Project:
1 ALTERNATYVA - triukšmo rezultatai

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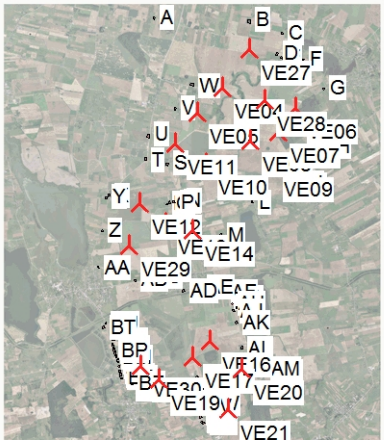
Calculated:
2021.05.19 10:07/2.9.269

DECIBEL - Main Result

Calculation: DECIBEL - Alytus PAV ataskaita

Noise calculation model:
ISO 9613-2 General
Wind speed:
10,0 m/s
Ground attenuation:
General, Ground factor: 0,6
Meteorological coefficient, C0:
2,0 dB
Type of demand in calculation:
1: WTG noise is compared to demand (DK, DE, SE, NL etc.)
Noise values in calculation:
All noise values are mean values (Lwa) (Normal)
Pure tones:
Pure tone penalty are added to demand: 0,0 dB(A)
Height above ground level, when no value in NSA object:
1,5 m Don't allow override of model height with height from NSA object
Deviation from "official" noise demands. Negative is more restrictive, positive is less restrictive.:
0,0 dB(A)



Scale 1:200.000

New WTG Noise sensitive area

WTGs

	Lithuanian TM LKS94-LKS94 (LT)				WTG type						Noise data						
	East	North	Z [m]	Row data/Description	Valid	Manufact.	Type-generator	Power, rated [kW]	Rotor diameter [m]	Hub height [m]	Creator	Name	Wind speed [m/s]	Status	LwA,ref [dB(A)]	Pure tones	
VE04	480.816	6.032.785	100,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE05	480.133	6.032.129	99,5	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE06	482.744	6.032.242	100,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE07	482.274	6.031.600	100,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE08	481.553	6.031.378	100,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE09	482.107	6.030.709	100,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE10	480.377	6.030.767	98,5	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE11	479.562	6.031.288	97,6	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE12	478.590	6.029.722	95,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE13	479.300	6.029.191	95,4	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE14	480.006	6.029.009	96,7	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE16	480.465	6.026.057	95,9	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE17	479.993	6.025.628	95,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE19	479.100	6.025.052	96,3	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE20	481.305	6.025.324	97,1	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE21	480.950	6.024.257	95,8	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE27	481.519	6.033.795	100,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE28	481.933	6.032.454	100,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE29	478.327	6.028.586	95,4	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE30	478.634	6.025.406	98,3	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g

g) Data calculated from data for other wind speed (uncertain)

Calculation Results

Sound Level

Noise sensitive area		Lithuanian TM LKS94-LKS94 (LT)				Demands		Sound Level		Demands fulfilled ?		
No.	Name	East	North	Z [m]	Imission height [m]	Noise [dB(A)]	Distance [m]	From WTGs [dB(A)]	Distance to noise demand [m]	Noise	Distance	All
A	Noise sensitive area: German TA Lärm - Unzoned countryside areas (82)	479.001	6.034.597	96,1	1,5	45,0	40	25,1	2.335	Yes	Yes	Yes
B	Noise sensitive area: German TA Lärm - Unzoned countryside areas (83)	481.546	6.034.502	100,0	1,5	45,0	40	35,2	488	Yes	Yes	Yes
C	Noise sensitive area: German TA Lärm - Unzoned countryside areas (84)	482.353	6.034.217	100,0	1,5	45,0	40	33,0	714	Yes	Yes	Yes
D	Noise sensitive area: German TA Lärm - Unzoned countryside areas (85)	482.221	6.033.657	100,0	1,5	45,0	40	36,3	493	Yes	Yes	Yes
E	Noise sensitive area: German TA Lärm - Unzoned countryside areas (86)	482.345	6.033.568	100,0	1,5	45,0	40	35,4	634	Yes	Yes	Yes
F	Noise sensitive area: German TA Lärm - Unzoned countryside areas (87)	482.923	6.033.500	100,0	1,5	45,0	40	32,7	1.037	Yes	Yes	Yes
G	Noise sensitive area: German TA Lärm - Unzoned countryside areas (88)	483.483	6.032.731	100,0	1,5	45,0	40	34,0	657	Yes	Yes	Yes
H	Noise sensitive area: German TA Lärm - Unzoned countryside areas (89)	483.605	6.031.259	100,0	1,5	45,0	40	32,4	1.072	Yes	Yes	Yes
I	Noise sensitive area: German TA Lärm - Unzoned countryside areas (90)	483.501	6.031.188	100,0	1,5	45,0	40	32,9	1.047	Yes	Yes	Yes
Y	Noise sensitive area: German TA Lärm - Unzoned countryside areas (106)	477.726	6.029.835	96,2	1,5	45,0	40	34,2	646	Yes	Yes	Yes
J	Noise sensitive area: German TA Lärm - Unzoned countryside areas (91)	482.960	6.030.289	100,0	1,5	45,0	40	33,7	723	Yes	Yes	Yes
K	Noise sensitive area: German TA Lärm - Unzoned countryside areas (92)	482.999	6.030.210	100,0	1,5	45,0	40	33,0	793	Yes	Yes	Yes
L	Noise sensitive area: German TA Lärm - Unzoned countryside areas (93)	481.605	6.029.791	100,0	1,5	45,0	40	33,9	817	Yes	Yes	Yes
M	Noise sensitive area: German TA Lärm - Unzoned countryside areas (94)	480.733	6.028.911	98,1	1,5	45,0	40	35,7	508	Yes	Yes	Yes
N	Noise sensitive area: German TA Lärm - Unzoned countryside areas (95)	479.674	6.029.776	96,5	1,5	45,0	40	38,5	452	Yes	Yes	Yes
O	Noise sensitive area: German TA Lärm - Unzoned countryside areas (96)	479.583	6.029.743	96,3	1,5	45,0	40	39,0	378	Yes	Yes	Yes
P	Noise sensitive area: German TA Lärm - Unzoned countryside areas (97)	479.478	6.029.738	96,1	1,5	45,0	40	39,5	334	Yes	Yes	Yes
Q	Noise sensitive area: German TA Lärm - Unzoned countryside areas (98)	479.379	6.029.723	95,9	1,5	45,0	40	40,0	297	Yes	Yes	Yes
R	Noise sensitive area: German TA Lärm - Unzoned countryside areas (99)	479.300	6.029.687	95,7	1,5	45,0	40	40,6	255	Yes	Yes	Yes
S	Noise sensitive area: German TA Lärm - Unzoned countryside areas (100)	479.371	6.030.783	96,7	1,5	45,0	40	39,1	311	Yes	Yes	Yes
T	Noise sensitive area: German TA Lärm - Unzoned countryside areas (101)	478.789	6.030.939	95,0	1,5	45,0	40	35,4	623	Yes	Yes	Yes

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DECIBEL - Main Result

Calculation: DECIBEL - Alytus PAV ataskaita

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Noise sensitive area		Lithuanian TM LKS94-LKS94 (LT)				Demands		Sound Level		Demands fulfilled ?		
No.	Name	East	North	Z	Imission height	Noise	Distance	From WTGs	Distance to noise demand	Noise	Distance	All
				[m]	[m]	[dB(A)]	[m]	[dB(A)]	[m]			
U	Noise sensitive area: German TA Lärm - Unzoned countryside areas (102)	478.850	6.031.458	95,0	1,5	45,0	40	35,8	506	Yes	Yes	Yes
V	Noise sensitive area: German TA Lärm - Unzoned countryside areas (103)	479.577	6.032.230	98,2	1,5	45,0	40	38,6	335	Yes	Yes	Yes
W	Noise sensitive area: German TA Lärm - Unzoned countryside areas (104)	480.028	6.032.834	99,9	1,5	45,0	40	37,7	480	Yes	Yes	Yes
X	Noise sensitive area: German TA Lärm - Unzoned countryside areas (105)	477.800	6.029.916	95,9	1,5	45,0	40	34,7	589	Yes	Yes	Yes
Z	Noise sensitive area: German TA Lärm - Unzoned countryside areas (107)	477.632	6.028.975	97,0	1,5	45,0	40	35,0	574	Yes	Yes	Yes
AA	Noise sensitive area: German TA Lärm - Unzoned countryside areas (108)	477.512	6.028.057	97,9	1,5	45,0	40	32,4	750	Yes	Yes	Yes
AB	Noise sensitive area: German TA Lärm - Unzoned countryside areas (109)	478.492	6.027.701	95,6	1,5	45,0	40	33,8	678	Yes	Yes	Yes
AC	Noise sensitive area: German TA Lärm - Unzoned countryside areas (110)	478.797	6.027.764	95,0	1,5	45,0	40	33,9	724	Yes	Yes	Yes
AD	Noise sensitive area: German TA Lärm - Unzoned countryside areas (111)	479.781	6.027.390	95,2	1,5	45,0	40	32,2	1.266	Yes	Yes	Yes
AE	Noise sensitive area: German TA Lärm - Unzoned countryside areas (112)	480.196	6.027.479	96,2	1,5	45,0	40	32,0	1.217	Yes	Yes	Yes
AF	Noise sensitive area: German TA Lärm - Unzoned countryside areas (114)	480.873	6.027.301	97,4	1,5	45,0	40	31,5	1.080	Yes	Yes	Yes
AG	Noise sensitive area: German TA Lärm - Unzoned countryside areas (115)	480.927	6.027.189	97,5	1,5	45,0	40	31,8	993	Yes	Yes	Yes
AH	Noise sensitive area: German TA Lärm - Unzoned countryside areas (116)	481.054	6.027.039	97,6	1,5	45,0	40	32,2	916	Yes	Yes	Yes
AI	Noise sensitive area: German TA Lärm - Unzoned countryside areas (117)	481.169	6.026.937	97,8	1,5	45,0	40	32,4	898	Yes	Yes	Yes
AY	Noise sensitive area: German TA Lärm - Unzoned countryside areas (135)	480.270	6.024.520	95,0	1,5	45,0	40	36,9	507	Yes	Yes	Yes
AJ	Noise sensitive area: German TA Lärm - Unzoned countryside areas (118)	481.082	6.026.853	97,6	1,5	45,0	40	33,2	778	Yes	Yes	Yes
AK	Noise sensitive area: German TA Lärm - Unzoned countryside areas (119)	481.156	6.026.527	97,5	1,5	45,0	40	35,0	606	Yes	Yes	Yes
AL	Noise sensitive area: German TA Lärm - Unzoned countryside areas (120)	481.293	6.025.866	97,4	1,5	45,0	40	39,0	316	Yes	Yes	Yes
AM	Noise sensitive area: German TA Lärm - Unzoned countryside areas (121)	481.884	6.025.375	99,2	1,5	45,0	40	37,3	358	Yes	Yes	Yes
AN	Noise sensitive area: German TA Lärm - Unzoned countryside areas (122)	482.034	6.025.238	99,8	1,5	45,0	40	35,2	511	Yes	Yes	Yes
AO	Noise sensitive area: German TA Lärm - Unzoned countryside areas (123)	481.614	6.024.684	97,4	1,5	45,0	40	37,2	486	Yes	Yes	Yes
AP	Noise sensitive area: German TA Lärm - Unzoned countryside areas (124)	480.314	6.023.926	95,0	1,5	45,0	40	35,6	497	Yes	Yes	Yes
AR	Noise sensitive area: German TA Lärm - Unzoned countryside areas (125)	480.255	6.023.949	95,0	1,5	45,0	40	35,2	540	Yes	Yes	Yes
AS	Noise sensitive area: German TA Lärm - Unzoned countryside areas (141)	480.236	6.024.111	95,0	1,5	45,0	40	35,8	508	Yes	Yes	Yes
AT	Noise sensitive area: German TA Lärm - Unzoned countryside areas (140)	480.234	6.024.202	95,0	1,5	45,0	40	36,2	497	Yes	Yes	Yes
AU	Noise sensitive area: German TA Lärm - Unzoned countryside areas (139)	480.236	6.024.253	95,0	1,5	45,0	40	36,3	493	Yes	Yes	Yes
AV	Noise sensitive area: German TA Lärm - Unzoned countryside areas (138)	480.236	6.024.323	95,0	1,5	45,0	40	36,5	495	Yes	Yes	Yes
AW	Noise sensitive area: German TA Lärm - Unzoned countryside areas (137)	480.236	6.024.363	95,0	1,5	45,0	40	36,5	500	Yes	Yes	Yes
AX	Noise sensitive area: German TA Lärm - Unzoned countryside areas (136)	480.238	6.024.495	95,0	1,5	45,0	40	36,7	528	Yes	Yes	Yes
AZ	Noise sensitive area: German TA Lärm - Unzoned countryside areas (134)	480.209	6.024.628	95,0	1,5	45,0	40	36,8	607	Yes	Yes	Yes
BA	Noise sensitive area: German TA Lärm - Unzoned countryside areas (142)	480.326	6.024.841	95,0	1,5	45,0	40	37,6	616	Yes	Yes	Yes
BB	Noise sensitive area: German TA Lärm - Unzoned countryside areas (143)	480.203	6.024.863	95,0	1,5	45,0	40	37,6	555	Yes	Yes	Yes
BC	Noise sensitive area: German TA Lärm - Unzoned countryside areas (144)	480.160	6.025.108	95,0	1,5	45,0	40	39,5	308	Yes	Yes	Yes
BD	Noise sensitive area: German TA Lärm - Unzoned countryside areas (145)	480.142	6.025.143	95,0	1,5	45,0	40	40,0	269	Yes	Yes	Yes
BE	Noise sensitive area: German TA Lärm - Unzoned countryside areas (146)	478.365	6.024.841	99,7	1,5	45,0	40	38,0	385	Yes	Yes	Yes
BF	Noise sensitive area: German TA Lärm - Unzoned countryside areas (147)	478.420	6.024.947	99,5	1,5	45,0	40	39,7	266	Yes	Yes	Yes
BG	Noise sensitive area: German TA Lärm - Unzoned countryside areas (148)	478.128	6.025.095	100,0	1,5	45,0	40	37,6	363	Yes	Yes	Yes
BH	Noise sensitive area: German TA Lärm - Unzoned countryside areas (149)	478.107	6.025.218	100,0	1,5	45,0	40	38,0	330	Yes	Yes	Yes
BI	Noise sensitive area: German TA Lärm - Unzoned countryside areas (150)	478.089	6.025.279	100,0	1,5	45,0	40	37,9	330	Yes	Yes	Yes
BJ	Noise sensitive area: German TA Lärm - Unzoned countryside areas (151)	478.064	6.025.381	100,0	1,5	45,0	40	37,7	342	Yes	Yes	Yes
BK	Noise sensitive area: German TA Lärm - Unzoned countryside areas (152)	478.047	6.025.511	100,0	1,5	45,0	40	37,2	368	Yes	Yes	Yes
BL	Noise sensitive area: German TA Lärm - Unzoned countryside areas (153)	478.041	6.025.576	100,0	1,5	45,0	40	36,9	390	Yes	Yes	Yes
BM	Noise sensitive area: German TA Lärm - Unzoned countryside areas (154)	477.990	6.025.638	100,0	1,5	45,0	40	35,9	457	Yes	Yes	Yes
BN	Noise sensitive area: German TA Lärm - Unzoned countryside areas (155)	477.969	6.025.716	100,0	1,5	45,0	40	35,3	507	Yes	Yes	Yes
BP	Noise sensitive area: German TA Lärm - Unzoned countryside areas (156)	477.952	6.025.803	100,0	1,5	45,0	40	34,6	562	Yes	Yes	Yes
BQ	Noise sensitive area: German TA Lärm - Unzoned countryside areas (157)	477.933	6.025.875	100,0	1,5	45,0	40	34,0	616	Yes	Yes	Yes
BR	Noise sensitive area: German TA Lärm - Unzoned countryside areas (158)	477.907	6.025.954	100,0	1,5	45,0	40	33,4	683	Yes	Yes	Yes
BS	Noise sensitive area: German TA Lärm - Unzoned countryside areas (159)	477.931	6.026.102	100,0	1,5	45,0	40	32,7	762	Yes	Yes	Yes
BT	Noise sensitive area: German TA Lärm - Unzoned countryside areas (160)	477.674	6.026.428	100,0	1,5	45,0	40	29,9	1.175	Yes	Yes	Yes
BU	Noise sensitive area: German TA Lärm - Unzoned countryside areas (161)	477.714	6.026.528	100,0	1,5	45,0	40	29,8	1.223	Yes	Yes	Yes

Distances (m)

	WTG																			
NSA	VE04	VE05	VE06	VE07	VE08	VE09	VE10	VE11	VE12	VE13	VE14	VE16	VE17	VE19	VE20	VE21	VE27	VE28	VE29	VE30
A	2565	2716	4423	4439	4109	4977	4070	3357	4893	5415	5679	8666	9025	9547	9557	10524	2643	3633	6049	9200
B	1848	2734	2558	2992	3124	3835	3903	3748	5592	5749	5696	8515	9008	9755	9183	10264	708	2084	6710	9540
C	2101	3048	1982	2601	2948	3502	3976	4046	5863	5881	5713	8372	8906	9727	8943	10049	935	1809	6923	9565
D	1654	2588	1483	2048	2376	2943	3429	3562	5355	5337	5150	7802	8334	9155	8381	9484	715	1238	6395	8999
E	1719	2640	1357	1957	2330	2859	3424	3599	5377	5333	5125	7742	8283	9115	8303	9410	855	1188	6402	8968
F	2225	3109	1270	2008	2526	2908	3735	4024	5749	5630	5356	7839	8401	9274	8336	9452	1429	1440	6729	9161
G	2655	3398	886	1656	2357	2446	3675	4179	5745	5481	5094	7326	7916	8844	7722	8846	2206	1569	6617	8786
H	3180	3580	1307	1374	2056	1596	3266	4044	5246	4777	4245	6053	6668	7651	6331	7454	3284	2055	5917	7665
I	3124	3497	1298	1294	1957	1474	3152	3940	5125	4652	4119	5941	6555	7535	6231	7354	3275	2015	5792	7546
Y	4229	3282	5539	4857	4104	4456	2790	2303	872	1701	2426	4667	4780	4977	5759	6444	5439	4923	1386	4522
J	3291	3374	1946	1480	1780	951	2628	3543	4408	3822	3220	4873	5488	6473	5181	6306	3787	2395	4937	6498
K	3376	3449	2034	1568	1859	1022	2681	3602	4436	3835	3218	4832	5448	6436	5132	6257	3876	2484	4941	6465
L	3083	2736	2703	1929	1585	1046	1530	2493	2969	2327	1716	3836	4395	5289	4417	5510	4002	2684	3433	5225
M	3859	3267	3855	3064	2571	2223	1884	2650	2291	1460	733	2836	3338	4168	3597	4626	4925	3712	2428	4067
N	3152	2334	3876	3116	2406	2546	1148	1461	1069	695	821	3798	4161	4760	4729	5660	4356	3438	1798	4493
O	3201	2369	3957	3199	2486	2644	1216	1472	986	620	831	3790	4136	4717	4735	5654	4410	3509	1708	4440

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Project:
1 ALTERNATYVA - triukšmo rezultatai

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DECIBEL - Main Result

Calculation: DECIBEL - Alytus PAV ataskaita

...continued from previous page

	WTG																			
NSA	VE04	VE05	VE06	VE07	VE08	VE09	VE10	VE11	VE12	VE13	VE14	VE16	VE17	VE19	VE20	VE21	VE27	VE28	VE29	VE30
P	3255	2411	4037	3282	2566	2731	1287	1494	883	576	870	3804	4143	4702	4762	5669	4467	3582	1629	4414
Q	3325	2462	4159	3409	2687	2870	1394	1516	779	538	934	3820	4141	4680	4795	5685	4543	3689	1549	4381
R	3392	2526	4226	3474	2754	2928	1462	1575	711	496	949	3809	4119	4640	4791	5673	4611	3757	1470	4334
S	2469	1546	3675	3016	2262	2737	1006	539	1226	1520	1824	4786	5123	5664	5731	6650	3700	3059	2350	5352
T	2742	1796	4165	3548	2799	3327	1598	849	1148	1758	2228	5100	5380	5820	6094	6961	3952	3491	2312	5456
U	2309	1395	3944	3414	2699	3342	1676	732	1756	2312	2708	5638	5942	6412	6608	7502	3475	3201	2920	6057
V	1339	562	3159	2768	2149	2943	1635	895	2638	3003	3205	6193	6570	7147	7078	8048	2472	2356	3798	6841
W	790	713	2780	2563	2109	2974	2097	1606	3407	3713	3826	6792	7207	7839	7619	8628	1735	1943	4559	7557
X	4120	3173	5437	4758	4005	4367	2694	2195	814	1667	2386	4691	4817	5033	5778	6478	5329	4817	1431	4582
Z	4937	3996	6048	5315	4580	4787	3258	2984	1192	1678	2375	4068	4097	4190	5180	5769	6163	5509	797	3708
AA	5769	4843	6701	5936	5231	5306	3944	3827	1984	2117	2670	3530	3432	3354	4638	5083	7000	6236	972	2834
AB	5591	4723	6222	5433	4785	4704	3600	3744	2024	1696	2001	2527	2514	2672	3642	4186	6806	5869	900	2255
AC	5386	4544	5925	5132	4504	4380	3361	3590	1969	1490	1688	2303	2372	2670	3415	4038	6588	5604	947	2307
AD	5448	4705	5647	4854	4322	4016	3383	3856	2558	1812	1587	1496	1766	2408	2563	3344	6592	5460	1812	2255
AE	5281	4593	5335	4549	4063	3686	3233	3810	2722	1894	1489	1447	1863	2664	2414	3310	6390	5204	2142	2596
AF	5422	4825	5217	4455	4068	3558	3442	4137	3274	2404	1856	1309	1891	2864	2017	3044	6462	5195	2811	2934
AG	5530	4939	5296	4539	4164	3639	3556	4256	3390	2522	1977	1223	1819	2812	1903	2932	6563	5288	2909	2905
AH	5704	5126	5426	4676	4321	3773	3743	4459	3608	2740	2190	1145	1765	2787	1733	2784	6725	5440	3108	2920
AI	5813	5250	5482	4741	4408	3835	3867	4594	3756	2887	2333	1127	1760	2799	1619	2689	6819	5520	3254	2962
AY	8227	7552	8061	7309	6924	6407	6190	6744	5403	4708	4437	1494	1078	1214	1296	729	9305	8055	4440	1788
AJ	5893	5314	5589	4845	4502	3940	3930	4641	3756	2895	2362	1007	1639	2679	1545	2600	6910	5617	3218	2844
AK	6204	5634	5860	5124	4799	4217	4251	4960	4041	3189	2675	836	1470	2531	1213	2280	7210	5909	3451	2760
AL	6871	6310	6465	5744	5449	4838	4926	5635	4657	3823	3340	827	1321	2340	542	1646	7864	6548	3978	2697
AM	7480	6976	6901	6220	6001	5322	5598	6353	5455	4609	4091	1574	1908	2803	581	1419	8416	7065	4792	3250
AN	7646	7150	7038	6367	6160	5472	5773	6537	5655	4807	4283	1770	2078	2940	734	1428	8574	7218	4996	3405
AO	8139	7593	7630	6937	6689	6036	6209	6917	5877	5068	4615	1791	1876	2541	711	765	9107	7769	5103	3067
AP	8875	8206	8665	7922	7556	7017	6842	7401	6048	5362	5093	2137	1732	1628	1714	716	9944	8682	5067	2209
AR	8855	8182	8660	7914	7543	7010	6820	7373	6009	5329	5067	2119	1700	1583	1730	760	9928	8670	5023	2164
AS	8695	8020	8510	7763	7387	6859	6658	7210	5848	5166	4904	1960	1536	1445	1617	726	9770	8515	4859	2029
AT	8604	7929	8424	7675	7297	6772	6567	7118	5752	5072	4813	1869	1443	1390	1551	718	9680	8426	4769	1975
AU	8553	7878	8375	7626	7247	6723	6517	7065	5703	5021	4761	1819	1391	1363	1513	711	9629	8376	4723	1948
AV	8483	7808	8308	7558	7178	6656	6447	6999	5641	4956	4692	1749	1326	1332	1465	715	9560	8308	4664	1916
AW	8404	7727	8235	7484	7101	6581	6366	6917	5565	4877	4611	1671	1246	1281	1419	722	9482	8231	4592	1864
AX	8312	7636	8144	7392	7009	6490	6275	6827	5476	4787	4521	1579	1156	1244	1351	729	9390	8139	4507	1822
AZ	8181	7502	8026	7273	6884	6371	6142	6692	5346	4653	4386	1452	1023	1143	1299	821	9262	8015	4377	1716
BA	7961	7292	7788	7036	6653	6134	5928	6494	5182	4470	4181	1225	855	1196	1092	826	9035	7783	4241	1741
BB	7947	7267	7805	7049	6654	6149	5907	6458	5120	4422	4151	1222	793	1056	1194	929	9029	7786	4160	1604
BC	7707	7023	7589	6829	6424	5931	5664	6210	4871	4174	3905	997	546	1003	1165	1126	8795	7559	3919	1501
BD	7673	6987	7562	6801	6393	5903	5630	6173	4835	4135	3869	969	507	989	1170	1166	8762	7528	3883	1479
BE	8315	7501	8601	7809	7274	6961	6259	6558	4887	4450	4480	2427	1808	765	2980	2641	9495	8409	3746	626
BF	8198	7385	8482	7690	7155	6842	6141	6444	4779	4335	4362	2327	1714	684	2905	2608	9377	8290	3641	507
BG	8148	7315	8510	7715	7157	6882	6103	6358	4651	4261	4342	2528	1940	968	3184	2932	9339	8286	3497	594
BH	8039	7203	8418	7623	7060	6795	5996	6243	4531	4149	4241	2504	1931	989	3196	2970	9232	8187	3376	560
BI	7968	7130	8361	7566	6998	6741	5928	6168	4451	4076	4177	2497	1936	1026	3212	3026	9164	8124	3295	559
BJ	7870	7028	8283	7487	6913	6667	5833	6062	4339	3975	4089	2495	1945	1087	3242	3098	9068	8037	3181	570
BK	7757	6912	8185	7390	6811	6574	5723	5945	4218	3860	3984	2473	1948	1149	3264	3162	8957	7932	3059	596
BL	7704	6857	8141	7345	6764	6532	5672	5888	4158	3806	3936	2471	1953	1182	3274	3195	8904	7884	2999	617
BM	7635	6783	8098	7302	6713	6495	5609	5811	4070	3735	3884	2511	2003	1255	3330	3267	8839	7830	2909	685
BN	7572	6717	8048	7252	6659	6449	5549	5743	3998	3671	3829	2520	2027	1312	3360	3320	8777	7774	2835	734
BP	7504	6647	7995	7200	6602	6401	5485	5670	3920	3603	3772	2526	2049	1372	3388	3374	8711	7715	2757	789
BQ	7439	6579	7943	7147	6546	6353	5422	5600	3846	3537	3717	2539	2075	1429	3418	3424	8647	7657	2682	844
BR	7375	6512	7896	7101	6495	6311	5363	5531	3771	3474	3666	2560	2111	1495	3456	3484	8585	7604	2607	910
BS	7250	6386	7782	6987	6378	6201	5241	5404	3644	3350	3550	2535	2117	1572	3464	3539	8461	7484	2479	990
BT	7063	6179	7693	6901	6266	6145	5086	5183	3385	3179	3458	2816	2454	1982	3796	3931	8282	7355	2221	1403
BU	6950	6065	7589	6797	6159	6044	4975	5069	3272	3068	3354	2791	2450	2025	3788	3954	8170	7246	2107	1451

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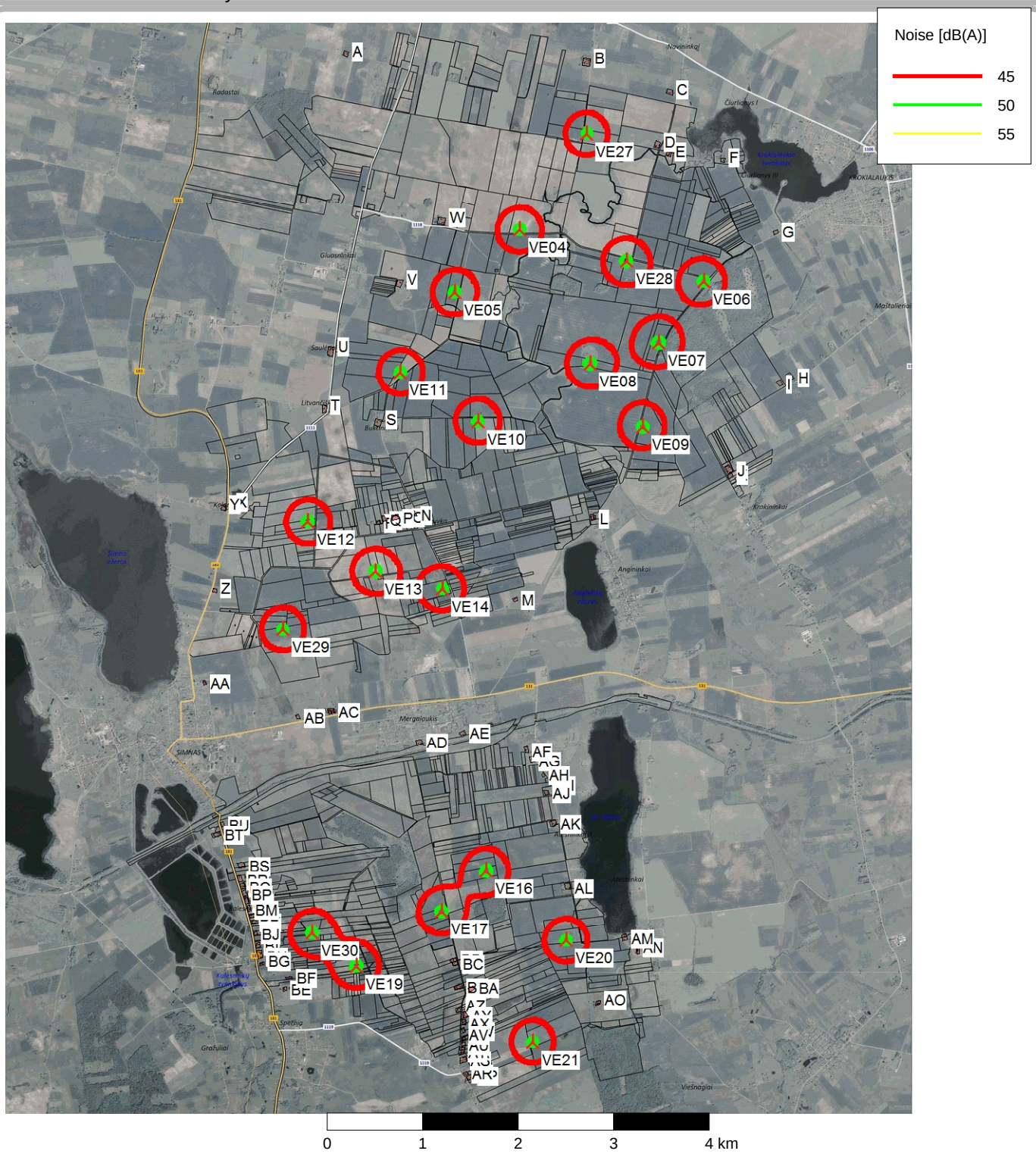
DECIBEL - Map 10,0 m/s

Calculation: DECIBEL - Alytus PAV ataskaita



Map: Alytus PAV , Print scale 1:60.000, Map center Lithuanian TM LKS94-LKS94 (LT) East: 480.536 North: 6.029.026

New WTG Noise sensitive area

Noise calculation model: ISO 9613-2 General. Wind speed: 10,0 m/s

Height above sea level from active line object

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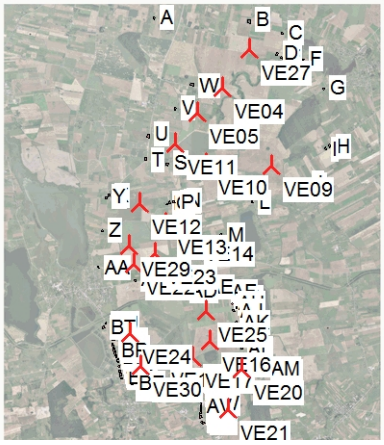
DECIBEL - Main Result

Calculation: DECIBEL - Alytus PAV ataskaita

Noise calculation model:
ISO 9613-2 General
Wind speed:
10,0 m/s
Ground attenuation:
General, Ground factor: 0,6
Meteorological coefficient, C0:
2,0 dB
Type of demand in calculation:
1: WTG noise is compared to demand (DK, DE, SE, NL etc.)
Noise values in calculation:
All noise values are mean values (Lwa) (Normal)
Pure tones:
Pure tone penalty are added to demand: 0,0 dB(A)
Height above ground level, when no value in NSA object:
1,5 m Don't allow override of model height with height from NSA object
Deviation from "official" noise demands. Negative is more restrictive, positive is less restrictive.:
0,0 dB(A)



Scale 1:200.000

New WTG Noise sensitive area

WTGs

	Lithuanian TM LKS94-LKS94 (LT)				WTG type						Noise data						
	East	North	Z [m]	Row data/Description	Valid	Manufact.	Type-generator	Power, rated [kW]	Rotor diameter [m]	Hub height [m]	Creator	Name	Wind speed [m/s]	Status	LwA,ref [dB(A)]	Pure tones	
VE04	480.816	6.032.785	100,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE05	480.133	6.032.129	99,5	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE09	482.107	6.030.709	100,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE10	480.377	6.030.767	98,5	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE11	479.562	6.031.288	97,6	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE12	478.590	6.029.722	95,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE13	479.300	6.029.191	95,4	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE14	480.006	6.029.009	96,7	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE16	480.465	6.026.057	95,9	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE17	479.993	6.025.628	95,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE19	479.100	6.025.654	95,4	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE20	481.305	6.025.324	97,1	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE21	480.950	6.024.257	95,8	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE22	478.438	6.028.116	95,5	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE23	479.019	6.028.388	95,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE24	478.337	6.026.282	97,8	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE25	480.354	6.026.869	96,1	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE27	481.519	6.033.795	100,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE29	478.327	6.028.586	95,4	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE30	478.634	6.025.406	98,3	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g

g) Data calculated from data for other wind speed (uncertain)

Calculation Results

Sound Level

Noise sensitive area		Lithuanian TM LKS94-LKS94 (LT)				Demands		Sound Level		Demands fulfilled ?		
No.	Name	East	North	Z [m]	Imission height [m]	Noise [dB(A)]	Distance [m]	From WTGs [dB(A)]	Distance to noise demand [m]	Noise	Distance	All
A	Noise sensitive area: German TA Lärm - Unzoned countryside areas (82)	479.001	6.034.597	96,1	1,5	45,0	40	24,4	2.340	Yes	Yes	Yes
B	Noise sensitive area: German TA Lärm - Unzoned countryside areas (83)	481.546	6.034.502	100,0	1,5	45,0	40	34,8	490	Yes	Yes	Yes
C	Noise sensitive area: German TA Lärm - Unzoned countryside areas (84)	482.353	6.034.217	100,0	1,5	45,0	40	32,0	717	Yes	Yes	Yes
D	Noise sensitive area: German TA Lärm - Unzoned countryside areas (85)	482.221	6.033.657	100,0	1,5	45,0	40	34,9	497	Yes	Yes	Yes
E	Noise sensitive area: German TA Lärm - Unzoned countryside areas (86)	482.345	6.033.568	100,0	1,5	45,0	40	33,2	639	Yes	Yes	Yes
F	Noise sensitive area: German TA Lärm - Unzoned countryside areas (87)	482.923	6.033.500	100,0	1,5	45,0	40	28,3	1.217	Yes	Yes	Yes
G	Noise sensitive area: German TA Lärm - Unzoned countryside areas (88)	483.470	6.032.767	100,0	1,5	45,0	40	25,4	1.987	Yes	Yes	Yes
H	Noise sensitive area: German TA Lärm - Unzoned countryside areas (89)	483.605	6.031.259	100,0	1,5	45,0	40	27,1	1.379	Yes	Yes	Yes
I	Noise sensitive area: German TA Lärm - Unzoned countryside areas (90)	483.501	6.031.188	100,0	1,5	45,0	40	27,8	1.256	Yes	Yes	Yes
Y	Noise sensitive area: German TA Lärm - Unzoned countryside areas (106)	477.726	6.029.835	96,2	1,5	45,0	40	34,8	643	Yes	Yes	Yes
J	Noise sensitive area: German TA Lärm - Unzoned countryside areas (91)	482.960	6.030.289	100,0	1,5	45,0	40	31,9	734	Yes	Yes	Yes
K	Noise sensitive area: German TA Lärm - Unzoned countryside areas (92)	482.999	6.030.210	100,0	1,5	45,0	40	31,2	805	Yes	Yes	Yes
L	Noise sensitive area: German TA Lärm - Unzoned countryside areas (93)	481.557	6.029.793	100,0	1,5	45,0	40	33,0	850	Yes	Yes	Yes
M	Noise sensitive area: German TA Lärm - Unzoned countryside areas (94)	480.733	6.028.911	98,1	1,5	45,0	40	36,0	504	Yes	Yes	Yes
N	Noise sensitive area: German TA Lärm - Unzoned countryside areas (95)	479.674	6.029.776	96,5	1,5	45,0	40	38,7	445	Yes	Yes	Yes
O	Noise sensitive area: German TA Lärm - Unzoned countryside areas (96)	479.583	6.029.743	96,3	1,5	45,0	40	39,3	372	Yes	Yes	Yes
P	Noise sensitive area: German TA Lärm - Unzoned countryside areas (97)	479.478	6.029.738	96,1	1,5	45,0	40	39,7	328	Yes	Yes	Yes
Q	Noise sensitive area: German TA Lärm - Unzoned countryside areas (98)	479.379	6.029.723	95,9	1,5	45,0	40	40,2	290	Yes	Yes	Yes
R	Noise sensitive area: German TA Lärm - Unzoned countryside areas (99)	479.300	6.029.687	95,7	1,5	45,0	40	40,8	248	Yes	Yes	Yes
S	Noise sensitive area: German TA Lärm - Unzoned countryside areas (100)	479.371	6.030.783	96,7	1,5	45,0	40	39,0	311	Yes	Yes	Yes
T	Noise sensitive area: German TA Lärm - Unzoned countryside areas (101)	478.789	6.030.939	95,0	1,5	45,0	40	35,4	623	Yes	Yes	Yes

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DECIBEL - Main Result

Calculation: DECIBEL - Alytus PAV ataskaita

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Noise sensitive area		Lithuanian TM LKS94-LKS94 (LT)				Demands		Sound Level		Demands fulfilled ?		
No.	Name	East	North	Z	Imission height	Noise	Distance	From WTGs	Distance to noise demand	Noise	Distance	All
				[m]	[m]	[dB(A)]	[m]	[dB(A)]	[m]			
U	Noise sensitive area: German TA Lärm - Unzoned countryside areas (102)	478.850	6.031.458	95,0	1,5	45,0	40	35,8	507	Yes	Yes	Yes
V	Noise sensitive area: German TA Lärm - Unzoned countryside areas (103)	479.577	6.032.230	98,2	1,5	45,0	40	38,4	337	Yes	Yes	Yes
W	Noise sensitive area: German TA Lärm - Unzoned countryside areas (104)	480.028	6.032.834	99,9	1,5	45,0	40	37,4	483	Yes	Yes	Yes
X	Noise sensitive area: German TA Lärm - Unzoned countryside areas (105)	477.800	6.029.916	95,9	1,5	45,0	40	35,2	586	Yes	Yes	Yes
Z	Noise sensitive area: German TA Lärm - Unzoned countryside areas (107)	477.632	6.028.975	97,0	1,5	45,0	40	36,3	550	Yes	Yes	Yes
AA	Noise sensitive area: German TA Lärm - Unzoned countryside areas (108)	477.527	6.028.014	97,9	1,5	45,0	40	35,6	653	Yes	Yes	Yes
AB	Noise sensitive area: German TA Lärm - Unzoned countryside areas (109)	478.492	6.027.701	95,6	1,5	45,0	40	41,4	172	Yes	Yes	Yes
AC	Noise sensitive area: German TA Lärm - Unzoned countryside areas (110)	478.797	6.027.764	95,0	1,5	45,0	40	40,9	242	Yes	Yes	Yes
AD	Noise sensitive area: German TA Lärm - Unzoned countryside areas (111)	479.797	6.027.395	95,2	1,5	45,0	40	37,0	538	Yes	Yes	Yes
AE	Noise sensitive area: German TA Lärm - Unzoned countryside areas (112)	480.196	6.027.479	96,2	1,5	45,0	40	37,7	403	Yes	Yes	Yes
AF	Noise sensitive area: German TA Lärm - Unzoned countryside areas (114)	480.873	6.027.301	97,4	1,5	45,0	40	36,7	447	Yes	Yes	Yes
AG	Noise sensitive area: German TA Lärm - Unzoned countryside areas (115)	480.927	6.027.189	97,5	1,5	45,0	40	37,0	428	Yes	Yes	Yes
AH	Noise sensitive area: German TA Lärm - Unzoned countryside areas (116)	481.039	6.027.069	97,6	1,5	45,0	40	36,5	484	Yes	Yes	Yes
AI	Noise sensitive area: German TA Lärm - Unzoned countryside areas (117)	481.169	6.026.937	97,8	1,5	45,0	40	35,7	587	Yes	Yes	Yes
AY	Noise sensitive area: German TA Lärm - Unzoned countryside areas (135)	480.270	6.024.520	95,0	1,5	45,0	40	36,8	507	Yes	Yes	Yes
AJ	Noise sensitive area: German TA Lärm - Unzoned countryside areas (118)	481.067	6.026.899	97,6	1,5	45,0	40	36,8	482	Yes	Yes	Yes
AK	Noise sensitive area: German TA Lärm - Unzoned countryside areas (119)	481.156	6.026.527	97,5	1,5	45,0	40	36,9	592	Yes	Yes	Yes
AL	Noise sensitive area: German TA Lärm - Unzoned countryside areas (120)	481.293	6.025.866	97,4	1,5	45,0	40	39,3	314	Yes	Yes	Yes
AM	Noise sensitive area: German TA Lärm - Unzoned countryside areas (121)	481.884	6.025.375	99,2	1,5	45,0	40	37,4	357	Yes	Yes	Yes
AN	Noise sensitive area: German TA Lärm - Unzoned countryside areas (122)	482.034	6.025.238	99,8	1,5	45,0	40	35,4	510	Yes	Yes	Yes
AO	Noise sensitive area: German TA Lärm - Unzoned countryside areas (123)	481.614	6.024.684	97,4	1,5	45,0	40	37,3	485	Yes	Yes	Yes
AP	Noise sensitive area: German TA Lärm - Unzoned countryside areas (124)	480.314	6.023.926	95,0	1,5	45,0	40	35,5	497	Yes	Yes	Yes
AR	Noise sensitive area: German TA Lärm - Unzoned countryside areas (125)	480.255	6.023.949	95,0	1,5	45,0	40	35,1	540	Yes	Yes	Yes
AS	Noise sensitive area: German TA Lärm - Unzoned countryside areas (141)	480.236	6.024.111	95,0	1,5	45,0	40	35,7	508	Yes	Yes	Yes
AT	Noise sensitive area: German TA Lärm - Unzoned countryside areas (140)	480.234	6.024.202	95,0	1,5	45,0	40	36,0	497	Yes	Yes	Yes
AU	Noise sensitive area: German TA Lärm - Unzoned countryside areas (139)	480.236	6.024.253	95,0	1,5	45,0	40	36,2	492	Yes	Yes	Yes
AV	Noise sensitive area: German TA Lärm - Unzoned countryside areas (138)	480.236	6.024.323	95,0	1,5	45,0	40	36,3	495	Yes	Yes	Yes
AW	Noise sensitive area: German TA Lärm - Unzoned countryside areas (137)	480.236	6.024.363	95,0	1,5	45,0	40	36,4	500	Yes	Yes	Yes
AX	Noise sensitive area: German TA Lärm - Unzoned countryside areas (136)	480.238	6.024.495	95,0	1,5	45,0	40	36,6	528	Yes	Yes	Yes
AZ	Noise sensitive area: German TA Lärm - Unzoned countryside areas (134)	480.209	6.024.628	95,0	1,5	45,0	40	36,6	606	Yes	Yes	Yes
BA	Noise sensitive area: German TA Lärm - Unzoned countryside areas (142)	480.326	6.024.841	95,0	1,5	45,0	40	37,6	612	Yes	Yes	Yes
BB	Noise sensitive area: German TA Lärm - Unzoned countryside areas (143)	480.203	6.024.863	95,0	1,5	45,0	40	37,5	551	Yes	Yes	Yes
BC	Noise sensitive area: German TA Lärm - Unzoned countryside areas (144)	480.160	6.025.108	95,0	1,5	45,0	40	39,6	305	Yes	Yes	Yes
BD	Noise sensitive area: German TA Lärm - Unzoned countryside areas (145)	480.142	6.025.143	95,0	1,5	45,0	40	40,1	266	Yes	Yes	Yes
BE	Noise sensitive area: German TA Lärm - Unzoned countryside areas (146)	478.365	6.024.841	99,7	1,5	45,0	40	37,4	391	Yes	Yes	Yes
BF	Noise sensitive area: German TA Lärm - Unzoned countryside areas (147)	478.420	6.024.947	99,5	1,5	45,0	40	39,2	271	Yes	Yes	Yes
BG	Noise sensitive area: German TA Lärm - Unzoned countryside areas (148)	478.128	6.025.095	100,0	1,5	45,0	40	37,9	359	Yes	Yes	Yes
BH	Noise sensitive area: German TA Lärm - Unzoned countryside areas (149)	478.107	6.025.218	100,0	1,5	45,0	40	38,5	324	Yes	Yes	Yes
BI	Noise sensitive area: German TA Lärm - Unzoned countryside areas (150)	478.085	6.025.301	100,0	1,5	45,0	40	38,6	322	Yes	Yes	Yes
BJ	Noise sensitive area: German TA Lärm - Unzoned countryside areas (151)	478.064	6.025.381	100,0	1,5	45,0	40	38,6	332	Yes	Yes	Yes
BK	Noise sensitive area: German TA Lärm - Unzoned countryside areas (152)	478.047	6.025.540	100,0	1,5	45,0	40	38,8	361	Yes	Yes	Yes
BL	Noise sensitive area: German TA Lärm - Unzoned countryside areas (153)	478.041	6.025.576	100,0	1,5	45,0	40	38,7	375	Yes	Yes	Yes
BM	Noise sensitive area: German TA Lärm - Unzoned countryside areas (154)	477.975	6.025.699	100,0	1,5	45,0	40	38,3	451	Yes	Yes	Yes
BN	Noise sensitive area: German TA Lärm - Unzoned countryside areas (155)	477.956	6.025.775	100,0	1,5	45,0	40	38,5	400	Yes	Yes	Yes
BP	Noise sensitive area: German TA Lärm - Unzoned countryside areas (156)	477.933	6.025.858	100,0	1,5	45,0	40	38,6	353	Yes	Yes	Yes
BQ	Noise sensitive area: German TA Lärm - Unzoned countryside areas (157)	477.916	6.025.937	100,0	1,5	45,0	40	38,9	313	Yes	Yes	Yes
BR	Noise sensitive area: German TA Lärm - Unzoned countryside areas (158)	477.888	6.026.017	100,0	1,5	45,0	40	39,1	291	Yes	Yes	Yes
BS	Noise sensitive area: German TA Lärm - Unzoned countryside areas (159)	477.931	6.026.102	100,0	1,5	45,0	40	40,2	215	Yes	Yes	Yes
BT	Noise sensitive area: German TA Lärm - Unzoned countryside areas (160)	477.674	6.026.428	100,0	1,5	45,0	40	36,4	452	Yes	Yes	Yes
BU	Noise sensitive area: German TA Lärm - Unzoned countryside areas (161)	477.714	6.026.528	100,0	1,5	45,0	40	36,6	443	Yes	Yes	Yes

Distances (m)

	WTG																			
NSA	VE05	VE09	VE10	VE11	VE14	VE17	VE19	VE22	VE23	VE24	VE25	VE27	VE29	VE04	VE12	VE13	VE16	VE30	VE20	VE21
A	2716	4977	4070	3357	5679	9025	8945	6506	6210	8343	7847	2643	6049	2565	4893	5415	8666	9200	9557	10524
B	2734	3835	3903	3748	5696	9008	9172	7081	6598	8809	7726	708	6710	1848	5592	5749	8515	9540	9183	10264
C	3048	3502	3976	4046	5713	8906	9162	7250	6716	8895	7614	935	6923	2101	5863	5881	8372	9565	8943	10049
D	2588	2943	3429	3562	5150	8334	8592	6711	6167	8337	7042	715	6395	1654	5355	5337	7802	8999	8381	9484
E	2640	2859	3424	3599	5125	8283	8555	6709	6157	8318	6990	855	6402	1719	5377	5333	7742	8968	8303	9410
F	3109	2908	3735	4024	5356	8401	8729	7008	6433	8553	7112	1429	6729	2225	5749	5630	7839	9161	8336	9452
G	3398	2446	3675	4179	5094	7916	8326	6839	6229	8252	6646	2206	6617	2655	5745	5481	7326	8786	7722	8846
H	3580	1596	3266	4044	4245	6668	7175	6049	5411	7239	5445	3284	5917	3180	5246	4777	6053	7665	6331	7454
I	3497	1474	3152	3940	4119	6555	7058	5923	5285	7118	5328	3275	5792	3124	5125	4652	5941	7546	6231	7354
Y	3282	4456	2790	2303	2426	4780	4402	1861	1941	3606	3963	5439	1386	4229	872	1701	4667	4522	5759	6444
J	3374	951	2628	3543	3220	5488	6004	5018	4377	6102	4268	3787	4937	3291	4408	3822	4873	6498	5181	6306
K	3449	1022	2681	3602	3218	5448	5969	5010	4368	6075	4232	3876	4941	3376	4436	3835	4832	6465	5132	6257
L	2736	1046	1530	2493	1716	4395	4765	3518	2877	4724	3108	4002	3433	3083	2969	2327	3836	5225	4417	5510
M	3267	2223	1884	2650	733	3338	3623	2429	1792	3545	2048	4925	2428	3859	2291	1460	2836	4067	3597	4626
N	2334	2546	1148	1461	821	4161	4163	2070	1535	3742	2980	4356	1798	3152	1069	695	3798	4493	4729	5660
O	2369	2644	1216	1472	831	4136	4118	1990	1468	3679	2974	4410	1708	3201	986	620	3790	4440	4735	5654

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DECIBEL - Main Result

Calculation: DECIBEL - Alytus PAV ataskaita

...continued from previous page

	WTG																			
NSA	VE05	VE09	VE10	VE11	VE14	VE17	VE19	VE22	VE23	VE24	VE25	VE27	VE29	VE04	VE12	VE13	VE16	VE30	VE20	VE21
P	2411	2731	1287	1494	870	4143	4102	1927	1426	3640	2991	4467	1629	3255	883	576	3804	4414	4762	5669
Q	2462	2870	1394	1516	934	4141	4079	1863	1383	3596	3011	4543	1549	3325	779	538	3820	4381	4795	5685
R	2526	2928	1462	1575	949	4119	4039	1793	1330	3540	3002	4611	1470	3392	711	496	3809	4334	4791	5673
S	1546	2737	1006	539	1824	5123	5063	2749	2345	4542	3971	3700	2350	2469	1226	1520	4786	5352	5731	6650
T	1796	3327	1598	849	2228	5380	5219	2761	2488	4597	4300	3952	2312	2742	1148	1758	5100	5456	6094	6961
U	1395	3342	1676	732	2708	5942	5810	3368	3075	5202	4830	3475	2920	2309	1756	2312	5638	6057	6608	7502
V	562	2943	1635	895	3205	6570	6546	4217	3834	6027	5374	2472	3798	1339	2638	3003	6193	6841	7078	8048
W	713	2974	2097	1606	3826	7207	7241	4966	4555	6760	5975	1735	4559	790	3407	3713	6792	7557	7619	8628
X	3173	4367	2694	2195	2386	4817	4455	1910	1955	3667	3977	5329	1431	4120	814	1667	4691	4582	5778	6478
Z	3996	4787	3258	2984	2375	4097	3632	1179	1507	2784	3443	6163	797	4937	1192	1678	4068	3708	5180	5769
AA	4843	5306	3944	3827	2670	3432	2836	917	1538	1912	3050	7000	972	5769	1984	2117	3530	2834	4638	5083
AB	4723	4704	3600	3744	2001	2514	2089	419	866	1380	2006	6806	900	5591	2024	1696	2527	2255	3642	4186
AC	4544	4380	3361	3590	1688	2372	2072	503	641	1501	1710	6588	947	5386	1969	1490	2303	2307	3415	4038
AD	4705	4016	3383	3856	1587	1766	1834	1456	1189	1774	766	6592	1812	5448	2558	1812	1496	2255	2563	3344
AE	4593	3686	3233	3810	1489	1863	2129	1844	1454	2212	630	6390	2142	5281	2722	1894	1447	2596	2414	3310
AF	4825	3558	3442	4137	1856	1891	2420	2534	2106	2734	675	6462	2811	5422	3274	2404	1309	2934	2017	3044
AG	4939	3639	3556	4256	1977	1819	2386	2621	2208	2744	656	6563	2909	5530	3390	2522	1223	2905	1903	2932
AH	5126	3773	3743	4459	2190	1765	2395	2804	2413	2815	714	6725	3108	5704	3608	2740	1145	2920	1733	2784
AI	5250	3835	3867	4594	2333	1760	2435	2946	2559	2904	810	6819	3254	5813	3756	2887	1127	2962	1619	2689
AY	7552	6407	6190	6744	4437	1078	1556	3969	4002	2542	2293	9305	4440	8227	5403	4708	1494	1788	1296	729
AJ	5314	3940	3930	4641	2362	1639	2317	2898	2533	2799	714	6910	3218	5893	3756	2895	1007	2844	1545	2600
AK	5634	4217	4251	4960	2675	1470	2234	3104	2782	2818	834	7210	3451	6204	4041	3189	836	2760	1213	2280
AL	6310	4838	4926	5635	3340	1321	2197	3591	3347	2966	1325	7864	3978	6871	4657	3823	827	2697	542	1646
AM	6976	5322	5598	6353	4091	1908	2798	4404	4158	3661	2138	8416	4792	7480	5455	4609	1574	3250	581	1419
AN	7150	5472	5773	6537	4283	2078	2964	4607	4361	3842	2342	8574	4996	7646	5655	4807	1770	3405	734	1428
AO	7593	6036	6209	6917	4615	1876	2695	4677	4524	3647	2523	9107	5103	8139	5877	5068	1791	3067	711	765
AP	8206	7017	6842	7401	5093	1732	2098	4590	4647	3055	2944	9944	5067	8875	6048	5362	2137	2209	1714	716
AR	8182	7010	6820	7373	5067	1700	2054	4547	4609	3011	2922	9928	5023	8855	6009	5329	2119	2164	1730	760
AS	8020	6859	6658	7210	4904	1536	1898	4383	4447	2861	2761	9770	4859	8695	5848	5166	1960	2029	1617	726
AT	7929	6772	6567	7118	4813	1443	1822	4294	4351	2793	2670	9680	4769	8604	5752	5072	1869	1975	1551	718
AU	7878	6723	6517	7065	4761	1391	1784	4248	4302	2758	2619	9629	4723	8553	5703	5021	1819	1948	1513	711
AV	7808	6656	6447	6999	4692	1326	1737	4190	4239	2714	2549	9560	4664	8483	5641	4956	1749	1916	1465	715
AW	7727	6581	6366	6917	4611	1246	1672	4119	4164	2652	2469	9482	4592	8404	5565	4877	1671	1864	1419	722
AX	7636	6490	6275	6827	4521	1156	1607	4034	4074	2591	2378	9390	4507	8312	5476	4787	1579	1822	1351	729
AZ	7502	6371	6142	6692	4386	1023	1484	3905	3944	2470	2246	9262	4377	8181	5346	4653	1452	1716	1299	821
BA	7292	6134	5928	6494	4181	855	1440	3775	3781	2427	2029	9035	4241	7961	5182	4470	1225	1741	1092	826
BB	7267	6149	5907	6458	4151	793	1316	3689	3719	2305	2012	9029	4160	7947	5120	4422	1222	1604	1194	929
BC	7023	5931	5664	6210	3905	546	1149	3452	3469	2129	1772	8795	3919	7707	4871	4174	997	1501	1165	1126
BD	6987	5903	5630	6173	3869	507	1119	3415	3433	2097	1739	8762	3883	7673	4835	4135	969	1479	1170	1166
BE	7501	6961	6259	6558	4480	1808	1096	3277	3608	1442	2841	9495	3746	8315	4887	4450	2427	626	2980	2641
BF	7385	6842	6141	6444	4362	1714	981	3170	3494	1338	2727	9377	3641	8198	4779	4335	2327	507	2905	2608
BG	7315	6882	6103	6358	4342	1940	1122	3037	3412	1205	2847	9339	3497	8148	4651	4261	2528	594	3184	2932
BH	7203	6795	5996	6243	4241	1931	1085	2917	3299	1089	2789	9232	3376	8039	4531	4149	2504	560	3196	2970
BI	7130	6741	5928	6168	4177	1936	1075	2838	3226	1013	2758	9164	3295	7968	4451	4076	2497	559	3212	3026
BJ	7028	6667	5833	6062	4089	1945	1071	2726	3124	910	2721	9068	3181	7870	4339	3975	2495	570	3242	3098
BK	6912	6574	5723	5945	3984	1948	1059	2606	3010	797	2663	8957	3059	7757	4218	3860	2473	596	3264	3162
BL	6857	6532	5672	5888	3936	1953	1062	2547	2955	744	2642	8904	2999	7704	4158	3806	2471	617	3274	3195
BM	6783	6495	5609	5811	3884	2003	1110	2461	2885	686	2651	8839	2909	7635	4070	3735	2511	685	3330	3267
BN	6717	6449	5549	5743	3829	2027	1133	2390	2821	634	2636	8777	2835	7572	3998	3671	2520	734	3360	3320
BP	6647	6401	5485	5670	3772	2049	1158	2314	2754	586	2624	8711	2757	7504	3920	3603	2526	789	3388	3374
BQ	6579	6353	5422	5600	3717	2075	1188	2242	2689	545	2611	8647	2682	7439	3846	3537	2539	844	3418	3424
BR	6512	6311	5363	5531	3666	2111	1230	2170	2627	521	2609	8585	2607	7375	3771	3474	2560	910	3456	3484
BS	6386	6201	5241	5404	3550	2117	1252	2043	2504	445	2542	8461	2479	7250	3644	3350	2535	990	3464	3539
BT	6179	6145	5086	5183	3458	2454	1623	1823	2352	679	2716	8282	2221	7063	3385	3179	2816	1403	3796	3931
BU	6065	6044	4975	5069	3354	2450	1639	1710	2243	670	2662	8170	2107	6950	3272	3068	2791	1451	3788	3954

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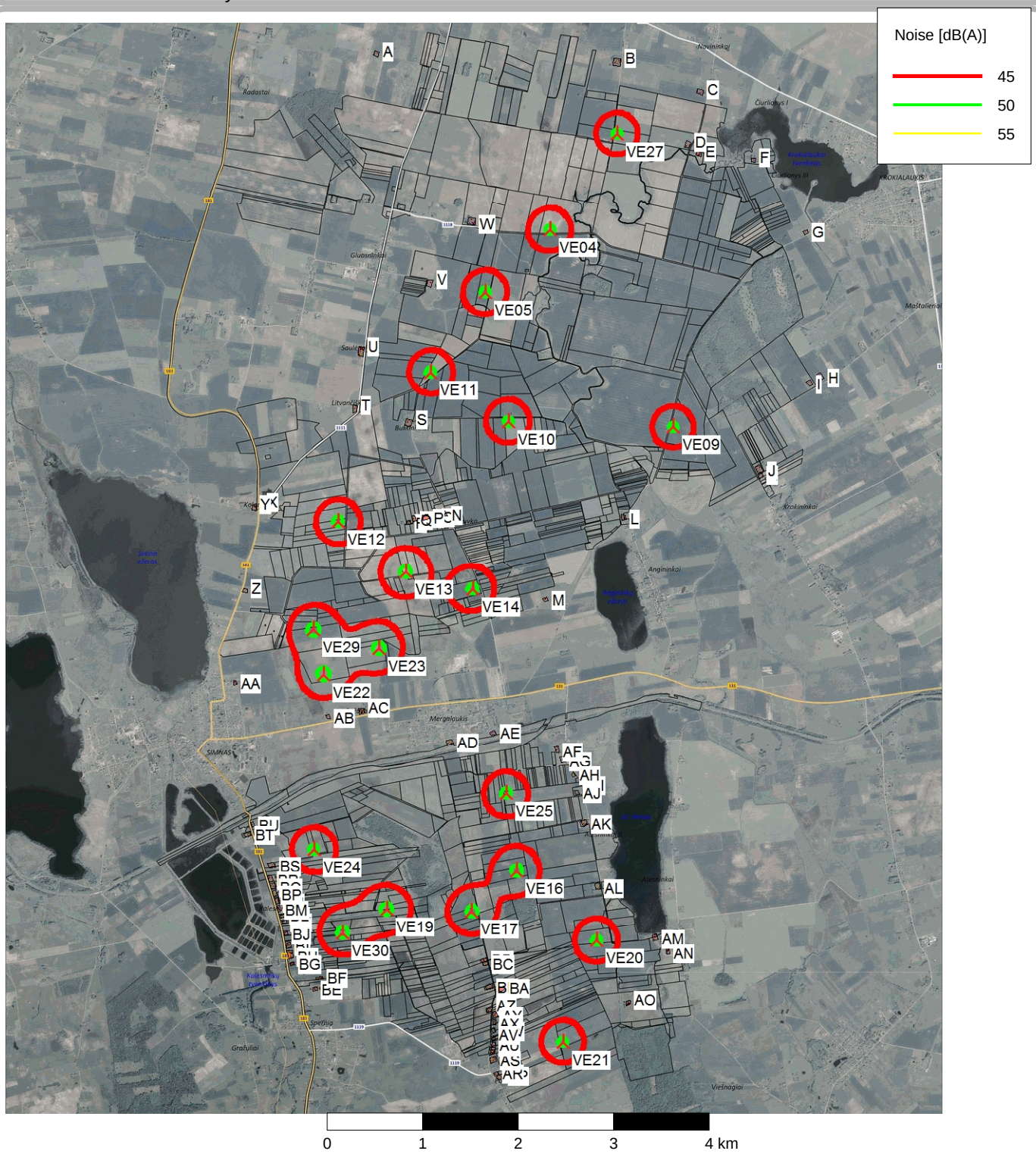
DECIBEL - Map 10,0 m/s

Calculation: DECIBEL - Alytus PAV ataskaita



Map: Alytus PAV , Print scale 1:60.000, Map center Lithuanian TM LKS94-LKS94 (LT) East: 480.217 North: 6.029.026

New WTG Noise sensitive area

Noise calculation model: ISO 9613-2 General. Wind speed: 10,0 m/s

Height above sea level from active line object

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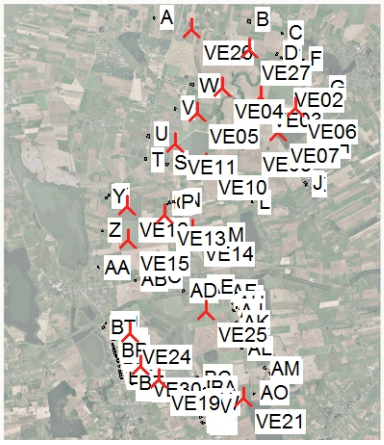
DECIBEL - Main Result

Calculation: DECIBEL - Alytus PAV ataskaita

Noise calculation model:
ISO 9613-2 General
Wind speed:
10,0 m/s
Ground attenuation:
General, Ground factor: 0,6
Meteorological coefficient, C0:
2,0 dB
Type of demand in calculation:
1: WTG noise is compared to demand (DK, DE, SE, NL etc.)
Noise values in calculation:
All noise values are mean values (Lwa) (Normal)
Pure tones:
Pure tone penalty are added to demand: 0,0 dB(A)
Height above ground level, when no value in NSA object:
1,5 m Don't allow override of model height with height from NSA object
Deviation from "official" noise demands. Negative is more restrictive, positive is less restrictive.:
0,0 dB(A)



Scale 1:200.000

New WTG Noise sensitive area

WTGs

	Lithuanian TM LKS94-LKS94 (LT) East	North	Z [m]	Row data/Description	WTG type Valid	Manufact.	Type-generator	Power, rated [kW]	Rotor diameter [m]	Hub height [m]	Noise data Creator	Name	Wind speed [m/s]	Status	LwA,ref [dB(A)]	Pure tones	
VE02	482.402	6.033.098	100,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE03	481.835	6.032.541	100,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE04	480.816	6.032.785	100,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE05	480.133	6.032.129	99,5	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE06	482.744	6.032.242	100,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE07	482.274	6.031.600	100,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE08	481.553	6.031.378	100,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE10	480.377	6.030.767	98,5	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE11	479.562	6.031.288	97,6	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE12	478.282	6.029.652	95,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE13	479.256	6.029.403	95,4	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE14	480.006	6.029.009	96,7	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE15	478.290	6.028.746	95,4	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE19	479.100	6.025.052	96,3	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE21	481.366	6.024.558	96,7	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE24	478.337	6.026.282	97,8	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE25	480.354	6.026.869	96,1	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE26	479.995	6.034.336	99,6	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE27	481.519	6.033.795	100,0	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g
VE30	478.634	6.025.406	98,3	Siemens Gamesa SG 6.0-170 6...	Yes	Siemens Gamesa	SG 6.0-170-6.200	6.200	170,0	165,0	EMD	(AM 0, 6.2MW) - 106dB(A)	10,0	ExtraPolated	106,0	No	g

g) Data calculated from data for other wind speed (uncertain)

Calculation Results

Sound Level

Noise sensitive area No.	Name	Lithuanian TM LKS94-LKS94 (LT) East	North	Z [m]	Imission height [m]	Demands Noise [dB(A)]	Distance [m]	Sound Level From WTGs [dB(A)]	Distance to noise demand [m]	Demands fulfilled ? Noise	Distance	All
A	Noise sensitive area: German TA Lärm - Unzoned countryside areas (82)	479.001	6.034.597	96,1	1,5	45,0	40	31,3	811	Yes	Yes	Yes
B	Noise sensitive area: German TA Lärm - Unzoned countryside areas (83)	481.546	6.034.502	100,0	1,5	45,0	40	35,9	483	Yes	Yes	Yes
C	Noise sensitive area: German TA Lärm - Unzoned countryside areas (84)	482.353	6.034.217	100,0	1,5	45,0	40	34,6	708	Yes	Yes	Yes
D	Noise sensitive area: German TA Lärm - Unzoned countryside areas (85)	482.221	6.033.657	100,0	1,5	45,0	40	39,4	352	Yes	Yes	Yes
E	Noise sensitive area: German TA Lärm - Unzoned countryside areas (86)	482.396	6.033.553	100,0	1,5	45,0	40	40,4	221	Yes	Yes	Yes
F	Noise sensitive area: German TA Lärm - Unzoned countryside areas (87)	482.923	6.033.500	100,0	1,5	45,0	40	37,0	426	Yes	Yes	Yes
G	Noise sensitive area: German TA Lärm - Unzoned countryside areas (88)	483.474	6.032.755	100,0	1,5	45,0	40	35,0	658	Yes	Yes	Yes
H	Noise sensitive area: German TA Lärm - Unzoned countryside areas (89)	483.605	6.031.259	100,0	1,5	45,0	40	31,9	1.071	Yes	Yes	Yes
I	Noise sensitive area: German TA Lärm - Unzoned countryside areas (90)	483.501	6.031.188	100,0	1,5	45,0	40	32,2	1.054	Yes	Yes	Yes
Y	Noise sensitive area: German TA Lärm - Unzoned countryside areas (106)	477.726	6.029.835	96,2	1,5	45,0	40	37,5	360	Yes	Yes	Yes
J	Noise sensitive area: German TA Lärm - Unzoned countryside areas (91)	482.960	6.030.289	100,0	1,5	45,0	40	30,5	1.243	Yes	Yes	Yes
K	Noise sensitive area: German TA Lärm - Unzoned countryside areas (92)	482.999	6.030.210	100,0	1,5	45,0	40	30,0	1.331	Yes	Yes	Yes
L	Noise sensitive area: German TA Lärm - Unzoned countryside areas (93)	481.557	6.029.793	100,0	1,5	45,0	40	32,0	1.302	Yes	Yes	Yes
M	Noise sensitive area: German TA Lärm - Unzoned countryside areas (94)	480.733	6.028.911	98,1	1,5	45,0	40	35,5	509	Yes	Yes	Yes
N	Noise sensitive area: German TA Lärm - Unzoned countryside areas (95)	479.674	6.029.776	96,5	1,5	45,0	40	39,3	326	Yes	Yes	Yes
O	Noise sensitive area: German TA Lärm - Unzoned countryside areas (96)	479.583	6.029.743	96,3	1,5	45,0	40	40,3	237	Yes	Yes	Yes
P	Noise sensitive area: German TA Lärm - Unzoned countryside areas (97)	479.478	6.029.738	96,1	1,5	45,0	40	41,3	169	Yes	Yes	Yes
Q	Noise sensitive area: German TA Lärm - Unzoned countryside areas (98)	479.379	6.029.723	95,9	1,5	45,0	40	42,4	110	Yes	Yes	Yes
R	Noise sensitive area: German TA Lärm - Unzoned countryside areas (99)	479.300	6.029.687	95,7	1,5	45,0	40	43,6	55	Yes	Yes	Yes
S	Noise sensitive area: German TA Lärm - Unzoned countryside areas (100)	479.371	6.030.783	96,7	1,5	45,0	40	39,0	311	Yes	Yes	Yes
T	Noise sensitive area: German TA Lärm - Unzoned countryside areas (101)	478.789	6.030.939	95,0	1,5	45,0	40	35,3	623	Yes	Yes	Yes

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DECIBEL - Main Result

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Noise sensitive area		Lithuanian TM LKS94-LKS94 (LT)				Demands		Sound Level		Demands fulfilled ?		
No.	Name	East	North	Z	Imission height	Noise	Distance	From WTGs	Distance to noise demand	Noise	Distance	All
				[m]	[m]	[dB(A)]	[m]	[dB(A)]	[m]			
U	Noise sensitive area: German TA Lärm - Unzoned countryside areas (102)	478.850	6.031.458	95,0	1,5	45,0	40	35,9	506	Yes	Yes	Yes
V	Noise sensitive area: German TA Lärm - Unzoned countryside areas (103)	479.577	6.032.230	98,2	1,5	45,0	40	38,7	335	Yes	Yes	Yes
W	Noise sensitive area: German TA Lärm - Unzoned countryside areas (104)	480.028	6.032.834	99,9	1,5	45,0	40	38,0	479	Yes	Yes	Yes
X	Noise sensitive area: German TA Lärm - Unzoned countryside areas (105)	477.800	6.029.916	95,9	1,5	45,0	40	38,0	325	Yes	Yes	Yes
Z	Noise sensitive area: German TA Lärm - Unzoned countryside areas (107)	477.632	6.028.975	97,0	1,5	45,0	40	36,7	470	Yes	Yes	Yes
AA	Noise sensitive area: German TA Lärm - Unzoned countryside areas (108)	477.512	6.028.057	97,9	1,5	45,0	40	32,4	815	Yes	Yes	Yes
AB	Noise sensitive area: German TA Lärm - Unzoned countryside areas (109)	478.492	6.027.701	95,6	1,5	45,0	40	33,5	841	Yes	Yes	Yes
AC	Noise sensitive area: German TA Lärm - Unzoned countryside areas (110)	478.797	6.027.764	95,0	1,5	45,0	40	33,6	880	Yes	Yes	Yes
AD	Noise sensitive area: German TA Lärm - Unzoned countryside areas (111)	479.797	6.027.395	95,2	1,5	45,0	40	35,2	548	Yes	Yes	Yes
AE	Noise sensitive area: German TA Lärm - Unzoned countryside areas (112)	480.196	6.027.479	96,2	1,5	45,0	40	36,6	412	Yes	Yes	Yes
AF	Noise sensitive area: German TA Lärm - Unzoned countryside areas (114)	480.873	6.027.301	97,4	1,5	45,0	40	35,6	458	Yes	Yes	Yes
AG	Noise sensitive area: German TA Lärm - Unzoned countryside areas (115)	480.927	6.027.189	97,5	1,5	45,0	40	35,8	438	Yes	Yes	Yes
AH	Noise sensitive area: German TA Lärm - Unzoned countryside areas (116)	481.039	6.027.069	97,6	1,5	45,0	40	35,0	496	Yes	Yes	Yes
AI	Noise sensitive area: German TA Lärm - Unzoned countryside areas (117)	481.156	6.026.980	97,8	1,5	45,0	40	33,7	592	Yes	Yes	Yes
AY	Noise sensitive area: German TA Lärm - Unzoned countryside areas (135)	480.245	6.024.579	95,0	1,5	45,0	40	32,7	906	Yes	Yes	Yes
AJ	Noise sensitive area: German TA Lärm - Unzoned countryside areas (118)	481.067	6.026.899	97,6	1,5	45,0	40	34,9	496	Yes	Yes	Yes
AK	Noise sensitive area: German TA Lärm - Unzoned countryside areas (119)	481.138	6.026.586	97,5	1,5	45,0	40	33,5	616	Yes	Yes	Yes
AL	Noise sensitive area: German TA Lärm - Unzoned countryside areas (120)	481.293	6.025.866	97,4	1,5	45,0	40	31,1	1.094	Yes	Yes	Yes
AM	Noise sensitive area: German TA Lärm - Unzoned countryside areas (121)	481.894	6.025.317	99,2	1,5	45,0	40	32,1	708	Yes	Yes	Yes
AN	Noise sensitive area: German TA Lärm - Unzoned countryside areas (122)	482.041	6.025.177	99,8	1,5	45,0	40	32,1	700	Yes	Yes	Yes
AO	Noise sensitive area: German TA Lärm - Unzoned countryside areas (123)	481.611	6.024.640	97,4	1,5	45,0	40	43,8	43	Yes	Yes	Yes
AP	Noise sensitive area: German TA Lärm - Unzoned countryside areas (124)	480.314	6.023.926	95,0	1,5	45,0	40	30,5	1.012	Yes	Yes	Yes
AR	Noise sensitive area: German TA Lärm - Unzoned countryside areas (125)	480.255	6.023.949	95,0	1,5	45,0	40	30,5	1.051	Yes	Yes	Yes
AS	Noise sensitive area: German TA Lärm - Unzoned countryside areas (141)	480.236	6.024.111	95,0	1,5	45,0	40	31,2	999	Yes	Yes	Yes
AT	Noise sensitive area: German TA Lärm - Unzoned countryside areas (140)	480.234	6.024.202	95,0	1,5	45,0	40	31,5	971	Yes	Yes	Yes
AU	Noise sensitive area: German TA Lärm - Unzoned countryside areas (139)	480.236	6.024.253	95,0	1,5	45,0	40	31,7	955	Yes	Yes	Yes
AV	Noise sensitive area: German TA Lärm - Unzoned countryside areas (138)	480.236	6.024.323	95,0	1,5	45,0	40	32,0	938	Yes	Yes	Yes
AW	Noise sensitive area: German TA Lärm - Unzoned countryside areas (137)	480.225	6.024.404	95,0	1,5	45,0	40	32,2	935	Yes	Yes	Yes
AX	Noise sensitive area: German TA Lärm - Unzoned countryside areas (136)	480.238	6.024.495	95,0	1,5	45,0	40	32,5	914	Yes	Yes	Yes
AZ	Noise sensitive area: German TA Lärm - Unzoned countryside areas (134)	480.153	6.024.609	95,0	1,5	45,0	40	32,8	917	Yes	Yes	Yes
BA	Noise sensitive area: German TA Lärm - Unzoned countryside areas (142)	480.338	6.024.813	95,0	1,5	45,0	40	33,0	843	Yes	Yes	Yes
BB	Noise sensitive area: German TA Lärm - Unzoned countryside areas (143)	480.135	6.024.841	95,0	1,5	45,0	40	33,3	830	Yes	Yes	Yes
BC	Noise sensitive area: German TA Lärm - Unzoned countryside areas (144)	480.102	6.025.092	95,0	1,5	45,0	40	33,7	775	Yes	Yes	Yes
BD	Noise sensitive area: German TA Lärm - Unzoned countryside areas (145)	480.086	6.025.125	95,0	1,5	45,0	40	33,8	762	Yes	Yes	Yes
BE	Noise sensitive area: German TA Lärm - Unzoned countryside areas (146)	478.365	6.024.841	99,7	1,5	45,0	40	38,1	383	Yes	Yes	Yes
BF	Noise sensitive area: German TA Lärm - Unzoned countryside areas (147)	478.420	6.024.947	99,5	1,5	45,0	40	39,8	264	Yes	Yes	Yes
BG	Noise sensitive area: German TA Lärm - Unzoned countryside areas (148)	478.128	6.025.095	100,0	1,5	45,0	40	37,9	359	Yes	Yes	Yes
BH	Noise sensitive area: German TA Lärm - Unzoned countryside areas (149)	478.107	6.025.218	100,0	1,5	45,0	40	38,4	326	Yes	Yes	Yes
BI	Noise sensitive area: German TA Lärm - Unzoned countryside areas (150)	478.085	6.025.301	100,0	1,5	45,0	40	38,5	325	Yes	Yes	Yes
BJ	Noise sensitive area: German TA Lärm - Unzoned countryside areas (151)	478.064	6.025.381	100,0	1,5	45,0	40	38,4	336	Yes	Yes	Yes
BK	Noise sensitive area: German TA Lärm - Unzoned countryside areas (152)	478.047	6.025.540	100,0	1,5	45,0	40	38,4	367	Yes	Yes	Yes
BL	Noise sensitive area: German TA Lärm - Unzoned countryside areas (153)	478.041	6.025.576	100,0	1,5	45,0	40	38,4	382	Yes	Yes	Yes
BM	Noise sensitive area: German TA Lärm - Unzoned countryside areas (154)	477.975	6.025.699	100,0	1,5	45,0	40	37,9	458	Yes	Yes	Yes
BN	Noise sensitive area: German TA Lärm - Unzoned countryside areas (155)	477.956	6.025.775	100,0	1,5	45,0	40	38,0	406	Yes	Yes	Yes
BP	Noise sensitive area: German TA Lärm - Unzoned countryside areas (156)	477.933	6.025.858	100,0	1,5	45,0	40	38,3	359	Yes	Yes	Yes
BQ	Noise sensitive area: German TA Lärm - Unzoned countryside areas (157)	477.916	6.025.937	100,0	1,5	45,0	40	38,6	319	Yes	Yes	Yes
BR	Noise sensitive area: German TA Lärm - Unzoned countryside areas (158)	477.888	6.026.017	100,0	1,5	45,0	40	38,7	296	Yes	Yes	Yes
BS	Noise sensitive area: German TA Lärm - Unzoned countryside areas (159)	477.931	6.026.102	100,0	1,5	45,0	40	39,9	220	Yes	Yes	Yes
BT	Noise sensitive area: German TA Lärm - Unzoned countryside areas (160)	477.674	6.026.428	100,0	1,5	45,0	40	35,8	456	Yes	Yes	Yes
BU	Noise sensitive area: German TA Lärm - Unzoned countryside areas (161)	477.714	6.026.528	100,0	1,5	45,0	40	35,9	447	Yes	Yes	Yes

Distances (m)

	WTG																			
NSA	VE02	VE03	VE04	VE05	VE06	VE07	VE08	VE10	VE11	VE12	VE13	VE14	VE15	VE19	VE21	VE24	VE25	VE26	VE27	VE30
A	3718	3502	2565	2716	4423	4439	4109	4070	3357	4998	5201	5679	5895	9547	10316	8343	7847	1028	2643	9200
B	1644	1982	1848	2734	2558	2992	3124	3903	3748	5815	5570	5696	6587	9755	9947	8809	7726	1488	708	9540
C	1099	1754	2101	3048	1982	2601	2948	3976	4046	6117	5725	5713	6816	9727	9697	8895	7614	2361	935	9565
D	565	1181	1654	2588	1483	2048	2376	3429	3562	5618	5186	5150	6292	9155	9136	8337	7042	2327	715	8999
E	455	1147	1719	2640	1357	1957	2330	3424	3599	5644	5187	5125	6302	9115	9056	8318	6990	2468	855	8968
F	658	1450	2225	3109	1270	2008	2526	3735	4024	6029	5499	5356	6639	9274	9078	8553	7112	3036	1429	9161
G	1118	1651	2655	3398	886	1656	2357	3675	4179	6045	5381	5094	6547	8844	8444	8252	6646	3813	2206	8786
H	2198	2186	3180	3580	1307	1374	2056	3266	4044	5561	4729	4245	5880	7651	7029	7239	5445	4744	3284	7665
I	2204	2146	3124	3497	1298	1294	1957	3152	3940	5441	4605	4119	5755	7535	6932	7118	5328	4713	3275	7546
Y	5667	4886	4229	3282	5539	4857	4104	2790	2303	586	1590	2426	1226	4977	6412	3606	3963	4985	5439	4522
J	2850	2518	3291	3374	1946	1480	1780	2628	3543	4722	3810	3220	4920	6473	5893	6102	4268	5018	3787	6498
K	2938	2606	3376	3449	2034	1568	1859	2681	3602	4750	3829	3218	4928	6436	5843	6075	4232	5104	3876	6465
L	3402	2760	3083	2736	2703	1929	1585	1530	2493	3279	2330	1716	3418	5289	5179	4724	3108	4804	4002	5225
M	4477	3766	3859	3267	3855	3064	2571	1884	2650	2561	1557	733	2449	4168	4364	3545	2048	5467	4925	4067
N	4233	3443	3152	2334	3876	3116	2406	1148	1461	1383	561	821	1726	4760	5475	3742	2980	4511	4356	4493
O	4304	3513	3201	2369	3957	3199	2486	1216	1472	1300	472	831	1633	4717	5478	3679	2974	4535	4410	4440

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DECIBEL - Main Result

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	WTG																			
NSA	VE02	VE03	VE04	VE05	VE06	VE07	VE08	VE10	VE11	VE12	VE13	VE14	VE15	VE19	VE21	VE24	VE25	VE26	VE27	VE30
P	4376	3584	3255	2411	4037	3282	2566	1287	1494	1196	402	870	1548	4702	5501	3640	2991	4566	4467	4414
Q	4480	3686	3325	2462	4159	3409	2687	1394	1516	1092	343	934	1463	4680	5529	3596	3011	4595	4543	4381
R	4548	3755	3392	2526	4226	3474	2754	1462	1575	1019	288	949	1381	4640	5522	3540	3002	4654	4611	4334
S	3814	3027	2469	1546	3675	3016	2262	1006	539	1474	1310	1824	2221	5664	6475	4542	3971	3605	3700	5352
T	4210	3443	2742	1796	4165	3548	2799	1598	849	1293	1542	2228	2162	5820	6822	4597	4300	3606	3952	5456
U	3863	3133	2309	1395	3944	3414	2699	1676	732	1892	2095	2708	2770	6412	7346	5202	4830	3002	3475	6057
V	2940	2268	1339	562	3159	2768	2149	1635	895	2824	2797	3205	3658	7147	7837	6027	5374	2120	2472	6841
W	2379	1831	790	713	2780	2563	2109	2097	1606	3603	3513	3826	4423	7839	8385	6760	5975	1420	1735	7557
X	5560	4780	4120	3173	5437	4758	4005	2694	2195	550	1544	2386	1269	5033	6438	3667	3977	4880	5329	4582
Z	6281	5488	4937	3996	6048	5315	4580	3258	2984	912	1671	2375	697	4190	5785	2784	3443	5825	6163	3708
AA	7024	6229	5769	4843	6701	5936	5231	3944	3827	1771	2203	2670	1039	3354	5166	1912	3050	6753	7000	2834
AB	6666	5884	5591	4723	6222	5433	4785	3600	3744	1963	1866	2001	1065	2672	4216	1380	2006	6804	6806	2255
AC	6400	5625	5386	4544	5925	5132	4504	3361	3590	1957	1683	1688	1105	2670	4027	1501	1710	6667	6588	2307
AD	6240	5503	5448	4705	5647	4854	4322	3383	3856	2649	2029	1587	1945	2408	3243	1774	766	6902	6592	2255
AE	5971	5256	5281	4593	5335	4549	4063	3233	3810	2860	2103	1489	2257	2664	3142	2212	630	6804	6390	2596
AF	5929	5262	5422	4825	5217	4455	4068	3442	4137	3447	2596	1856	2917	2864	2782	2734	675	7031	6462	2934
AG	6018	5357	5530	4939	5296	4539	4164	3556	4256	3561	2715	1977	3018	2812	2668	2744	656	7144	6563	2905
AH	6161	5511	5704	5126	5426	4676	4321	3743	4459	3777	2933	2190	3221	2787	2501	2815	714	7327	6725	2920
AI	6233	5594	5813	5250	5482	4741	4408	3867	4594	3925	3080	2333	3367	2799	2387	2904	810	7448	6819	2962
AY	8789	8120	8227	7552	8061	7309	6924	6190	6744	5440	4925	4437	4601	1214	1097	2542	2293	9761	9305	1788
AJ	6334	5690	5893	5314	5589	4845	4502	3930	4641	3917	3091	2362	3336	2679	2313	2799	714	7515	6910	2844
AK	6618	5984	6204	5634	5860	5124	4799	4251	4960	4191	3389	2675	3575	2531	1981	2818	834	7835	7210	2760
AL	7244	6627	6871	6310	6465	5744	5449	4926	5635	4787	4028	3340	4114	2340	1310	2966	1325	8508	7864	2697
AM	7723	7153	7480	6976	6901	6220	6001	5598	6353	5592	4810	4091	4928	2803	924	3661	2138	9155	8416	3250
AN	7869	7307	7646	7150	7038	6367	6160	5773	6537	5794	5007	4283	5132	2940	916	3842	2342	9325	8574	3405
AO	8441	7853	8139	7593	7630	6937	6689	6209	6917	5983	5277	4615	5250	2541	259	3647	2523	9789	9107	3067
AP	9408	8750	8875	8206	8665	7922	7556	6842	7401	6077	5579	5093	5228	1628	1228	3055	2944	10417	9944	2209
AR	9399	8738	8855	8182	8660	7914	7543	6820	7373	6036	5546	5067	5185	1583	1267	3011	2922	10392	9928	2164
AS	9246	8582	8695	8020	8510	7763	7387	6658	7210	5873	5383	4904	5021	1445	1215	2861	2761	10229	9770	2029
AT	9158	8493	8604	7929	8424	7675	7297	6567	7118	5780	5288	4813	4931	1390	1187	2793	2670	10138	9680	1975
AU	9108	8442	8553	7878	8375	7626	7247	6517	7065	5732	5237	4761	4884	1363	1171	2758	2619	10087	9629	1948
AV	9040	8373	8483	7808	8308	7558	7178	6447	6999	5671	5172	4692	4826	1332	1154	2714	2549	10018	9560	1916
AW	8964	8296	8404	7727	8235	7484	7101	6366	6917	5598	5093	4611	4754	1281	1147	2652	2469	9937	9482	1864
AX	8873	8205	8312	7636	8144	7392	7009	6275	6827	5509	5003	4521	4668	1244	1128	2591	2378	9846	9390	1822
AZ	8751	8080	8181	7502	8026	7273	6884	6142	6692	5380	4870	4386	4538	1143	1160	2470	2246	9712	9262	1716
BA	8516	7848	7961	7292	7788	7036	6653	5928	6494	5228	4687	4181	4401	1196	1059	2427	2029	9503	9035	1741
BB	8524	7850	7947	7267	7805	7049	6654	5907	6458	5157	4638	4151	4320	1056	1183	2305	2012	9476	9029	1604
BC	8300	7621	7707	7023	7589	6829	6424	5664	6210	4910	4390	3905	4079	1003	1302	2129	1772	9231	8795	1501
BD	8271	7590	7673	6987	7562	6801	6393	5630	6173	4874	4352	3869	4042	989	1331	2097	1739	9196	8762	1479
BE	9193	8447	8315	7501	8601	7809	7274	6259	6558	4813	4649	4480	3907	765	3011	1442	2841	9636	9495	626
BF	9073	8328	8198	7385	8482	7690	7155	6141	6444	4708	4535	4362	3802	684	2960	1338	2727	9522	9377	507
BG	9074	8319	8148	7315	8510	7715	7157	6103	6358	4560	4454	4342	3655	968	3274	1205	2847	9429	9339	594
BH	8976	8219	8039	7203	8418	7623	7060	5996	6243	4438	4341	4241	3533	989	3304	1089	2789	9313	9232	560
BI	8914	8155	7968	7130	8361	7566	6998	5928	6168	4356	4267	4177	3452	1026	3346	1013	2758	9236	9164	559
BJ	8828	8067	7870	7028	8283	7487	6913	5833	6062	4242	4164	4089	3338	1087	3404	910	2721	9129	9068	570
BK	8724	7961	7757	6912	8185	7390	6811	5723	5945	4119	4048	3984	3215	1149	3453	797	2663	9010	8957	596
BL	8676	7912	7704	6857	8141	7345	6764	5672	5888	4058	3993	3936	3155	1182	3478	744	2642	8953	8904	617
BM	8624	7857	7635	6783	8098	7302	6713	5609	5811	3965	3920	3884	3064	1255	3545	686	2651	8871	8839	685
BN	8568	7800	7572	6717	8048	7252	6659	5549	5743	3891	3854	3829	2990	1312	3590	634	2636	8801	8777	734
BP	8510	7740	7504	6647	7995	7200	6602	5485	5670	3811	3784	3772	2910	1372	3635	586	2624	8727	8711	789
BQ	8452	7681	7439	6579	7943	7147	6546	5422	5600	3734	3717	3717	2835	1429	3678	545	2611	8654	8647	844
BR	8399	7626	7375	6512	7896	7101	6495	5363	5531	3657	3652	3666	2759	1495	3730	521	2609	8583	8585	910
BS	8280	7506	7250	6386	7782	6987	6378	5241	5404	3530	3527	3550	2631	1572	3767	445	2542	8456	8461	990
BT	8152	7370	7063	6179	7693	6901	6266	5086	5183	3246	3341	3458	2364	1982	4139	679	2716	8209	8282	1403
BU	8043	7261	6950	6065	7589	6797	6159	4975	5069	3133	3229	3354	2251	2025	4150	670	2662	8095	8170	1451

Project:
3 ALTERNATYVA - triukšmo rezultatai

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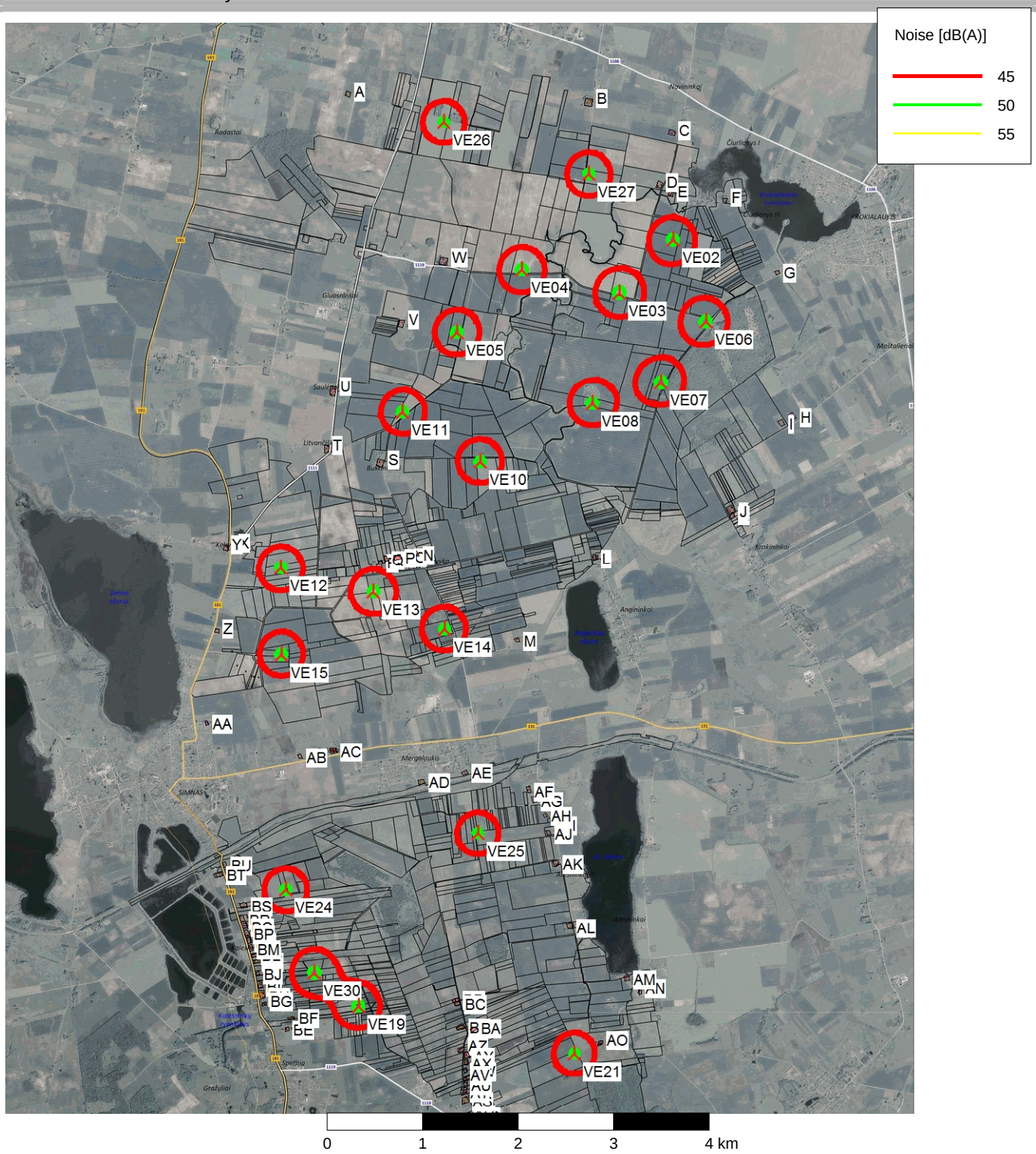
Calculated:
2021.07.26 00:07/2.9.269

DECIBEL - Map 10,0 m/s

Calculation: DECIBEL - Alytus PAV ataskaita



Map: Alytus PAV , Print scale 1:60.000, Map center Lithuanian TM LKS94-LKS94 (LT) East: 480.513 North: 6.029.447

New WTG Noise sensitive area

Noise calculation model: ISO 9613-2 General. Wind speed: 10,0 m/s
Height above sea level from active line object