3	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	8,57	107,3	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	9,85	107,3	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	11,24	107,3	0,00	85,80	-	-	0,00	0,00	-
Somme			28,86								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: I PF3 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	15,18	101,2	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	14,14	101,2	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	13,12	101,2	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	12,95	101,2	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	16,90	101,2	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	10,29	101,2	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	-1,75	94,9	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	-4,55	94,9	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	-3,73	94,9	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	-2,84	94,9	0,00	87,25	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
11	5.910	5.911	-1,72	94,9	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	-4,55	94,9	0,00	88,50	-	-	0,00	0,00	-
13	6.995	6.995	-3,73	94,9	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	-2,85	94,9	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	-0,08	95,1	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	-0,56	95,1	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	-1,08	95,1	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	-1,63	95,1	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	-2,90	95,1	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	-3,54	95,1	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	-1,91	95,8	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	-4,59	95,8	0,00	88,98	-	-	0,00	0,00	-
23	8.437	8.438	-5,32	95,8	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	-6,35	95,8	0,00	90,30	-	-	0,00	0,00	-
25	8.561	8.562	-5,48	95,8	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	-5,32	95,8	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	-6,13	95,8	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	-6,04	95,8	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	-5,17	95,8	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	-5,15	95,8	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	-5,16	95,8	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	-4,68	95,8	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	-4,41	95,8	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	-4,22	95,8	0,00	88,70	-	-	0,00	0,00	-
35	7.678	7.679	-4,22	95,8	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	-4,34	95,8	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	-3,64	95,8	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	-3,37	95,8	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	-3,20	95,8	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	-3,15	95,8	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	-3,30	95,8	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	-2,33	95,8	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	-1,13	95,8	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	-2,95	95,8	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	-1,66	95,8	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	-0,28	95,8	0,00	85,80	-	-	0,00	0,00	-
Somme			22,51								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	19,50	105,9	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	18,43	105,9	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	17,40	105,9	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,22	105,9	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,24	105,9	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	14,52	105,9	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	2,64	99,3	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	-0,16	99,3	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	0,66	99,3	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	1,55	99,3	0,00	87,25	-	-	0,00	0,00	-
11	5.910	5.911	2,67	99,3	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	-0,16	99,3	0,00	88,50	-	-	0,00	0,00	-
13	6.995	6.995	0,66	99,3	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	1,54	99,3	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	4,44	99,6	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	3,97	99,6	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	3,45	99,6	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	2,90	99,6	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	1,63	99,6	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	0,99	99,6	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	2,78	100,5	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	0,10	100,5	0,00	88,98	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
23	8.437	8.438	-0,63	100,5	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	-1,67	100,5	0,00	90,30	-	-	0,00	0,00	-
25	8.561	8.562	-0,80	100,5	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	-0,63	100,5	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	-1,44	100,5	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	-1,35	100,5	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	-0,48	100,5	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	-0,46	100,5	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	-0,47	100,5	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	0,00	100,5	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	0,27	100,5	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	0,47	100,5	0,00	88,70	-	-	0,00	0,00	-
35	7.678	7.679	0,47	100,5	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	0,35	100,5	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	1,05	100,5	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	1,32	100,5	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	1,49	100,5	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	1,54	100,5	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	1,39	100,5	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	2,36	100,5	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	3,56	100,5	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	1,74	100,5	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	3,02	100,5	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	4,41	100,5	0,00	85,80	-	-	0,00	0,00	-
Somme			26,84								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,44	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,38	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,34	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	18,16	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	22,19	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,45	106,8	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	6,40	103,1	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	3,60	103,1	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	4,42	103,1	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	5,31	103,1	0,00	87,25	-	-	0,00	0,00	-
11	5.910	5.911	6,43	103,1	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	3,60	103,1	0,00	88,50	-	-	0,00	0,00	-
13	6.995	6.995	4,42	103,1	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	5,30	103,1	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	8,52	103,7	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	8,04	103,7	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	7,52	103,7	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	6,97	103,7	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	5,70	103,7	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	5,06	103,7	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	6,93	104,6	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	4,24	104,6	0,00	88,98	-	-	0,00	0,00	-
23	8.437	8.438	3,52	104,6	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	2,48	104,6	0,00	90,30	-	-	0,00	0,00	-
25	8.561	8.562	3,35	104,6	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	3,51	104,6	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	2,70	104,6	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	2,79	104,6	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	3,66	104,6	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	3,68	104,6	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	3,68	104,6	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	4,15	104,6	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	4,42	104,6	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	4,62	104,6	0,00	88,70	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	7.678	7.679	4,61	104,6	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	4,49	104,6	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	5,20	104,6	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	5,46	104,6	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	5,63	104,6	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	5,68	104,6	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	5,53	104,6	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	6,50	104,6	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	7,71	104,6	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	5,88	104,6	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	7,17	104,6	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	8,56	104,6	0,00	85,80	-	-	0,00	0,00	-
Somme			28,28								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,33	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,26	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,22	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	18,05	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	22,08	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,34	106,8	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	7,67	104,4	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	4,87	104,4	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	5,70	104,4	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	6,58	104,4	0,00	87,25	-	-	0,00	0,00	-
11	5.910	5.911	7,70	104,4	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	4,87	104,4	0,00	88,50	-	-	0,00	0,00	-
13	6.995	6.995	5,69	104,4	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	6,58	104,4	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	11,63	106,8	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	11,16	106,8	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	10,64	106,8	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	10,09	106,8	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	8,82	106,8	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	8,18	106,8	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	9,46	107,1	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	6,77	107,1	0,00	88,98	-	-	0,00	0,00	-
23	8.437	8.438	6,05	107,1	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	5,01	107,1	0,00	90,30	-	-	0,00	0,00	-
25	8.561	8.562	5,88	107,1	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	6,04	107,1	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	5,23	107,1	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	5,33	107,1	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	6,19	107,1	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	6,21	107,1	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	6,21	107,1	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	6,68	107,1	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	6,95	107,1	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	7,15	107,1	0,00	88,70	-	-	0,00	0,00	-
35	7.678	7.679	7,14	107,1	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	7,02	107,1	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	7,73	107,1	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	8,00	107,1	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	8,16	107,1	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	8,21	107,1	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	8,06	107,1	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	9,03	107,1	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	10,24	107,1	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	8,42	107,1	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	9,70	107,1	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	11,09	107,1	0,00	85,80	-	-	0,00	0,00	-
Somme			28,86								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,15	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,09	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,06	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,88	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,89	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,21	106,8	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	7,70	104,4	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	5,73	104,4	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	6,61	104,4	0,00	87,25	-	-	0,00	0,00	-
11	5.910	5.911	7,73	104,4	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
13	6.995	6.995	5,72	104,4	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	6,60	104,4	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	12,10	107,3	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	11,63	107,3	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	11,11	107,3	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	10,56	107,3	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	9,29	107,3	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	9,61	107,3	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	6,92	107,3	0,00	88,98	-	-	0,00	0,00	-
23	8.437	8.438	6,20	107,3	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	5,16	107,3	0,00	90,30	-	-	0,00	0,00	-
25	8.561	8.562	6,03	107,3	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	6,19	107,3	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	5,38	107,3	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	5,48	107,3	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	6,34	107,3	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	6,36	107,3	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	6,36	107,3	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	6,83	107,3	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	7,10	107,3	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
35	7.678	7.679	7,29	107,3	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	7,17	107,3	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	7,88	107,3	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	8,15	107,3	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	8,31	107,3	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	8,36	107,3	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	8,21	107,3	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	9,18	107,3	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	8,57	107,3	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	9,85	107,3	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	11,24	107,3	0,00	85,80	-	-	0,00	0,00	-
Somme			28,81								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,21	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,17	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,16	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,99	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,93	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,36	106,8	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	7,70	104,4	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	5,73	104,4	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	6,61	104,4	0,00	87,25	-	-	0,00	0,00	-
11	5.910	5.911	7,73	104,4	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
13	6.995	6.995	5,72	104,4	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	6,60	104,4	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	12,10	107,3	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	11,63	107,3	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	11,11	107,3	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	10,56	107,3	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	9,29	107,3	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	9,61	107,3	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	6,92	107,3	0,00	88,98	-	-	0,00	0,00	-
23	8.437	8.438	6,20	107,3	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	5,16	107,3	0,00	90,30	-	-	0,00	0,00	-
25	8.561	8.562	6,03	107,3	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	6,19	107,3	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	5,38	107,3	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	5,48	107,3	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	6,34	107,3	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	6,36	107,3	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	6,36	107,3	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	6,83	107,3	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	7,10	107,3	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
35	7.678	7.679	7,29	107,3	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	7,17	107,3	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	7,88	107,3	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	8,15	107,3	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	8,31	107,3	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	8,36	107,3	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	8,21	107,3	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	9,18	107,3	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	8,57	107,3	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	9,85	107,3	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	11,24	107,3	0,00	85,80	-	-	0,00	0,00	-
Somme			28,86								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: J PF3 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	15,18	101,2	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	14,14	101,2	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	13,12	101,2	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	12,95	101,2	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	16,90	101,2	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	10,29	101,2	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	-1,75	94,9	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	-4,55	94,9	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	-3,73	94,9	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	-2,84	94,9	0,00	87,25	-	-	0,00	0,00	-
11	5.910	5.911	-1,72	94,9	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	-4,55	94,9	0,00	88,50	-	-	0,00	0,00	-
13	6.995	6.995	-3,73	94,9	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	-2,85	94,9	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	-0,08	95,1	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	-0,56	95,1	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	-1,08	95,1	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	-1,63	95,1	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	-2,90	95,1	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	-3,54	95,1	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	-1,91	95,8	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	-4,59	95,8	0,00	88,98	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
23	8.437	8.438	-5,32	95,8	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	-6,35	95,8	0,00	90,30	-	-	0,00	0,00	-
25	8.561	8.562	-5,48	95,8	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	-5,32	95,8	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	-6,13	95,8	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	-6,04	95,8	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	-5,17	95,8	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	-5,15	95,8	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	-5,16	95,8	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	-4,68	95,8	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	-4,41	95,8	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	-4,22	95,8	0,00	88,70	-	-	0,00	0,00	-
35	7.678	7.679	-4,22	95,8	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	-4,34	95,8	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	-3,64	95,8	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	-3,37	95,8	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	-3,20	95,8	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	-3,15	95,8	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	-3,30	95,8	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	-2,33	95,8	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	-1,13	95,8	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	-2,95	95,8	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	-1,66	95,8	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	-0,28	95,8	0,00	85,80	-	-	0,00	0,00	-
Somme			22,51								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	19,50	105,9	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	18,43	105,9	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	17,40	105,9	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,22	105,9	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,24	105,9	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	14,52	105,9	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	2,64	99,3	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	-0,16	99,3	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	0,66	99,3	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	1,55	99,3	0,00	87,25	-	-	0,00	0,00	-
11	5.910	5.911	2,67	99,3	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	-0,16	99,3	0,00	88,50	-	-	0,00	0,00	-
13	6.995	6.995	0,66	99,3	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	1,54	99,3	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	4,44	99,6	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	3,97	99,6	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	3,45	99,6	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	2,90	99,6	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	1,63	99,6	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	0,99	99,6	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	2,78	100,5	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	0,10	100,5	0,00	88,98	-	-	0,00	0,00	-
23	8.437	8.438	-0,63	100,5	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	-1,67	100,5	0,00	90,30	-	-	0,00	0,00	-
25	8.561	8.562	-0,80	100,5	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	-0,63	100,5	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	-1,44	100,5	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	-1,35	100,5	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	-0,48	100,5	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	-0,46	100,5	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	-0,47	100,5	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	0,00	100,5	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	0,27	100,5	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	0,47	100,5	0,00	88,70	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	7.678	7.679	0,47	100,5	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	0,35	100,5	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	1,05	100,5	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	1,32	100,5	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	1,49	100,5	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	1,54	100,5	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	1,39	100,5	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	2,36	100,5	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	3,56	100,5	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	1,74	100,5	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	3,02	100,5	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	4,41	100,5	0,00	85,80	-	-	0,00	0,00	-
Somme			26,84								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,44	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,38	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,34	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	18,16	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	22,19	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,45	106,8	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	6,40	103,1	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	3,60	103,1	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	4,42	103,1	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	5,31	103,1	0,00	87,25	-	-	0,00	0,00	-
11	5.910	5.911	6,43	103,1	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	3,60	103,1	0,00	88,50	-	-	0,00	0,00	-
13	6.995	6.995	4,42	103,1	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	5,30	103,1	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	8,52	103,7	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	8,04	103,7	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	7,52	103,7	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	6,97	103,7	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	5,70	103,7	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	5,06	103,7	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	6,93	104,6	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	4,24	104,6	0,00	88,98	-	-	0,00	0,00	-
23	8.437	8.438	3,52	104,6	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	2,48	104,6	0,00	90,30	-	-	0,00	0,00	-
25	8.561	8.562	3,35	104,6	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	3,51	104,6	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	2,70	104,6	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	2,79	104,6	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	3,66	104,6	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	3,68	104,6	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	3,68	104,6	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	4,15	104,6	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	4,42	104,6	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	4,62	104,6	0,00	88,70	-	-	0,00	0,00	-
35	7.678	7.679	4,61	104,6	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	4,49	104,6	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	5,20	104,6	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	5,46	104,6	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	5,63	104,6	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	5,68	104,6	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	5,53	104,6	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	6,50	104,6	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	7,71	104,6	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	5,88	104,6	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	7,17	104,6	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	8,56	104,6	0,00	85,80	-	-	0,00	0,00	-
Somme			28,28								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,33	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,26	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,22	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	18,05	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	22,08	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,34	106,8	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	7,67	104,4	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	4,87	104,4	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	5,70	104,4	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	6,58	104,4	0,00	87,25	-	-	0,00	0,00	-
11	5.910	5.911	7,70	104,4	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	4,87	104,4	0,00	88,50	-	-	0,00	0,00	-
13	6.995	6.995	5,69	104,4	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	6,58	104,4	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	11,63	106,8	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	11,16	106,8	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	10,64	106,8	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	10,09	106,8	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	8,82	106,8	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	8,18	106,8	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	9,46	107,1	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	6,77	107,1	0,00	88,98	-	-	0,00	0,00	-
23	8.437	8.438	6,05	107,1	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	5,01	107,1	0,00	90,30	-	-	0,00	0,00	-
25	8.561	8.562	5,88	107,1	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	6,04	107,1	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	5,23	107,1	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	5,33	107,1	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	6,19	107,1	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	6,21	107,1	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	6,21	107,1	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	6,68	107,1	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	6,95	107,1	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	7,15	107,1	0,00	88,70	-	-	0,00	0,00	-
35	7.678	7.679	7,14	107,1	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	7,02	107,1	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	7,73	107,1	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	8,00	107,1	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	8,16	107,1	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	8,21	107,1	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	8,06	107,1	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	9,03	107,1	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	10,24	107,1	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	8,42	107,1	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	9,70	107,1	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	11,09	107,1	0,00	85,80	-	-	0,00	0,00	-
Somme			28,86								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,15	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,09	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,06	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,88	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,89	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,21	106,8	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	7,70	104,4	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	5,73	104,4	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	6,61	104,4	0,00	87,25	-	-	0,00	0,00	-
11	5.910	5.911	7,73	104,4	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
13	6.995	6.995	5,72	104,4	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	6,60	104,4	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	12,10	107,3	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	11,63	107,3	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	11,11	107,3	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	10,56	107,3	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	9,29	107,3	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	9,61	107,3	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	6,92	107,3	0,00	88,98	-	-	0,00	0,00	-
23	8.437	8.438	6,20	107,3	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	5,16	107,3	0,00	90,30	-	-	0,00	0,00	-
25	8.561	8.562	6,03	107,3	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	6,19	107,3	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	5,38	107,3	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	5,48	107,3	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	6,34	107,3	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	6,36	107,3	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	6,36	107,3	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	6,83	107,3	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	7,10	107,3	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
35	7.678	7.679	7,29	107,3	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	7,17	107,3	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	7,88	107,3	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	8,15	107,3	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	8,31	107,3	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	8,36	107,3	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	8,21	107,3	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	9,18	107,3	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	8,57	107,3	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	9,85	107,3	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	11,24	107,3	0,00	85,80	-	-	0,00	0,00	-
Somme			28,81								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,21	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,17	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,16	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,99	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,93	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,36	106,8	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	7,70	104,4	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	5,73	104,4	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	6,61	104,4	0,00	87,25	-	-	0,00	0,00	-
11	5.910	5.911	7,73	104,4	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
13	6.995	6.995	5,72	104,4	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	6,60	104,4	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	12,10	107,3	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	11,63	107,3	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	11,11	107,3	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	10,56	107,3	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	9,29	107,3	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	9,61	107,3	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	6,92	107,3	0,00	88,98	-	-	0,00	0,00	-
23	8.437	8.438	6,20	107,3	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	5,16	107,3	0,00	90,30	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
25	8.561	8.562	6,03	107,3	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	6,19	107,3	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	5,38	107,3	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	5,48	107,3	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	6,34	107,3	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	6,36	107,3	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	6,36	107,3	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	6,83	107,3	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	7,10	107,3	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
35	7.678	7.679	7,29	107,3	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	7,17	107,3	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	7,88	107,3	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	8,15	107,3	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	8,31	107,3	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	8,36	107,3	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	8,21	107,3	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	9,18	107,3	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	8,57	107,3	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	9,85	107,3	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	11,24	107,3	0,00	85,80	-	-	0,00	0,00	-
Somme			28,86								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: K PF3 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	15,18	101,2	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	14,14	101,2	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	13,12	101,2	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	12,95	101,2	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	16,90	101,2	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	10,29	101,2	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	-1,75	94,9	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	-4,55	94,9	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	-3,73	94,9	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	-2,84	94,9	0,00	87,25	-	-	0,00	0,00	-
11	5.910	5.911	-1,72	94,9	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	-4,55	94,9	0,00	88,50	-	-	0,00	0,00	-
13	6.995	6.995	-3,73	94,9	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	-2,85	94,9	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	-0,08	95,1	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	-0,56	95,1	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	-1,08	95,1	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	-1,63	95,1	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	-2,90	95,1	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	-3,54	95,1	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	-1,91	95,8	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	-4,59	95,8	0,00	88,98	-	-	0,00	0,00	-
23	8.437	8.438	-5,32	95,8	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	-6,35	95,8	0,00	90,30	-	-	0,00	0,00	-
25	8.561	8.562	-5,48	95,8	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	-5,32	95,8	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	-6,13	95,8	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	-6,04	95,8	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	-5,17	95,8	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	-5,15	95,8	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	-5,16	95,8	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	-4,68	95,8	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	-4,41	95,8	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	-4,22	95,8	0,00	88,70	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	7.678	7.679	-4,22	95,8	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	-4,34	95,8	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	-3,64	95,8	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	-3,37	95,8	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	-3,20	95,8	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	-3,15	95,8	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	-3,30	95,8	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	-2,33	95,8	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	-1,13	95,8	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	-2,95	95,8	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	-1,66	95,8	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	-0,28	95,8	0,00	85,80	-	-	0,00	0,00	-
Somme			22,51								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	19,50	105,9	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	18,43	105,9	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	17,40	105,9	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,22	105,9	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,24	105,9	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	14,52	105,9	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	2,64	99,3	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	-0,16	99,3	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	0,66	99,3	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	1,55	99,3	0,00	87,25	-	-	0,00	0,00	-
11	5.910	5.911	2,67	99,3	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	-0,16	99,3	0,00	88,50	-	-	0,00	0,00	-
13	6.995	6.995	0,66	99,3	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	1,54	99,3	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	4,44	99,6	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	3,97	99,6	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	3,45	99,6	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	2,90	99,6	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	1,63	99,6	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	0,99	99,6	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	2,78	100,5	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	0,10	100,5	0,00	88,98	-	-	0,00	0,00	-
23	8.437	8.438	-0,63	100,5	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	-1,67	100,5	0,00	90,30	-	-	0,00	0,00	-
25	8.561	8.562	-0,80	100,5	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	-0,63	100,5	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	-1,44	100,5	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	-1,35	100,5	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	-0,48	100,5	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	-0,46	100,5	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	-0,47	100,5	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	0,00	100,5	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	0,27	100,5	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	0,47	100,5	0,00	88,70	-	-	0,00	0,00	-
35	7.678	7.679	0,47	100,5	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	0,35	100,5	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	1,05	100,5	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	1,32	100,5	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	1,49	100,5	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	1,54	100,5	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	1,39	100,5	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	2,36	100,5	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	3,56	100,5	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	1,74	100,5	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	3,02	100,5	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	4,41	100,5	0,00	85,80	-	-	0,00	0,00	-
Somme			26,84								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,44	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,38	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,34	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	18,16	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	22,19	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,45	106,8	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	6,40	103,1	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	3,60	103,1	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	4,42	103,1	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	5,31	103,1	0,00	87,25	-	-	0,00	0,00	-
11	5.910	5.911	6,43	103,1	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	3,60	103,1	0,00	88,50	-	-	0,00	0,00	-
13	6.995	6.995	4,42	103,1	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	5,30	103,1	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	8,52	103,7	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	8,04	103,7	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	7,52	103,7	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	6,97	103,7	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	5,70	103,7	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	5,06	103,7	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	6,93	104,6	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	4,24	104,6	0,00	88,98	-	-	0,00	0,00	-
23	8.437	8.438	3,52	104,6	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	2,48	104,6	0,00	90,30	-	-	0,00	0,00	-
25	8.561	8.562	3,35	104,6	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	3,51	104,6	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	2,70	104,6	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	2,79	104,6	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	3,66	104,6	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	3,68	104,6	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	3,68	104,6	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	4,15	104,6	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	4,42	104,6	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	4,62	104,6	0,00	88,70	-	-	0,00	0,00	-
35	7.678	7.679	4,61	104,6	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	4,49	104,6	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	5,20	104,6	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	5,46	104,6	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	5,63	104,6	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	5,68	104,6	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	5,53	104,6	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	6,50	104,6	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	7,71	104,6	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	5,88	104,6	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	7,17	104,6	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	8,56	104,6	0,00	85,80	-	-	0,00	0,00	-
Somme			28,28								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,33	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,26	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,22	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	18,05	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	22,08	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,34	106,8	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	7,67	104,4	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	4,87	104,4	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	5,70	104,4	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	6,58	104,4	0,00	87,25	-	-	0,00	0,00	-
11	5.910	5.911	7,70	104,4	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	4,87	104,4	0,00	88,50	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
13	6.995	6.995	5,69	104,4	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	6,58	104,4	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	11,63	106,8	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	11,16	106,8	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	10,64	106,8	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	10,09	106,8	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	8,82	106,8	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	8,18	106,8	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	9,46	107,1	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	6,77	107,1	0,00	88,98	-	-	0,00	0,00	-
23	8.437	8.438	6,05	107,1	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	5,01	107,1	0,00	90,30	-	-	0,00	0,00	-
25	8.561	8.562	5,88	107,1	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	6,04	107,1	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	5,23	107,1	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	5,33	107,1	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	6,19	107,1	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	6,21	107,1	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	6,21	107,1	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	6,68	107,1	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	6,95	107,1	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	7,15	107,1	0,00	88,70	-	-	0,00	0,00	-
35	7.678	7.679	7,14	107,1	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	7,02	107,1	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	7,73	107,1	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	8,00	107,1	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	8,16	107,1	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	8,21	107,1	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	8,06	107,1	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	9,03	107,1	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	10,24	107,1	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	8,42	107,1	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	9,70	107,1	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	11,09	107,1	0,00	85,80	-	-	0,00	0,00	-
Somme			28,86								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,15	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,09	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,06	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,88	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,89	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,21	106,8	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	7,70	104,4	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	5,73	104,4	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	6,61	104,4	0,00	87,25	-	-	0,00	0,00	-
11	5.910	5.911	7,73	104,4	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
13	6.995	6.995	5,72	104,4	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	6,60	104,4	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	12,10	107,3	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	11,63	107,3	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	11,11	107,3	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	10,56	107,3	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	9,29	107,3	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	9,61	107,3	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	6,92	107,3	0,00	88,98	-	-	0,00	0,00	-
23	8.437	8.438	6,20	107,3	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	5,16	107,3	0,00	90,30	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
25	8.561	8.562	6,03	107,3	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	6,19	107,3	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	5,38	107,3	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	5,48	107,3	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	6,34	107,3	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	6,36	107,3	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	6,36	107,3	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	6,83	107,3	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	7,10	107,3	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
35	7.678	7.679	7,29	107,3	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	7,17	107,3	0,00	88,80	-	-	0,00	0,00	-
37	7.305	7.306	7,88	107,3	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	8,15	107,3	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	8,31	107,3	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	8,36	107,3	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	8,21	107,3	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	9,18	107,3	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	8,57	107,3	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	9,85	107,3	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	11,24	107,3	0,00	85,80	-	-	0,00	0,00	-
Somme			28,81								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.160	2.165	20,21	106,8	0,00	77,71	-	-	0,00	0,00	-
2	2.337	2.342	19,17	106,8	0,00	78,39	-	-	0,00	0,00	-
3	2.522	2.527	18,16	106,8	0,00	79,05	-	-	0,00	0,00	-
4	2.555	2.560	17,99	106,8	0,00	79,16	-	-	0,00	0,00	-
5	1.896	1.902	21,93	106,8	0,00	76,58	-	-	0,00	0,00	-
6	3.113	3.118	15,36	106,8	0,00	80,88	-	-	0,00	0,00	-
7	5.923	5.924	7,70	104,4	0,00	86,45	-	-	0,00	0,00	-
8	7.495	7.495	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
9	6.991	6.992	5,73	104,4	0,00	87,89	-	-	0,00	0,00	-
10	6.491	6.491	6,61	104,4	0,00	87,25	-	-	0,00	0,00	-
11	5.910	5.911	7,73	104,4	0,00	86,43	-	-	0,00	0,00	-
12	7.498	7.498	4,90	104,4	0,00	88,50	-	-	0,00	0,00	-
13	6.995	6.995	5,72	104,4	0,00	87,90	-	-	0,00	0,00	-
14	6.493	6.494	6,60	104,4	0,00	87,25	-	-	0,00	0,00	-
15	5.226	5.228	12,10	107,3	0,00	85,37	-	-	0,00	0,00	-
16	5.438	5.439	11,63	107,3	0,00	85,71	-	-	0,00	0,00	-
17	5.678	5.680	11,11	107,3	0,00	86,09	-	-	0,00	0,00	-
18	5.946	5.947	10,56	107,3	0,00	86,49	-	-	0,00	0,00	-
19	6.612	6.613	9,29	107,3	0,00	87,41	-	-	0,00	0,00	-
20	6.980	6.981	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
21	6.303	6.305	9,61	107,3	0,00	86,99	-	-	0,00	0,00	-
22	7.927	7.929	6,92	107,3	0,00	88,98	-	-	0,00	0,00	-
23	8.437	8.438	6,20	107,3	0,00	89,53	-	-	0,00	0,00	-
24	9.229	9.230	5,16	107,3	0,00	90,30	-	-	0,00	0,00	-
25	8.561	8.562	6,03	107,3	0,00	89,65	-	-	0,00	0,00	-
26	8.440	8.441	6,19	107,3	0,00	89,53	-	-	0,00	0,00	-
27	9.052	9.053	5,38	107,3	0,00	90,14	-	-	0,00	0,00	-
28	8.980	8.981	5,48	107,3	0,00	90,07	-	-	0,00	0,00	-
29	8.331	8.332	6,34	107,3	0,00	89,42	-	-	0,00	0,00	-
30	8.319	8.320	6,36	107,3	0,00	89,40	-	-	0,00	0,00	-
31	8.323	8.324	6,36	107,3	0,00	89,41	-	-	0,00	0,00	-
32	7.991	7.992	6,83	107,3	0,00	89,05	-	-	0,00	0,00	-
33	7.808	7.809	7,10	107,3	0,00	88,85	-	-	0,00	0,00	-
34	7.676	7.677	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
35	7.678	7.679	7,29	107,3	0,00	88,71	-	-	0,00	0,00	-
36	7.759	7.760	7,17	107,3	0,00	88,80	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
37	7.305	7.306	7,88	107,3	0,00	88,27	-	-	0,00	0,00	-
38	7.139	7.140	8,15	107,3	0,00	88,07	-	-	0,00	0,00	-
39	7.039	7.040	8,31	107,3	0,00	87,95	-	-	0,00	0,00	-
40	7.008	7.009	8,36	107,3	0,00	87,91	-	-	0,00	0,00	-
41	7.099	7.100	8,21	107,3	0,00	88,03	-	-	0,00	0,00	-
42	6.534	6.536	9,18	107,3	0,00	87,31	-	-	0,00	0,00	-
43	5.901	5.903	10,39	107,3	0,00	86,42	-	-	0,00	0,00	-
44	6.887	6.889	8,57	107,3	0,00	87,76	-	-	0,00	0,00	-
45	6.175	6.177	9,85	107,3	0,00	86,82	-	-	0,00	0,00	-
46	5.491	5.494	11,24	107,3	0,00	85,80	-	-	0,00	0,00	-
Somme			28,86								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglementé: L PF4 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	8,20	101,2	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	9,39	101,2	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	11,36	101,2	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	6,20	101,2	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	6,48	101,2	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	5,35	101,2	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	1,74	94,9	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	-1,12	94,9	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	-0,08	94,9	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	1,04	94,9	0,00	84,44	-	-	0,00	0,00	-
11	4.182	4.183	2,44	94,9	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	-1,51	94,9	0,00	86,28	-	-	0,00	0,00	-
13	5.353	5.354	-0,54	94,9	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	0,49	94,9	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	-2,92	95,1	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	-3,02	95,1	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	-3,14	95,1	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	-3,23	95,1	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	-2,86	95,1	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	-3,09	95,1	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	-4,21	95,8	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	-6,89	95,8	0,00	90,71	-	-	0,00	0,00	-
23	10.123	10.124	-7,42	95,8	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	-6,78	95,8	0,00	90,63	-	-	0,00	0,00	-
25	8.919	8.919	-5,96	95,8	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	-6,11	95,8	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	-6,85	95,8	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	-7,12	95,8	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	-6,36	95,8	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	-6,68	95,8	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	-7,01	95,8	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	-5,18	95,8	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	-5,29	95,8	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	-5,58	95,8	0,00	89,72	-	-	0,00	0,00	-
35	8.913	8.914	-5,95	95,8	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	-6,40	95,8	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	-4,14	95,8	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	-4,33	95,8	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	-4,66	95,8	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	-5,04	95,8	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	-5,62	95,8	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	-4,98	95,8	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	-4,05	95,8	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	-5,87	95,8	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	-4,86	95,8	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	-3,80	95,8	0,00	88,39	-	-	0,00	0,00	-
Somme			17,80								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	12,41	105,9	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	13,61	105,9	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	15,61	105,9	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	10,38	105,9	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	10,67	105,9	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	9,52	105,9	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	6,13	99,3	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	3,27	99,3	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	4,31	99,3	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	5,42	99,3	0,00	84,44	-	-	0,00	0,00	-
11	4.182	4.183	6,83	99,3	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	2,88	99,3	0,00	86,28	-	-	0,00	0,00	-
13	5.353	5.354	3,85	99,3	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	4,88	99,3	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	1,61	99,6	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	1,51	99,6	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	1,39	99,6	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	1,30	99,6	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	1,67	99,6	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	1,44	99,6	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	0,48	100,5	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	-2,21	100,5	0,00	90,71	-	-	0,00	0,00	-
23	10.123	10.124	-2,73	100,5	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	-2,09	100,5	0,00	90,63	-	-	0,00	0,00	-
25	8.919	8.919	-1,27	100,5	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	-1,42	100,5	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	-2,16	100,5	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	-2,44	100,5	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	-1,67	100,5	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	-1,99	100,5	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	-2,32	100,5	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	-0,50	100,5	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	-0,60	100,5	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	-0,89	100,5	0,00	89,72	-	-	0,00	0,00	-
35	8.913	8.914	-1,26	100,5	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	-1,71	100,5	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	0,55	100,5	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	0,36	100,5	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	0,03	100,5	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	-0,35	100,5	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	-0,93	100,5	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	-0,29	100,5	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	0,64	100,5	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	-1,18	100,5	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	-0,18	100,5	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	0,89	100,5	0,00	88,39	-	-	0,00	0,00	-
Somme			22,12								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,33	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,54	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,55	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,29	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,58	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,42	106,8	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	9,89	103,1	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	7,03	103,1	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	8,07	103,1	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	9,18	103,1	0,00	84,44	-	-	0,00	0,00	-
11	4.182	4.183	10,59	103,1	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	6,64	103,1	0,00	86,28	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
13	5.353	5.354	7,61	103,1	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	8,64	103,1	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	5,68	103,7	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	5,59	103,7	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	5,46	103,7	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	5,37	103,7	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	5,74	103,7	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	5,51	103,7	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	4,62	104,6	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	1,94	104,6	0,00	90,71	-	-	0,00	0,00	-
23	10.123	10.124	1,41	104,6	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	2,05	104,6	0,00	90,63	-	-	0,00	0,00	-
25	8.919	8.919	2,87	104,6	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	2,72	104,6	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	1,98	104,6	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	1,71	104,6	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	2,47	104,6	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	2,16	104,6	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	1,83	104,6	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	3,65	104,6	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	3,54	104,6	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	3,25	104,6	0,00	89,72	-	-	0,00	0,00	-
35	8.913	8.914	2,88	104,6	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	2,43	104,6	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	4,70	104,6	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	4,50	104,6	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	4,18	104,6	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	3,80	104,6	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	3,22	104,6	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	3,85	104,6	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	4,78	104,6	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	2,97	104,6	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	3,97	104,6	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	5,04	104,6	0,00	88,39	-	-	0,00	0,00	-
Somme			24,31								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,23	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,43	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,44	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,21	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,49	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,35	106,8	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	11,16	104,4	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	8,30	104,4	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	9,34	104,4	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	10,46	104,4	0,00	84,44	-	-	0,00	0,00	-
11	4.182	4.183	11,86	104,4	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	7,92	104,4	0,00	86,28	-	-	0,00	0,00	-
13	5.353	5.354	8,89	104,4	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	9,92	104,4	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	8,80	106,8	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	8,70	106,8	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	8,58	106,8	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	8,49	106,8	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	8,86	106,8	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	8,63	106,8	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	7,15	107,1	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	4,47	107,1	0,00	90,71	-	-	0,00	0,00	-
23	10.123	10.124	3,95	107,1	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	4,58	107,1	0,00	90,63	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
25	8.919	8.919	5,41	107,1	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	5,25	107,1	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	4,51	107,1	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	4,24	107,1	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	5,00	107,1	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	4,69	107,1	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	4,36	107,1	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	6,18	107,1	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	6,07	107,1	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	5,78	107,1	0,00	89,72	-	-	0,00	0,00	-
35	8.913	8.914	5,41	107,1	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	4,96	107,1	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	7,23	107,1	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	7,03	107,1	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	6,71	107,1	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	6,33	107,1	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	5,75	107,1	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	6,38	107,1	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	7,32	107,1	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	5,50	107,1	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	6,50	107,1	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	7,57	107,1	0,00	88,39	-	-	0,00	0,00	-
Somme			25,48								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,13	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,31	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,29	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,14	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,42	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,30	106,8	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	11,19	104,4	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	8,33	104,4	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	9,37	104,4	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	10,49	104,4	0,00	84,44	-	-	0,00	0,00	-
11	4.182	4.183	11,89	104,4	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	7,95	104,4	0,00	86,28	-	-	0,00	0,00	-
13	5.353	5.354	8,92	104,4	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	9,95	104,4	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	9,27	107,3	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	9,17	107,3	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	9,05	107,3	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	8,96	107,3	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	9,32	107,3	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	9,10	107,3	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	4,62	107,3	0,00	90,71	-	-	0,00	0,00	-
23	10.123	10.124	4,10	107,3	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	4,73	107,3	0,00	90,63	-	-	0,00	0,00	-
25	8.919	8.919	5,56	107,3	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	5,40	107,3	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	4,66	107,3	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	5,15	107,3	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	4,84	107,3	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	4,51	107,3	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	6,22	107,3	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	5,93	107,3	0,00	89,72	-	-	0,00	0,00	-
35	8.913	8.914	5,56	107,3	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	5,11	107,3	0,00	90,34	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
37	7.624	7.625	7,38	107,3	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	7,18	107,3	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	6,48	107,3	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	6,53	107,3	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	7,47	107,3	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	5,65	107,3	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	6,65	107,3	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	7,72	107,3	0,00	88,39	-	-	0,00	0,00	-
Somme			25,55								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,32	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,47	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,42	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,36	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,63	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,53	106,8	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	11,19	104,4	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	8,33	104,4	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	9,37	104,4	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	10,49	104,4	0,00	84,44	-	-	0,00	0,00	-
11	4.182	4.183	11,89	104,4	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	7,95	104,4	0,00	86,28	-	-	0,00	0,00	-
13	5.353	5.354	8,92	104,4	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	9,95	104,4	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	9,27	107,3	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	9,17	107,3	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	9,05	107,3	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	8,96	107,3	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	9,32	107,3	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	9,10	107,3	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	4,62	107,3	0,00	90,71	-	-	0,00	0,00	-
23	10.123	10.124	4,10	107,3	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	4,73	107,3	0,00	90,63	-	-	0,00	0,00	-
25	8.919	8.919	5,56	107,3	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	5,40	107,3	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	4,66	107,3	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	5,15	107,3	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	4,84	107,3	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	4,51	107,3	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	6,22	107,3	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	5,93	107,3	0,00	89,72	-	-	0,00	0,00	-
35	8.913	8.914	5,56	107,3	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	5,11	107,3	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	7,38	107,3	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	7,18	107,3	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	6,48	107,3	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	6,53	107,3	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	7,47	107,3	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	5,65	107,3	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	6,65	107,3	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	7,72	107,3	0,00	88,39	-	-	0,00	0,00	-
Somme			25,62								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: M PF4 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	8,20	101,2	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	9,39	101,2	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	11,36	101,2	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	6,20	101,2	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	6,48	101,2	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	5,35	101,2	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	1,74	94,9	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	-1,12	94,9	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	-0,08	94,9	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	1,04	94,9	0,00	84,44	-	-	0,00	0,00	-
11	4.182	4.183	2,44	94,9	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	-1,51	94,9	0,00	86,28	-	-	0,00	0,00	-
13	5.353	5.354	-0,54	94,9	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	0,49	94,9	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	-2,92	95,1	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	-3,02	95,1	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	-3,14	95,1	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	-3,23	95,1	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	-2,86	95,1	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	-3,09	95,1	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	-4,21	95,8	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	-6,89	95,8	0,00	90,71	-	-	0,00	0,00	-
23	10.123	10.124	-7,42	95,8	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	-6,78	95,8	0,00	90,63	-	-	0,00	0,00	-
25	8.919	8.919	-5,96	95,8	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	-6,11	95,8	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	-6,85	95,8	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	-7,12	95,8	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	-6,36	95,8	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	-6,68	95,8	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	-7,01	95,8	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	-5,18	95,8	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	-5,29	95,8	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	-5,58	95,8	0,00	89,72	-	-	0,00	0,00	-
35	8.913	8.914	-5,95	95,8	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	-6,40	95,8	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	-4,14	95,8	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	-4,33	95,8	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	-4,66	95,8	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	-5,04	95,8	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	-5,62	95,8	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	-4,98	95,8	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	-4,05	95,8	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	-5,87	95,8	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	-4,86	95,8	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	-3,80	95,8	0,00	88,39	-	-	0,00	0,00	-
Somme			17,80								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	12,41	105,9	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	13,61	105,9	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	15,61	105,9	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	10,38	105,9	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	10,67	105,9	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	9,52	105,9	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	6,13	99,3	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	3,27	99,3	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	4,31	99,3	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	5,42	99,3	0,00	84,44	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
11	4.182	4.183	6,83	99,3	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	2,88	99,3	0,00	86,28	-	-	0,00	0,00	-
13	5.353	5.354	3,85	99,3	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	4,88	99,3	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	1,61	99,6	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	1,51	99,6	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	1,39	99,6	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	1,30	99,6	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	1,67	99,6	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	1,44	99,6	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	0,48	100,5	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	-2,21	100,5	0,00	90,71	-	-	0,00	0,00	-
23	10.123	10.124	-2,73	100,5	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	-2,09	100,5	0,00	90,63	-	-	0,00	0,00	-
25	8.919	8.919	-1,27	100,5	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	-1,42	100,5	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	-2,16	100,5	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	-2,44	100,5	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	-1,67	100,5	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	-1,99	100,5	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	-2,32	100,5	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	-0,50	100,5	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	-0,60	100,5	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	-0,89	100,5	0,00	89,72	-	-	0,00	0,00	-
35	8.913	8.914	-1,26	100,5	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	-1,71	100,5	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	0,55	100,5	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	0,36	100,5	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	0,03	100,5	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	-0,35	100,5	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	-0,93	100,5	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	-0,29	100,5	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	0,64	100,5	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	-1,18	100,5	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	-0,18	100,5	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	0,89	100,5	0,00	88,39	-	-	0,00	0,00	-
Somme			22,12								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,33	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,54	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,55	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,29	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,58	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,42	106,8	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	9,89	103,1	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	7,03	103,1	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	8,07	103,1	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	9,18	103,1	0,00	84,44	-	-	0,00	0,00	-
11	4.182	4.183	10,59	103,1	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	6,64	103,1	0,00	86,28	-	-	0,00	0,00	-
13	5.353	5.354	7,61	103,1	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	8,64	103,1	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	5,68	103,7	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	5,59	103,7	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	5,46	103,7	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	5,37	103,7	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	5,74	103,7	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	5,51	103,7	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	4,62	104,6	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	1,94	104,6	0,00	90,71	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
23	10.123	10.124	1,41	104,6	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	2,05	104,6	0,00	90,63	-	-	0,00	0,00	-
25	8.919	8.919	2,87	104,6	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	2,72	104,6	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	1,98	104,6	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	1,71	104,6	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	2,47	104,6	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	2,16	104,6	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	1,83	104,6	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	3,65	104,6	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	3,54	104,6	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	3,25	104,6	0,00	89,72	-	-	0,00	0,00	-
35	8.913	8.914	2,88	104,6	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	2,43	104,6	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	4,70	104,6	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	4,50	104,6	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	4,18	104,6	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	3,80	104,6	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	3,22	104,6	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	3,85	104,6	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	4,78	104,6	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	2,97	104,6	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	3,97	104,6	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	5,04	104,6	0,00	88,39	-	-	0,00	0,00	-
Somme			24,31								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,23	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,43	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,44	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,21	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,49	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,35	106,8	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	11,16	104,4	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	8,30	104,4	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	9,34	104,4	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	10,46	104,4	0,00	84,44	-	-	0,00	0,00	-
11	4.182	4.183	11,86	104,4	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	7,92	104,4	0,00	86,28	-	-	0,00	0,00	-
13	5.353	5.354	8,89	104,4	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	9,92	104,4	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	8,80	106,8	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	8,70	106,8	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	8,58	106,8	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	8,49	106,8	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	8,86	106,8	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	8,63	106,8	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	7,15	107,1	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	4,47	107,1	0,00	90,71	-	-	0,00	0,00	-
23	10.123	10.124	3,95	107,1	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	4,58	107,1	0,00	90,63	-	-	0,00	0,00	-
25	8.919	8.919	5,41	107,1	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	5,25	107,1	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	4,51	107,1	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	4,24	107,1	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	5,00	107,1	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	4,69	107,1	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	4,36	107,1	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	6,18	107,1	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	6,07	107,1	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	5,78	107,1	0,00	89,72	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	8.913	8.914	5,41	107,1	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	4,96	107,1	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	7,23	107,1	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	7,03	107,1	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	6,71	107,1	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	6,33	107,1	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	5,75	107,1	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	6,38	107,1	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	7,32	107,1	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	5,50	107,1	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	6,50	107,1	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	7,57	107,1	0,00	88,39	-	-	0,00	0,00	-
Somme			25,48								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,13	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,31	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,29	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,14	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,42	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,30	106,8	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	11,19	104,4	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	8,33	104,4	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	9,37	104,4	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	10,49	104,4	0,00	84,44	-	-	0,00	0,00	-
11	4.182	4.183	11,89	104,4	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	7,95	104,4	0,00	86,28	-	-	0,00	0,00	-
13	5.353	5.354	8,92	104,4	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	9,95	104,4	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	9,27	107,3	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	9,17	107,3	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	9,05	107,3	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	8,96	107,3	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	9,32	107,3	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	9,10	107,3	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	4,62	107,3	0,00	90,71	-	-	0,00	0,00	-
23	10.123	10.124	4,10	107,3	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	4,73	107,3	0,00	90,63	-	-	0,00	0,00	-
25	8.919	8.919	5,56	107,3	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	5,40	107,3	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	4,66	107,3	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	5,15	107,3	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	4,84	107,3	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	4,51	107,3	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	6,22	107,3	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	5,93	107,3	0,00	89,72	-	-	0,00	0,00	-
35	8.913	8.914	5,56	107,3	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	5,11	107,3	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	7,38	107,3	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	7,18	107,3	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	6,48	107,3	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	6,53	107,3	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	7,47	107,3	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	5,65	107,3	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	6,65	107,3	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	7,72	107,3	0,00	88,39	-	-	0,00	0,00	-
Somme			25,55								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,32	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,47	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,42	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,36	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,63	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,53	106,8	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	11,19	104,4	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	8,33	104,4	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	9,37	104,4	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	10,49	104,4	0,00	84,44	-	-	0,00	0,00	-
11	4.182	4.183	11,89	104,4	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	7,95	104,4	0,00	86,28	-	-	0,00	0,00	-
13	5.353	5.354	8,92	104,4	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	9,95	104,4	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	9,27	107,3	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	9,17	107,3	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	9,05	107,3	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	8,96	107,3	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	9,32	107,3	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	9,10	107,3	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	4,62	107,3	0,00	90,71	-	-	0,00	0,00	-
23	10.123	10.124	4,10	107,3	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	4,73	107,3	0,00	90,63	-	-	0,00	0,00	-
25	8.919	8.919	5,56	107,3	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	5,40	107,3	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	4,66	107,3	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	5,15	107,3	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	4,84	107,3	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	4,51	107,3	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	6,22	107,3	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	5,93	107,3	0,00	89,72	-	-	0,00	0,00	-
35	8.913	8.914	5,56	107,3	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	5,11	107,3	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	7,38	107,3	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	7,18	107,3	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	6,48	107,3	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	6,53	107,3	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	7,47	107,3	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	5,65	107,3	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	6,65	107,3	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	7,72	107,3	0,00	88,39	-	-	0,00	0,00	-
Somme			25,62								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: N PF4 nocture SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	8,20	101,2	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	9,39	101,2	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	11,36	101,2	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	6,20	101,2	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	6,48	101,2	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	5,35	101,2	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	1,74	94,9	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	-1,12	94,9	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	-0,08	94,9	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	1,04	94,9	0,00	84,44	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
11	4.182	4.183	2,44	94,9	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	-1,51	94,9	0,00	86,28	-	-	0,00	0,00	-
13	5.353	5.354	-0,54	94,9	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	0,49	94,9	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	-2,92	95,1	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	-3,02	95,1	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	-3,14	95,1	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	-3,23	95,1	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	-2,86	95,1	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	-3,09	95,1	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	-4,21	95,8	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	-6,89	95,8	0,00	90,71	-	-	0,00	0,00	-
23	10.123	10.124	-7,42	95,8	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	-6,78	95,8	0,00	90,63	-	-	0,00	0,00	-
25	8.919	8.919	-5,96	95,8	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	-6,11	95,8	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	-6,85	95,8	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	-7,12	95,8	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	-6,36	95,8	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	-6,68	95,8	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	-7,01	95,8	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	-5,18	95,8	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	-5,29	95,8	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	-5,58	95,8	0,00	89,72	-	-	0,00	0,00	-
35	8.913	8.914	-5,95	95,8	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	-6,40	95,8	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	-4,14	95,8	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	-4,33	95,8	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	-4,66	95,8	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	-5,04	95,8	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	-5,62	95,8	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	-4,98	95,8	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	-4,05	95,8	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	-5,87	95,8	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	-4,86	95,8	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	-3,80	95,8	0,00	88,39	-	-	0,00	0,00	-
Somme			17,80								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	12,41	105,9	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	13,61	105,9	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	15,61	105,9	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	10,38	105,9	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	10,67	105,9	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	9,52	105,9	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	6,13	99,3	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	3,27	99,3	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	4,31	99,3	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	5,42	99,3	0,00	84,44	-	-	0,00	0,00	-
11	4.182	4.183	6,83	99,3	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	2,88	99,3	0,00	86,28	-	-	0,00	0,00	-
13	5.353	5.354	3,85	99,3	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	4,88	99,3	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	1,61	99,6	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	1,51	99,6	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	1,39	99,6	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	1,30	99,6	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	1,67	99,6	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	1,44	99,6	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	0,48	100,5	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	-2,21	100,5	0,00	90,71	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
23	10.123	10.124	-2,73	100,5	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	-2,09	100,5	0,00	90,63	-	-	0,00	0,00	-
25	8.919	8.919	-1,27	100,5	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	-1,42	100,5	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	-2,16	100,5	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	-2,44	100,5	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	-1,67	100,5	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	-1,99	100,5	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	-2,32	100,5	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	-0,50	100,5	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	-0,60	100,5	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	-0,89	100,5	0,00	89,72	-	-	0,00	0,00	-
35	8.913	8.914	-1,26	100,5	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	-1,71	100,5	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	0,55	100,5	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	0,36	100,5	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	0,03	100,5	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	-0,35	100,5	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	-0,93	100,5	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	-0,29	100,5	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	0,64	100,5	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	-1,18	100,5	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	-0,18	100,5	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	0,89	100,5	0,00	88,39	-	-	0,00	0,00	-
Somme			22,12								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,33	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,54	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,55	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,29	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,58	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,42	106,8	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	9,89	103,1	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	7,03	103,1	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	8,07	103,1	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	9,18	103,1	0,00	84,44	-	-	0,00	0,00	-
11	4.182	4.183	10,59	103,1	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	6,64	103,1	0,00	86,28	-	-	0,00	0,00	-
13	5.353	5.354	7,61	103,1	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	8,64	103,1	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	5,68	103,7	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	5,59	103,7	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	5,46	103,7	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	5,37	103,7	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	5,74	103,7	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	5,51	103,7	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	4,62	104,6	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	1,94	104,6	0,00	90,71	-	-	0,00	0,00	-
23	10.123	10.124	1,41	104,6	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	2,05	104,6	0,00	90,63	-	-	0,00	0,00	-
25	8.919	8.919	2,87	104,6	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	2,72	104,6	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	1,98	104,6	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	1,71	104,6	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	2,47	104,6	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	2,16	104,6	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	1,83	104,6	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	3,65	104,6	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	3,54	104,6	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	3,25	104,6	0,00	89,72	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	8.913	8.914	2,88	104,6	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	2,43	104,6	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	4,70	104,6	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	4,50	104,6	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	4,18	104,6	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	3,80	104,6	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	3,22	104,6	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	3,85	104,6	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	4,78	104,6	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	2,97	104,6	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	3,97	104,6	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	5,04	104,6	0,00	88,39	-	-	0,00	0,00	-
Somme			24,31								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,23	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,43	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,44	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,21	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,49	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,35	106,8	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	11,16	104,4	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	8,30	104,4	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	9,34	104,4	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	10,46	104,4	0,00	84,44	-	-	0,00	0,00	-
11	4.182	4.183	11,86	104,4	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	7,92	104,4	0,00	86,28	-	-	0,00	0,00	-
13	5.353	5.354	8,89	104,4	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	9,92	104,4	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	8,80	106,8	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	8,70	106,8	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	8,58	106,8	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	8,49	106,8	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	8,86	106,8	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	8,63	106,8	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	7,15	107,1	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	4,47	107,1	0,00	90,71	-	-	0,00	0,00	-
23	10.123	10.124	3,95	107,1	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	4,58	107,1	0,00	90,63	-	-	0,00	0,00	-
25	8.919	8.919	5,41	107,1	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	5,25	107,1	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	4,51	107,1	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	4,24	107,1	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	5,00	107,1	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	4,69	107,1	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	4,36	107,1	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	6,18	107,1	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	6,07	107,1	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	5,78	107,1	0,00	89,72	-	-	0,00	0,00	-
35	8.913	8.914	5,41	107,1	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	4,96	107,1	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	7,23	107,1	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	7,03	107,1	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	6,71	107,1	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	6,33	107,1	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	5,75	107,1	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	6,38	107,1	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	7,32	107,1	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	5,50	107,1	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	6,50	107,1	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	7,57	107,1	0,00	88,39	-	-	0,00	0,00	-
Somme			25,48								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,13	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,31	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,29	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,14	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,42	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,30	106,8	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	11,19	104,4	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	8,33	104,4	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	9,37	104,4	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	10,49	104,4	0,00	84,44	-	-	0,00	0,00	-
11	4.182	4.183	11,89	104,4	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	7,95	104,4	0,00	86,28	-	-	0,00	0,00	-
13	5.353	5.354	8,92	104,4	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	9,95	104,4	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	9,27	107,3	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	9,17	107,3	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	9,05	107,3	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	8,96	107,3	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	9,32	107,3	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	9,10	107,3	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	4,62	107,3	0,00	90,71	-	-	0,00	0,00	-
23	10.123	10.124	4,10	107,3	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	4,73	107,3	0,00	90,63	-	-	0,00	0,00	-
25	8.919	8.919	5,56	107,3	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	5,40	107,3	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	4,66	107,3	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	5,15	107,3	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	4,84	107,3	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	4,51	107,3	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	6,22	107,3	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	5,93	107,3	0,00	89,72	-	-	0,00	0,00	-
35	8.913	8.914	5,56	107,3	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	5,11	107,3	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	7,38	107,3	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	7,18	107,3	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	6,48	107,3	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	6,53	107,3	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	7,47	107,3	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	5,65	107,3	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	6,65	107,3	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	7,72	107,3	0,00	88,39	-	-	0,00	0,00	-
Somme			25,55								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,32	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,47	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,42	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,36	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,63	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,53	106,8	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	11,19	104,4	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	8,33	104,4	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	9,37	104,4	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	10,49	104,4	0,00	84,44	-	-	0,00	0,00	-
11	4.182	4.183	11,89	104,4	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	7,95	104,4	0,00	86,28	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
13	5.353	5.354	8,92	104,4	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	9,95	104,4	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	9,27	107,3	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	9,17	107,3	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	9,05	107,3	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	8,96	107,3	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	9,32	107,3	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	9,10	107,3	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	4,62	107,3	0,00	90,71	-	-	0,00	0,00	-
23	10.123	10.124	4,10	107,3	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	4,73	107,3	0,00	90,63	-	-	0,00	0,00	-
25	8.919	8.919	5,56	107,3	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	5,40	107,3	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	4,66	107,3	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	5,15	107,3	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	4,84	107,3	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	4,51	107,3	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	6,22	107,3	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	5,93	107,3	0,00	89,72	-	-	0,00	0,00	-
35	8.913	8.914	5,56	107,3	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	5,11	107,3	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	7,38	107,3	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	7,18	107,3	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	6,48	107,3	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	6,53	107,3	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	7,47	107,3	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	5,65	107,3	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	6,65	107,3	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	7,72	107,3	0,00	88,39	-	-	0,00	0,00	-
Somme			25,62								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: O PF4 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	8,20	101,2	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	9,39	101,2	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	11,36	101,2	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	6,20	101,2	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	6,48	101,2	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	5,35	101,2	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	1,74	94,9	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	-1,12	94,9	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	-0,08	94,9	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	1,04	94,9	0,00	84,44	-	-	0,00	0,00	-
11	4.182	4.183	2,44	94,9	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	-1,51	94,9	0,00	86,28	-	-	0,00	0,00	-
13	5.353	5.354	-0,54	94,9	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	0,49	94,9	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	-2,92	95,1	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	-3,02	95,1	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	-3,14	95,1	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	-3,23	95,1	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	-2,86	95,1	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	-3,09	95,1	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	-4,21	95,8	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	-6,89	95,8	0,00	90,71	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
23	10.123	10.124	-7,42	95,8	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	-6,78	95,8	0,00	90,63	-	-	0,00	0,00	-
25	8.919	8.919	-5,96	95,8	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	-6,11	95,8	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	-6,85	95,8	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	-7,12	95,8	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	-6,36	95,8	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	-6,68	95,8	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	-7,01	95,8	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	-5,18	95,8	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	-5,29	95,8	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	-5,58	95,8	0,00	89,72	-	-	0,00	0,00	-
35	8.913	8.914	-5,95	95,8	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	-6,40	95,8	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	-4,14	95,8	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	-4,33	95,8	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	-4,66	95,8	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	-5,04	95,8	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	-5,62	95,8	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	-4,98	95,8	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	-4,05	95,8	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	-5,87	95,8	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	-4,86	95,8	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	-3,80	95,8	0,00	88,39	-	-	0,00	0,00	-
Somme			17,80								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	12,41	105,9	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	13,61	105,9	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	15,61	105,9	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	10,38	105,9	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	10,67	105,9	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	9,52	105,9	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	6,13	99,3	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	3,27	99,3	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	4,31	99,3	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	5,42	99,3	0,00	84,44	-	-	0,00	0,00	-
11	4.182	4.183	6,83	99,3	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	2,88	99,3	0,00	86,28	-	-	0,00	0,00	-
13	5.353	5.354	3,85	99,3	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	4,88	99,3	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	1,61	99,6	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	1,51	99,6	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	1,39	99,6	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	1,30	99,6	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	1,67	99,6	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	1,44	99,6	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	0,48	100,5	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	-2,21	100,5	0,00	90,71	-	-	0,00	0,00	-
23	10.123	10.124	-2,73	100,5	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	-2,09	100,5	0,00	90,63	-	-	0,00	0,00	-
25	8.919	8.919	-1,27	100,5	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	-1,42	100,5	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	-2,16	100,5	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	-2,44	100,5	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	-1,67	100,5	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	-1,99	100,5	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	-2,32	100,5	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	-0,50	100,5	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	-0,60	100,5	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	-0,89	100,5	0,00	89,72	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	8.913	8.914	-1,26	100,5	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	-1,71	100,5	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	0,55	100,5	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	0,36	100,5	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	0,03	100,5	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	-0,35	100,5	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	-0,93	100,5	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	-0,29	100,5	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	0,64	100,5	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	-1,18	100,5	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	-0,18	100,5	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	0,89	100,5	0,00	88,39	-	-	0,00	0,00	-
Somme			22,12								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,33	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,54	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,55	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,29	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,58	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,42	106,8	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	9,89	103,1	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	7,03	103,1	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	8,07	103,1	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	9,18	103,1	0,00	84,44	-	-	0,00	0,00	-
11	4.182	4.183	10,59	103,1	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	6,64	103,1	0,00	86,28	-	-	0,00	0,00	-
13	5.353	5.354	7,61	103,1	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	8,64	103,1	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	5,68	103,7	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	5,59	103,7	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	5,46	103,7	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	5,37	103,7	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	5,74	103,7	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	5,51	103,7	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	4,62	104,6	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	1,94	104,6	0,00	90,71	-	-	0,00	0,00	-
23	10.123	10.124	1,41	104,6	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	2,05	104,6	0,00	90,63	-	-	0,00	0,00	-
25	8.919	8.919	2,87	104,6	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	2,72	104,6	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	1,98	104,6	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	1,71	104,6	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	2,47	104,6	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	2,16	104,6	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	1,83	104,6	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	3,65	104,6	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	3,54	104,6	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	3,25	104,6	0,00	89,72	-	-	0,00	0,00	-
35	8.913	8.914	2,88	104,6	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	2,43	104,6	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	4,70	104,6	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	4,50	104,6	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	4,18	104,6	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	3,80	104,6	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	3,22	104,6	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	3,85	104,6	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	4,78	104,6	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	2,97	104,6	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	3,97	104,6	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	5,04	104,6	0,00	88,39	-	-	0,00	0,00	-
Somme			24,31								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,23	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,43	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,44	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,21	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,49	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,35	106,8	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	11,16	104,4	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	8,30	104,4	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	9,34	104,4	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	10,46	104,4	0,00	84,44	-	-	0,00	0,00	-
11	4.182	4.183	11,86	104,4	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	7,92	104,4	0,00	86,28	-	-	0,00	0,00	-
13	5.353	5.354	8,89	104,4	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	9,92	104,4	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	8,80	106,8	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	8,70	106,8	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	8,58	106,8	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	8,49	106,8	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	8,86	106,8	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	8,63	106,8	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	7,15	107,1	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	4,47	107,1	0,00	90,71	-	-	0,00	0,00	-
23	10.123	10.124	3,95	107,1	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	4,58	107,1	0,00	90,63	-	-	0,00	0,00	-
25	8.919	8.919	5,41	107,1	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	5,25	107,1	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	4,51	107,1	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	4,24	107,1	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	5,00	107,1	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	4,69	107,1	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	4,36	107,1	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	6,18	107,1	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	6,07	107,1	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	5,78	107,1	0,00	89,72	-	-	0,00	0,00	-
35	8.913	8.914	5,41	107,1	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	4,96	107,1	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	7,23	107,1	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	7,03	107,1	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	6,71	107,1	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	6,33	107,1	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	5,75	107,1	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	6,38	107,1	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	7,32	107,1	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	5,50	107,1	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	6,50	107,1	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	7,57	107,1	0,00	88,39	-	-	0,00	0,00	-
Somme			25,48								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,13	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,31	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,29	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,14	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,42	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,30	106,8	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	11,19	104,4	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	8,33	104,4	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	9,37	104,4	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	10,49	104,4	0,00	84,44	-	-	0,00	0,00	-
11	4.182	4.183	11,89	104,4	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	7,95	104,4	0,00	86,28	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
13	5.353	5.354	8,92	104,4	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	9,95	104,4	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	9,27	107,3	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	9,17	107,3	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	9,05	107,3	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	8,96	107,3	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	9,32	107,3	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	9,10	107,3	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	4,62	107,3	0,00	90,71	-	-	0,00	0,00	-
23	10.123	10.124	4,10	107,3	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	4,73	107,3	0,00	90,63	-	-	0,00	0,00	-
25	8.919	8.919	5,56	107,3	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	5,40	107,3	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	4,66	107,3	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	5,15	107,3	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	4,84	107,3	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	4,51	107,3	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	6,22	107,3	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	5,93	107,3	0,00	89,72	-	-	0,00	0,00	-
35	8.913	8.914	5,56	107,3	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	5,11	107,3	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	7,38	107,3	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	7,18	107,3	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	6,48	107,3	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	6,53	107,3	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	7,47	107,3	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	5,65	107,3	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	6,65	107,3	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	7,72	107,3	0,00	88,39	-	-	0,00	0,00	-
Somme			25,55								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.632	3.635	13,32	106,8	0,00	82,21	-	-	0,00	0,00	-
2	3.328	3.331	14,47	106,8	0,00	81,45	-	-	0,00	0,00	-
3	2.875	2.879	16,42	106,8	0,00	80,18	-	-	0,00	0,00	-
4	4.215	4.218	11,36	106,8	0,00	83,50	-	-	0,00	0,00	-
5	4.128	4.131	11,63	106,8	0,00	83,32	-	-	0,00	0,00	-
6	4.525	4.528	10,53	106,8	0,00	84,12	-	-	0,00	0,00	-
7	4.432	4.432	11,19	104,4	0,00	83,93	-	-	0,00	0,00	-
8	5.622	5.622	8,33	104,4	0,00	86,00	-	-	0,00	0,00	-
9	5.155	5.156	9,37	104,4	0,00	85,25	-	-	0,00	0,00	-
10	4.699	4.699	10,49	104,4	0,00	84,44	-	-	0,00	0,00	-
11	4.182	4.183	11,89	104,4	0,00	83,43	-	-	0,00	0,00	-
12	5.804	5.805	7,95	104,4	0,00	86,28	-	-	0,00	0,00	-
13	5.353	5.354	8,92	104,4	0,00	85,57	-	-	0,00	0,00	-
14	4.915	4.915	9,95	104,4	0,00	84,83	-	-	0,00	0,00	-
15	6.624	6.625	9,27	107,3	0,00	87,42	-	-	0,00	0,00	-
16	6.678	6.679	9,17	107,3	0,00	87,49	-	-	0,00	0,00	-
17	6.746	6.747	9,05	107,3	0,00	87,58	-	-	0,00	0,00	-
18	6.799	6.801	8,96	107,3	0,00	87,65	-	-	0,00	0,00	-
19	6.592	6.593	9,32	107,3	0,00	87,38	-	-	0,00	0,00	-
20	6.719	6.720	9,10	107,3	0,00	87,55	-	-	0,00	0,00	-
21	7.673	7.674	7,30	107,3	0,00	88,70	-	-	0,00	0,00	-
22	9.672	9.673	4,62	107,3	0,00	90,71	-	-	0,00	0,00	-
23	10.123	10.124	4,10	107,3	0,00	91,11	-	-	0,00	0,00	-
24	9.579	9.580	4,73	107,3	0,00	90,63	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
25	8.919	8.919	5,56	107,3	0,00	90,01	-	-	0,00	0,00	-
26	9.037	9.038	5,40	107,3	0,00	90,12	-	-	0,00	0,00	-
27	9.634	9.635	4,66	107,3	0,00	90,68	-	-	0,00	0,00	-
28	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
29	9.236	9.237	5,15	107,3	0,00	90,31	-	-	0,00	0,00	-
30	9.491	9.493	4,84	107,3	0,00	90,55	-	-	0,00	0,00	-
31	9.768	9.769	4,51	107,3	0,00	90,80	-	-	0,00	0,00	-
32	8.342	8.343	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
33	8.420	8.421	6,22	107,3	0,00	89,51	-	-	0,00	0,00	-
34	8.633	8.634	5,93	107,3	0,00	89,72	-	-	0,00	0,00	-
35	8.913	8.914	5,56	107,3	0,00	90,00	-	-	0,00	0,00	-
36	9.267	9.268	5,11	107,3	0,00	90,34	-	-	0,00	0,00	-
37	7.624	7.625	7,38	107,3	0,00	88,65	-	-	0,00	0,00	-
38	7.753	7.754	7,18	107,3	0,00	88,79	-	-	0,00	0,00	-
39	7.971	7.973	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
40	8.236	8.238	6,48	107,3	0,00	89,32	-	-	0,00	0,00	-
41	8.658	8.659	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
42	8.198	8.199	6,53	107,3	0,00	89,28	-	-	0,00	0,00	-
43	7.566	7.567	7,47	107,3	0,00	88,58	-	-	0,00	0,00	-
44	8.848	8.850	5,65	107,3	0,00	89,94	-	-	0,00	0,00	-
45	8.115	8.117	6,65	107,3	0,00	89,19	-	-	0,00	0,00	-
46	7.405	7.407	7,72	107,3	0,00	88,39	-	-	0,00	0,00	-
Somme			25,62								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: P PF5 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	6,83	101,2	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	7,52	101,2	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	8,76	101,2	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	5,15	101,2	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	5,88	101,2	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	4,17	101,2	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	-0,81	94,9	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	-3,19	94,9	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	-2,32	94,9	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	-1,41	94,9	0,00	86,21	-	-	0,00	0,00	-
11	5.238	5.238	-0,27	94,9	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	-3,51	94,9	0,00	87,73	-	-	0,00	0,00	-
13	6.410	6.411	-2,69	94,9	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	-1,84	94,9	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	-3,89	95,1	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	-4,05	95,1	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	-4,24	95,1	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	-4,41	95,1	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	-4,36	95,1	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	-4,62	95,1	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	-5,08	95,8	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	-7,48	95,8	0,00	91,15	-	-	0,00	0,00	-
23	10.652	10.653	-8,00	95,8	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	-7,76	95,8	0,00	91,37	-	-	0,00	0,00	-
25	9.764	9.766	-7,00	95,8	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	-7,09	95,8	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	-7,77	95,8	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	-7,96	95,8	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	-7,24	95,8	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	-7,46	95,8	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	-7,69	95,8	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	-6,30	95,8	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	-6,33	95,8	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	-6,50	95,8	0,00	90,41	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	9.558	9.559	-6,76	95,8	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	-7,09	95,8	0,00	90,86	-	-	0,00	0,00	-
37	8.462	8.464	-5,35	95,8	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	-5,45	95,8	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	-5,65	95,8	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	-5,90	95,8	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	-6,33	95,8	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	-5,69	95,8	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	-4,80	95,8	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	-6,41	95,8	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	-5,46	95,8	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	-4,44	95,8	0,00	88,87	-	-	0,00	0,00	-
Somme			16,15								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,02	105,9	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	11,72	105,9	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	12,97	105,9	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	9,32	105,9	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,06	105,9	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	8,33	105,9	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	3,58	99,3	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	1,20	99,3	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	2,07	99,3	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	2,98	99,3	0,00	86,21	-	-	0,00	0,00	-
11	5.238	5.238	4,12	99,3	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	0,88	99,3	0,00	87,73	-	-	0,00	0,00	-
13	6.410	6.411	1,69	99,3	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	2,55	99,3	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	0,64	99,6	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	0,48	99,6	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	0,29	99,6	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	0,12	99,6	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	0,17	99,6	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	-0,10	99,6	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	-0,39	100,5	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	-2,79	100,5	0,00	91,15	-	-	0,00	0,00	-
23	10.652	10.653	-3,31	100,5	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	-3,08	100,5	0,00	91,37	-	-	0,00	0,00	-
25	9.764	9.766	-2,31	100,5	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	-2,40	100,5	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	-3,09	100,5	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	-3,27	100,5	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	-2,55	100,5	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	-2,77	100,5	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	-3,00	100,5	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	-1,61	100,5	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	-1,64	100,5	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	-1,81	100,5	0,00	90,41	-	-	0,00	0,00	-
35	9.558	9.559	-2,07	100,5	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	-2,40	100,5	0,00	90,86	-	-	0,00	0,00	-
37	8.462	8.464	-0,66	100,5	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	-0,76	100,5	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	-0,96	100,5	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	-1,21	100,5	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	-1,64	100,5	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	-1,00	100,5	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	-0,11	100,5	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	-1,72	100,5	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	-0,77	100,5	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	0,24	100,5	0,00	88,87	-	-	0,00	0,00	-
Somme			20,46								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,93	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,64	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,90	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,22	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,96	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,22	106,8	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	7,34	103,1	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	4,96	103,1	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	5,83	103,1	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	6,74	103,1	0,00	86,21	-	-	0,00	0,00	-
11	5.238	5.238	7,88	103,1	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	4,64	103,1	0,00	87,73	-	-	0,00	0,00	-
13	6.410	6.411	5,46	103,1	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	6,31	103,1	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	4,71	103,7	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	4,55	103,7	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	4,37	103,7	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	4,20	103,7	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	4,24	103,7	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	3,98	103,7	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	3,76	104,6	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	1,35	104,6	0,00	91,15	-	-	0,00	0,00	-
23	10.652	10.653	0,83	104,6	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	1,07	104,6	0,00	91,37	-	-	0,00	0,00	-
25	9.764	9.766	1,83	104,6	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	1,75	104,6	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	1,06	104,6	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	0,88	104,6	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	1,59	104,6	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	1,37	104,6	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	1,14	104,6	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	2,54	104,6	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	2,51	104,6	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	2,33	104,6	0,00	90,41	-	-	0,00	0,00	-
35	9.558	9.559	2,07	104,6	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	1,74	104,6	0,00	90,86	-	-	0,00	0,00	-
37	8.462	8.464	3,48	104,6	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	3,39	104,6	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	3,19	104,6	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	2,93	104,6	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	2,50	104,6	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	3,14	104,6	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	4,03	104,6	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	2,42	104,6	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	3,38	104,6	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	4,39	104,6	0,00	88,87	-	-	0,00	0,00	-
Somme			22,69								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,84	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,54	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,79	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,15	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,88	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,16	106,8	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	8,62	104,4	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	6,24	104,4	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	7,10	104,4	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	8,01	104,4	0,00	86,21	-	-	0,00	0,00	-
11	5.238	5.238	9,15	104,4	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	5,92	104,4	0,00	87,73	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
13	6.410	6.411	6,73	104,4	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	7,58	104,4	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	7,83	106,8	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	7,67	106,8	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	7,48	106,8	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	7,31	106,8	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	7,36	106,8	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	7,09	106,8	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	6,29	107,1	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	3,88	107,1	0,00	91,15	-	-	0,00	0,00	-
23	10.652	10.653	3,36	107,1	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	3,60	107,1	0,00	91,37	-	-	0,00	0,00	-
25	9.764	9.766	4,36	107,1	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	4,28	107,1	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	3,59	107,1	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	3,41	107,1	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	4,12	107,1	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	3,90	107,1	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	3,67	107,1	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	5,07	107,1	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	5,04	107,1	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	4,87	107,1	0,00	90,41	-	-	0,00	0,00	-
35	9.558	9.559	4,61	107,1	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	4,27	107,1	0,00	90,86	-	-	0,00	0,00	-
37	8.462	8.464	6,01	107,1	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	5,92	107,1	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	5,72	107,1	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	5,46	107,1	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	5,03	107,1	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	5,68	107,1	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	6,56	107,1	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	4,95	107,1	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	5,91	107,1	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	6,92	107,1	0,00	88,87	-	-	0,00	0,00	-
Somme			23,96								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,76	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,45	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,68	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,11	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,82	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,14	106,8	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	8,64	104,4	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	6,27	104,4	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	7,13	104,4	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	8,04	104,4	0,00	86,21	-	-	0,00	0,00	-
11	5.238	5.238	9,18	104,4	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	5,95	104,4	0,00	87,73	-	-	0,00	0,00	-
13	6.410	6.411	6,76	104,4	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	7,61	104,4	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	8,30	107,3	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	7,95	107,3	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	7,78	107,3	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	7,83	107,3	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	7,56	107,3	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	6,44	107,3	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	4,03	107,3	0,00	91,15	-	-	0,00	0,00	-
23	10.652	10.653	3,51	107,3	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	3,75	107,3	0,00	91,37	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
25	9.764	9.766	4,51	107,3	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	4,43	107,3	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	3,74	107,3	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	3,56	107,3	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	4,27	107,3	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	4,05	107,3	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	5,22	107,3	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	5,19	107,3	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	5,02	107,3	0,00	90,41	-	-	0,00	0,00	-
35	9.558	9.559	4,76	107,3	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	4,42	107,3	0,00	90,86	-	-	0,00	0,00	-
37	8.462	8.464	6,16	107,3	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	6,07	107,3	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	5,87	107,3	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	5,61	107,3	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	5,18	107,3	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	5,83	107,3	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	6,71	107,3	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	5,10	107,3	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	6,06	107,3	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	7,07	107,3	0,00	88,87	-	-	0,00	0,00	-
Somme			24,05								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,97	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,64	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,86	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,34	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	11,04	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,39	106,8	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	8,64	104,4	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	6,27	104,4	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	7,13	104,4	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	8,04	104,4	0,00	86,21	-	-	0,00	0,00	-
11	5.238	5.238	9,18	104,4	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	5,95	104,4	0,00	87,73	-	-	0,00	0,00	-
13	6.410	6.411	6,76	104,4	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	7,61	104,4	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	8,30	107,3	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	7,95	107,3	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	7,78	107,3	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	7,83	107,3	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	7,56	107,3	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	6,44	107,3	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	4,03	107,3	0,00	91,15	-	-	0,00	0,00	-
23	10.652	10.653	3,51	107,3	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	3,75	107,3	0,00	91,37	-	-	0,00	0,00	-
25	9.764	9.766	4,51	107,3	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	4,43	107,3	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	3,74	107,3	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	3,56	107,3	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	4,27	107,3	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	4,05	107,3	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	5,22	107,3	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	5,19	107,3	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	5,02	107,3	0,00	90,41	-	-	0,00	0,00	-
35	9.558	9.559	4,76	107,3	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	4,42	107,3	0,00	90,86	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
37	8.462	8.464	6,16	107,3	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	6,07	107,3	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	5,87	107,3	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	5,61	107,3	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	5,18	107,3	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	5,83	107,3	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	6,71	107,3	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	5,10	107,3	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	6,06	107,3	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	7,07	107,3	0,00	88,87	-	-	0,00	0,00	-
Somme			24,13								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglementé: Q PF5 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	6,83	101,2	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	7,52	101,2	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	8,76	101,2	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	5,15	101,2	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	5,88	101,2	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	4,17	101,2	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	-0,81	94,9	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	-3,19	94,9	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	-2,32	94,9	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	-1,41	94,9	0,00	86,21	-	-	0,00	0,00	-
11	5.238	5.238	-0,27	94,9	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	-3,51	94,9	0,00	87,73	-	-	0,00	0,00	-
13	6.410	6.411	-2,69	94,9	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	-1,84	94,9	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	-3,89	95,1	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	-4,05	95,1	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	-4,24	95,1	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	-4,41	95,1	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	-4,36	95,1	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	-4,62	95,1	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	-5,08	95,8	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	-7,48	95,8	0,00	91,15	-	-	0,00	0,00	-
23	10.652	10.653	-8,00	95,8	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	-7,76	95,8	0,00	91,37	-	-	0,00	0,00	-
25	9.764	9.766	-7,00	95,8	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	-7,09	95,8	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	-7,77	95,8	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	-7,96	95,8	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	-7,24	95,8	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	-7,46	95,8	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	-7,69	95,8	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	-6,30	95,8	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	-6,33	95,8	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	-6,50	95,8	0,00	90,41	-	-	0,00	0,00	-
35	9.558	9.559	-6,76	95,8	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	-7,09	95,8	0,00	90,86	-	-	0,00	0,00	-
37	8.462	8.464	-5,35	95,8	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	-5,45	95,8	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	-5,65	95,8	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	-5,90	95,8	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	-6,33	95,8	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	-5,69	95,8	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	-4,80	95,8	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	-6,41	95,8	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	-5,46	95,8	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	-4,44	95,8	0,00	88,87	-	-	0,00	0,00	-
Somme			16,15								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,02	105,9	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	11,72	105,9	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	12,97	105,9	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	9,32	105,9	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,06	105,9	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	8,33	105,9	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	3,58	99,3	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	1,20	99,3	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	2,07	99,3	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	2,98	99,3	0,00	86,21	-	-	0,00	0,00	-
11	5.238	5.238	4,12	99,3	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	0,88	99,3	0,00	87,73	-	-	0,00	0,00	-
13	6.410	6.411	1,69	99,3	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	2,55	99,3	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	0,64	99,6	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	0,48	99,6	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	0,29	99,6	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	0,12	99,6	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	0,17	99,6	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	-0,10	99,6	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	-0,39	100,5	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	-2,79	100,5	0,00	91,15	-	-	0,00	0,00	-
23	10.652	10.653	-3,31	100,5	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	-3,08	100,5	0,00	91,37	-	-	0,00	0,00	-
25	9.764	9.766	-2,31	100,5	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	-2,40	100,5	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	-3,09	100,5	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	-3,27	100,5	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	-2,55	100,5	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	-2,77	100,5	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	-3,00	100,5	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	-1,61	100,5	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	-1,64	100,5	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	-1,81	100,5	0,00	90,41	-	-	0,00	0,00	-
35	9.558	9.559	-2,07	100,5	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	-2,40	100,5	0,00	90,86	-	-	0,00	0,00	-
37	8.462	8.464	-0,66	100,5	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	-0,76	100,5	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	-0,96	100,5	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	-1,21	100,5	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	-1,64	100,5	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	-1,00	100,5	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	-0,11	100,5	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	-1,72	100,5	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	-0,77	100,5	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	0,24	100,5	0,00	88,87	-	-	0,00	0,00	-
Somme			20,46								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,93	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,64	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,90	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,22	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,96	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,22	106,8	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	7,34	103,1	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	4,96	103,1	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	5,83	103,1	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	6,74	103,1	0,00	86,21	-	-	0,00	0,00	-
11	5.238	5.238	7,88	103,1	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	4,64	103,1	0,00	87,73	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
13	6.410	6.411	5,46	103,1	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	6,31	103,1	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	4,71	103,7	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	4,55	103,7	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	4,37	103,7	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	4,20	103,7	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	4,24	103,7	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	3,98	103,7	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	3,76	104,6	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	1,35	104,6	0,00	91,15	-	-	0,00	0,00	-
23	10.652	10.653	0,83	104,6	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	1,07	104,6	0,00	91,37	-	-	0,00	0,00	-
25	9.764	9.766	1,83	104,6	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	1,75	104,6	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	1,06	104,6	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	0,88	104,6	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	1,59	104,6	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	1,37	104,6	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	1,14	104,6	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	2,54	104,6	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	2,51	104,6	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	2,33	104,6	0,00	90,41	-	-	0,00	0,00	-
35	9.558	9.559	2,07	104,6	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	1,74	104,6	0,00	90,86	-	-	0,00	0,00	-
37	8.462	8.464	3,48	104,6	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	3,39	104,6	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	3,19	104,6	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	2,93	104,6	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	2,50	104,6	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	3,14	104,6	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	4,03	104,6	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	2,42	104,6	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	3,38	104,6	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	4,39	104,6	0,00	88,87	-	-	0,00	0,00	-
Somme			22,69								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,84	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,54	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,79	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,15	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,88	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,16	106,8	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	8,62	104,4	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	6,24	104,4	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	7,10	104,4	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	8,01	104,4	0,00	86,21	-	-	0,00	0,00	-
11	5.238	5.238	9,15	104,4	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	5,92	104,4	0,00	87,73	-	-	0,00	0,00	-
13	6.410	6.411	6,73	104,4	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	7,58	104,4	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	7,83	106,8	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	7,67	106,8	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	7,48	106,8	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	7,31	106,8	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	7,36	106,8	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	7,09	106,8	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	6,29	107,1	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	3,88	107,1	0,00	91,15	-	-	0,00	0,00	-
23	10.652	10.653	3,36	107,1	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	3,60	107,1	0,00	91,37	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
25	9.764	9.766	4,36	107,1	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	4,28	107,1	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	3,59	107,1	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	3,41	107,1	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	4,12	107,1	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	3,90	107,1	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	3,67	107,1	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	5,07	107,1	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	5,04	107,1	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	4,87	107,1	0,00	90,41	-	-	0,00	0,00	-
35	9.558	9.559	4,61	107,1	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	4,27	107,1	0,00	90,86	-	-	0,00	0,00	-
37	8.462	8.464	6,01	107,1	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	5,92	107,1	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	5,72	107,1	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	5,46	107,1	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	5,03	107,1	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	5,68	107,1	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	6,56	107,1	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	4,95	107,1	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	5,91	107,1	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	6,92	107,1	0,00	88,87	-	-	0,00	0,00	-
Somme			23,96								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,76	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,45	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,68	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,11	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,82	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,14	106,8	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	8,64	104,4	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	6,27	104,4	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	7,13	104,4	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	8,04	104,4	0,00	86,21	-	-	0,00	0,00	-
11	5.238	5.238	9,18	104,4	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	5,95	104,4	0,00	87,73	-	-	0,00	0,00	-
13	6.410	6.411	6,76	104,4	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	7,61	104,4	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	8,30	107,3	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	7,95	107,3	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	7,78	107,3	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	7,83	107,3	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	7,56	107,3	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	6,44	107,3	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	4,03	107,3	0,00	91,15	-	-	0,00	0,00	-
23	10.652	10.653	3,51	107,3	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	3,75	107,3	0,00	91,37	-	-	0,00	0,00	-
25	9.764	9.766	4,51	107,3	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	4,43	107,3	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	3,74	107,3	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	3,56	107,3	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	4,27	107,3	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	4,05	107,3	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	5,22	107,3	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	5,19	107,3	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	5,02	107,3	0,00	90,41	-	-	0,00	0,00	-
35	9.558	9.559	4,76	107,3	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	4,42	107,3	0,00	90,86	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
37	8.462	8.464	6,16	107,3	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	6,07	107,3	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	5,87	107,3	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	5,61	107,3	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	5,18	107,3	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	5,83	107,3	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	6,71	107,3	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	5,10	107,3	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	6,06	107,3	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	7,07	107,3	0,00	88,87	-	-	0,00	0,00	-
Somme			24,05								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,97	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,64	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,86	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,34	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	11,04	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,39	106,8	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	8,64	104,4	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	6,27	104,4	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	7,13	104,4	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	8,04	104,4	0,00	86,21	-	-	0,00	0,00	-
11	5.238	5.238	9,18	104,4	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	5,95	104,4	0,00	87,73	-	-	0,00	0,00	-
13	6.410	6.411	6,76	104,4	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	7,61	104,4	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	8,30	107,3	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	7,95	107,3	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	7,78	107,3	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	7,83	107,3	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	7,56	107,3	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	6,44	107,3	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	4,03	107,3	0,00	91,15	-	-	0,00	0,00	-
23	10.652	10.653	3,51	107,3	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	3,75	107,3	0,00	91,37	-	-	0,00	0,00	-
25	9.764	9.766	4,51	107,3	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	4,43	107,3	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	3,74	107,3	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	3,56	107,3	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	4,27	107,3	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	4,05	107,3	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	5,22	107,3	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	5,19	107,3	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	5,02	107,3	0,00	90,41	-	-	0,00	0,00	-
35	9.558	9.559	4,76	107,3	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	4,42	107,3	0,00	90,86	-	-	0,00	0,00	-
37	8.462	8.464	6,16	107,3	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	6,07	107,3	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	5,87	107,3	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	5,61	107,3	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	5,18	107,3	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	5,83	107,3	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	6,71	107,3	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	5,10	107,3	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	6,06	107,3	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	7,07	107,3	0,00	88,87	-	-	0,00	0,00	-
Somme			24,13								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglémenté: R PF5 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	6,83	101,2	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	7,52	101,2	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	8,76	101,2	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	5,15	101,2	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	5,88	101,2	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	4,17	101,2	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	-0,81	94,9	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	-3,19	94,9	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	-2,32	94,9	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	-1,41	94,9	0,00	86,21	-	-	0,00	0,00	-
11	5.238	5.238	-0,27	94,9	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	-3,51	94,9	0,00	87,73	-	-	0,00	0,00	-
13	6.410	6.411	-2,69	94,9	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	-1,84	94,9	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	-3,89	95,1	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	-4,05	95,1	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	-4,24	95,1	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	-4,41	95,1	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	-4,36	95,1	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	-4,62	95,1	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	-5,08	95,8	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	-7,48	95,8	0,00	91,15	-	-	0,00	0,00	-
23	10.652	10.653	-8,00	95,8	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	-7,76	95,8	0,00	91,37	-	-	0,00	0,00	-
25	9.764	9.766	-7,00	95,8	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	-7,09	95,8	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	-7,77	95,8	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	-7,96	95,8	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	-7,24	95,8	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	-7,46	95,8	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	-7,69	95,8	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	-6,30	95,8	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	-6,33	95,8	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	-6,50	95,8	0,00	90,41	-	-	0,00	0,00	-
35	9.558	9.559	-6,76	95,8	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	-7,09	95,8	0,00	90,86	-	-	0,00	0,00	-
37	8.462	8.464	-5,35	95,8	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	-5,45	95,8	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	-5,65	95,8	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	-5,90	95,8	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	-6,33	95,8	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	-5,69	95,8	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	-4,80	95,8	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	-6,41	95,8	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	-5,46	95,8	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	-4,44	95,8	0,00	88,87	-	-	0,00	0,00	-
Somme			16,15								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,02	105,9	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	11,72	105,9	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	12,97	105,9	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	9,32	105,9	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,06	105,9	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	8,33	105,9	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	3,58	99,3	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	1,20	99,3	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	2,07	99,3	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	2,98	99,3	0,00	86,21	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
11	5.238	5.238	4,12	99,3	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	0,88	99,3	0,00	87,73	-	-	0,00	0,00	-
13	6.410	6.411	1,69	99,3	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	2,55	99,3	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	0,64	99,6	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	0,48	99,6	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	0,29	99,6	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	0,12	99,6	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	0,17	99,6	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	-0,10	99,6	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	-0,39	100,5	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	-2,79	100,5	0,00	91,15	-	-	0,00	0,00	-
23	10.652	10.653	-3,31	100,5	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	-3,08	100,5	0,00	91,37	-	-	0,00	0,00	-
25	9.764	9.766	-2,31	100,5	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	-2,40	100,5	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	-3,09	100,5	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	-3,27	100,5	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	-2,55	100,5	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	-2,77	100,5	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	-3,00	100,5	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	-1,61	100,5	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	-1,64	100,5	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	-1,81	100,5	0,00	90,41	-	-	0,00	0,00	-
35	9.558	9.559	-2,07	100,5	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	-2,40	100,5	0,00	90,86	-	-	0,00	0,00	-
37	8.462	8.464	-0,66	100,5	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	-0,76	100,5	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	-0,96	100,5	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	-1,21	100,5	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	-1,64	100,5	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	-1,00	100,5	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	-0,11	100,5	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	-1,72	100,5	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	-0,77	100,5	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	0,24	100,5	0,00	88,87	-	-	0,00	0,00	-
Somme			20,46								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,93	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,64	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,90	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,22	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,96	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,22	106,8	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	7,34	103,1	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	4,96	103,1	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	5,83	103,1	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	6,74	103,1	0,00	86,21	-	-	0,00	0,00	-
11	5.238	5.238	7,88	103,1	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	4,64	103,1	0,00	87,73	-	-	0,00	0,00	-
13	6.410	6.411	5,46	103,1	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	6,31	103,1	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	4,71	103,7	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	4,55	103,7	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	4,37	103,7	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	4,20	103,7	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	4,24	103,7	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	3,98	103,7	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	3,76	104,6	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	1,35	104,6	0,00	91,15	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
23	10.652	10.653	0,83	104,6	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	1,07	104,6	0,00	91,37	-	-	0,00	0,00	-
25	9.764	9.766	1,83	104,6	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	1,75	104,6	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	1,06	104,6	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	0,88	104,6	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	1,59	104,6	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	1,37	104,6	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	1,14	104,6	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	2,54	104,6	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	2,51	104,6	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	2,33	104,6	0,00	90,41	-	-	0,00	0,00	-
35	9.558	9.559	2,07	104,6	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	1,74	104,6	0,00	90,86	-	-	0,00	0,00	-
37	8.462	8.464	3,48	104,6	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	3,39	104,6	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	3,19	104,6	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	2,93	104,6	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	2,50	104,6	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	3,14	104,6	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	4,03	104,6	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	2,42	104,6	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	3,38	104,6	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	4,39	104,6	0,00	88,87	-	-	0,00	0,00	-
Somme			22,69								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,84	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,54	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,79	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,15	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,88	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,16	106,8	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	8,62	104,4	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	6,24	104,4	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	7,10	104,4	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	8,01	104,4	0,00	86,21	-	-	0,00	0,00	-
11	5.238	5.238	9,15	104,4	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	5,92	104,4	0,00	87,73	-	-	0,00	0,00	-
13	6.410	6.411	6,73	104,4	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	7,58	104,4	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	7,83	106,8	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	7,67	106,8	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	7,48	106,8	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	7,31	106,8	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	7,36	106,8	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	7,09	106,8	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	6,29	107,1	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	3,88	107,1	0,00	91,15	-	-	0,00	0,00	-
23	10.652	10.653	3,36	107,1	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	3,60	107,1	0,00	91,37	-	-	0,00	0,00	-
25	9.764	9.766	4,36	107,1	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	4,28	107,1	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	3,59	107,1	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	3,41	107,1	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	4,12	107,1	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	3,90	107,1	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	3,67	107,1	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	5,07	107,1	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	5,04	107,1	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	4,87	107,1	0,00	90,41	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	9.558	9.559	4,61	107,1	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	4,27	107,1	0,00	90,86	-	-	0,00	0,00	-
37	8.462	8.464	6,01	107,1	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	5,92	107,1	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	5,72	107,1	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	5,46	107,1	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	5,03	107,1	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	5,68	107,1	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	6,56	107,1	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	4,95	107,1	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	5,91	107,1	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	6,92	107,1	0,00	88,87	-	-	0,00	0,00	-
Somme			23,96								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,76	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,45	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,68	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,11	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,82	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,14	106,8	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	8,64	104,4	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	6,27	104,4	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	7,13	104,4	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	8,04	104,4	0,00	86,21	-	-	0,00	0,00	-
11	5.238	5.238	9,18	104,4	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	5,95	104,4	0,00	87,73	-	-	0,00	0,00	-
13	6.410	6.411	6,76	104,4	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	7,61	104,4	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	8,30	107,3	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	7,95	107,3	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	7,78	107,3	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	7,83	107,3	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	7,56	107,3	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	6,44	107,3	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	4,03	107,3	0,00	91,15	-	-	0,00	0,00	-
23	10.652	10.653	3,51	107,3	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	3,75	107,3	0,00	91,37	-	-	0,00	0,00	-
25	9.764	9.766	4,51	107,3	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	4,43	107,3	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	3,74	107,3	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	3,56	107,3	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	4,27	107,3	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	4,05	107,3	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	5,22	107,3	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	5,19	107,3	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	5,02	107,3	0,00	90,41	-	-	0,00	0,00	-
35	9.558	9.559	4,76	107,3	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	4,42	107,3	0,00	90,86	-	-	0,00	0,00	-
37	8.462	8.464	6,16	107,3	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	6,07	107,3	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	5,87	107,3	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	5,61	107,3	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	5,18	107,3	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	5,83	107,3	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	6,71	107,3	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	5,10	107,3	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	6,06	107,3	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	7,07	107,3	0,00	88,87	-	-	0,00	0,00	-
Somme			24,05								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,97	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,64	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,86	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,34	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	11,04	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,39	106,8	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	8,64	104,4	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	6,27	104,4	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	7,13	104,4	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	8,04	104,4	0,00	86,21	-	-	0,00	0,00	-
11	5.238	5.238	9,18	104,4	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	5,95	104,4	0,00	87,73	-	-	0,00	0,00	-
13	6.410	6.411	6,76	104,4	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	7,61	104,4	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	8,30	107,3	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	7,95	107,3	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	7,78	107,3	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	7,83	107,3	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	7,56	107,3	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	6,44	107,3	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	4,03	107,3	0,00	91,15	-	-	0,00	0,00	-
23	10.652	10.653	3,51	107,3	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	3,75	107,3	0,00	91,37	-	-	0,00	0,00	-
25	9.764	9.766	4,51	107,3	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	4,43	107,3	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	3,74	107,3	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	3,56	107,3	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	4,27	107,3	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	4,05	107,3	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	5,22	107,3	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	5,19	107,3	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	5,02	107,3	0,00	90,41	-	-	0,00	0,00	-
35	9.558	9.559	4,76	107,3	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	4,42	107,3	0,00	90,86	-	-	0,00	0,00	-
37	8.462	8.464	6,16	107,3	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	6,07	107,3	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	5,87	107,3	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	5,61	107,3	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	5,18	107,3	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	5,83	107,3	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	6,71	107,3	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	5,10	107,3	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	6,06	107,3	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	7,07	107,3	0,00	88,87	-	-	0,00	0,00	-
Somme			24,13								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: S PF5 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	6,83	101,2	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	7,52	101,2	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	8,76	101,2	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	5,15	101,2	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	5,88	101,2	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	4,17	101,2	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	-0,81	94,9	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	-3,19	94,9	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	-2,32	94,9	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	-1,41	94,9	0,00	86,21	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
11	5.238	5.238	-0,27	94,9	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	-3,51	94,9	0,00	87,73	-	-	0,00	0,00	-
13	6.410	6.411	-2,69	94,9	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	-1,84	94,9	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	-3,89	95,1	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	-4,05	95,1	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	-4,24	95,1	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	-4,41	95,1	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	-4,36	95,1	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	-4,62	95,1	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	-5,08	95,8	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	-7,48	95,8	0,00	91,15	-	-	0,00	0,00	-
23	10.652	10.653	-8,00	95,8	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	-7,76	95,8	0,00	91,37	-	-	0,00	0,00	-
25	9.764	9.766	-7,00	95,8	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	-7,09	95,8	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	-7,77	95,8	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	-7,96	95,8	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	-7,24	95,8	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	-7,46	95,8	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	-7,69	95,8	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	-6,30	95,8	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	-6,33	95,8	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	-6,50	95,8	0,00	90,41	-	-	0,00	0,00	-
35	9.558	9.559	-6,76	95,8	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	-7,09	95,8	0,00	90,86	-	-	0,00	0,00	-
37	8.462	8.464	-5,35	95,8	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	-5,45	95,8	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	-5,65	95,8	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	-5,90	95,8	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	-6,33	95,8	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	-5,69	95,8	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	-4,80	95,8	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	-6,41	95,8	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	-5,46	95,8	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	-4,44	95,8	0,00	88,87	-	-	0,00	0,00	-
Somme			16,15								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,02	105,9	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	11,72	105,9	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	12,97	105,9	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	9,32	105,9	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,06	105,9	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	8,33	105,9	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	3,58	99,3	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	1,20	99,3	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	2,07	99,3	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	2,98	99,3	0,00	86,21	-	-	0,00	0,00	-
11	5.238	5.238	4,12	99,3	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	0,88	99,3	0,00	87,73	-	-	0,00	0,00	-
13	6.410	6.411	1,69	99,3	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	2,55	99,3	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	0,64	99,6	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	0,48	99,6	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	0,29	99,6	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	0,12	99,6	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	0,17	99,6	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	-0,10	99,6	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	-0,39	100,5	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	-2,79	100,5	0,00	91,15	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
23	10.652	10.653	-3,31	100,5	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	-3,08	100,5	0,00	91,37	-	-	0,00	0,00	-
25	9.764	9.766	-2,31	100,5	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	-2,40	100,5	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	-3,09	100,5	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	-3,27	100,5	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	-2,55	100,5	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	-2,77	100,5	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	-3,00	100,5	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	-1,61	100,5	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	-1,64	100,5	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	-1,81	100,5	0,00	90,41	-	-	0,00	0,00	-
35	9.558	9.559	-2,07	100,5	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	-2,40	100,5	0,00	90,86	-	-	0,00	0,00	-
37	8.462	8.464	-0,66	100,5	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	-0,76	100,5	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	-0,96	100,5	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	-1,21	100,5	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	-1,64	100,5	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	-1,00	100,5	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	-0,11	100,5	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	-1,72	100,5	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	-0,77	100,5	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	0,24	100,5	0,00	88,87	-	-	0,00	0,00	-
Somme			20,46								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,93	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,64	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,90	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,22	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,96	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,22	106,8	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	7,34	103,1	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	4,96	103,1	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	5,83	103,1	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	6,74	103,1	0,00	86,21	-	-	0,00	0,00	-
11	5.238	5.238	7,88	103,1	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	4,64	103,1	0,00	87,73	-	-	0,00	0,00	-
13	6.410	6.411	5,46	103,1	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	6,31	103,1	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	4,71	103,7	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	4,55	103,7	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	4,37	103,7	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	4,20	103,7	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	4,24	103,7	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	3,98	103,7	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	3,76	104,6	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	1,35	104,6	0,00	91,15	-	-	0,00	0,00	-
23	10.652	10.653	0,83	104,6	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	1,07	104,6	0,00	91,37	-	-	0,00	0,00	-
25	9.764	9.766	1,83	104,6	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	1,75	104,6	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	1,06	104,6	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	0,88	104,6	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	1,59	104,6	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	1,37	104,6	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	1,14	104,6	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	2,54	104,6	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	2,51	104,6	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	2,33	104,6	0,00	90,41	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	9.558	9.559	2,07	104,6	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	1,74	104,6	0,00	90,86	-	-	0,00	0,00	-
37	8.462	8.464	3,48	104,6	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	3,39	104,6	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	3,19	104,6	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	2,93	104,6	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	2,50	104,6	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	3,14	104,6	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	4,03	104,6	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	2,42	104,6	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	3,38	104,6	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	4,39	104,6	0,00	88,87	-	-	0,00	0,00	-
Somme			22,69								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,84	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,54	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,79	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,15	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,88	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,16	106,8	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	8,62	104,4	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	6,24	104,4	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	7,10	104,4	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	8,01	104,4	0,00	86,21	-	-	0,00	0,00	-
11	5.238	5.238	9,15	104,4	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	5,92	104,4	0,00	87,73	-	-	0,00	0,00	-
13	6.410	6.411	6,73	104,4	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	7,58	104,4	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	7,83	106,8	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	7,67	106,8	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	7,48	106,8	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	7,31	106,8	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	7,36	106,8	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	7,09	106,8	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	6,29	107,1	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	3,88	107,1	0,00	91,15	-	-	0,00	0,00	-
23	10.652	10.653	3,36	107,1	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	3,60	107,1	0,00	91,37	-	-	0,00	0,00	-
25	9.764	9.766	4,36	107,1	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	4,28	107,1	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	3,59	107,1	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	3,41	107,1	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	4,12	107,1	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	3,90	107,1	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	3,67	107,1	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	5,07	107,1	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	5,04	107,1	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	4,87	107,1	0,00	90,41	-	-	0,00	0,00	-
35	9.558	9.559	4,61	107,1	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	4,27	107,1	0,00	90,86	-	-	0,00	0,00	-
37	8.462	8.464	6,01	107,1	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	5,92	107,1	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	5,72	107,1	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	5,46	107,1	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	5,03	107,1	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	5,68	107,1	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	6,56	107,1	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	4,95	107,1	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	5,91	107,1	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	6,92	107,1	0,00	88,87	-	-	0,00	0,00	-
Somme			23,96								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,76	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,45	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,68	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,11	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	10,82	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,14	106,8	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	8,64	104,4	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	6,27	104,4	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	7,13	104,4	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	8,04	104,4	0,00	86,21	-	-	0,00	0,00	-
11	5.238	5.238	9,18	104,4	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	5,95	104,4	0,00	87,73	-	-	0,00	0,00	-
13	6.410	6.411	6,76	104,4	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	7,61	104,4	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	8,30	107,3	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	7,95	107,3	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	7,78	107,3	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	7,83	107,3	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	7,56	107,3	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	6,44	107,3	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	4,03	107,3	0,00	91,15	-	-	0,00	0,00	-
23	10.652	10.653	3,51	107,3	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	3,75	107,3	0,00	91,37	-	-	0,00	0,00	-
25	9.764	9.766	4,51	107,3	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	4,43	107,3	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	3,74	107,3	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	3,56	107,3	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	4,27	107,3	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	4,05	107,3	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	5,22	107,3	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	5,19	107,3	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	5,02	107,3	0,00	90,41	-	-	0,00	0,00	-
35	9.558	9.559	4,76	107,3	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	4,42	107,3	0,00	90,86	-	-	0,00	0,00	-
37	8.462	8.464	6,16	107,3	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	6,07	107,3	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	5,87	107,3	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	5,61	107,3	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	5,18	107,3	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	5,83	107,3	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	6,71	107,3	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	5,10	107,3	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	6,06	107,3	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	7,07	107,3	0,00	88,87	-	-	0,00	0,00	-
Somme			24,05								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.022	4.025	11,97	106,8	0,00	83,10	-	-	0,00	0,00	-
2	3.821	3.824	12,64	106,8	0,00	82,65	-	-	0,00	0,00	-
3	3.486	3.490	13,86	106,8	0,00	81,86	-	-	0,00	0,00	-
4	4.602	4.605	10,34	106,8	0,00	84,26	-	-	0,00	0,00	-
5	4.328	4.330	11,04	106,8	0,00	83,73	-	-	0,00	0,00	-
6	5.006	5.009	9,39	106,8	0,00	84,99	-	-	0,00	0,00	-
7	5.476	5.477	8,64	104,4	0,00	85,77	-	-	0,00	0,00	-
8	6.680	6.681	6,27	104,4	0,00	87,50	-	-	0,00	0,00	-
9	6.215	6.215	7,13	104,4	0,00	86,87	-	-	0,00	0,00	-
10	5.758	5.758	8,04	104,4	0,00	86,21	-	-	0,00	0,00	-
11	5.238	5.238	9,18	104,4	0,00	85,38	-	-	0,00	0,00	-
12	6.863	6.864	5,95	104,4	0,00	87,73	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
13	6.410	6.411	6,76	104,4	0,00	87,14	-	-	0,00	0,00	-
14	5.967	5.968	7,61	104,4	0,00	86,52	-	-	0,00	0,00	-
15	7.187	7.188	8,30	107,3	0,00	88,13	-	-	0,00	0,00	-
16	7.285	7.286	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
17	7.400	7.401	7,95	107,3	0,00	88,39	-	-	0,00	0,00	-
18	7.507	7.508	7,78	107,3	0,00	88,51	-	-	0,00	0,00	-
19	7.478	7.479	7,83	107,3	0,00	88,48	-	-	0,00	0,00	-
20	7.648	7.649	7,56	107,3	0,00	88,67	-	-	0,00	0,00	-
21	8.264	8.266	6,44	107,3	0,00	89,35	-	-	0,00	0,00	-
22	10.179	10.180	4,03	107,3	0,00	91,15	-	-	0,00	0,00	-
23	10.652	10.653	3,51	107,3	0,00	91,55	-	-	0,00	0,00	-
24	10.433	10.434	3,75	107,3	0,00	91,37	-	-	0,00	0,00	-
25	9.764	9.766	4,51	107,3	0,00	90,79	-	-	0,00	0,00	-
26	9.836	9.837	4,43	107,3	0,00	90,86	-	-	0,00	0,00	-
27	10.442	10.443	3,74	107,3	0,00	91,38	-	-	0,00	0,00	-
28	10.610	10.611	3,56	107,3	0,00	91,52	-	-	0,00	0,00	-
29	9.967	9.968	4,27	107,3	0,00	90,97	-	-	0,00	0,00	-
30	10.160	10.161	4,05	107,3	0,00	91,14	-	-	0,00	0,00	-
31	10.365	10.366	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
32	9.183	9.184	5,22	107,3	0,00	90,26	-	-	0,00	0,00	-
33	9.208	9.209	5,19	107,3	0,00	90,28	-	-	0,00	0,00	-
34	9.345	9.347	5,02	107,3	0,00	90,41	-	-	0,00	0,00	-
35	9.558	9.559	4,76	107,3	0,00	90,61	-	-	0,00	0,00	-
36	9.841	9.842	4,42	107,3	0,00	90,86	-	-	0,00	0,00	-
37	8.462	8.464	6,16	107,3	0,00	89,55	-	-	0,00	0,00	-
38	8.532	8.533	6,07	107,3	0,00	89,62	-	-	0,00	0,00	-
39	8.681	8.682	5,87	107,3	0,00	89,77	-	-	0,00	0,00	-
40	8.875	8.876	5,61	107,3	0,00	89,96	-	-	0,00	0,00	-
41	9.210	9.211	5,18	107,3	0,00	90,29	-	-	0,00	0,00	-
42	8.712	8.714	5,83	107,3	0,00	89,80	-	-	0,00	0,00	-
43	8.070	8.071	6,71	107,3	0,00	89,14	-	-	0,00	0,00	-
44	9.275	9.276	5,10	107,3	0,00	90,35	-	-	0,00	0,00	-
45	8.540	8.541	6,06	107,3	0,00	89,63	-	-	0,00	0,00	-
46	7.827	7.829	7,07	107,3	0,00	88,87	-	-	0,00	0,00	-
Somme			24,13								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: T PF6 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	5,03	101,2	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	6,07	101,2	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	7,93	101,2	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	3,72	101,2	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	3,53	101,2	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	3,31	101,2	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	3,16	94,9	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	0,85	94,9	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	1,93	94,9	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	3,03	94,9	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	4,32	94,9	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	0,18	94,9	0,00	85,06	-	-	0,00	0,00	-
13	4.662	4.663	1,13	94,9	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	2,09	94,9	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	-4,07	95,1	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	-4,05	95,1	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	-4,04	95,1	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	-3,97	95,1	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	-2,97	95,1	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	-2,98	95,1	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	-5,10	95,8	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	-7,69	95,8	0,00	91,31	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
23	10.777	10.778	-8,14	95,8	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	-6,87	95,8	0,00	90,69	-	-	0,00	0,00	-
25	9.021	9.022	-6,09	95,8	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	-6,37	95,8	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	-7,06	95,8	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	-7,48	95,8	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	-6,78	95,8	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	-7,21	95,8	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	-7,65	95,8	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	-5,36	95,8	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	-5,62	95,8	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	-6,09	95,8	0,00	90,10	-	-	0,00	0,00	-
35	9.408	9.409	-6,58	95,8	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	-7,12	95,8	0,00	90,89	-	-	0,00	0,00	-
37	7.773	7.775	-4,36	95,8	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	-4,74	95,8	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	-5,23	95,8	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	-5,75	95,8	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	-6,45	95,8	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	-5,94	95,8	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	-5,12	95,8	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	-6,88	95,8	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	-5,98	95,8	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	-5,05	95,8	0,00	89,33	-	-	0,00	0,00	-
Somme			16,30								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	9,20	105,9	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	10,25	105,9	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,14	105,9	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	7,88	105,9	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	7,69	105,9	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	7,46	105,9	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	7,55	99,3	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	5,24	99,3	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	6,32	99,3	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	7,42	99,3	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	8,71	99,3	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	4,57	99,3	0,00	85,06	-	-	0,00	0,00	-
13	4.662	4.663	5,52	99,3	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	6,48	99,3	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	0,46	99,6	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	0,48	99,6	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	0,49	99,6	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	0,55	99,6	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	1,56	99,6	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	1,55	99,6	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	-0,41	100,5	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	-3,00	100,5	0,00	91,31	-	-	0,00	0,00	-
23	10.777	10.778	-3,45	100,5	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	-2,18	100,5	0,00	90,69	-	-	0,00	0,00	-
25	9.021	9.022	-1,40	100,5	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	-1,68	100,5	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	-2,37	100,5	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	-2,79	100,5	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	-2,09	100,5	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	-2,52	100,5	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	-2,96	100,5	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	-0,67	100,5	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	-0,93	100,5	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	-1,40	100,5	0,00	90,10	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	9.408	9.409	-1,89	100,5	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	-2,44	100,5	0,00	90,89	-	-	0,00	0,00	-
37	7.773	7.775	0,32	100,5	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	-0,05	100,5	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	-0,54	100,5	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	-1,06	100,5	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	-1,76	100,5	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	-1,25	100,5	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	-0,44	100,5	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	-2,19	100,5	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	-1,30	100,5	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	-0,36	100,5	0,00	89,33	-	-	0,00	0,00	-
Somme			20,64								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,10	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,16	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	13,06	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,77	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,58	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,34	106,8	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	11,31	103,1	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	9,00	103,1	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	10,08	103,1	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	11,18	103,1	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	12,47	103,1	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	8,33	103,1	0,00	85,06	-	-	0,00	0,00	-
13	4.662	4.663	9,28	103,1	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	10,24	103,1	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	4,53	103,7	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	4,55	103,7	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	4,56	103,7	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	4,63	103,7	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	5,63	103,7	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	5,63	103,7	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	3,74	104,6	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	1,14	104,6	0,00	91,31	-	-	0,00	0,00	-
23	10.777	10.778	0,70	104,6	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	1,96	104,6	0,00	90,69	-	-	0,00	0,00	-
25	9.021	9.022	2,74	104,6	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	2,46	104,6	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	1,77	104,6	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	1,36	104,6	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	2,06	104,6	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	1,63	104,6	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	1,19	104,6	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	3,48	104,6	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	3,21	104,6	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	2,75	104,6	0,00	90,10	-	-	0,00	0,00	-
35	9.408	9.409	2,26	104,6	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	1,71	104,6	0,00	90,89	-	-	0,00	0,00	-
37	7.773	7.775	4,47	104,6	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	4,09	104,6	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	3,60	104,6	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	3,09	104,6	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	2,39	104,6	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	2,89	104,6	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	3,71	104,6	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	1,96	104,6	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	2,85	104,6	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	3,78	104,6	0,00	89,33	-	-	0,00	0,00	-
Somme			23,43								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,03	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,07	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,96	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,71	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,52	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,30	106,8	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	12,58	104,4	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	10,28	104,4	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	11,35	104,4	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	12,45	104,4	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	13,75	104,4	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	9,60	104,4	0,00	85,06	-	-	0,00	0,00	-
13	4.662	4.663	10,55	104,4	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	11,51	104,4	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	7,65	106,8	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	7,67	106,8	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	7,68	106,8	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	7,74	106,8	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	8,75	106,8	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	8,74	106,8	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	6,27	107,1	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	3,67	107,1	0,00	91,31	-	-	0,00	0,00	-
23	10.777	10.778	3,23	107,1	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	4,49	107,1	0,00	90,69	-	-	0,00	0,00	-
25	9.021	9.022	5,27	107,1	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	4,99	107,1	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	4,30	107,1	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	3,89	107,1	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	4,59	107,1	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	4,16	107,1	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	3,72	107,1	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	6,01	107,1	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	5,75	107,1	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	5,28	107,1	0,00	90,10	-	-	0,00	0,00	-
35	9.408	9.409	4,79	107,1	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	4,24	107,1	0,00	90,89	-	-	0,00	0,00	-
37	7.773	7.775	7,00	107,1	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	6,62	107,1	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	6,13	107,1	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	5,62	107,1	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	4,92	107,1	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	5,42	107,1	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	6,24	107,1	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	4,49	107,1	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	5,38	107,1	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	6,31	107,1	0,00	89,33	-	-	0,00	0,00	-
Somme			24,87								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	9,99	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,01	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,86	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,71	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,52	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,30	106,8	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	12,61	104,4	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	10,30	104,4	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	11,38	104,4	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	12,48	104,4	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	13,77	104,4	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	9,63	104,4	0,00	85,06	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
13	4.662	4.663	10,58	104,4	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	11,54	104,4	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	8,12	107,3	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	8,15	107,3	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	8,21	107,3	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	9,22	107,3	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	9,21	107,3	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	6,42	107,3	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
23	10.777	10.778	3,38	107,3	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	4,64	107,3	0,00	90,69	-	-	0,00	0,00	-
25	9.021	9.022	5,42	107,3	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	5,14	107,3	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	4,45	107,3	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	4,04	107,3	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	4,74	107,3	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	4,31	107,3	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	3,87	107,3	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	6,16	107,3	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	5,43	107,3	0,00	90,10	-	-	0,00	0,00	-
35	9.408	9.409	4,94	107,3	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
37	7.773	7.775	7,15	107,3	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	6,77	107,3	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	6,28	107,3	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	5,77	107,3	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	5,07	107,3	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	5,57	107,3	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	6,39	107,3	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	4,64	107,3	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	5,53	107,3	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	6,46	107,3	0,00	89,33	-	-	0,00	0,00	-
Somme			24,98								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,22	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,23	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	13,05	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,96	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,78	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,56	106,8	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	12,61	104,4	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	10,30	104,4	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	11,38	104,4	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	12,48	104,4	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	13,77	104,4	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	9,63	104,4	0,00	85,06	-	-	0,00	0,00	-
13	4.662	4.663	10,58	104,4	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	11,54	104,4	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	8,12	107,3	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	8,15	107,3	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	8,21	107,3	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	9,22	107,3	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	9,21	107,3	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	6,42	107,3	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
23	10.777	10.778	3,38	107,3	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	4,64	107,3	0,00	90,69	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
25	9.021	9.022	5,42	107,3	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	5,14	107,3	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	4,45	107,3	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	4,04	107,3	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	4,74	107,3	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	4,31	107,3	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	3,87	107,3	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	6,16	107,3	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	5,43	107,3	0,00	90,10	-	-	0,00	0,00	-
35	9.408	9.409	4,94	107,3	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
37	7.773	7.775	7,15	107,3	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	6,77	107,3	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	6,28	107,3	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	5,77	107,3	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	5,07	107,3	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	5,57	107,3	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	6,39	107,3	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	4,64	107,3	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	5,53	107,3	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	6,46	107,3	0,00	89,33	-	-	0,00	0,00	-
Somme			25,02								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: U PF6 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	5,03	101,2	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	6,07	101,2	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	7,93	101,2	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	3,72	101,2	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	3,53	101,2	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	3,31	101,2	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	3,16	94,9	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	0,85	94,9	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	1,93	94,9	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	3,03	94,9	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	4,32	94,9	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	0,18	94,9	0,00	85,06	-	-	0,00	0,00	-
13	4.662	4.663	1,13	94,9	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	2,09	94,9	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	-4,07	95,1	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	-4,05	95,1	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	-4,04	95,1	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	-3,97	95,1	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	-2,97	95,1	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	-2,98	95,1	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	-5,10	95,8	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	-7,69	95,8	0,00	91,31	-	-	0,00	0,00	-
23	10.777	10.778	-8,14	95,8	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	-6,87	95,8	0,00	90,69	-	-	0,00	0,00	-
25	9.021	9.022	-6,09	95,8	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	-6,37	95,8	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	-7,06	95,8	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	-7,48	95,8	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	-6,78	95,8	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	-7,21	95,8	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	-7,65	95,8	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	-5,36	95,8	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	-5,62	95,8	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	-6,09	95,8	0,00	90,10	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	9.408	9.409	-6,58	95,8	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	-7,12	95,8	0,00	90,89	-	-	0,00	0,00	-
37	7.773	7.775	-4,36	95,8	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	-4,74	95,8	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	-5,23	95,8	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	-5,75	95,8	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	-6,45	95,8	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	-5,94	95,8	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	-5,12	95,8	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	-6,88	95,8	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	-5,98	95,8	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	-5,05	95,8	0,00	89,33	-	-	0,00	0,00	-
Somme			16,30								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	9,20	105,9	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	10,25	105,9	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,14	105,9	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	7,88	105,9	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	7,69	105,9	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	7,46	105,9	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	7,55	99,3	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	5,24	99,3	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	6,32	99,3	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	7,42	99,3	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	8,71	99,3	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	4,57	99,3	0,00	85,06	-	-	0,00	0,00	-
13	4.662	4.663	5,52	99,3	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	6,48	99,3	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	0,46	99,6	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	0,48	99,6	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	0,49	99,6	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	0,55	99,6	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	1,56	99,6	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	1,55	99,6	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	-0,41	100,5	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	-3,00	100,5	0,00	91,31	-	-	0,00	0,00	-
23	10.777	10.778	-3,45	100,5	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	-2,18	100,5	0,00	90,69	-	-	0,00	0,00	-
25	9.021	9.022	-1,40	100,5	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	-1,68	100,5	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	-2,37	100,5	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	-2,79	100,5	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	-2,09	100,5	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	-2,52	100,5	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	-2,96	100,5	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	-0,67	100,5	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	-0,93	100,5	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	-1,40	100,5	0,00	90,10	-	-	0,00	0,00	-
35	9.408	9.409	-1,89	100,5	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	-2,44	100,5	0,00	90,89	-	-	0,00	0,00	-
37	7.773	7.775	0,32	100,5	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	-0,05	100,5	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	-0,54	100,5	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	-1,06	100,5	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	-1,76	100,5	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	-1,25	100,5	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	-0,44	100,5	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	-2,19	100,5	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	-1,30	100,5	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	-0,36	100,5	0,00	89,33	-	-	0,00	0,00	-
Somme			20,64								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,10	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,16	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	13,06	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,77	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,58	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,34	106,8	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	11,31	103,1	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	9,00	103,1	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	10,08	103,1	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	11,18	103,1	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	12,47	103,1	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	8,33	103,1	0,00	85,06	-	-	0,00	0,00	-
13	4.662	4.663	9,28	103,1	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	10,24	103,1	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	4,53	103,7	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	4,55	103,7	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	4,56	103,7	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	4,63	103,7	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	5,63	103,7	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	5,63	103,7	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	3,74	104,6	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	1,14	104,6	0,00	91,31	-	-	0,00	0,00	-
23	10.777	10.778	0,70	104,6	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	1,96	104,6	0,00	90,69	-	-	0,00	0,00	-
25	9.021	9.022	2,74	104,6	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	2,46	104,6	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	1,77	104,6	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	1,36	104,6	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	2,06	104,6	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	1,63	104,6	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	1,19	104,6	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	3,48	104,6	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	3,21	104,6	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	2,75	104,6	0,00	90,10	-	-	0,00	0,00	-
35	9.408	9.409	2,26	104,6	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	1,71	104,6	0,00	90,89	-	-	0,00	0,00	-
37	7.773	7.775	4,47	104,6	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	4,09	104,6	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	3,60	104,6	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	3,09	104,6	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	2,39	104,6	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	2,89	104,6	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	3,71	104,6	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	1,96	104,6	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	2,85	104,6	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	3,78	104,6	0,00	89,33	-	-	0,00	0,00	-
Somme			23,43								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,03	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,07	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,96	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,71	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,52	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,30	106,8	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	12,58	104,4	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	10,28	104,4	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	11,35	104,4	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	12,45	104,4	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	13,75	104,4	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	9,60	104,4	0,00	85,06	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
13	4.662	4.663	10,55	104,4	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	11,51	104,4	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	7,65	106,8	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	7,67	106,8	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	7,68	106,8	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	7,74	106,8	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	8,75	106,8	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	8,74	106,8	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	6,27	107,1	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	3,67	107,1	0,00	91,31	-	-	0,00	0,00	-
23	10.777	10.778	3,23	107,1	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	4,49	107,1	0,00	90,69	-	-	0,00	0,00	-
25	9.021	9.022	5,27	107,1	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	4,99	107,1	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	4,30	107,1	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	3,89	107,1	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	4,59	107,1	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	4,16	107,1	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	3,72	107,1	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	6,01	107,1	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	5,75	107,1	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	5,28	107,1	0,00	90,10	-	-	0,00	0,00	-
35	9.408	9.409	4,79	107,1	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	4,24	107,1	0,00	90,89	-	-	0,00	0,00	-
37	7.773	7.775	7,00	107,1	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	6,62	107,1	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	6,13	107,1	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	5,62	107,1	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	4,92	107,1	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	5,42	107,1	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	6,24	107,1	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	4,49	107,1	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	5,38	107,1	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	6,31	107,1	0,00	89,33	-	-	0,00	0,00	-
Somme			24,87								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	9,99	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,01	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,86	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,71	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,52	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,30	106,8	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	12,61	104,4	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	10,30	104,4	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	11,38	104,4	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	12,48	104,4	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	13,77	104,4	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	9,63	104,4	0,00	85,06	-	-	0,00	0,00	-
13	4.662	4.663	10,58	104,4	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	11,54	104,4	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	8,12	107,3	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	8,15	107,3	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	8,21	107,3	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	9,22	107,3	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	9,21	107,3	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	6,42	107,3	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
23	10.777	10.778	3,38	107,3	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	4,64	107,3	0,00	90,69	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
25	9.021	9.022	5,42	107,3	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	5,14	107,3	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	4,45	107,3	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	4,04	107,3	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	4,74	107,3	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	4,31	107,3	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	3,87	107,3	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	6,16	107,3	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	5,43	107,3	0,00	90,10	-	-	0,00	0,00	-
35	9.408	9.409	4,94	107,3	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
37	7.773	7.775	7,15	107,3	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	6,77	107,3	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	6,28	107,3	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	5,77	107,3	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	5,07	107,3	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	5,57	107,3	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	6,39	107,3	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	4,64	107,3	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	5,53	107,3	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	6,46	107,3	0,00	89,33	-	-	0,00	0,00	-
Somme			24,98								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,22	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,23	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	13,05	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,96	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,78	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,56	106,8	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	12,61	104,4	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	10,30	104,4	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	11,38	104,4	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	12,48	104,4	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	13,77	104,4	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	9,63	104,4	0,00	85,06	-	-	0,00	0,00	-
13	4.662	4.663	10,58	104,4	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	11,54	104,4	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	8,12	107,3	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	8,15	107,3	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	8,21	107,3	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	9,22	107,3	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	9,21	107,3	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	6,42	107,3	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
23	10.777	10.778	3,38	107,3	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	4,64	107,3	0,00	90,69	-	-	0,00	0,00	-
25	9.021	9.022	5,42	107,3	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	5,14	107,3	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	4,45	107,3	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	4,04	107,3	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	4,74	107,3	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	4,31	107,3	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	3,87	107,3	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	6,16	107,3	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	5,43	107,3	0,00	90,10	-	-	0,00	0,00	-
35	9.408	9.409	4,94	107,3	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
37	7.773	7.775	7,15	107,3	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	6,77	107,3	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	6,28	107,3	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	5,77	107,3	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	5,07	107,3	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	5,57	107,3	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	6,39	107,3	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	4,64	107,3	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	5,53	107,3	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	6,46	107,3	0,00	89,33	-	-	0,00	0,00	-
Somme			25,02								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglementé: V PF6 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	5,03	101,2	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	6,07	101,2	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	7,93	101,2	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	3,72	101,2	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	3,53	101,2	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	3,31	101,2	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	3,16	94,9	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	0,85	94,9	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	1,93	94,9	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	3,03	94,9	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	4,32	94,9	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	0,18	94,9	0,00	85,06	-	-	0,00	0,00	-
13	4.662	4.663	1,13	94,9	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	2,09	94,9	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	-4,07	95,1	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	-4,05	95,1	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	-4,04	95,1	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	-3,97	95,1	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	-2,97	95,1	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	-2,98	95,1	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	-5,10	95,8	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	-7,69	95,8	0,00	91,31	-	-	0,00	0,00	-
23	10.777	10.778	-8,14	95,8	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	-6,87	95,8	0,00	90,69	-	-	0,00	0,00	-
25	9.021	9.022	-6,09	95,8	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	-6,37	95,8	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	-7,06	95,8	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	-7,48	95,8	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	-6,78	95,8	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	-7,21	95,8	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	-7,65	95,8	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	-5,36	95,8	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	-5,62	95,8	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	-6,09	95,8	0,00	90,10	-	-	0,00	0,00	-
35	9.408	9.409	-6,58	95,8	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	-7,12	95,8	0,00	90,89	-	-	0,00	0,00	-
37	7.773	7.775	-4,36	95,8	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	-4,74	95,8	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	-5,23	95,8	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	-5,75	95,8	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	-6,45	95,8	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	-5,94	95,8	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	-5,12	95,8	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	-6,88	95,8	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	-5,98	95,8	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	-5,05	95,8	0,00	89,33	-	-	0,00	0,00	-
Somme			16,30								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	9,20	105,9	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	10,25	105,9	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,14	105,9	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	7,88	105,9	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	7,69	105,9	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	7,46	105,9	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	7,55	99,3	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	5,24	99,3	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	6,32	99,3	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	7,42	99,3	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	8,71	99,3	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	4,57	99,3	0,00	85,06	-	-	0,00	0,00	-
13	4.662	4.663	5,52	99,3	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	6,48	99,3	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	0,46	99,6	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	0,48	99,6	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	0,49	99,6	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	0,55	99,6	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	1,56	99,6	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	1,55	99,6	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	-0,41	100,5	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	-3,00	100,5	0,00	91,31	-	-	0,00	0,00	-
23	10.777	10.778	-3,45	100,5	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	-2,18	100,5	0,00	90,69	-	-	0,00	0,00	-
25	9.021	9.022	-1,40	100,5	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	-1,68	100,5	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	-2,37	100,5	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	-2,79	100,5	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	-2,09	100,5	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	-2,52	100,5	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	-2,96	100,5	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	-0,67	100,5	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	-0,93	100,5	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	-1,40	100,5	0,00	90,10	-	-	0,00	0,00	-
35	9.408	9.409	-1,89	100,5	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	-2,44	100,5	0,00	90,89	-	-	0,00	0,00	-
37	7.773	7.775	0,32	100,5	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	-0,05	100,5	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	-0,54	100,5	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	-1,06	100,5	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	-1,76	100,5	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	-1,25	100,5	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	-0,44	100,5	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	-2,19	100,5	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	-1,30	100,5	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	-0,36	100,5	0,00	89,33	-	-	0,00	0,00	-
Somme			20,64								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,10	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,16	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	13,06	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,77	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,58	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,34	106,8	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	11,31	103,1	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	9,00	103,1	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	10,08	103,1	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	11,18	103,1	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	12,47	103,1	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	8,33	103,1	0,00	85,06	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
13	4.662	4.663	9,28	103,1	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	10,24	103,1	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	4,53	103,7	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	4,55	103,7	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	4,56	103,7	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	4,63	103,7	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	5,63	103,7	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	5,63	103,7	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	3,74	104,6	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	1,14	104,6	0,00	91,31	-	-	0,00	0,00	-
23	10.777	10.778	0,70	104,6	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	1,96	104,6	0,00	90,69	-	-	0,00	0,00	-
25	9.021	9.022	2,74	104,6	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	2,46	104,6	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	1,77	104,6	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	1,36	104,6	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	2,06	104,6	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	1,63	104,6	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	1,19	104,6	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	3,48	104,6	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	3,21	104,6	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	2,75	104,6	0,00	90,10	-	-	0,00	0,00	-
35	9.408	9.409	2,26	104,6	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	1,71	104,6	0,00	90,89	-	-	0,00	0,00	-
37	7.773	7.775	4,47	104,6	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	4,09	104,6	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	3,60	104,6	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	3,09	104,6	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	2,39	104,6	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	2,89	104,6	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	3,71	104,6	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	1,96	104,6	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	2,85	104,6	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	3,78	104,6	0,00	89,33	-	-	0,00	0,00	-
Somme			23,43								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,03	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,07	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,96	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,71	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,52	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,30	106,8	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	12,58	104,4	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	10,28	104,4	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	11,35	104,4	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	12,45	104,4	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	13,75	104,4	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	9,60	104,4	0,00	85,06	-	-	0,00	0,00	-
13	4.662	4.663	10,55	104,4	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	11,51	104,4	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	7,65	106,8	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	7,67	106,8	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	7,68	106,8	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	7,74	106,8	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	8,75	106,8	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	8,74	106,8	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	6,27	107,1	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	3,67	107,1	0,00	91,31	-	-	0,00	0,00	-
23	10.777	10.778	3,23	107,1	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	4,49	107,1	0,00	90,69	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
25	9.021	9.022	5,27	107,1	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	4,99	107,1	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	4,30	107,1	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	3,89	107,1	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	4,59	107,1	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	4,16	107,1	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	3,72	107,1	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	6,01	107,1	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	5,75	107,1	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	5,28	107,1	0,00	90,10	-	-	0,00	0,00	-
35	9.408	9.409	4,79	107,1	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	4,24	107,1	0,00	90,89	-	-	0,00	0,00	-
37	7.773	7.775	7,00	107,1	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	6,62	107,1	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	6,13	107,1	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	5,62	107,1	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	4,92	107,1	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	5,42	107,1	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	6,24	107,1	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	4,49	107,1	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	5,38	107,1	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	6,31	107,1	0,00	89,33	-	-	0,00	0,00	-
Somme			24,87								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	9,99	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,01	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,86	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,71	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,52	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,30	106,8	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	12,61	104,4	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	10,30	104,4	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	11,38	104,4	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	12,48	104,4	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	13,77	104,4	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	9,63	104,4	0,00	85,06	-	-	0,00	0,00	-
13	4.662	4.663	10,58	104,4	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	11,54	104,4	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	8,12	107,3	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	8,15	107,3	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	8,21	107,3	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	9,22	107,3	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	9,21	107,3	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	6,42	107,3	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
23	10.777	10.778	3,38	107,3	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	4,64	107,3	0,00	90,69	-	-	0,00	0,00	-
25	9.021	9.022	5,42	107,3	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	5,14	107,3	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	4,45	107,3	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	4,04	107,3	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	4,74	107,3	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	4,31	107,3	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	3,87	107,3	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	6,16	107,3	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	5,43	107,3	0,00	90,10	-	-	0,00	0,00	-
35	9.408	9.409	4,94	107,3	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
37	7.773	7.775	7,15	107,3	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	6,77	107,3	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	6,28	107,3	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	5,77	107,3	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	5,07	107,3	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	5,57	107,3	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	6,39	107,3	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	4,64	107,3	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	5,53	107,3	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	6,46	107,3	0,00	89,33	-	-	0,00	0,00	-
Somme			24,98								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,22	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,23	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	13,05	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,96	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,78	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,56	106,8	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	12,61	104,4	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	10,30	104,4	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	11,38	104,4	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	12,48	104,4	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	13,77	104,4	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	9,63	104,4	0,00	85,06	-	-	0,00	0,00	-
13	4.662	4.663	10,58	104,4	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	11,54	104,4	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	8,12	107,3	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	8,15	107,3	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	8,21	107,3	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	9,22	107,3	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	9,21	107,3	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	6,42	107,3	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
23	10.777	10.778	3,38	107,3	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	4,64	107,3	0,00	90,69	-	-	0,00	0,00	-
25	9.021	9.022	5,42	107,3	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	5,14	107,3	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	4,45	107,3	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	4,04	107,3	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	4,74	107,3	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	4,31	107,3	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	3,87	107,3	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	6,16	107,3	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	5,43	107,3	0,00	90,10	-	-	0,00	0,00	-
35	9.408	9.409	4,94	107,3	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
37	7.773	7.775	7,15	107,3	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	6,77	107,3	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	6,28	107,3	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	5,77	107,3	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	5,07	107,3	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	5,57	107,3	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	6,39	107,3	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	4,64	107,3	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	5,53	107,3	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	6,46	107,3	0,00	89,33	-	-	0,00	0,00	-
Somme			25,02								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglementé: W PF6 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	5,03	101,2	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	6,07	101,2	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	7,93	101,2	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	3,72	101,2	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	3,53	101,2	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	3,31	101,2	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	3,16	94,9	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	0,85	94,9	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	1,93	94,9	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	3,03	94,9	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	4,32	94,9	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	0,18	94,9	0,00	85,06	-	-	0,00	0,00	-
13	4.662	4.663	1,13	94,9	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	2,09	94,9	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	-4,07	95,1	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	-4,05	95,1	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	-4,04	95,1	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	-3,97	95,1	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	-2,97	95,1	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	-2,98	95,1	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	-5,10	95,8	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	-7,69	95,8	0,00	91,31	-	-	0,00	0,00	-
23	10.777	10.778	-8,14	95,8	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	-6,87	95,8	0,00	90,69	-	-	0,00	0,00	-
25	9.021	9.022	-6,09	95,8	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	-6,37	95,8	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	-7,06	95,8	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	-7,48	95,8	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	-6,78	95,8	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	-7,21	95,8	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	-7,65	95,8	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	-5,36	95,8	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	-5,62	95,8	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	-6,09	95,8	0,00	90,10	-	-	0,00	0,00	-
35	9.408	9.409	-6,58	95,8	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	-7,12	95,8	0,00	90,89	-	-	0,00	0,00	-
37	7.773	7.775	-4,36	95,8	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	-4,74	95,8	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	-5,23	95,8	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	-5,75	95,8	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	-6,45	95,8	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	-5,94	95,8	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	-5,12	95,8	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	-6,88	95,8	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	-5,98	95,8	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	-5,05	95,8	0,00	89,33	-	-	0,00	0,00	-
Somme			16,30								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	9,20	105,9	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	10,25	105,9	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,14	105,9	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	7,88	105,9	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	7,69	105,9	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	7,46	105,9	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	7,55	99,3	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	5,24	99,3	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	6,32	99,3	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	7,42	99,3	0,00	83,00	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
11	3.574	3.575	8,71	99,3	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	4,57	99,3	0,00	85,06	-	-	0,00	0,00	-
13	4.662	4.663	5,52	99,3	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	6,48	99,3	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	0,46	99,6	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	0,48	99,6	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	0,49	99,6	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	0,55	99,6	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	1,56	99,6	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	1,55	99,6	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	-0,41	100,5	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	-3,00	100,5	0,00	91,31	-	-	0,00	0,00	-
23	10.777	10.778	-3,45	100,5	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	-2,18	100,5	0,00	90,69	-	-	0,00	0,00	-
25	9.021	9.022	-1,40	100,5	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	-1,68	100,5	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	-2,37	100,5	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	-2,79	100,5	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	-2,09	100,5	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	-2,52	100,5	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	-2,96	100,5	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	-0,67	100,5	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	-0,93	100,5	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	-1,40	100,5	0,00	90,10	-	-	0,00	0,00	-
35	9.408	9.409	-1,89	100,5	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	-2,44	100,5	0,00	90,89	-	-	0,00	0,00	-
37	7.773	7.775	0,32	100,5	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	-0,05	100,5	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	-0,54	100,5	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	-1,06	100,5	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	-1,76	100,5	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	-1,25	100,5	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	-0,44	100,5	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	-2,19	100,5	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	-1,30	100,5	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	-0,36	100,5	0,00	89,33	-	-	0,00	0,00	-
Somme			20,64								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,10	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,16	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	13,06	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,77	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,58	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,34	106,8	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	11,31	103,1	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	9,00	103,1	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	10,08	103,1	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	11,18	103,1	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	12,47	103,1	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	8,33	103,1	0,00	85,06	-	-	0,00	0,00	-
13	4.662	4.663	9,28	103,1	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	10,24	103,1	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	4,53	103,7	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	4,55	103,7	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	4,56	103,7	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	4,63	103,7	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	5,63	103,7	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	5,63	103,7	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	3,74	104,6	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	1,14	104,6	0,00	91,31	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
23	10.777	10.778	0,70	104,6	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	1,96	104,6	0,00	90,69	-	-	0,00	0,00	-
25	9.021	9.022	2,74	104,6	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	2,46	104,6	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	1,77	104,6	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	1,36	104,6	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	2,06	104,6	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	1,63	104,6	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	1,19	104,6	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	3,48	104,6	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	3,21	104,6	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	2,75	104,6	0,00	90,10	-	-	0,00	0,00	-
35	9.408	9.409	2,26	104,6	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	1,71	104,6	0,00	90,89	-	-	0,00	0,00	-
37	7.773	7.775	4,47	104,6	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	4,09	104,6	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	3,60	104,6	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	3,09	104,6	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	2,39	104,6	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	2,89	104,6	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	3,71	104,6	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	1,96	104,6	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	2,85	104,6	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	3,78	104,6	0,00	89,33	-	-	0,00	0,00	-
Somme			23,43								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,03	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,07	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,96	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,71	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,52	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,30	106,8	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	12,58	104,4	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	10,28	104,4	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	11,35	104,4	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	12,45	104,4	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	13,75	104,4	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	9,60	104,4	0,00	85,06	-	-	0,00	0,00	-
13	4.662	4.663	10,55	104,4	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	11,51	104,4	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	7,65	106,8	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	7,67	106,8	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	7,68	106,8	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	7,74	106,8	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	8,75	106,8	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	8,74	106,8	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	6,27	107,1	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	3,67	107,1	0,00	91,31	-	-	0,00	0,00	-
23	10.777	10.778	3,23	107,1	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	4,49	107,1	0,00	90,69	-	-	0,00	0,00	-
25	9.021	9.022	5,27	107,1	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	4,99	107,1	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	4,30	107,1	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	3,89	107,1	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	4,59	107,1	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	4,16	107,1	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	3,72	107,1	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	6,01	107,1	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	5,75	107,1	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	5,28	107,1	0,00	90,10	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	9.408	9.409	4,79	107,1	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	4,24	107,1	0,00	90,89	-	-	0,00	0,00	-
37	7.773	7.775	7,00	107,1	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	6,62	107,1	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	6,13	107,1	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	5,62	107,1	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	4,92	107,1	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	5,42	107,1	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	6,24	107,1	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	4,49	107,1	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	5,38	107,1	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	6,31	107,1	0,00	89,33	-	-	0,00	0,00	-
Somme			24,87								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	9,99	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,01	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	12,86	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,71	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,52	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,30	106,8	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	12,61	104,4	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	10,30	104,4	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	11,38	104,4	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	12,48	104,4	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	13,77	104,4	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	9,63	104,4	0,00	85,06	-	-	0,00	0,00	-
13	4.662	4.663	10,58	104,4	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	11,54	104,4	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	8,12	107,3	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	8,15	107,3	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	8,21	107,3	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	9,22	107,3	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	9,21	107,3	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	6,42	107,3	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
23	10.777	10.778	3,38	107,3	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	4,64	107,3	0,00	90,69	-	-	0,00	0,00	-
25	9.021	9.022	5,42	107,3	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	5,14	107,3	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	4,45	107,3	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	4,04	107,3	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	4,74	107,3	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	4,31	107,3	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	3,87	107,3	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	6,16	107,3	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	5,43	107,3	0,00	90,10	-	-	0,00	0,00	-
35	9.408	9.409	4,94	107,3	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
37	7.773	7.775	7,15	107,3	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	6,77	107,3	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	6,28	107,3	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	5,77	107,3	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	5,07	107,3	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	5,57	107,3	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	6,39	107,3	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	4,64	107,3	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	5,53	107,3	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	6,46	107,3	0,00	89,33	-	-	0,00	0,00	-
Somme			24,98								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	4.650	4.653	10,22	106,8	0,00	84,35	-	-	0,00	0,00	-
2	4.258	4.261	11,23	106,8	0,00	83,59	-	-	0,00	0,00	-
3	3.705	3.708	13,05	106,8	0,00	82,38	-	-	0,00	0,00	-
4	5.201	5.204	8,96	106,8	0,00	85,33	-	-	0,00	0,00	-
5	5.287	5.289	8,78	106,8	0,00	85,47	-	-	0,00	0,00	-
6	5.392	5.395	8,56	106,8	0,00	85,64	-	-	0,00	0,00	-
7	3.939	3.940	12,61	104,4	0,00	82,91	-	-	0,00	0,00	-
8	4.770	4.771	10,30	104,4	0,00	84,57	-	-	0,00	0,00	-
9	4.363	4.364	11,38	104,4	0,00	83,80	-	-	0,00	0,00	-
10	3.981	3.982	12,48	104,4	0,00	83,00	-	-	0,00	0,00	-
11	3.574	3.575	13,77	104,4	0,00	82,07	-	-	0,00	0,00	-
12	5.045	5.046	9,63	104,4	0,00	85,06	-	-	0,00	0,00	-
13	4.662	4.663	10,58	104,4	0,00	84,37	-	-	0,00	0,00	-
14	4.306	4.307	11,54	104,4	0,00	83,68	-	-	0,00	0,00	-
15	7.299	7.300	8,12	107,3	0,00	88,27	-	-	0,00	0,00	-
16	7.286	7.287	8,14	107,3	0,00	88,25	-	-	0,00	0,00	-
17	7.279	7.280	8,15	107,3	0,00	88,24	-	-	0,00	0,00	-
18	7.238	7.240	8,21	107,3	0,00	88,19	-	-	0,00	0,00	-
19	6.652	6.653	9,22	107,3	0,00	87,46	-	-	0,00	0,00	-
20	6.654	6.656	9,21	107,3	0,00	87,46	-	-	0,00	0,00	-
21	8.279	8.281	6,42	107,3	0,00	89,36	-	-	0,00	0,00	-
22	10.364	10.365	3,82	107,3	0,00	91,31	-	-	0,00	0,00	-
23	10.777	10.778	3,38	107,3	0,00	91,65	-	-	0,00	0,00	-
24	9.652	9.653	4,64	107,3	0,00	90,69	-	-	0,00	0,00	-
25	9.021	9.022	5,42	107,3	0,00	90,11	-	-	0,00	0,00	-
26	9.244	9.245	5,14	107,3	0,00	90,32	-	-	0,00	0,00	-
27	9.812	9.813	4,45	107,3	0,00	90,84	-	-	0,00	0,00	-
28	10.175	10.176	4,04	107,3	0,00	91,15	-	-	0,00	0,00	-
29	9.573	9.574	4,74	107,3	0,00	90,62	-	-	0,00	0,00	-
30	9.939	9.940	4,31	107,3	0,00	90,95	-	-	0,00	0,00	-
31	10.326	10.327	3,87	107,3	0,00	91,28	-	-	0,00	0,00	-
32	8.467	8.468	6,16	107,3	0,00	89,56	-	-	0,00	0,00	-
33	8.660	8.661	5,90	107,3	0,00	89,75	-	-	0,00	0,00	-
34	9.018	9.019	5,43	107,3	0,00	90,10	-	-	0,00	0,00	-
35	9.408	9.409	4,94	107,3	0,00	90,47	-	-	0,00	0,00	-
36	9.868	9.869	4,39	107,3	0,00	90,89	-	-	0,00	0,00	-
37	7.773	7.775	7,15	107,3	0,00	88,81	-	-	0,00	0,00	-
38	8.028	8.030	6,77	107,3	0,00	89,09	-	-	0,00	0,00	-
39	8.376	8.378	6,28	107,3	0,00	89,46	-	-	0,00	0,00	-
40	8.757	8.758	5,77	107,3	0,00	89,85	-	-	0,00	0,00	-
41	9.302	9.304	5,07	107,3	0,00	90,37	-	-	0,00	0,00	-
42	8.903	8.905	5,57	107,3	0,00	89,99	-	-	0,00	0,00	-
43	8.298	8.300	6,39	107,3	0,00	89,38	-	-	0,00	0,00	-
44	9.657	9.658	4,64	107,3	0,00	90,70	-	-	0,00	0,00	-
45	8.938	8.940	5,53	107,3	0,00	90,03	-	-	0,00	0,00	-
46	8.245	8.246	6,46	107,3	0,00	89,33	-	-	0,00	0,00	-
Somme			25,02								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: X PF7 diurne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	15,58	101,2	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	13,67	101,2	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	11,82	101,2	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	14,30	101,2	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	19,78	101,2	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	11,36	101,2	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	-2,45	94,9	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	-5,16	94,9	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	-4,39	94,9	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	-3,57	94,9	0,00	87,78	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
11	6.325	6.325	-2,53	94,9	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	-5,10	94,9	0,00	88,90	-	-	0,00	0,00	-
13	7.351	7.352	-4,32	94,9	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	-3,48	94,9	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	0,90	95,1	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	0,29	95,1	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	-0,37	95,1	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	-1,06	95,1	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	-2,80	95,1	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	-3,54	95,1	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	-1,04	95,8	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	-3,70	95,8	0,00	88,32	-	-	0,00	0,00	-
23	7.860	7.861	-4,49	95,8	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	-6,07	95,8	0,00	90,09	-	-	0,00	0,00	-
25	8.345	8.346	-5,19	95,8	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	-4,93	95,8	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	-5,76	95,8	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	-5,55	95,8	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	-4,65	95,8	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	-4,53	95,8	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	-4,42	95,8	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	-4,39	95,8	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	-4,01	95,8	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	-3,65	95,8	0,00	88,28	-	-	0,00	0,00	-
35	7.237	7.239	-3,53	95,8	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	-3,53	95,8	0,00	88,20	-	-	0,00	0,00	-
37	7.132	7.134	-3,36	95,8	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	-2,95	95,8	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	-2,63	95,8	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	-2,42	95,8	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	-2,41	95,8	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	-1,32	95,8	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	-0,04	95,8	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	-1,82	95,8	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	-0,44	95,8	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	1,05	95,8	0,00	84,83	-	-	0,00	0,00	-
Somme			23,65								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	19,91	105,9	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	17,96	105,9	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,07	105,9	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	18,60	105,9	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,18	105,9	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	15,61	105,9	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	1,94	99,3	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	-0,78	99,3	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	0,00	99,3	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	0,82	99,3	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	1,85	99,3	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	-0,71	99,3	0,00	88,90	-	-	0,00	0,00	-
13	7.351	7.352	0,07	99,3	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	0,90	99,3	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	5,43	99,6	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	4,82	99,6	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	4,16	99,6	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	3,47	99,6	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	1,73	99,6	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	0,99	99,6	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	3,64	100,5	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	0,99	100,5	0,00	88,32	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
23	7.860	7.861	0,20	100,5	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	-1,38	100,5	0,00	90,09	-	-	0,00	0,00	-
25	8.345	8.346	-0,50	100,5	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	-0,24	100,5	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	-1,07	100,5	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	-0,86	100,5	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	0,04	100,5	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	0,16	100,5	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	0,27	100,5	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	0,30	100,5	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	0,68	100,5	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	1,04	100,5	0,00	88,28	-	-	0,00	0,00	-
35	7.237	7.239	1,16	100,5	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	1,15	100,5	0,00	88,20	-	-	0,00	0,00	-
37	7.132	7.134	1,33	100,5	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	1,74	100,5	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	2,06	100,5	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	2,27	100,5	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	2,28	100,5	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	3,37	100,5	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	4,65	100,5	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	2,87	100,5	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	4,25	100,5	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	5,74	100,5	0,00	84,83	-	-	0,00	0,00	-
Somme			28,02								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,85	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,90	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	17,01	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,54	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	25,12	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,55	106,8	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	5,70	103,1	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	2,99	103,1	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	3,76	103,1	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	4,58	103,1	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	5,62	103,1	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	3,05	103,1	0,00	88,90	-	-	0,00	0,00	-
13	7.351	7.352	3,83	103,1	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	4,67	103,1	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	9,50	103,7	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	8,89	103,7	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	8,24	103,7	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	7,54	103,7	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	5,80	103,7	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	5,06	103,7	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	7,79	104,6	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	5,14	104,6	0,00	88,32	-	-	0,00	0,00	-
23	7.860	7.861	4,34	104,6	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	2,77	104,6	0,00	90,09	-	-	0,00	0,00	-
25	8.345	8.346	3,64	104,6	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	3,90	104,6	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	3,08	104,6	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	3,28	104,6	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	4,18	104,6	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	4,31	104,6	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	4,41	104,6	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	4,44	104,6	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	4,83	104,6	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	5,18	104,6	0,00	88,28	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	7.237	7.239	5,30	104,6	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	5,30	104,6	0,00	88,20	-	-	0,00	0,00	-
37	7.132	7.134	5,47	104,6	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	5,88	104,6	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	6,21	104,6	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	6,41	104,6	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	6,42	104,6	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	7,51	104,6	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	8,80	104,6	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	7,01	104,6	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	8,40	104,6	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	9,89	104,6	0,00	84,83	-	-	0,00	0,00	-
Somme			29,39								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,74	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,78	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,90	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,42	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	25,02	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,44	106,8	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	6,97	104,4	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	4,26	104,4	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	5,03	104,4	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	5,85	104,4	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	6,89	104,4	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	4,32	104,4	0,00	88,90	-	-	0,00	0,00	-
13	7.351	7.352	5,10	104,4	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	5,94	104,4	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	12,62	106,8	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	12,01	106,8	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	11,35	106,8	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	10,66	106,8	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	8,92	106,8	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	8,18	106,8	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	10,32	107,1	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	7,67	107,1	0,00	88,32	-	-	0,00	0,00	-
23	7.860	7.861	6,87	107,1	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	5,30	107,1	0,00	90,09	-	-	0,00	0,00	-
25	8.345	8.346	6,18	107,1	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	6,43	107,1	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	5,61	107,1	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	5,81	107,1	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	6,71	107,1	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	6,84	107,1	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	6,94	107,1	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	6,98	107,1	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	7,36	107,1	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	7,71	107,1	0,00	88,28	-	-	0,00	0,00	-
35	7.237	7.239	7,83	107,1	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	7,83	107,1	0,00	88,20	-	-	0,00	0,00	-
37	7.132	7.134	8,01	107,1	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	8,41	107,1	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	8,74	107,1	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	8,94	107,1	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	8,95	107,1	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	10,04	107,1	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	11,33	107,1	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	9,54	107,1	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	10,93	107,1	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	12,42	107,1	0,00	84,83	-	-	0,00	0,00	-
Somme			29,91								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,55	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,61	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,75	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,25	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,84	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,29	106,8	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	7,00	104,4	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	4,29	104,4	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	5,06	104,4	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	5,88	104,4	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	6,92	104,4	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	4,35	104,4	0,00	88,90	-	-	0,00	0,00	-
13	7.351	7.352	5,13	104,4	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	5,97	104,4	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	13,09	107,3	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	12,48	107,3	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	11,82	107,3	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	11,13	107,3	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	9,38	107,3	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	10,47	107,3	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	7,82	107,3	0,00	88,32	-	-	0,00	0,00	-
23	7.860	7.861	7,02	107,3	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	5,45	107,3	0,00	90,09	-	-	0,00	0,00	-
25	8.345	8.346	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	6,58	107,3	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	5,76	107,3	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	5,96	107,3	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	6,99	107,3	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	7,09	107,3	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	7,13	107,3	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	7,51	107,3	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	7,86	107,3	0,00	88,28	-	-	0,00	0,00	-
35	7.237	7.239	7,98	107,3	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	7,98	107,3	0,00	88,20	-	-	0,00	0,00	-
37	7.132	7.134	8,16	107,3	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	8,56	107,3	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	8,89	107,3	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	9,09	107,3	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	9,10	107,3	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	10,19	107,3	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	11,48	107,3	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	9,69	107,3	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	11,08	107,3	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	12,57	107,3	0,00	84,83	-	-	0,00	0,00	-
Somme			29,85								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,61	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,70	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,87	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,33	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,85	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,42	106,8	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	7,00	104,4	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	4,29	104,4	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	5,06	104,4	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	5,88	104,4	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	6,92	104,4	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	4,35	104,4	0,00	88,90	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
13	7.351	7.352	5,13	104,4	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	5,97	104,4	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	13,09	107,3	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	12,48	107,3	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	11,82	107,3	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	11,13	107,3	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	9,38	107,3	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	10,47	107,3	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	7,82	107,3	0,00	88,32	-	-	0,00	0,00	-
23	7.860	7.861	7,02	107,3	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	5,45	107,3	0,00	90,09	-	-	0,00	0,00	-
25	8.345	8.346	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	6,58	107,3	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	5,76	107,3	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	5,96	107,3	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	6,99	107,3	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	7,09	107,3	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	7,13	107,3	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	7,51	107,3	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	7,86	107,3	0,00	88,28	-	-	0,00	0,00	-
35	7.237	7.239	7,98	107,3	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	7,98	107,3	0,00	88,20	-	-	0,00	0,00	-
37	7.132	7.134	8,16	107,3	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	8,56	107,3	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	8,89	107,3	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	9,09	107,3	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	9,10	107,3	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	10,19	107,3	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	11,48	107,3	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	9,69	107,3	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	11,08	107,3	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	12,57	107,3	0,00	84,83	-	-	0,00	0,00	-
Somme			29,88								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: Y PF7 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	15,58	101,2	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	13,67	101,2	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	11,82	101,2	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	14,30	101,2	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	19,78	101,2	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	11,36	101,2	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	-2,45	94,9	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	-5,16	94,9	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	-4,39	94,9	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	-3,57	94,9	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	-2,53	94,9	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	-5,10	94,9	0,00	88,90	-	-	0,00	0,00	-
13	7.351	7.352	-4,32	94,9	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	-3,48	94,9	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	0,90	95,1	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	0,29	95,1	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	-0,37	95,1	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	-1,06	95,1	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	-2,80	95,1	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	-3,54	95,1	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	-1,04	95,8	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	-3,70	95,8	0,00	88,32	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
23	7.860	7.861	-4,49	95,8	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	-6,07	95,8	0,00	90,09	-	-	0,00	0,00	-
25	8.345	8.346	-5,19	95,8	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	-4,93	95,8	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	-5,76	95,8	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	-5,55	95,8	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	-4,65	95,8	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	-4,53	95,8	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	-4,42	95,8	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	-4,39	95,8	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	-4,01	95,8	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	-3,65	95,8	0,00	88,28	-	-	0,00	0,00	-
35	7.237	7.239	-3,53	95,8	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	-3,53	95,8	0,00	88,20	-	-	0,00	0,00	-
37	7.132	7.134	-3,36	95,8	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	-2,95	95,8	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	-2,63	95,8	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	-2,42	95,8	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	-2,41	95,8	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	-1,32	95,8	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	-0,04	95,8	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	-1,82	95,8	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	-0,44	95,8	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	1,05	95,8	0,00	84,83	-	-	0,00	0,00	-
Somme			23,65								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	19,91	105,9	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	17,96	105,9	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,07	105,9	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	18,60	105,9	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,18	105,9	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	15,61	105,9	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	1,94	99,3	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	-0,78	99,3	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	0,00	99,3	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	0,82	99,3	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	1,85	99,3	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	-0,71	99,3	0,00	88,90	-	-	0,00	0,00	-
13	7.351	7.352	0,07	99,3	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	0,90	99,3	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	5,43	99,6	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	4,82	99,6	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	4,16	99,6	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	3,47	99,6	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	1,73	99,6	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	0,99	99,6	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	3,64	100,5	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	0,99	100,5	0,00	88,32	-	-	0,00	0,00	-
23	7.860	7.861	0,20	100,5	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	-1,38	100,5	0,00	90,09	-	-	0,00	0,00	-
25	8.345	8.346	-0,50	100,5	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	-0,24	100,5	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	-1,07	100,5	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	-0,86	100,5	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	0,04	100,5	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	0,16	100,5	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	0,27	100,5	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	0,30	100,5	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	0,68	100,5	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	1,04	100,5	0,00	88,28	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	7.237	7.239	1,16	100,5	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	1,15	100,5	0,00	88,20	-	-	0,00	0,00	-
37	7.132	7.134	1,33	100,5	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	1,74	100,5	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	2,06	100,5	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	2,27	100,5	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	2,28	100,5	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	3,37	100,5	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	4,65	100,5	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	2,87	100,5	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	4,25	100,5	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	5,74	100,5	0,00	84,83	-	-	0,00	0,00	-
Somme			28,02								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,85	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,90	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	17,01	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,54	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	25,12	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,55	106,8	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	5,70	103,1	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	2,99	103,1	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	3,76	103,1	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	4,58	103,1	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	5,62	103,1	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	3,05	103,1	0,00	88,90	-	-	0,00	0,00	-
13	7.351	7.352	3,83	103,1	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	4,67	103,1	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	9,50	103,7	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	8,89	103,7	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	8,24	103,7	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	7,54	103,7	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	5,80	103,7	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	5,06	103,7	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	7,79	104,6	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	5,14	104,6	0,00	88,32	-	-	0,00	0,00	-
23	7.860	7.861	4,34	104,6	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	2,77	104,6	0,00	90,09	-	-	0,00	0,00	-
25	8.345	8.346	3,64	104,6	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	3,90	104,6	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	3,08	104,6	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	3,28	104,6	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	4,18	104,6	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	4,31	104,6	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	4,41	104,6	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	4,44	104,6	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	4,83	104,6	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	5,18	104,6	0,00	88,28	-	-	0,00	0,00	-
35	7.237	7.239	5,30	104,6	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	5,30	104,6	0,00	88,20	-	-	0,00	0,00	-
37	7.132	7.134	5,47	104,6	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	5,88	104,6	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	6,21	104,6	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	6,41	104,6	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	6,42	104,6	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	7,51	104,6	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	8,80	104,6	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	7,01	104,6	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	8,40	104,6	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	9,89	104,6	0,00	84,83	-	-	0,00	0,00	-
Somme			29,39								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,74	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,78	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,90	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,42	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	25,02	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,44	106,8	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	6,97	104,4	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	4,26	104,4	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	5,03	104,4	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	5,85	104,4	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	6,89	104,4	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	4,32	104,4	0,00	88,90	-	-	0,00	0,00	-
13	7.351	7.352	5,10	104,4	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	5,94	104,4	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	12,62	106,8	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	12,01	106,8	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	11,35	106,8	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	10,66	106,8	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	8,92	106,8	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	8,18	106,8	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	10,32	107,1	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	7,67	107,1	0,00	88,32	-	-	0,00	0,00	-
23	7.860	7.861	6,87	107,1	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	5,30	107,1	0,00	90,09	-	-	0,00	0,00	-
25	8.345	8.346	6,18	107,1	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	6,43	107,1	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	5,61	107,1	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	5,81	107,1	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	6,71	107,1	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	6,84	107,1	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	6,94	107,1	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	6,98	107,1	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	7,36	107,1	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	7,71	107,1	0,00	88,28	-	-	0,00	0,00	-
35	7.237	7.239	7,83	107,1	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	7,83	107,1	0,00	88,20	-	-	0,00	0,00	-
37	7.132	7.134	8,01	107,1	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	8,41	107,1	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	8,74	107,1	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	8,94	107,1	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	8,95	107,1	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	10,04	107,1	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	11,33	107,1	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	9,54	107,1	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	10,93	107,1	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	12,42	107,1	0,00	84,83	-	-	0,00	0,00	-
Somme			29,91								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,55	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,61	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,75	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,25	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,84	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,29	106,8	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	7,00	104,4	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	4,29	104,4	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	5,06	104,4	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	5,88	104,4	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	6,92	104,4	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	4,35	104,4	0,00	88,90	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
13	7.351	7.352	5,13	104,4	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	5,97	104,4	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	13,09	107,3	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	12,48	107,3	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	11,82	107,3	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	11,13	107,3	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	9,38	107,3	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	10,47	107,3	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	7,82	107,3	0,00	88,32	-	-	0,00	0,00	-
23	7.860	7.861	7,02	107,3	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	5,45	107,3	0,00	90,09	-	-	0,00	0,00	-
25	8.345	8.346	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	6,58	107,3	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	5,76	107,3	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	5,96	107,3	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	6,99	107,3	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	7,09	107,3	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	7,13	107,3	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	7,51	107,3	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	7,86	107,3	0,00	88,28	-	-	0,00	0,00	-
35	7.237	7.239	7,98	107,3	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	7,98	107,3	0,00	88,20	-	-	0,00	0,00	-
37	7.132	7.134	8,16	107,3	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	8,56	107,3	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	8,89	107,3	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	9,09	107,3	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	9,10	107,3	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	10,19	107,3	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	11,48	107,3	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	9,69	107,3	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	11,08	107,3	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	12,57	107,3	0,00	84,83	-	-	0,00	0,00	-
Somme			29,85								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,61	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,70	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,87	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,33	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,85	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,42	106,8	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	7,00	104,4	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	4,29	104,4	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	5,06	104,4	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	5,88	104,4	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	6,92	104,4	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	4,35	104,4	0,00	88,90	-	-	0,00	0,00	-
13	7.351	7.352	5,13	104,4	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	5,97	104,4	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	13,09	107,3	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	12,48	107,3	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	11,82	107,3	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	11,13	107,3	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	9,38	107,3	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	10,47	107,3	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	7,82	107,3	0,00	88,32	-	-	0,00	0,00	-
23	7.860	7.861	7,02	107,3	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	5,45	107,3	0,00	90,09	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
25	8.345	8.346	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	6,58	107,3	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	5,76	107,3	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	5,96	107,3	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	6,99	107,3	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	7,09	107,3	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	7,13	107,3	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	7,51	107,3	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	7,86	107,3	0,00	88,28	-	-	0,00	0,00	-
35	7.237	7.239	7,98	107,3	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	7,98	107,3	0,00	88,20	-	-	0,00	0,00	-
37	7.132	7.134	8,16	107,3	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	8,56	107,3	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	8,89	107,3	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	9,09	107,3	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	9,10	107,3	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	10,19	107,3	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	11,48	107,3	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	9,69	107,3	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	11,08	107,3	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	12,57	107,3	0,00	84,83	-	-	0,00	0,00	-
Somme			29,88								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: Z PF7 nocturne SO

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	15,58	101,2	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	13,67	101,2	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	11,82	101,2	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	14,30	101,2	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	19,78	101,2	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	11,36	101,2	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	-2,45	94,9	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	-5,16	94,9	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	-4,39	94,9	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	-3,57	94,9	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	-2,53	94,9	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	-5,10	94,9	0,00	88,90	-	-	0,00	0,00	-
13	7.351	7.352	-4,32	94,9	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	-3,48	94,9	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	0,90	95,1	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	0,29	95,1	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	-0,37	95,1	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	-1,06	95,1	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	-2,80	95,1	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	-3,54	95,1	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	-1,04	95,8	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	-3,70	95,8	0,00	88,32	-	-	0,00	0,00	-
23	7.860	7.861	-4,49	95,8	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	-6,07	95,8	0,00	90,09	-	-	0,00	0,00	-
25	8.345	8.346	-5,19	95,8	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	-4,93	95,8	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	-5,76	95,8	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	-5,55	95,8	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	-4,65	95,8	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	-4,53	95,8	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	-4,42	95,8	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	-4,39	95,8	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	-4,01	95,8	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	-3,65	95,8	0,00	88,28	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	7.237	7.239	-3,53	95,8	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	-3,53	95,8	0,00	88,20	-	-	0,00	0,00	-
37	7.132	7.134	-3,36	95,8	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	-2,95	95,8	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	-2,63	95,8	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	-2,42	95,8	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	-2,41	95,8	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	-1,32	95,8	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	-0,04	95,8	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	-1,82	95,8	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	-0,44	95,8	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	1,05	95,8	0,00	84,83	-	-	0,00	0,00	-
Somme			23,65								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	19,91	105,9	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	17,96	105,9	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,07	105,9	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	18,60	105,9	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,18	105,9	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	15,61	105,9	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	1,94	99,3	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	-0,78	99,3	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	0,00	99,3	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	0,82	99,3	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	1,85	99,3	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	-0,71	99,3	0,00	88,90	-	-	0,00	0,00	-
13	7.351	7.352	0,07	99,3	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	0,90	99,3	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	5,43	99,6	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	4,82	99,6	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	4,16	99,6	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	3,47	99,6	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	1,73	99,6	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	0,99	99,6	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	3,64	100,5	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	0,99	100,5	0,00	88,32	-	-	0,00	0,00	-
23	7.860	7.861	0,20	100,5	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	-1,38	100,5	0,00	90,09	-	-	0,00	0,00	-
25	8.345	8.346	-0,50	100,5	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	-0,24	100,5	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	-1,07	100,5	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	-0,86	100,5	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	0,04	100,5	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	0,16	100,5	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	0,27	100,5	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	0,30	100,5	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	0,68	100,5	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	1,04	100,5	0,00	88,28	-	-	0,00	0,00	-
35	7.237	7.239	1,16	100,5	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	1,15	100,5	0,00	88,20	-	-	0,00	0,00	-
37	7.132	7.134	1,33	100,5	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	1,74	100,5	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	2,06	100,5	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	2,27	100,5	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	2,28	100,5	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	3,37	100,5	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	4,65	100,5	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	2,87	100,5	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	4,25	100,5	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	5,74	100,5	0,00	84,83	-	-	0,00	0,00	-
Somme			28,02								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,85	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,90	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	17,01	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,54	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	25,12	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,55	106,8	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	5,70	103,1	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	2,99	103,1	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	3,76	103,1	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	4,58	103,1	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	5,62	103,1	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	3,05	103,1	0,00	88,90	-	-	0,00	0,00	-
13	7.351	7.352	3,83	103,1	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	4,67	103,1	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	9,50	103,7	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	8,89	103,7	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	8,24	103,7	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	7,54	103,7	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	5,80	103,7	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	5,06	103,7	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	7,79	104,6	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	5,14	104,6	0,00	88,32	-	-	0,00	0,00	-
23	7.860	7.861	4,34	104,6	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	2,77	104,6	0,00	90,09	-	-	0,00	0,00	-
25	8.345	8.346	3,64	104,6	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	3,90	104,6	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	3,08	104,6	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	3,28	104,6	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	4,18	104,6	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	4,31	104,6	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	4,41	104,6	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	4,44	104,6	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	4,83	104,6	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	5,18	104,6	0,00	88,28	-	-	0,00	0,00	-
35	7.237	7.239	5,30	104,6	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	5,30	104,6	0,00	88,20	-	-	0,00	0,00	-
37	7.132	7.134	5,47	104,6	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	5,88	104,6	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	6,21	104,6	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	6,41	104,6	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	6,42	104,6	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	7,51	104,6	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	8,80	104,6	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	7,01	104,6	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	8,40	104,6	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	9,89	104,6	0,00	84,83	-	-	0,00	0,00	-
Somme			29,39								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,74	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,78	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,90	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,42	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	25,02	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,44	106,8	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	6,97	104,4	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	4,26	104,4	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	5,03	104,4	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	5,85	104,4	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	6,89	104,4	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	4,32	104,4	0,00	88,90	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
13	7.351	7.352	5,10	104,4	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	5,94	104,4	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	12,62	106,8	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	12,01	106,8	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	11,35	106,8	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	10,66	106,8	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	8,92	106,8	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	8,18	106,8	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	10,32	107,1	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	7,67	107,1	0,00	88,32	-	-	0,00	0,00	-
23	7.860	7.861	6,87	107,1	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	5,30	107,1	0,00	90,09	-	-	0,00	0,00	-
25	8.345	8.346	6,18	107,1	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	6,43	107,1	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	5,61	107,1	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	5,81	107,1	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	6,71	107,1	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	6,84	107,1	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	6,94	107,1	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	6,98	107,1	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	7,36	107,1	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	7,71	107,1	0,00	88,28	-	-	0,00	0,00	-
35	7.237	7.239	7,83	107,1	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	7,83	107,1	0,00	88,20	-	-	0,00	0,00	-
37	7.132	7.134	8,01	107,1	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	8,41	107,1	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	8,74	107,1	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	8,94	107,1	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	8,95	107,1	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	10,04	107,1	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	11,33	107,1	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	9,54	107,1	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	10,93	107,1	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	12,42	107,1	0,00	84,83	-	-	0,00	0,00	-
Somme			29,91								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,55	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,61	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,75	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,25	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,84	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,29	106,8	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	7,00	104,4	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	4,29	104,4	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	5,06	104,4	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	5,88	104,4	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	6,92	104,4	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	4,35	104,4	0,00	88,90	-	-	0,00	0,00	-
13	7.351	7.352	5,13	104,4	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	5,97	104,4	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	13,09	107,3	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	12,48	107,3	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	11,82	107,3	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	11,13	107,3	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	9,38	107,3	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	10,47	107,3	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	7,82	107,3	0,00	88,32	-	-	0,00	0,00	-
23	7.860	7.861	7,02	107,3	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	5,45	107,3	0,00	90,09	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
25	8.345	8.346	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	6,58	107,3	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	5,76	107,3	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	5,96	107,3	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	6,99	107,3	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	7,09	107,3	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	7,13	107,3	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	7,51	107,3	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	7,86	107,3	0,00	88,28	-	-	0,00	0,00	-
35	7.237	7.239	7,98	107,3	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	7,98	107,3	0,00	88,20	-	-	0,00	0,00	-
37	7.132	7.134	8,16	107,3	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	8,56	107,3	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	8,89	107,3	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	9,09	107,3	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	9,10	107,3	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	10,19	107,3	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	11,48	107,3	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	9,69	107,3	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	11,08	107,3	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	12,57	107,3	0,00	84,83	-	-	0,00	0,00	-
Somme			29,85								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,61	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,70	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,87	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,33	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,85	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,42	106,8	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	7,00	104,4	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	4,29	104,4	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	5,06	104,4	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	5,88	104,4	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	6,92	104,4	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	4,35	104,4	0,00	88,90	-	-	0,00	0,00	-
13	7.351	7.352	5,13	104,4	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	5,97	104,4	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	13,09	107,3	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	12,48	107,3	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	11,82	107,3	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	11,13	107,3	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	9,38	107,3	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	10,47	107,3	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	7,82	107,3	0,00	88,32	-	-	0,00	0,00	-
23	7.860	7.861	7,02	107,3	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	5,45	107,3	0,00	90,09	-	-	0,00	0,00	-
25	8.345	8.346	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	6,58	107,3	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	5,76	107,3	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	5,96	107,3	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	6,99	107,3	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	7,09	107,3	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	7,13	107,3	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	7,51	107,3	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	7,86	107,3	0,00	88,28	-	-	0,00	0,00	-
35	7.237	7.239	7,98	107,3	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	7,98	107,3	0,00	88,20	-	-	0,00	0,00	-

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DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
37	7.132	7.134	8,16	107,3	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	8,56	107,3	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	8,89	107,3	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	9,09	107,3	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	9,10	107,3	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	10,19	107,3	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	11,48	107,3	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	9,69	107,3	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	11,08	107,3	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	12,57	107,3	0,00	84,83	-	-	0,00	0,00	-
Somme			29,88								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglémenté: AA PF7 nocturne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	15,58	101,2	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	13,67	101,2	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	11,82	101,2	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	14,30	101,2	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	19,78	101,2	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	11,36	101,2	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	-2,45	94,9	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	-5,16	94,9	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	-4,39	94,9	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	-3,57	94,9	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	-2,53	94,9	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	-5,10	94,9	0,00	88,90	-	-	0,00	0,00	-
13	7.351	7.352	-4,32	94,9	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	-3,48	94,9	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	0,90	95,1	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	0,29	95,1	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	-0,37	95,1	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	-1,06	95,1	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	-2,80	95,1	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	-3,54	95,1	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	-1,04	95,8	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	-3,70	95,8	0,00	88,32	-	-	0,00	0,00	-
23	7.860	7.861	-4,49	95,8	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	-6,07	95,8	0,00	90,09	-	-	0,00	0,00	-
25	8.345	8.346	-5,19	95,8	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	-4,93	95,8	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	-5,76	95,8	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	-5,55	95,8	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	-4,65	95,8	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	-4,53	95,8	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	-4,42	95,8	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	-4,39	95,8	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	-4,01	95,8	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	-3,65	95,8	0,00	88,28	-	-	0,00	0,00	-
35	7.237	7.239	-3,53	95,8	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	-3,53	95,8	0,00	88,20	-	-	0,00	0,00	-
37	7.132	7.134	-3,36	95,8	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	-2,95	95,8	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	-2,63	95,8	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	-2,42	95,8	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	-2,41	95,8	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	-1,32	95,8	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	-0,04	95,8	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	-1,82	95,8	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	-0,44	95,8	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	1,05	95,8	0,00	84,83	-	-	0,00	0,00	-
Somme			23,65								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	19,91	105,9	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	17,96	105,9	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,07	105,9	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	18,60	105,9	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,18	105,9	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	15,61	105,9	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	1,94	99,3	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	-0,78	99,3	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	0,00	99,3	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	0,82	99,3	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	1,85	99,3	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	-0,71	99,3	0,00	88,90	-	-	0,00	0,00	-
13	7.351	7.352	0,07	99,3	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	0,90	99,3	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	5,43	99,6	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	4,82	99,6	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	4,16	99,6	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	3,47	99,6	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	1,73	99,6	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	0,99	99,6	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	3,64	100,5	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	0,99	100,5	0,00	88,32	-	-	0,00	0,00	-
23	7.860	7.861	0,20	100,5	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	-1,38	100,5	0,00	90,09	-	-	0,00	0,00	-
25	8.345	8.346	-0,50	100,5	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	-0,24	100,5	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	-1,07	100,5	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	-0,86	100,5	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	0,04	100,5	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	0,16	100,5	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	0,27	100,5	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	0,30	100,5	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	0,68	100,5	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	1,04	100,5	0,00	88,28	-	-	0,00	0,00	-
35	7.237	7.239	1,16	100,5	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	1,15	100,5	0,00	88,20	-	-	0,00	0,00	-
37	7.132	7.134	1,33	100,5	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	1,74	100,5	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	2,06	100,5	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	2,27	100,5	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	2,28	100,5	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	3,37	100,5	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	4,65	100,5	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	2,87	100,5	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	4,25	100,5	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	5,74	100,5	0,00	84,83	-	-	0,00	0,00	-
Somme			28,02								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,85	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,90	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	17,01	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,54	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	25,12	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,55	106,8	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	5,70	103,1	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	2,99	103,1	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	3,76	103,1	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	4,58	103,1	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	5,62	103,1	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	3,05	103,1	0,00	88,90	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
13	7.351	7.352	3,83	103,1	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	4,67	103,1	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	9,50	103,7	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	8,89	103,7	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	8,24	103,7	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	7,54	103,7	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	5,80	103,7	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	5,06	103,7	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	7,79	104,6	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	5,14	104,6	0,00	88,32	-	-	0,00	0,00	-
23	7.860	7.861	4,34	104,6	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	2,77	104,6	0,00	90,09	-	-	0,00	0,00	-
25	8.345	8.346	3,64	104,6	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	3,90	104,6	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	3,08	104,6	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	3,28	104,6	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	4,18	104,6	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	4,31	104,6	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	4,41	104,6	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	4,44	104,6	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	4,83	104,6	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	5,18	104,6	0,00	88,28	-	-	0,00	0,00	-
35	7.237	7.239	5,30	104,6	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	5,30	104,6	0,00	88,20	-	-	0,00	0,00	-
37	7.132	7.134	5,47	104,6	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	5,88	104,6	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	6,21	104,6	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	6,41	104,6	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	6,42	104,6	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	7,51	104,6	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	8,80	104,6	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	7,01	104,6	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	8,40	104,6	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	9,89	104,6	0,00	84,83	-	-	0,00	0,00	-
Somme			29,39								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,74	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,78	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,90	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,42	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	25,02	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,44	106,8	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	6,97	104,4	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	4,26	104,4	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	5,03	104,4	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	5,85	104,4	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	6,89	104,4	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	4,32	104,4	0,00	88,90	-	-	0,00	0,00	-
13	7.351	7.352	5,10	104,4	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	5,94	104,4	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	12,62	106,8	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	12,01	106,8	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	11,35	106,8	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	10,66	106,8	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	8,92	106,8	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	8,18	106,8	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	10,32	107,1	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	7,67	107,1	0,00	88,32	-	-	0,00	0,00	-
23	7.860	7.861	6,87	107,1	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	5,30	107,1	0,00	90,09	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
25	8.345	8.346	6,18	107,1	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	6,43	107,1	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	5,61	107,1	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	5,81	107,1	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	6,71	107,1	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	6,84	107,1	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	6,94	107,1	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	6,98	107,1	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	7,36	107,1	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	7,71	107,1	0,00	88,28	-	-	0,00	0,00	-
35	7.237	7.239	7,83	107,1	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	7,83	107,1	0,00	88,20	-	-	0,00	0,00	-
37	7.132	7.134	8,01	107,1	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	8,41	107,1	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	8,74	107,1	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	8,94	107,1	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	8,95	107,1	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	10,04	107,1	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	11,33	107,1	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	9,54	107,1	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	10,93	107,1	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	12,42	107,1	0,00	84,83	-	-	0,00	0,00	-
Somme			29,91								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,55	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,61	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,75	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,25	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,84	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,29	106,8	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	7,00	104,4	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	4,29	104,4	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	5,06	104,4	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	5,88	104,4	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	6,92	104,4	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	4,35	104,4	0,00	88,90	-	-	0,00	0,00	-
13	7.351	7.352	5,13	104,4	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	5,97	104,4	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	13,09	107,3	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	12,48	107,3	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	11,82	107,3	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	11,13	107,3	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	9,38	107,3	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	10,47	107,3	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	7,82	107,3	0,00	88,32	-	-	0,00	0,00	-
23	7.860	7.861	7,02	107,3	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	5,45	107,3	0,00	90,09	-	-	0,00	0,00	-
25	8.345	8.346	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	6,58	107,3	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	5,76	107,3	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	5,96	107,3	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	6,99	107,3	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	7,09	107,3	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	7,13	107,3	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	7,51	107,3	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	7,86	107,3	0,00	88,28	-	-	0,00	0,00	-
35	7.237	7.239	7,98	107,3	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	7,98	107,3	0,00	88,20	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
37	7.132	7.134	8,16	107,3	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	8,56	107,3	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	8,89	107,3	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	9,09	107,3	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	9,10	107,3	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	10,19	107,3	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	11,48	107,3	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	9,69	107,3	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	11,08	107,3	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	12,57	107,3	0,00	84,83	-	-	0,00	0,00	-
Somme			29,85								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 9,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	2.095	2.101	20,61	106,8	0,00	77,45	-	-	0,00	0,00	-
2	2.421	2.426	18,70	106,8	0,00	78,70	-	-	0,00	0,00	-
3	2.779	2.784	16,87	106,8	0,00	79,89	-	-	0,00	0,00	-
4	2.309	2.314	19,33	106,8	0,00	78,29	-	-	0,00	0,00	-
5	1.516	1.523	24,85	106,8	0,00	74,66	-	-	0,00	0,00	-
6	2.874	2.879	16,42	106,8	0,00	80,18	-	-	0,00	0,00	-
7	6.281	6.282	7,00	104,4	0,00	86,96	-	-	0,00	0,00	-
8	7.896	7.897	4,29	104,4	0,00	88,95	-	-	0,00	0,00	-
9	7.396	7.397	5,06	104,4	0,00	88,38	-	-	0,00	0,00	-
10	6.900	6.900	5,88	104,4	0,00	87,78	-	-	0,00	0,00	-
11	6.325	6.325	6,92	104,4	0,00	87,02	-	-	0,00	0,00	-
12	7.854	7.854	4,35	104,4	0,00	88,90	-	-	0,00	0,00	-
13	7.351	7.352	5,13	104,4	0,00	88,33	-	-	0,00	0,00	-
14	6.851	6.851	5,97	104,4	0,00	87,72	-	-	0,00	0,00	-
15	4.816	4.818	13,09	107,3	0,00	84,66	-	-	0,00	0,00	-
16	5.067	5.068	12,48	107,3	0,00	85,10	-	-	0,00	0,00	-
17	5.350	5.351	11,82	107,3	0,00	85,57	-	-	0,00	0,00	-
18	5.670	5.671	11,13	107,3	0,00	86,07	-	-	0,00	0,00	-
19	6.559	6.560	9,38	107,3	0,00	87,34	-	-	0,00	0,00	-
20	6.978	6.979	8,65	107,3	0,00	87,88	-	-	0,00	0,00	-
21	5.859	5.862	10,47	107,3	0,00	86,36	-	-	0,00	0,00	-
22	7.341	7.343	7,82	107,3	0,00	88,32	-	-	0,00	0,00	-
23	7.860	7.861	7,02	107,3	0,00	88,91	-	-	0,00	0,00	-
24	9.001	9.003	5,45	107,3	0,00	90,09	-	-	0,00	0,00	-
25	8.345	8.346	6,33	107,3	0,00	89,43	-	-	0,00	0,00	-
26	8.161	8.162	6,58	107,3	0,00	89,24	-	-	0,00	0,00	-
27	8.764	8.765	5,76	107,3	0,00	89,86	-	-	0,00	0,00	-
28	8.610	8.612	5,96	107,3	0,00	89,70	-	-	0,00	0,00	-
29	7.969	7.970	6,86	107,3	0,00	89,03	-	-	0,00	0,00	-
30	7.883	7.884	6,99	107,3	0,00	88,94	-	-	0,00	0,00	-
31	7.812	7.813	7,09	107,3	0,00	88,86	-	-	0,00	0,00	-
32	7.790	7.791	7,13	107,3	0,00	88,83	-	-	0,00	0,00	-
33	7.540	7.541	7,51	107,3	0,00	88,55	-	-	0,00	0,00	-
34	7.314	7.315	7,86	107,3	0,00	88,28	-	-	0,00	0,00	-
35	7.237	7.239	7,98	107,3	0,00	88,19	-	-	0,00	0,00	-
36	7.241	7.242	7,98	107,3	0,00	88,20	-	-	0,00	0,00	-
37	7.132	7.134	8,16	107,3	0,00	88,07	-	-	0,00	0,00	-
38	6.888	6.890	8,56	107,3	0,00	87,76	-	-	0,00	0,00	-
39	6.701	6.702	8,89	107,3	0,00	87,52	-	-	0,00	0,00	-
40	6.585	6.587	9,09	107,3	0,00	87,37	-	-	0,00	0,00	-
41	6.580	6.581	9,10	107,3	0,00	87,37	-	-	0,00	0,00	-
42	5.999	6.001	10,19	107,3	0,00	86,56	-	-	0,00	0,00	-
43	5.382	5.384	11,48	107,3	0,00	85,62	-	-	0,00	0,00	-
44	6.259	6.261	9,69	107,3	0,00	86,93	-	-	0,00	0,00	-
45	5.568	5.569	11,08	107,3	0,00	85,92	-	-	0,00	0,00	-
46	4.910	4.912	12,57	107,3	0,00	84,83	-	-	0,00	0,00	-
Somme			29,88								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Zone-bruit-réglémenté: AB PF1 diurne NE

Vit. vent: 4,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	9,80	101,2	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	10,25	101,2	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	9,71	101,2	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	11,14	101,2	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	7,85	101,2	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	14,00	101,2	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	4,27	94,9	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	0,53	94,9	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	1,36	94,9	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	2,15	94,9	0,00	83,64	-	-	0,00	0,00	-
11	3.997	3.997	2,99	94,9	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	1,37	94,9	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	2,33	94,9	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	3,28	94,9	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	13,76	95,1	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	15,77	95,1	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	17,97	95,1	0,00	72,34	-	-	0,00	0,00	-
18	948	954	20,26	95,1	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	15,21	95,1	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	11,42	95,1	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	11,01	95,8	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	2,60	95,8	0,00	83,70	-	-	0,00	0,00	-
23	4.637	4.639	1,73	95,8	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	3,92	95,8	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	6,31	95,8	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	6,43	95,8	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	4,20	95,8	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	3,69	95,8	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	5,85	95,8	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	4,64	95,8	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	3,28	95,8	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	8,88	95,8	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	9,31	95,8	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	8,37	95,8	0,00	79,68	-	-	0,00	0,00	-
35	3.117	3.119	6,59	95,8	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	4,48	95,8	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	12,72	95,8	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	13,21	95,8	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	11,80	95,8	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	9,41	95,8	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	6,18	95,8	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	7,05	95,8	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	8,97	95,8	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	3,55	95,8	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	5,36	95,8	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	7,23	95,8	0,00	80,45	-	-	0,00	0,00	-
Somme			27,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 5,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,03	105,9	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	14,49	105,9	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	13,94	105,9	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	15,39	105,9	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,05	105,9	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	18,29	105,9	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	8,66	99,3	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	4,91	99,3	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	5,75	99,3	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	6,54	99,3	0,00	83,64	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
11	3.997	3.997	7,37	99,3	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	5,75	99,3	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	6,72	99,3	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	7,66	99,3	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	18,29	99,6	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	20,30	99,6	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	22,50	99,6	0,00	72,34	-	-	0,00	0,00	-
18	948	954	24,79	99,6	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	19,74	99,6	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	15,95	99,6	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	15,70	100,5	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	7,28	100,5	0,00	83,70	-	-	0,00	0,00	-
23	4.637	4.639	6,42	100,5	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	8,61	100,5	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	11,00	100,5	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	11,12	100,5	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	8,88	100,5	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	8,38	100,5	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	10,53	100,5	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	9,33	100,5	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	7,96	100,5	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	13,57	100,5	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	13,99	100,5	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	13,06	100,5	0,00	79,68	-	-	0,00	0,00	-
35	3.117	3.119	11,28	100,5	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	9,17	100,5	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	17,41	100,5	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	17,90	100,5	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	16,49	100,5	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	14,10	100,5	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	10,87	100,5	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	11,74	100,5	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	13,66	100,5	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	8,24	100,5	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	10,05	100,5	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	11,92	100,5	0,00	80,45	-	-	0,00	0,00	-
Somme			31,77								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 6,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,96	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,42	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,87	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,32	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,97	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,23	106,8	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	12,42	103,1	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	8,67	103,1	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	9,51	103,1	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	10,30	103,1	0,00	83,64	-	-	0,00	0,00	-
11	3.997	3.997	11,13	103,1	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	9,51	103,1	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	10,48	103,1	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	11,43	103,1	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	22,36	103,7	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	24,38	103,7	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	26,57	103,7	0,00	72,34	-	-	0,00	0,00	-
18	948	954	28,86	103,7	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	23,81	103,7	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	20,02	103,7	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	19,85	104,6	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	11,43	104,6	0,00	83,70	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
23	4.637	4.639	10,57	104,6	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	12,75	104,6	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	15,15	104,6	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	15,26	104,6	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	13,03	104,6	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	12,53	104,6	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	14,68	104,6	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	13,47	104,6	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	12,11	104,6	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	17,71	104,6	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	18,14	104,6	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	17,20	104,6	0,00	79,68	-	-	0,00	0,00	-
35	3.117	3.119	15,42	104,6	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	13,31	104,6	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	21,56	104,6	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	22,04	104,6	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	20,63	104,6	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	18,25	104,6	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	15,01	104,6	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	15,88	104,6	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	17,80	104,6	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	12,38	104,6	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	14,19	104,6	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	16,06	104,6	0,00	80,45	-	-	0,00	0,00	-
Somme			35,55								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 7,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,85	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,31	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,76	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,21	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,87	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,12	106,8	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	13,69	104,4	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	9,95	104,4	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	10,78	104,4	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	11,58	104,4	0,00	83,64	-	-	0,00	0,00	-
11	3.997	3.997	12,41	104,4	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	10,79	104,4	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	11,76	104,4	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	12,70	104,4	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	25,48	106,8	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	27,49	106,8	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	29,69	106,8	0,00	72,34	-	-	0,00	0,00	-
18	948	954	31,98	106,8	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	26,93	106,8	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	23,14	106,8	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	22,38	107,1	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	13,96	107,1	0,00	83,70	-	-	0,00	0,00	-
23	4.637	4.639	13,10	107,1	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	15,28	107,1	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	17,68	107,1	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	17,80	107,1	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	15,56	107,1	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	15,06	107,1	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	17,21	107,1	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	16,01	107,1	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	14,64	107,1	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	20,25	107,1	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	20,67	107,1	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	19,73	107,1	0,00	79,68	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

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Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
35	3.117	3.119	17,95	107,1	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	15,84	107,1	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	24,09	107,1	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	24,57	107,1	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	23,16	107,1	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	20,78	107,1	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	17,54	107,1	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	18,41	107,1	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	20,33	107,1	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	14,91	107,1	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	16,72	107,1	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	18,59	107,1	0,00	80,45	-	-	0,00	0,00	-
Somme			38,27								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Vit. vent: 8,0 m/s

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,72	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,18	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,63	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,07	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,77	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	18,95	106,8	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	13,72	104,4	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	9,98	104,4	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	10,81	104,4	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	11,60	104,4	0,00	83,64	-	-	0,00	0,00	-
11	3.997	3.997	12,44	104,4	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	10,82	104,4	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	11,78	104,4	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	12,73	104,4	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	25,95	107,3	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	27,96	107,3	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	30,16	107,3	0,00	72,34	-	-	0,00	0,00	-
18	948	954	32,45	107,3	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	27,40	107,3	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	23,61	107,3	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	22,53	107,3	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	14,11	107,3	0,00	83,70	-	-	0,00	0,00	-
23	4.637	4.639	13,25	107,3	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	15,43	107,3	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	17,83	107,3	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	17,95	107,3	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	15,71	107,3	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	15,21	107,3	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	17,36	107,3	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	16,16	107,3	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	14,79	107,3	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	20,40	107,3	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	20,82	107,3	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	19,88	107,3	0,00	79,68	-	-	0,00	0,00	-
35	3.117	3.119	18,10	107,3	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	15,99	107,3	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	24,24	107,3	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	24,72	107,3	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	23,31	107,3	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	20,93	107,3	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	17,69	107,3	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	18,56	107,3	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	20,48	107,3	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	15,06	107,3	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	16,87	107,3	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	18,74	107,3	0,00	80,45	-	-	0,00	0,00	-
Somme			38,61								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Résultats détaillés

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Vit. vent: 9,0 m/s

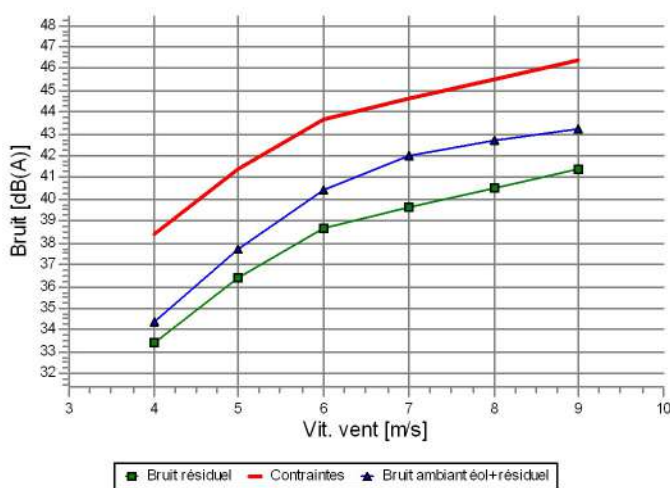
Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	3.229	3.232	14,88	106,8	0,00	81,19	-	-	0,00	0,00	-
2	3.122	3.125	15,33	106,8	0,00	80,90	-	-	0,00	0,00	-
3	3.250	3.253	14,79	106,8	0,00	81,25	-	-	0,00	0,00	-
4	2.923	2.926	16,20	106,8	0,00	80,33	-	-	0,00	0,00	-
5	3.731	3.733	12,96	106,8	0,00	82,44	-	-	0,00	0,00	-
6	2.362	2.367	19,03	106,8	0,00	78,48	-	-	0,00	0,00	-
7	3.590	3.591	13,72	104,4	0,00	82,10	-	-	0,00	0,00	-
8	4.902	4.902	9,98	104,4	0,00	84,81	-	-	0,00	0,00	-
9	4.574	4.575	10,81	104,4	0,00	84,21	-	-	0,00	0,00	-
10	4.283	4.283	11,60	104,4	0,00	83,64	-	-	0,00	0,00	-
11	3.997	3.997	12,44	104,4	0,00	83,03	-	-	0,00	0,00	-
12	4.572	4.573	10,82	104,4	0,00	84,20	-	-	0,00	0,00	-
13	4.220	4.220	11,78	104,4	0,00	83,51	-	-	0,00	0,00	-
14	3.901	3.902	12,73	104,4	0,00	82,82	-	-	0,00	0,00	-
15	1.665	1.668	25,95	107,3	0,00	75,44	-	-	0,00	0,00	-
16	1.404	1.408	27,96	107,3	0,00	73,97	-	-	0,00	0,00	-
17	1.162	1.166	30,16	107,3	0,00	72,34	-	-	0,00	0,00	-
18	948	954	32,45	107,3	0,00	70,59	-	-	0,00	0,00	-
19	1.474	1.477	27,40	107,3	0,00	74,39	-	-	0,00	0,00	-
20	2.018	2.020	23,61	107,3	0,00	77,11	-	-	0,00	0,00	-
21	2.199	2.204	22,53	107,3	0,00	77,86	-	-	0,00	0,00	-
22	4.313	4.315	14,11	107,3	0,00	83,70	-	-	0,00	0,00	-
23	4.637	4.639	13,25	107,3	0,00	84,33	-	-	0,00	0,00	-
24	3.858	3.860	15,43	107,3	0,00	82,73	-	-	0,00	0,00	-
25	3.184	3.186	17,83	107,3	0,00	81,07	-	-	0,00	0,00	-
26	3.155	3.157	17,95	107,3	0,00	80,99	-	-	0,00	0,00	-
27	3.768	3.770	15,71	107,3	0,00	82,53	-	-	0,00	0,00	-
28	3.931	3.933	15,21	107,3	0,00	82,89	-	-	0,00	0,00	-
29	3.301	3.303	17,36	107,3	0,00	81,38	-	-	0,00	0,00	-
30	3.627	3.630	16,16	107,3	0,00	82,20	-	-	0,00	0,00	-
31	4.072	4.075	14,79	107,3	0,00	83,20	-	-	0,00	0,00	-
32	2.607	2.610	20,40	107,3	0,00	79,33	-	-	0,00	0,00	-
33	2.521	2.524	20,82	107,3	0,00	79,04	-	-	0,00	0,00	-
34	2.715	2.717	19,88	107,3	0,00	79,68	-	-	0,00	0,00	-
35	3.117	3.119	18,10	107,3	0,00	80,88	-	-	0,00	0,00	-
36	3.678	3.680	15,99	107,3	0,00	82,32	-	-	0,00	0,00	-
37	1.916	1.920	24,24	107,3	0,00	76,66	-	-	0,00	0,00	-
38	1.841	1.845	24,72	107,3	0,00	76,32	-	-	0,00	0,00	-
39	2.065	2.069	23,31	107,3	0,00	77,32	-	-	0,00	0,00	-
40	2.499	2.503	20,93	107,3	0,00	78,97	-	-	0,00	0,00	-
41	3.217	3.220	17,69	107,3	0,00	81,16	-	-	0,00	0,00	-
42	3.007	3.010	18,56	107,3	0,00	80,57	-	-	0,00	0,00	-
43	2.588	2.591	20,48	107,3	0,00	79,27	-	-	0,00	0,00	-
44	3.980	3.982	15,06	107,3	0,00	83,00	-	-	0,00	0,00	-
45	3.426	3.428	16,87	107,3	0,00	81,70	-	-	0,00	0,00	-
46	2.966	2.969	18,74	107,3	0,00	80,45	-	-	0,00	0,00	-
Somme			38,61								

- Données indéfinies car le calcul se fait avec les bandes d'octave

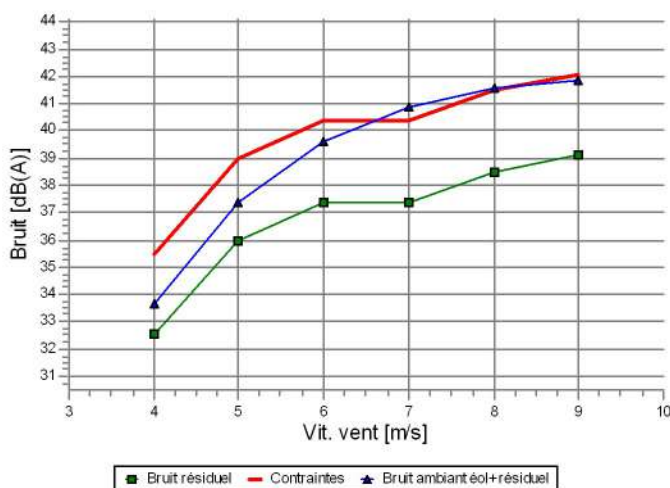
DECIBEL - Analyse des résultats

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
A PF1 diurne SO



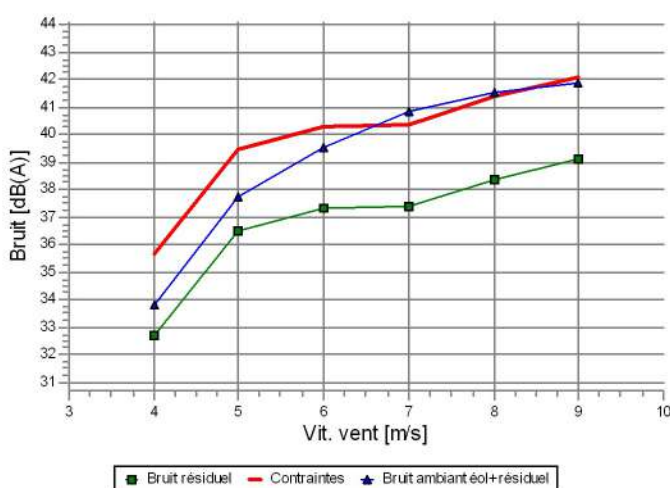
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,4	5,0	27,2	34,3	0,9	Oui
5,0	36,4	5,0	31,8	37,7	1,3	Oui
6,0	38,7	5,0	35,6	40,4	1,7	Oui
7,0	39,6	5,0	38,3	42,0	2,4	Oui
8,0	40,5	5,0	38,6	42,7	2,2	Oui
9,0	41,4	5,0	38,6	43,2	1,8	Oui

B PF1 nocturne SO



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	32,5	3,0	27,2	33,6	1,1	Oui
5,0	36,0	3,0	31,8	37,4	1,4	Oui
6,0	37,4	3,0	35,6	39,6	2,2	Oui
7,0	37,4	3,0	38,3	40,9	3,5	Non
8,0	38,5	3,0	38,6	41,6	3,1	Non
9,0	39,1	3,0	38,6	41,9	2,8	Oui

C PF1 nocturne NE

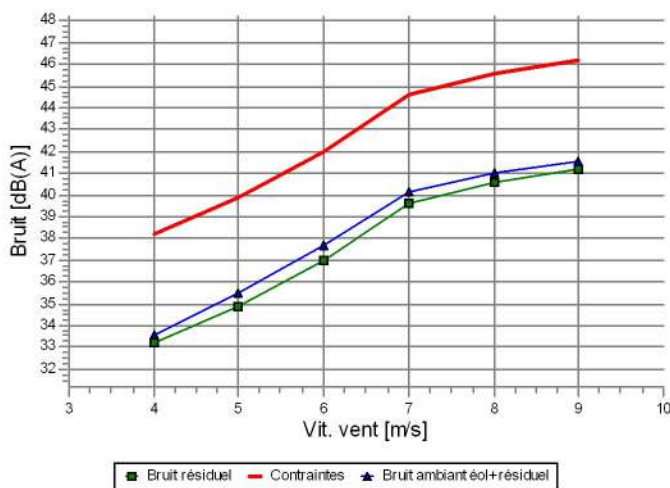


Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	32,7	3,0	27,2	33,8	1,1	Oui
5,0	36,5	3,0	31,8	37,8	1,3	Oui
6,0	37,3	3,0	35,6	39,5	2,2	Oui
7,0	37,4	3,0	38,3	40,9	3,5	Non
8,0	38,4	3,0	38,6	41,5	3,1	Non
9,0	39,1	3,0	38,6	41,9	2,8	Oui

DECIBEL - Analyse des résultats

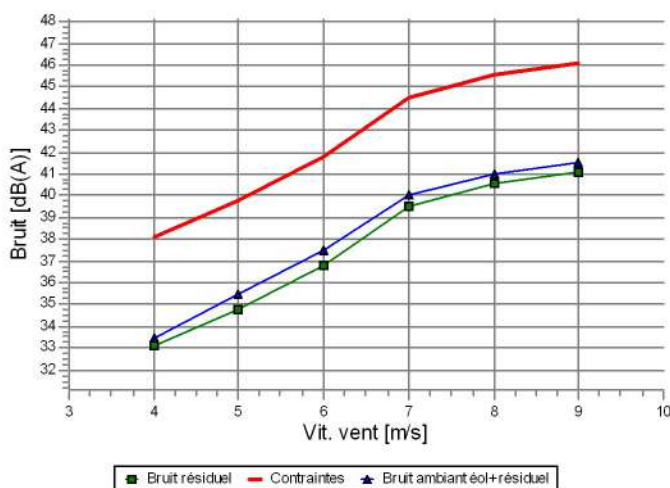
Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

D PF2 diurne SO



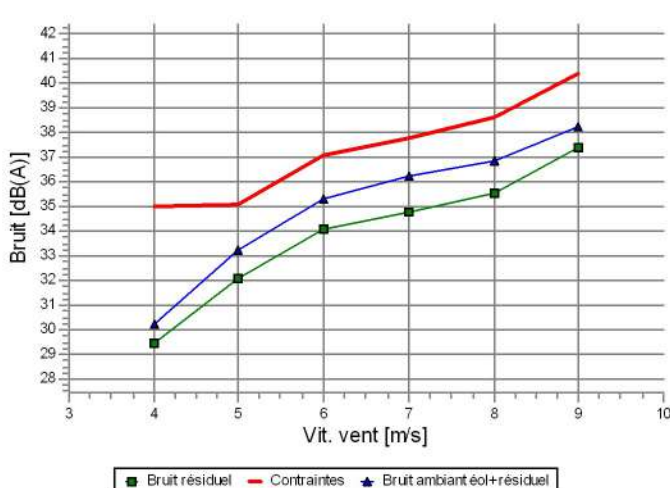
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,2	5,0	22,4	33,5	0,3	Oui
5,0	34,9	5,0	26,8	35,5	0,6	Oui
6,0	37,0	5,0	29,2	37,7	0,7	Oui
7,0	39,6	5,0	30,7	40,1	0,5	Oui
8,0	40,6	5,0	30,8	41,0	0,4	Oui
9,0	41,2	5,0	30,9	41,6	0,4	Oui

E PF2 diurne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,1	5,0	22,4	33,5	0,4	Oui
5,0	34,8	5,0	26,8	35,4	0,6	Oui
6,0	36,8	5,0	29,2	37,5	0,7	Oui
7,0	39,5	5,0	30,7	40,0	0,5	Oui
8,0	40,6	5,0	30,8	41,0	0,4	Oui
9,0	41,1	5,0	30,9	41,5	0,4	Oui

F PF2 nocturne SO

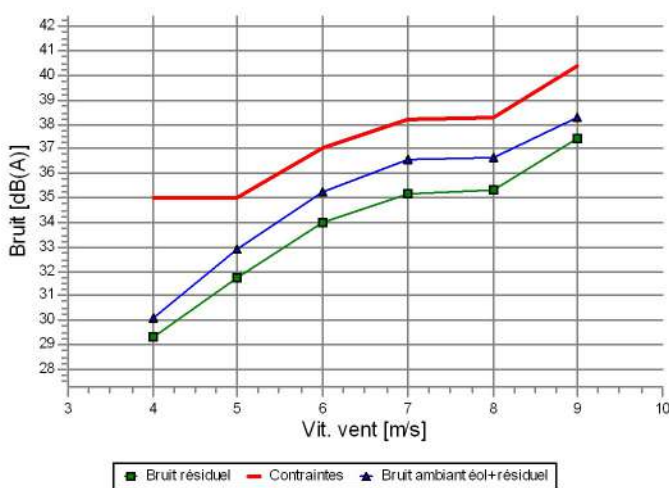


Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	29,5	3,0	22,4	30,3	0,8	Oui
5,0	32,1	3,0	26,8	33,2	1,1	Oui
6,0	34,1	3,0	29,2	35,3	1,2	Oui
7,0	34,8	3,0	30,7	36,2	1,4	Oui
8,0	35,6	3,0	30,8	36,8	1,2	Oui
9,0	37,4	3,0	30,9	38,3	0,9	Oui

DECIBEL - Analyse des résultats

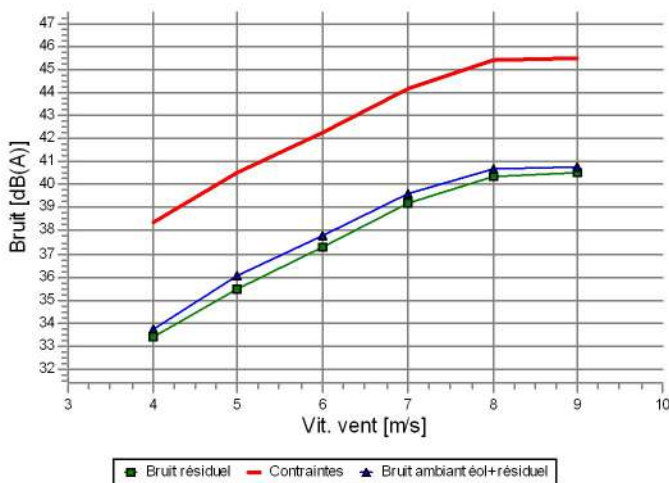
Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

G PF2 nocturne NE



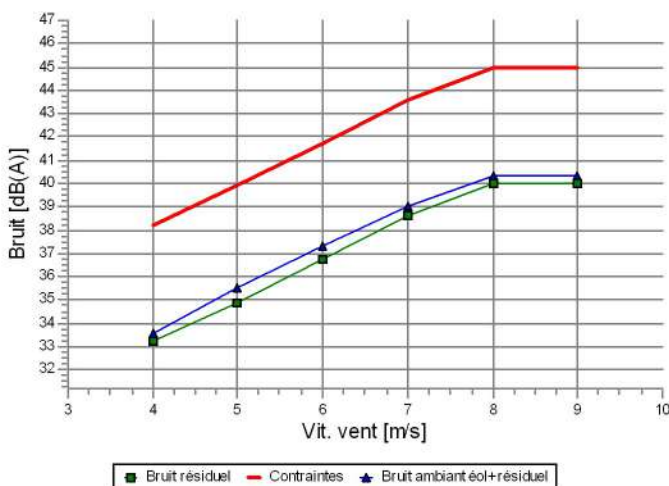
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	29,3	3,0	22,4	30,1	0,8	Oui
5,0	31,7	3,0	26,8	32,9	1,2	Oui
6,0	34,0	3,0	29,2	35,2	1,2	Oui
7,0	35,2	3,0	30,7	36,5	1,3	Oui
8,0	35,3	3,0	30,8	36,6	1,3	Oui
9,0	37,4	3,0	30,9	38,3	0,9	Oui

H PF3 diurne SO



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,4	5,0	22,5	33,7	0,3	Oui
5,0	35,5	5,0	26,8	36,1	0,6	Oui
6,0	37,3	5,0	28,3	37,8	0,5	Oui
7,0	39,2	5,0	28,9	39,6	0,4	Oui
8,0	40,4	5,0	28,8	40,7	0,3	Oui
9,0	40,5	5,0	28,9	40,8	0,3	Oui

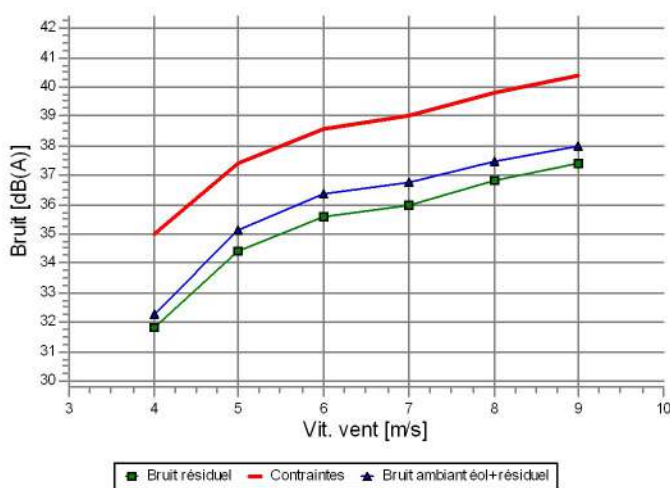
I PF3 diurne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,2	5,0	22,5	33,6	0,4	Oui
5,0	34,9	5,0	26,8	35,5	0,6	Oui
6,0	36,7	5,0	28,3	37,3	0,6	Oui
7,0	38,6	5,0	28,9	39,0	0,4	Oui
8,0	40,0	5,0	28,8	40,3	0,3	Oui
9,0	40,0	5,0	28,9	40,3	0,3	Oui

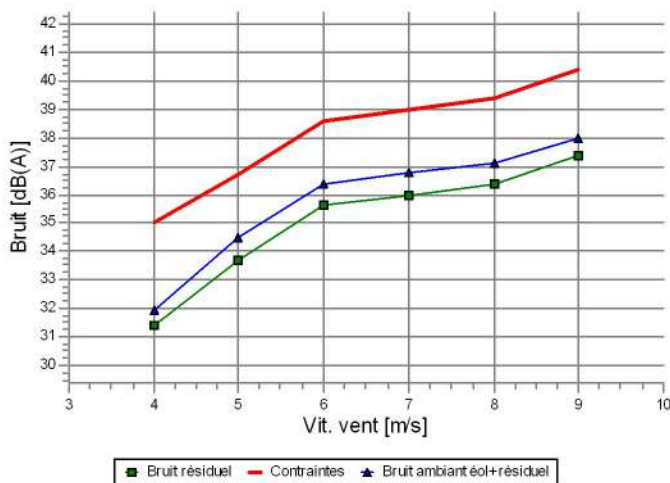
DECIBEL - Analyse des résultats

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de Viapres
Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
J PF3 nocturne SO



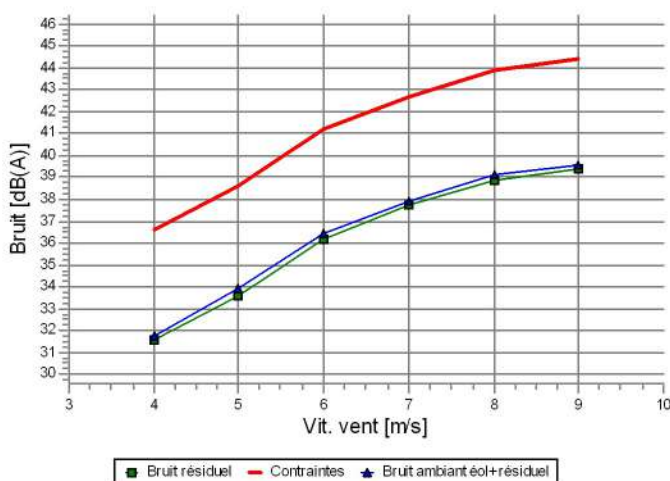
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	31,8	3,0	22,5	32,3	0,5	Oui
5,0	34,4	3,0	26,8	35,1	0,7	Oui
6,0	35,6	3,0	28,3	36,3	0,7	Oui
7,0	36,0	3,0	28,9	36,8	0,8	Oui
8,0	36,8	3,0	28,8	37,4	0,6	Oui
9,0	37,4	3,0	28,9	38,0	0,6	Oui

K PF3 nocturne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	31,4	3,0	22,5	31,9	0,5	Oui
5,0	33,7	3,0	26,8	34,5	0,8	Oui
6,0	35,6	3,0	28,3	36,3	0,7	Oui
7,0	36,0	3,0	28,9	36,8	0,8	Oui
8,0	36,4	3,0	28,8	37,1	0,7	Oui
9,0	37,4	3,0	28,9	38,0	0,6	Oui

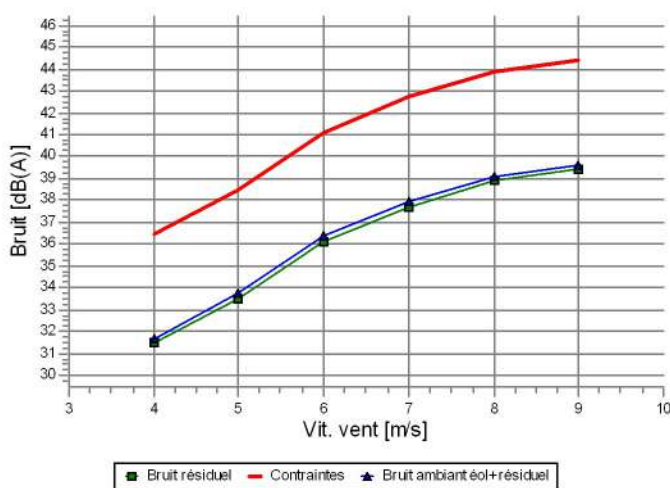
L PF4 diurne SO



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	31,6	5,0	17,8	31,8	0,2	Oui
5,0	33,6	5,0	22,1	33,9	0,3	Oui
6,0	36,2	5,0	24,3	36,5	0,3	Oui
7,0	37,7	5,0	25,5	38,0	0,3	Oui
8,0	38,9	5,0	25,6	39,1	0,2	Oui
9,0	39,4	5,0	25,6	39,6	0,2	Oui

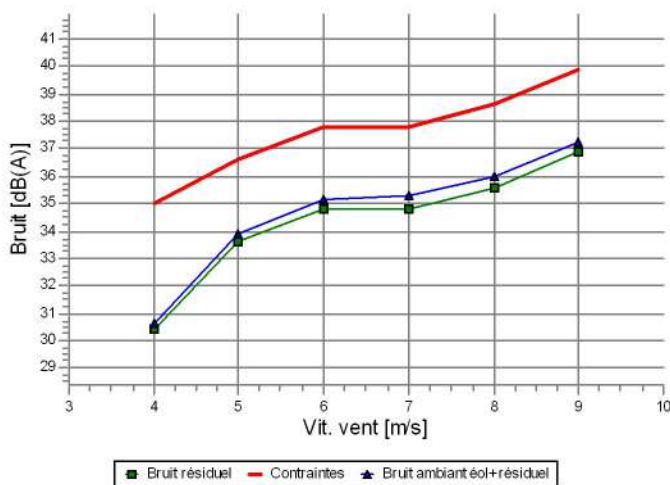
DECIBEL - Analyse des résultats

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
M PF4 diurne NE



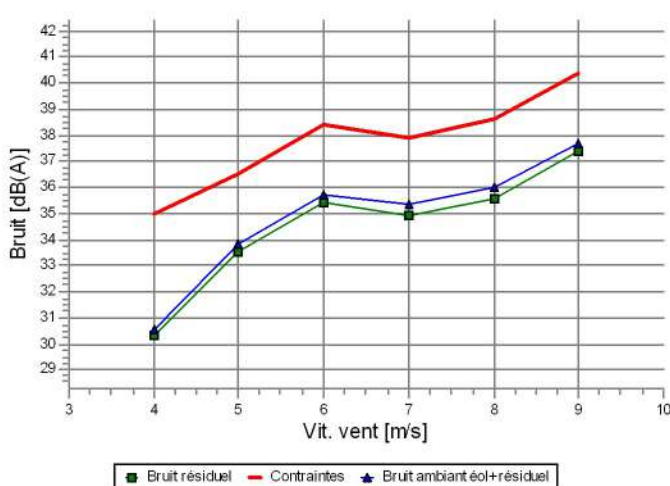
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	31,5	5,0	17,8	31,7	0,2	Oui
5,0	33,5	5,0	22,1	33,8	0,3	Oui
6,0	36,1	5,0	24,3	36,4	0,3	Oui
7,0	37,7	5,0	25,5	38,0	0,3	Oui
8,0	38,9	5,0	25,6	39,1	0,2	Oui
9,0	39,4	5,0	25,6	39,6	0,2	Oui

N PF4 nocturne SO



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	30,4	3,0	17,8	30,6	0,2	Oui
5,0	33,6	3,0	22,1	33,9	0,3	Oui
6,0	34,8	3,0	24,3	35,2	0,4	Oui
7,0	34,8	3,0	25,5	35,3	0,5	Oui
8,0	35,6	3,0	25,6	36,0	0,4	Oui
9,0	36,9	3,0	25,6	37,2	0,3	Oui

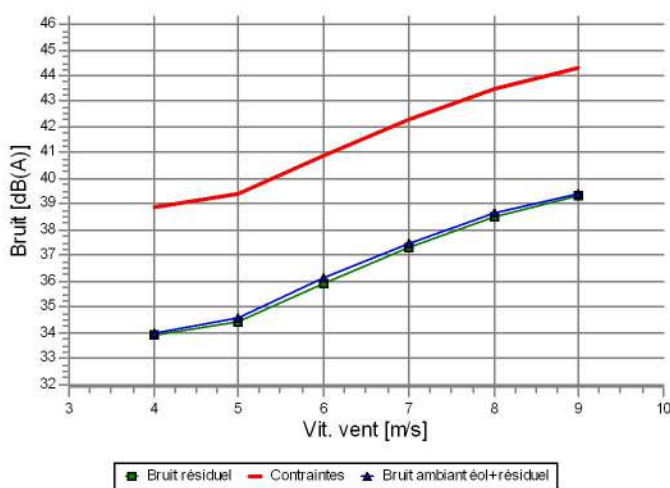
O PF4 nocturne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	30,3	3,0	17,8	30,5	0,2	Oui
5,0	33,5	3,0	22,1	33,8	0,3	Oui
6,0	35,4	3,0	24,3	35,7	0,3	Oui
7,0	34,9	3,0	25,5	35,4	0,5	Oui
8,0	35,6	3,0	25,6	36,0	0,4	Oui
9,0	37,4	3,0	25,6	37,7	0,3	Oui

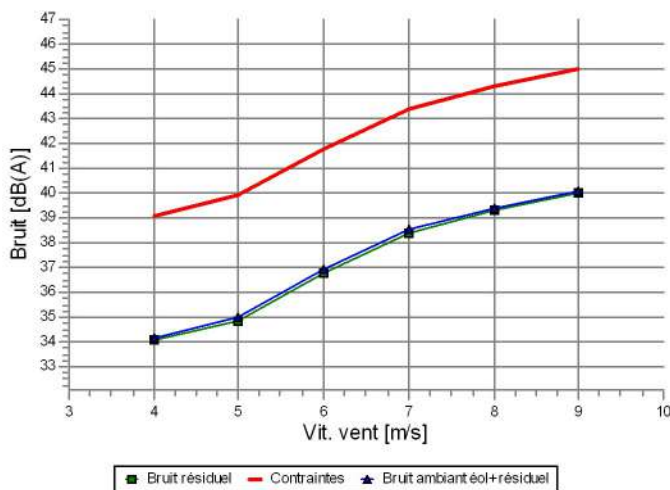
DECIBEL - Analyse des résultats

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
P PF5 diurne SO



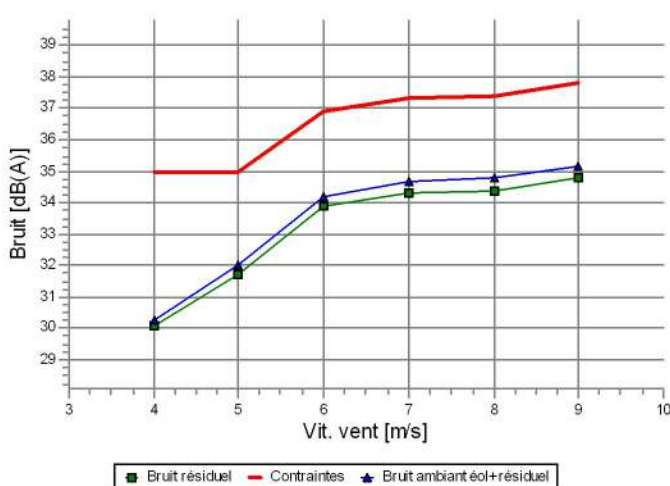
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,9	5,0	16,1	34,0	0,1	Oui
5,0	34,4	5,0	20,5	34,6	0,2	Oui
6,0	35,9	5,0	22,7	36,1	0,2	Oui
7,0	37,3	5,0	24,0	37,5	0,2	Oui
8,0	38,5	5,0	24,1	38,7	0,2	Oui
9,0	39,3	5,0	24,1	39,4	0,1	Oui

Q PF5 diurne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	34,1	5,0	16,1	34,2	0,1	Oui
5,0	34,9	5,0	20,5	35,1	0,2	Oui
6,0	36,8	5,0	22,7	37,0	0,2	Oui
7,0	38,4	5,0	24,0	38,6	0,2	Oui
8,0	39,3	5,0	24,1	39,4	0,1	Oui
9,0	40,0	5,0	24,1	40,1	0,1	Oui

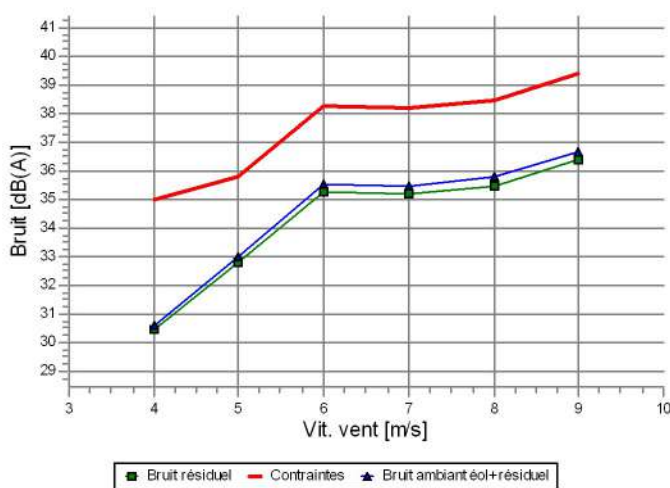
R PF5 nocturne SO



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	30,1	3,0	16,1	30,3	0,2	Oui
5,0	31,7	3,0	20,5	32,0	0,3	Oui
6,0	33,9	3,0	22,7	34,2	0,3	Oui
7,0	34,3	3,0	24,0	34,7	0,4	Oui
8,0	34,4	3,0	24,1	34,8	0,4	Oui
9,0	34,8	3,0	24,1	35,2	0,4	Oui

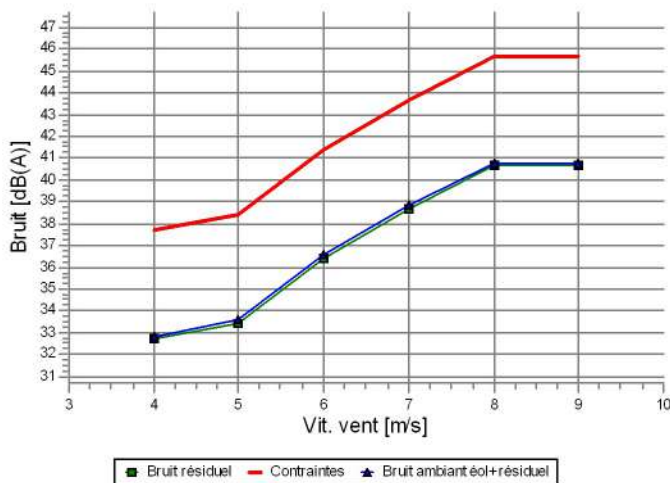
DECIBEL - Analyse des résultats

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
S PF5 nocturne NE



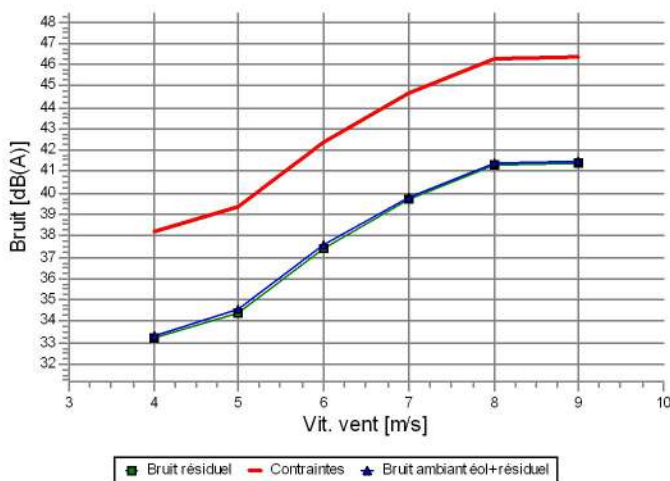
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	30,5	3,0	16,1	30,7	0,2	Oui
5,0	32,8	3,0	20,5	33,0	0,2	Oui
6,0	35,3	3,0	22,7	35,5	0,2	Oui
7,0	35,2	3,0	24,0	35,5	0,3	Oui
8,0	35,5	3,0	24,1	35,8	0,3	Oui
9,0	36,4	3,0	24,1	36,6	0,2	Oui

T PF6 diurne SO



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	32,7	5,0	16,3	32,8	0,1	Oui
5,0	33,4	5,0	20,6	33,6	0,2	Oui
6,0	36,4	5,0	23,4	36,6	0,2	Oui
7,0	38,7	5,0	24,9	38,9	0,2	Oui
8,0	40,7	5,0	25,0	40,8	0,1	Oui
9,0	40,7	5,0	25,0	40,8	0,1	Oui

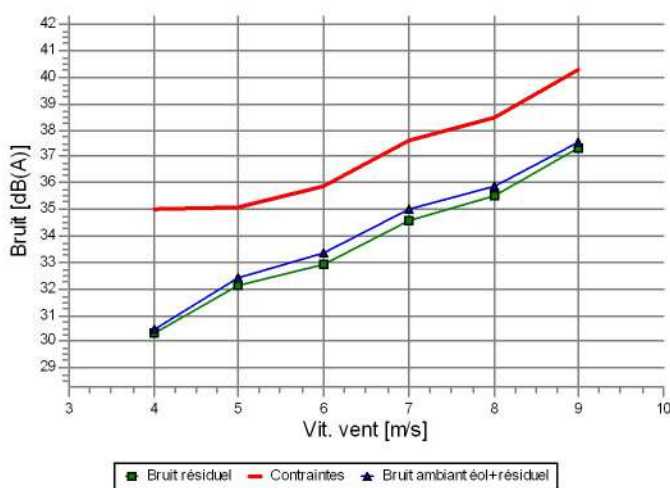
U PF6 diurne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,2	5,0	16,3	33,3	0,1	Oui
5,0	34,4	5,0	20,6	34,6	0,2	Oui
6,0	37,4	5,0	23,4	37,6	0,2	Oui
7,0	39,7	5,0	24,9	39,8	0,1	Oui
8,0	41,3	5,0	25,0	41,4	0,1	Oui
9,0	41,4	5,0	25,0	41,5	0,1	Oui

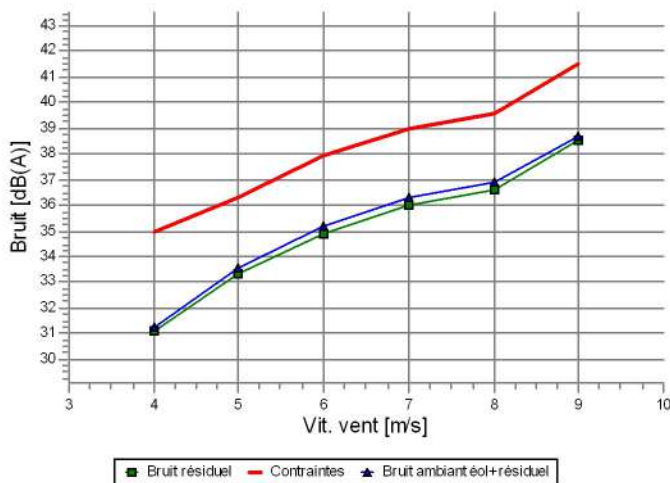
DECIBEL - Analyse des résultats

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
V PF6 nocturne SO



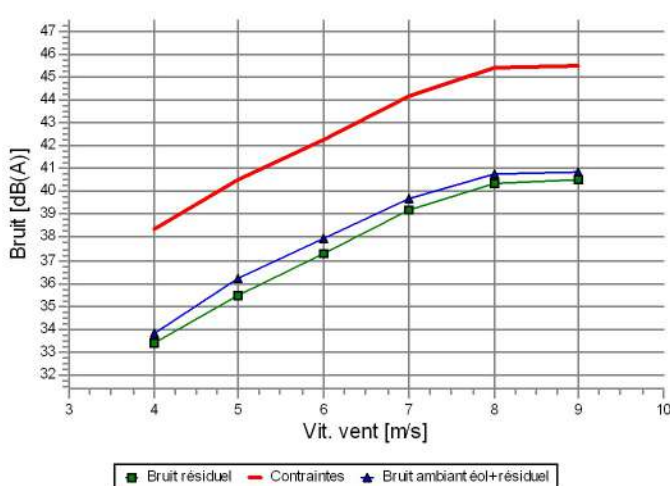
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	30,3	3,0	16,3	30,5	0,2	Oui
5,0	32,1	3,0	20,6	32,4	0,3	Oui
6,0	32,9	3,0	23,4	33,4	0,5	Oui
7,0	34,6	3,0	24,9	35,0	0,4	Oui
8,0	35,5	3,0	25,0	35,9	0,4	Oui
9,0	37,3	3,0	25,0	37,5	0,2	Oui

W PF6 nocturne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	31,1	3,0	16,3	31,2	0,1	Oui
5,0	33,3	3,0	20,6	33,5	0,2	Oui
6,0	34,9	3,0	23,4	35,2	0,3	Oui
7,0	36,0	3,0	24,9	36,3	0,3	Oui
8,0	36,6	3,0	25,0	36,9	0,3	Oui
9,0	38,5	3,0	25,0	38,7	0,2	Oui

X PF7 diurne SO

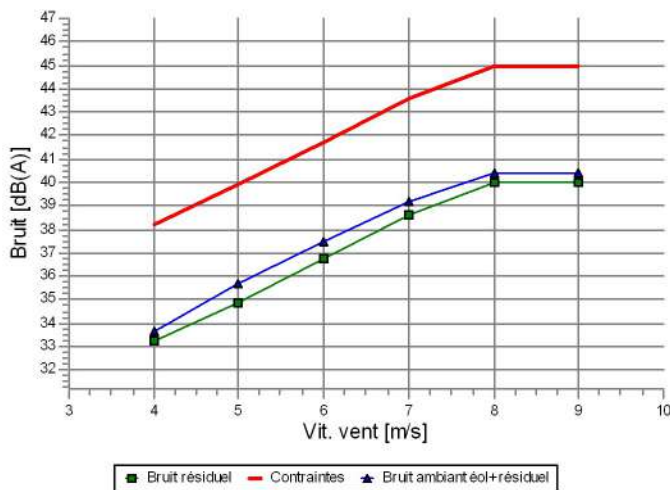


Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,4	5,0	23,7	33,8	0,4	Oui
5,0	35,5	5,0	28,0	36,2	0,7	Oui
6,0	37,3	5,0	29,4	38,0	0,7	Oui
7,0	39,2	5,0	29,9	39,7	0,5	Oui
8,0	40,4	5,0	29,8	40,8	0,4	Oui
9,0	40,5	5,0	29,9	40,9	0,4	Oui

DECIBEL - Analyse des résultats

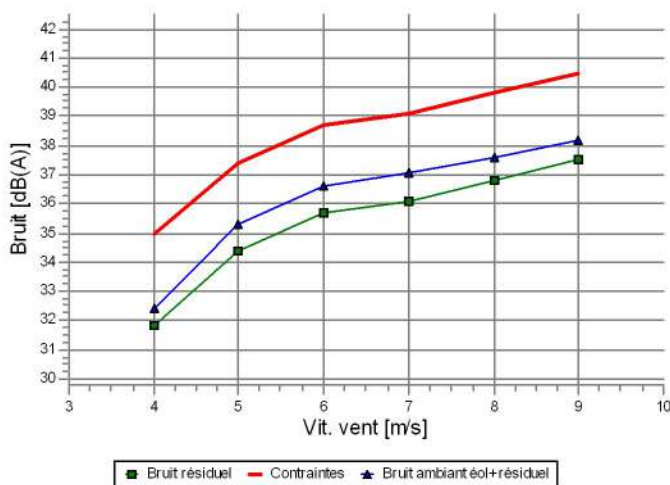
Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006

Y PF7 diurne NE



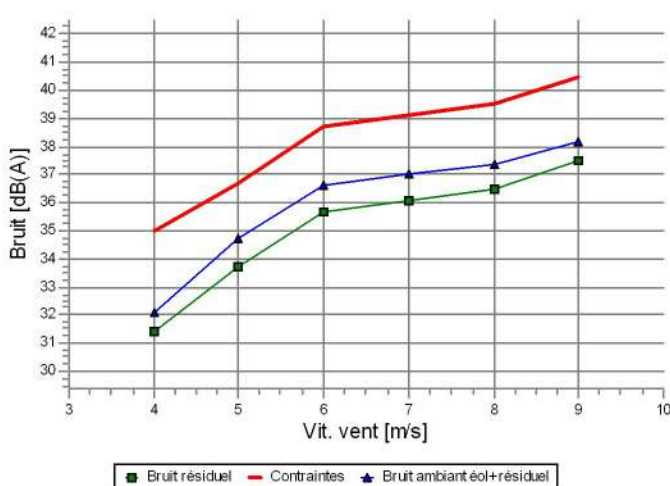
Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	33,2	5,0	23,7	33,7	0,5	Oui
5,0	34,9	5,0	28,0	35,7	0,8	Oui
6,0	36,7	5,0	29,4	37,4	0,7	Oui
7,0	38,6	5,0	29,9	39,2	0,6	Oui
8,0	40,0	5,0	29,8	40,4	0,4	Oui
9,0	40,0	5,0	29,9	40,4	0,4	Oui

Z PF7 nocturne SO



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	31,8	3,0	23,7	32,4	0,6	Oui
5,0	34,4	3,0	28,0	35,3	0,9	Oui
6,0	35,7	3,0	29,4	36,6	0,9	Oui
7,0	36,1	3,0	29,9	37,0	0,9	Oui
8,0	36,8	3,0	29,8	37,6	0,8	Oui
9,0	37,5	3,0	29,9	38,2	0,7	Oui

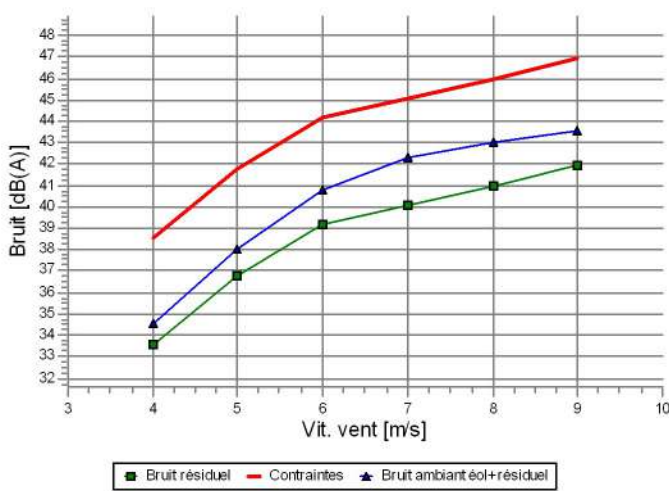
AA PF7 nocturne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore Bruit éoliennes	Bruit ambiant éol+résiduel	Résultats Emergence	Contrainte respectée ?
[m/s]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	[dB(A)]	
4,0	31,4	3,0	23,7	32,1	0,7	Oui
5,0	33,7	3,0	28,0	34,7	1,0	Oui
6,0	35,7	3,0	29,4	36,6	0,9	Oui
7,0	36,1	3,0	29,9	37,0	0,9	Oui
8,0	36,5	3,0	29,8	37,4	0,9	Oui
9,0	37,5	3,0	29,9	38,2	0,7	Oui

DECIBEL - Analyse des résultats

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de ViapresModèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006
 AB PF1 diurne NE



Vit. vent	Bruit résiduel	Contraintes Emergence max. permise	Niveau sonore éoliennes [dB(A)]	Bruit ambiant éol+résiduel [dB(A)]	Résultats Emergence [dB(A)]	Contrainte respectée ?
4,0	33,6	5,0	27,2	34,5	0,9	Oui
5,0	36,8	5,0	31,8	38,0	1,2	Oui
6,0	39,2	5,0	35,6	40,8	1,6	Oui
7,0	40,1	5,0	38,3	42,3	2,2	Oui
8,0	41,0	5,0	38,6	43,0	2,0	Oui
9,0	41,9	5,0	38,6	43,6	1,7	Oui

DECIBEL - Hypothèses de calcul

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de Viapres

Modèle utilisé pour les calculs de bruit:

ISO 9613-2 France 2006

Vit. vent (à 10m de hauteur):

4,0 m/s - 9,0 m/s, par pas de 1,0 m/s

Atténuation du sol:

Générale, dureté uniforme, Dureté sol: 0,7

Coefficient météorologique, CO:

0,0 dB

Type de contrainte utilisée pour le calcul:

2 : L'émergence due aux éol. est comparée à l'émergence réglementaire (FR etc.)

Expression des niveaux de bruit utilisées dans les calculs:

Toutes les valeurs sont des niveaux moy. Lwa (distri. normale)

Prise en compte des tons isolés:

En augmentant la contrainte par la pénalité pour tons isolés

Bibliothèque d'éoliennes

Hauteur en l'absence de valeur dans l'objet Zone-bruit-réglementé:

1,5 m; Interdire de substituer la hauteur définie dans le modèle par celle de l'objet Zone-bruit-réglementé

Marge liée à l'incertitude (ajoutée au résultat principal):

0,0 dB; Marge liée à l'incertitude des objets Zone-bruit-réglementée en priorité

Modification de la contrainte réglementaire : plus restrictive si < 0, moins restrictive si > 0.:

0,0 dB(A)

Bandes d'octave requises

Absorption atmosphérique variable en fonction de la fréquence

63	125	250	500	1.000	2.000	4.000	8.000
[dB/km]	[dB/km]	[dB/km]	[dB/km]	[dB/km]	[dB/km]	[dB/km]	[dB/km]
0,10	0,40	1,00	1,90	3,70	9,70	32,80	117,00

Eoliennes: ENERCON E-160 EP5 E2 5500 160.0 !O!

Bruit: E-160 EP5 E2 - OM 0 s

Source Date source Etabli par Modifié(e) le
ENERCON GmbH 13.05.2020 EMD 28.05.2020 16:22

The sound power levels do not include uncertainties.

According to manufacturer specification document (D0921349-1/D0921364-1).

Enercon reserves the right to change the above specifications without prior notice.

Type de valeur	Hauteur [m]	Vit. vent [m/s]	Lwa,ref [dB(A)]	Tons isolés	Bandes d'octave							
					63	125	250	500	1000	2000	4000	8000
De la bibliothèque	140,0	4,0	101,2	Non	82,0	87,4	90,0	93,4	95,8	96,5	89,9	71,6
De la bibliothèque	140,0	5,0	105,9	Non	86,1	91,6	94,0	97,4	100,5	101,6	95,2	76,8
De la bibliothèque	140,0	6,0	106,8	Non	86,9	92,5	95,0	98,5	101,4	102,4	96,0	77,6
De la bibliothèque	140,0	7,0	106,8	Non	87,0	92,5	94,7	98,1	101,3	102,6	96,2	77,8
De la bibliothèque	140,0	8,0	106,8	Non	87,2	92,6	94,6	97,5	101,1	102,9	96,6	78,3
De la bibliothèque	140,0	9,0	106,8	Non	87,5	92,8	95,0	97,8	100,7	102,8	97,0	78,9

Eoliennes: VESTAS V126-3.45 HTq 3450 126.0 !O!

Bruit: Level 0 - Calculated - Mode 0 - 2016-01

Source Date source Etabli par Modifié(e) le
HH: Vestas; 10 m: calculated by EMD 08.01.2016 EMD 04.10.2016 14:42

Document DMS 0056-6303.00.

Blades with serrated trailing edge.

Hub height wind speed noise data from Vestas. Wind speed at hub height is converted to 10 m height using the IEC 61400-11 wind profile (5 cm roughness). Noise levels are interpolated at integer wind speeds.

Type de valeur	Hauteur [m]	Vit. vent [m/s]	Lwa,ref [dB(A)]	Tons isolés	Bandes d'octave								
					63	125	250	500	1000	2000	4000	8000	
De la bibliothèque	87,0	4,0	94,9	Non	Données génériques	76,5	83,5	86,9	89,5	89,3	86,4	81,6	72,1
De la bibliothèque	87,0	5,0	99,3	Non	Données génériques	80,9	87,9	91,3	93,9	93,7	90,8	86,0	76,5
De la bibliothèque	87,0	6,0	103,1	Non	Données génériques	84,7	91,7	95,1	97,7	97,5	94,6	89,8	80,3
De la bibliothèque	87,0	7,0	104,4	Non	Données génériques	86,0	93,0	96,4	99,0	98,8	95,9	91,1	81,6
De la bibliothèque	87,0	8,0	104,4	Non	Données génériques	86,0	93,0	96,4	99,0	98,8	95,9	91,1	81,6
De la bibliothèque	87,0	9,0	104,4	Non	Données génériques	86,0	93,0	96,4	99,0	98,8	95,9	91,1	81,6

DECIBEL - Hypothèses de calcul

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de Viapres

Eoliennes: VESTAS V126-3.45 LTq 3450 126.0 !0!

Bruit: Level 0 - Calculated - Mode 0 - 2016-01

Source Date source Etabli par Modifié(e) le
HH: Vestas; 10 m: calculated by EMD 08.01.2016 EMD 04.10.2016 14:43
Document DMS 0053-3712.03.

Blades with serrated trailing edge.

Hub height wind speed noise data from Vestas. Wind speed at hub height is converted to 10 m height using the IEC 61400-11 wind profile (5 cm roughness). Noise levels are interpolated at integer wind speeds.

Type de valeur	Hauteur [m]	Vit. vent [m/s]	Lwa,ref [dB(A)]	Tons isolés		Bandes d'octave							
						63 [dB]	125 [dB]	250 [dB]	500 [dB]	1000 [dB]	2000 [dB]	4000 [dB]	8000 [dB]
De la bibliothèque	117,0	4,0	95,8	Non	Données génériques	77,4	84,4	87,8	90,4	90,2	87,3	82,5	73,0
De la bibliothèque	87,0	4,0	95,1	Non	Données génériques	76,7	83,7	87,1	89,7	89,5	86,6	81,8	72,3
De la bibliothèque	87,0	5,0	99,6	Non	Données génériques	81,2	88,2	91,6	94,2	94,0	91,1	86,3	76,8
De la bibliothèque	117,0	5,0	100,5	Non	Données génériques	82,1	89,1	92,5	95,1	94,9	92,0	87,2	77,7
De la bibliothèque	87,0	6,0	103,7	Non	Données génériques	85,3	92,3	95,7	98,3	98,1	95,2	90,4	80,9
De la bibliothèque	117,0	6,0	104,6	Non	Données génériques	86,2	93,2	96,6	99,2	99,0	96,1	91,3	81,8
De la bibliothèque	117,0	7,0	107,1	Non	Données génériques	88,7	95,7	99,1	101,7	101,5	98,6	93,8	84,3
De la bibliothèque	87,0	7,0	106,8	Non	Données génériques	88,4	95,4	98,8	101,4	101,2	98,3	93,5	84,0
De la bibliothèque	117,0	8,0	107,3	Non	Données génériques	88,9	95,9	99,3	101,9	101,7	98,8	94,0	84,5
De la bibliothèque	87,0	8,0	107,3	Non	Données génériques	88,9	95,9	99,3	101,9	101,7	98,8	94,0	84,5
De la bibliothèque	117,0	9,0	107,3	Non	Données génériques	88,9	95,9	99,3	101,9	101,7	98,8	94,0	84,5
De la bibliothèque	87,0	9,0	107,3	Non	Données génériques	88,9	95,9	99,3	101,9	101,7	98,8	94,0	84,5

Zone-bruit-réglementé: A PF1 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,4 dB(A) 36,4 dB(A) 38,7 dB(A) 39,6 dB(A) 40,5 dB(A) 41,4 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: B PF1 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
32,5 dB(A) 36,0 dB(A) 37,4 dB(A) 37,4 dB(A) 38,5 dB(A) 39,1 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: C PF1 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
32,7 dB(A) 36,5 dB(A) 37,3 dB(A) 37,4 dB(A) 38,4 dB(A) 39,1 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

DECIBEL - Hypothèses de calcul

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de Viapres

Zone-bruit-réglementé: D PF2 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
33,2 dB(A)	34,9 dB(A)	37,0 dB(A)	39,6 dB(A)	40,6 dB(A)	41,2 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: E PF2 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
33,1 dB(A)	34,8 dB(A)	36,8 dB(A)	39,5 dB(A)	40,6 dB(A)	41,1 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: F PF2 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
29,5 dB(A)	32,1 dB(A)	34,1 dB(A)	34,8 dB(A)	35,6 dB(A)	37,4 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: G PF2 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
29,3 dB(A)	31,7 dB(A)	34,0 dB(A)	35,2 dB(A)	35,3 dB(A)	37,4 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: H PF3 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
33,4 dB(A)	35,5 dB(A)	37,3 dB(A)	39,2 dB(A)	40,4 dB(A)	40,5 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

DECIBEL - Hypothèses de calcul

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de Viapres

Zone-bruit-réglementé: I PF3 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,2 dB(A) 34,9 dB(A) 36,7 dB(A) 38,6 dB(A) 40,0 dB(A) 40,0 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: J PF3 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
31,8 dB(A) 34,4 dB(A) 35,6 dB(A) 36,0 dB(A) 36,8 dB(A) 37,4 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: K PF3 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
31,4 dB(A) 33,7 dB(A) 35,6 dB(A) 36,0 dB(A) 36,4 dB(A) 37,4 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: L PF4 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
31,6 dB(A) 33,6 dB(A) 36,2 dB(A) 37,7 dB(A) 38,9 dB(A) 39,4 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: M PF4 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
31,5 dB(A) 33,5 dB(A) 36,1 dB(A) 37,7 dB(A) 38,9 dB(A) 39,4 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

DECIBEL - Hypothèses de calcul

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de Viapres

Zone-bruit-réglementé: N PF4 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
30,4 dB(A)	33,6 dB(A)	34,8 dB(A)	34,8 dB(A)	35,6 dB(A)	36,9 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: O PF4 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
30,3 dB(A)	33,5 dB(A)	35,4 dB(A)	34,9 dB(A)	35,6 dB(A)	37,4 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: P PF5 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
33,9 dB(A)	34,4 dB(A)	35,9 dB(A)	37,3 dB(A)	38,5 dB(A)	39,3 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: Q PF5 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
34,1 dB(A)	34,9 dB(A)	36,8 dB(A)	38,4 dB(A)	39,3 dB(A)	40,0 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: R PF5 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
30,1 dB(A)	31,7 dB(A)	33,9 dB(A)	34,3 dB(A)	34,4 dB(A)	34,8 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

DECIBEL - Hypothèses de calcul

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de Viapres

Zone-bruit-réglementé: S PF5 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
30,5 dB(A)	32,8 dB(A)	35,3 dB(A)	35,2 dB(A)	35,5 dB(A)	36,4 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: T PF6 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
32,7 dB(A)	33,4 dB(A)	36,4 dB(A)	38,7 dB(A)	40,7 dB(A)	40,7 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: U PF6 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
33,2 dB(A)	34,4 dB(A)	37,4 dB(A)	39,7 dB(A)	41,3 dB(A)	41,4 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: V PF6 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
30,3 dB(A)	32,1 dB(A)	32,9 dB(A)	34,6 dB(A)	35,5 dB(A)	37,3 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: W PF6 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s]	5,0 [m/s]	6,0 [m/s]	7,0 [m/s]	8,0 [m/s]	9,0 [m/s]
31,1 dB(A)	33,3 dB(A)	34,9 dB(A)	36,0 dB(A)	36,6 dB(A)	38,5 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

DECIBEL - Hypothèses de calcul

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de Viapres

Zone-bruit-réglementé: X PF7 diurne SO

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,4 dB(A) 35,5 dB(A) 37,3 dB(A) 39,2 dB(A) 40,4 dB(A) 40,5 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: Y PF7 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,2 dB(A) 34,9 dB(A) 36,7 dB(A) 38,6 dB(A) 40,0 dB(A) 40,0 dB(A)

Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: Z PF7 nocturne SO

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
31,8 dB(A) 34,4 dB(A) 35,7 dB(A) 36,1 dB(A) 36,8 dB(A) 37,5 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: AA PF7 nocturne NE

Option prédéfinie utilisée: Emergence globale nocturne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
31,4 dB(A) 33,7 dB(A) 35,7 dB(A) 36,1 dB(A) 36,5 dB(A) 37,5 dB(A)

Emergence max: 3,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: AB PF1 diurne NE

Option prédéfinie utilisée: Emergence globale diurne

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

Bruit résiduel:

4,0 [m/s] 5,0 [m/s] 6,0 [m/s] 7,0 [m/s] 8,0 [m/s] 9,0 [m/s]
33,6 dB(A) 36,8 dB(A) 39,2 dB(A) 40,1 dB(A) 41,0 dB(A) 41,9 dB(A)

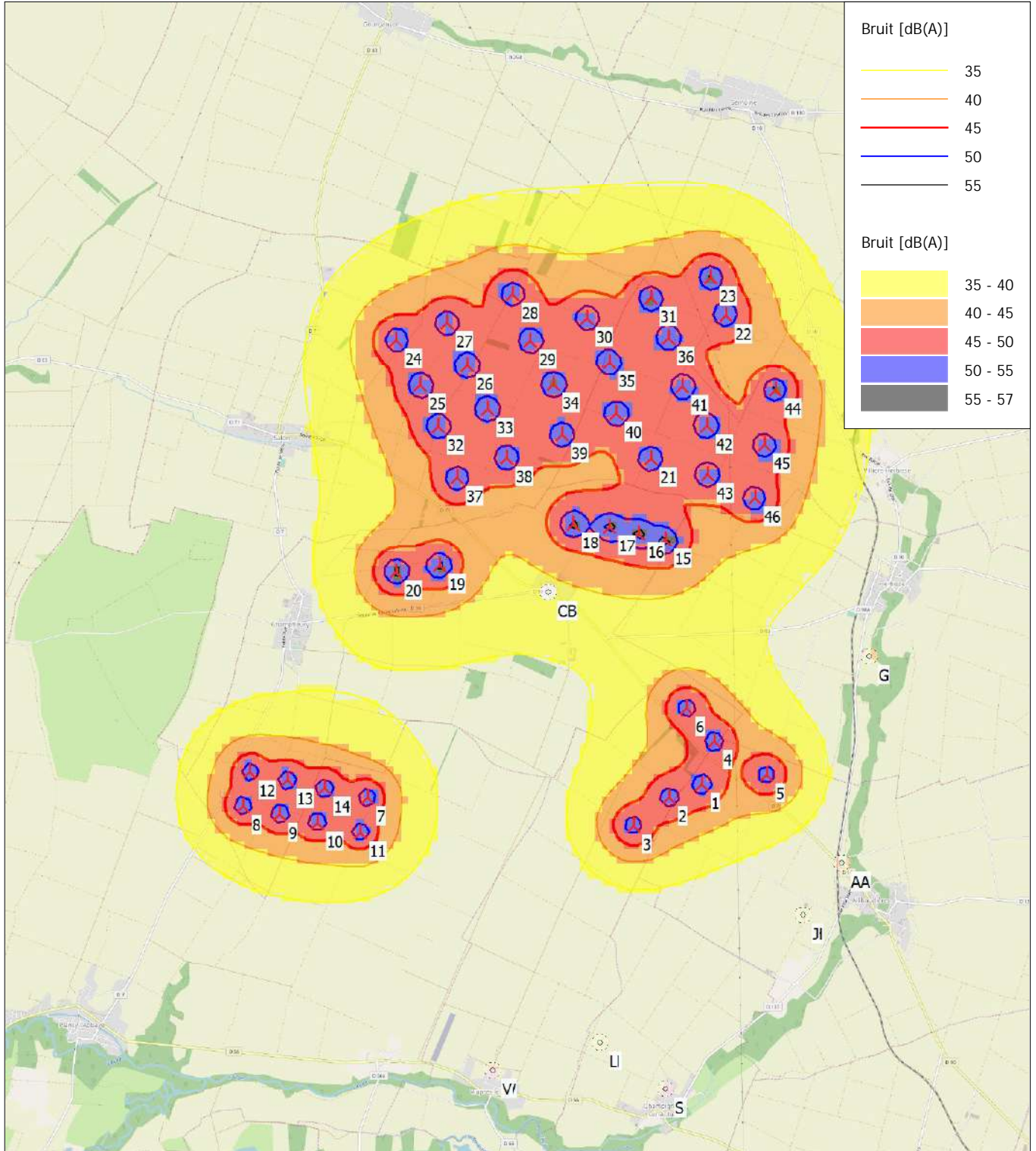
Emergence max: 5,0 dB(A)

Pas de contrainte si le niveau global reste <= à: 35,0 dB(A)

Pas de contrainte de distance

DECIBEL - Carte 8,0 m/s

Calcul: 5 - Calcul sonore "parc en service" et ICPE autorisée et en instruction et projet de Viapres



Carte: EMD OpenStreetMap , Echelle à l'impression 1:75.000, Centre de la carte French Lambert93-RGF93 (FR) Est: 776.967 Nord: 6.836.281
 Nouvelle-éolienne Zone-bruit-réglémenté
 Modèle utilisé pour les calculs de bruit: ISO 9613-2 France 2006. Vit. vent: 8,0 m/s
 Altitude à partir de l'objet Données-lignes actif

DECIBEL - Principaux résultats

Calcul: 7 - Périmètre

Modèle utilisé pour les calculs de bruit:

ISO 9613-2 Générale

Vit. vent (à 10m de hauteur):

Bruit à 95% Pnominale ou 6,0 m/s

Atténuation du sol:

Générale, dureté uniforme, Dureté sol: 0,7

Coefficient météorologique, CO:

0,0 dB

Type de contrainte utilisée pour le calcul:

1 : Le bruit dû aux éol. est comparé au seuil réglementaire (DK, DE, SE, NL e

Expression des niveaux de bruit utilisées dans les calculs:

Toutes les valeurs sont des niveaux moy. Lwa (distri. normale)

Prise en compte des tons isolés:

En augmentant la contrainte par la pénalité pour tons isolés

Bibliothèque d'éoliennes

Hauteur en l'absence de valeur dans l'objet

Zone-bruit-réglémenté:

1,5 m; Interdire de substituer la hauteur définie dans le modèle par celle de l

Marge liée à l'incertitude (ajoutée au résultat principal):

0,0 dB; Marge liée à l'incertitude du calcul en priorité

Modification de la contrainte réglementaire : plus restrictive si < 0,

moins restrictive si >0.:

0,0 dB(A)

Eoliennes

	X	Y	Z	Description	Type d'éolienne			Puiss. nominale [kW]	Diamètre rotor [m]	Hauteur [m]	Données de bruit		Vit. vent [m/s]	Lwa,ref [dB(A)]	Tons isolés
					Valide	Fabricant	Modèle				Etabli par	Nom			
			[m]												
1	728.541	2.401.426	111,7	EOL 1	Oui	ENERCON	E-160 EP5 E2-5.500	5.500	160,0	140,0	EMD	E-160 EP5 E2 - OM 0 s	6,0	106,8	Non
2	728.105	2.401.244	113,5	EOL 2	Oui	ENERCON	E-160 EP5 E2-5.500	5.500	160,0	140,0	EMD	E-160 EP5 E2 - OM 0 s	6,0	106,8	Non
3	727.643	2.400.872	117,0	EOL 3	Oui	ENERCON	E-160 EP5 E2-5.500	5.500	160,0	140,0	EMD	E-160 EP5 E2 - OM 0 s	6,0	106,8	Non
4	728.684	2.401.994	119,0	EOL 22	Oui	ENERCON	E-160 EP5 E2-5.500	5.500	160,0	140,0	EMD	E-160 EP5 E2 - OM 0 s	6,0	106,8	Non
5	729.383	2.401.571	109,4	EOL 23	Oui	ENERCON	E-160 EP5 E2-5.500	5.500	160,0	140,0	EMD	E-160 EP5 E2 - OM 0 s	6,0	106,8	Non
6	728.313	2.402.427	122,9	EOL 21	Oui	ENERCON	E-160 EP5 E2-5.500	5.500	160,0	140,0	EMD	E-160 EP5 E2 - OM 0 s	6,0	106,8	Non

Résultats des calculs

Niveau sonore

Zone-bruit-réglémenté

N°	Nom	X	Y	Z	Haut. point étudié [m]	Contraintes		Niveau sonore		Contrainte respectée ?
						Bruit [dB(A)]	Bruit des éol. [dB(A)]	Bruit des éol. [dB(A)]	Bruit des éol. [dB(A)]	
A	Point-bruit-réglémenté: Définie par l'utilisateur (61)	728.314	2.402.427	123,1	1,5	60,0	53,1	53,1	53,1	Oui
B	Point-bruit-réglémenté: Définie par l'utilisateur (62)	728.683	2.401.994	119,0	1,5	60,0	53,2	53,2	53,2	Oui
C	Point-bruit-réglémenté: Définie par l'utilisateur (63)	729.383	2.401.571	109,4	1,5	60,0	53,0	53,0	53,0	Oui
D	Point-bruit-réglémenté: Définie par l'utilisateur (64)	727.643	2.400.872	111,6	1,5	60,0	52,7	52,7	52,7	Oui
E	Point-bruit-réglémenté: Définie par l'utilisateur (65)	728.541	2.401.426	111,8	1,5	60,0	53,3	53,3	53,3	Oui
F	Point-bruit-réglémenté: Définie par l'utilisateur (66)	728.105	2.401.244	113,4	1,5	60,0	53,3	53,3	53,3	Oui
G	Périmètre de mesure	728.439	2.401.827	115,4	1,5	60,0	46,2	46,2	46,2	Oui

Distances (m)

Zone-bruit-réglémenté	Eoliennes					
	1	2	3	4	5	6
A	1026	1200	1692	569	1368	0
B	586	947	1529	0	817	569
C	854	1317	1874	817	0	1368
D	1054	593	1	1529	1873	1692
E	0	472	1055	586	853	1026
F	472	0	593	947	1317	1200
G	271	265	283	296	267	251



Echelle 1:40.000
▲ Nouvelle-éolienne ■ Zone-bruit-réglémenté

DECIBEL - Résultats détaillés

Calcul: 7 - PérimètreModèle utilisé pour les calculs de bruit: ISO 9613-2 Générale 6,0 m/s
Données du calcul

Calcul de L(DW) = LWA,ref + K + Dc - (Adiv + Aatm + Agr + Abar + Amisc) - Cmet
(calcul avec atténuation du sol => Dc = Omega)

LWA,ref:	Niveau source de bruit de l'éolienne
K:	Tons isolés
Dc:	Correction de directivité
Adiv:	Atténuation due à la divergence géométrique
Aatm:	Atténuation due à l'absorption atmosphérique
Agr:	Atténuation du sol
Abar:	Atténuation due à une barrière anti-bruit
Amisc:	Atténuation due à d'autres effets
Cmet:	Correction météorologique

Résultats des calculs

Zone-bruit-réglementé: A Point-bruit-réglementé: Définie par l'utilisateur (61)

Bruit à 95% Pnominale

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	1.026	1.033	30,10	106,8	0,00	71,29	-	-	0,00	0,00	-
2	1.200	1.207	28,13	106,8	0,00	72,63	-	-	0,00	0,00	-
3	1.692	1.697	23,70	106,8	0,00	75,59	-	-	0,00	0,00	-
4	569	584	36,97	106,8	0,00	66,33	-	-	0,00	0,00	-
5	1.368	1.374	26,47	106,8	0,00	73,76	-	-	0,00	0,00	-
6	0	138	52,95	106,8	0,00	53,82	-	-	0,00	0,00	-
Somme			53,11								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglementé: B Point-bruit-réglementé: Définie par l'utilisateur (62)

Bruit à 95% Pnominale

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	586	600	36,66	106,8	0,00	66,57	-	-	0,00	0,00	-
2	947	956	31,07	106,8	0,00	70,61	-	-	0,00	0,00	-
3	1.529	1.536	25,02	106,8	0,00	74,73	-	-	0,00	0,00	-
4	0	138	52,95	106,8	0,00	53,83	-	-	0,00	0,00	-
5	817	827	32,85	106,8	0,00	69,35	-	-	0,00	0,00	-
6	569	586	36,93	106,8	0,00	66,36	-	-	0,00	0,00	-
Somme			53,23								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglementé: C Point-bruit-réglementé: Définie par l'utilisateur (63)

Bruit à 95% Pnominale

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	854	865	32,30	106,8	0,00	69,74	-	-	0,00	0,00	-
2	1.317	1.325	26,93	106,8	0,00	73,45	-	-	0,00	0,00	-
3	1.874	1.879	22,35	106,8	0,00	76,48	-	-	0,00	0,00	-
4	817	830	32,81	106,8	0,00	69,38	-	-	0,00	0,00	-
5	0	139	52,94	106,8	0,00	53,83	-	-	0,00	0,00	-
6	1.368	1.377	26,44	106,8	0,00	73,78	-	-	0,00	0,00	-
Somme			53,04								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglementé: D Point-bruit-réglementé: Définie par l'utilisateur (64)

Bruit à 95% Pnominale

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	1.054	1.063	29,74	106,8	0,00	71,53	-	-	0,00	0,00	-

Suite à la page suivante...

DECIBEL - Résultats détaillés

Calcul: 7 - PérimètreModèle utilisé pour les calculs de bruit: ISO 9613-2 Générale 6,0 m/s

...suite de la page précédente

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
2	593	609	36,49	106,8	0,00	66,70	-	-	0,00	0,00	-
3	1	144	52,57	106,8	0,00	54,16	-	-	0,00	0,00	-
4	1.529	1.536	25,01	106,8	0,00	74,73	-	-	0,00	0,00	-
5	1.873	1.878	22,35	106,8	0,00	76,48	-	-	0,00	0,00	-
6	1.692	1.699	23,69	106,8	0,00	75,60	-	-	0,00	0,00	-
Somme			52,71								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglementé: E Point-bruit-réglementé: Définie par l'utilisateur (65)

Bruit à 95% Pnominale

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	0	138	52,94	106,8	0,00	53,83	-	-	0,00	0,00	-
2	472	492	38,93	106,8	0,00	64,84	-	-	0,00	0,00	-
3	1.055	1.064	29,73	106,8	0,00	71,54	-	-	0,00	0,00	-
4	586	604	36,60	106,8	0,00	66,61	-	-	0,00	0,00	-
5	853	864	32,31	106,8	0,00	69,73	-	-	0,00	0,00	-
6	1.026	1.037	30,06	106,8	0,00	71,31	-	-	0,00	0,00	-
Somme			53,28								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglementé: F Point-bruit-réglementé: Définie par l'utilisateur (66)

Bruit à 95% Pnominale

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	472	491	38,96	106,8	0,00	64,82	-	-	0,00	0,00	-
2	0	139	52,94	106,8	0,00	53,83	-	-	0,00	0,00	-
3	593	610	36,47	106,8	0,00	66,71	-	-	0,00	0,00	-
4	947	958	31,05	106,8	0,00	70,62	-	-	0,00	0,00	-
5	1.317	1.324	26,94	106,8	0,00	73,44	-	-	0,00	0,00	-
6	1.200	1.209	28,11	106,8	0,00	72,65	-	-	0,00	0,00	-
Somme			53,25								

- Données indéfinies car le calcul se fait avec les bandes d'octave

Zone-bruit-réglementé: G Périmètre de mesure

Bruit à 95% Pnominale

Eoliennes

N°	Distance [m]	Trajet du son [m]	Niveau [dB(A)]	Lwa,ref [dB(A)]	Dc [dB]	Adiv [dB]	Aatm [dB]	Agr [dB]	Abar [dB]	Amisc [dB]	A [dB]
1	414	434	40,33	106,8	0,00	63,75	-	-	0,00	0,00	-
2	671	684	35,12	106,8	0,00	67,70	-	-	0,00	0,00	-
3	1.242	1.250	27,69	106,8	0,00	72,94	-	-	0,00	0,00	-
4	296	327	43,41	106,8	0,00	61,28	-	-	0,00	0,00	-
5	977	985	30,69	106,8	0,00	70,87	-	-	0,00	0,00	-
6	612	628	36,13	106,8	0,00	66,96	-	-	0,00	0,00	-
Somme			46,21								

- Données indéfinies car le calcul se fait avec les bandes d'octave

DECIBEL - Hypothèses de calcul

Calcul: 7 - Périmètre

Modèle utilisé pour les calculs de bruit:

ISO 9613-2 Générale

Vit. vent (à 10m de hauteur):

Bruit à 95% Pnominale ou 6,0 m/s

Atténuation du sol:

Générale, dureté uniforme, Dureté sol: 0,7

Coefficient météorologique, CO:

0,0 dB

Type de contrainte utilisée pour le calcul:

1 : Le bruit dû aux éol. est comparé au seuil réglementaire (DK, DE, SE, NL etc.)

Expression des niveaux de bruit utilisées dans les calculs:

Toutes les valeurs sont des niveaux moy. Lwa (distri. normale)

Prise en compte des tons isolés:

En augmentant la contrainte par la pénalité pour tons isolés

Bibliothèque d'éoliennes

Hauteur en l'absence de valeur dans l'objet Zone-bruit-réglementé:

1,5 m; Interdire de substituer la hauteur définie dans le modèle par celle de l'objet Zone-bruit-réglementé

Marge liée à l'incertitude (ajoutée au résultat principal):

0,0 dB; Marge liée à l'incertitude du calcul en priorité

Modification de la contrainte réglementaire : plus restrictive si < 0, moins restrictive si > 0.:

0,0 dB(A)

Bandes d'octave requises

Absorption atmosphérique variable en fonction de la fréquence

63	125	250	500	1.000	2.000	4.000	8.000
[dB/km]	[dB/km]	[dB/km]	[dB/km]	[dB/km]	[dB/km]	[dB/km]	[dB/km]
0,10	0,40	1,00	1,90	3,70	9,70	32,80	117,00

Eoliennes: ENERCON E-160 EP5 E2 5500 160.0 !O!

Bruit: E-160 EP5 E2 - OM 0 s

Source Date source Etabli par Modifié(e) le

ENERCON GmbH 13.05.2020 EMD 28.05.2020 16:22

The sound power levels do not include uncertainties.

According to manufacturer specification document (D0921349-1/D0921364-1).

Enercon reserves the right to change the above specifications without prior notice.

Type de valeur	Hauteur [m]	Vit. vent [m/s]	Lwa,ref [dB(A)]	Tons isolés	Bandes d'octave							
					63 [dB]	125 [dB]	250 [dB]	500 [dB]	1000 [dB]	2000 [dB]	4000 [dB]	8000 [dB]
De la bibliothèque	140,0	6,0	106,8	Non	86,9	92,5	95,0	98,5	101,4	102,4	96,0	77,6

Zone-bruit-réglementé: A Point-bruit-réglementé: Définie par l'utilisateur (61)

Option prédéfinie utilisée:

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

sans contrainte: 60,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: B Point-bruit-réglementé: Définie par l'utilisateur (62)

Option prédéfinie utilisée:

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

sans contrainte: 60,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: C Point-bruit-réglementé: Définie par l'utilisateur (63)

Option prédéfinie utilisée:

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

sans contrainte: 60,0 dB(A)

Pas de contrainte de distance

DECIBEL - Hypothèses de calcul

Calcul: 7 - Périmètre

Zone-bruit-réglementé: D Point-bruit-réglementé: Définie par l'utilisateur (64)

Option prédéfinie utilisée:

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

sans contrainte: 60,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: E Point-bruit-réglementé: Définie par l'utilisateur (65)

Option prédéfinie utilisée:

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

sans contrainte: 60,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: F Point-bruit-réglementé: Définie par l'utilisateur (66)

Option prédéfinie utilisée:

Haut. point étudié: Utilise la valeur standard du modèle de calcul

Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

sans contrainte: 60,0 dB(A)

Pas de contrainte de distance

Zone-bruit-réglementé: G Périmètre de mesure

Option prédéfinie utilisée:

Haut. point étudié: Utilise la valeur standard du modèle de calcul

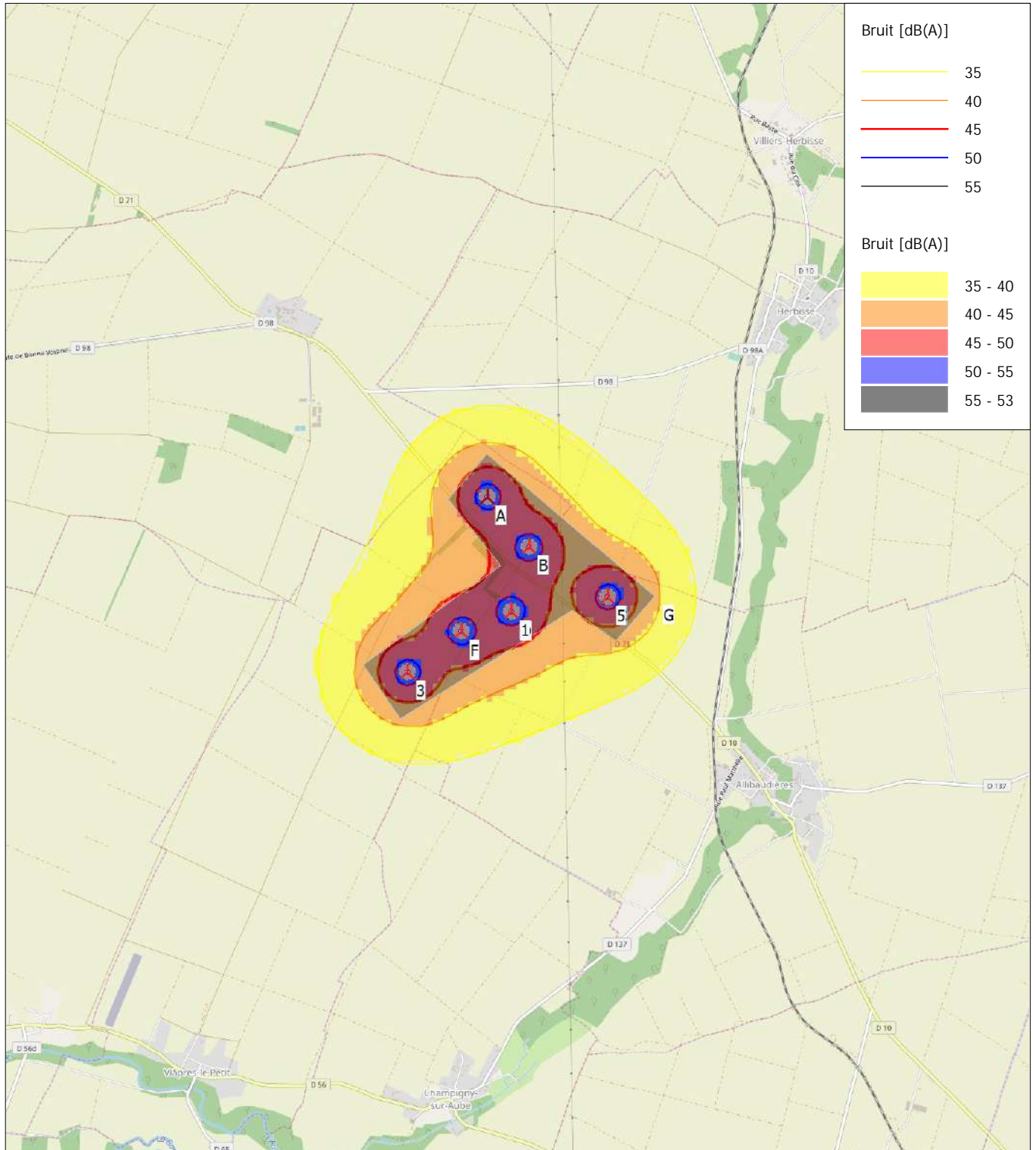
Marge liée à l'incertitude (ajoutée au résultat principal): Utiliser les valeurs par défaut du modèle de calcul

sans contrainte: 60,0 dB(A)

Pas de contrainte de distance

DECIBEL - Carte Bruit à 95% Pnominale ou 6,0 m/s

Calcul: 7 - Périmètre



0 500 1000 1500 2000 m

Carte: EMD OpenStreetMap, Echelle à l'impression 1:50.000, Centre de la carte French Lambert zone II étendue-NTF (FR) Est: 728.513 Nord: 2.401.649

🔴 Nouvelle-éolienne 🟠 Zone-bruit-réglémenté

Modèle utilisé pour les calculs de bruit: ISO 9613-2 Générale. Vit. vent: Bruit à 95% Pnominale ou 6,0 m/s

Altitude à partir de l'objet Données-lignes actif