

Vālodzes Run info Planota darbība R

Project info

Project title: Vālodzes
Project No.: 1
Project engineer: L.Kapina
Customer: SIA "DSG Karjeri"

Description:

Run description

Calculation type: Single Point Sound
Title: Planota darbība R
Calculation group:
Run file: RunFile.runx
Result number: 2
Local calculation (ThreadCount=4)
Calculation start: 22.12.2025 11:26:55
Calculation end: 22.12.2025 11:27:02
Calculation time: 00:05:079 [m:s:ms]
No. of points: 15
No. of calculated points: 15
Kernel version: SoundPLANnoise 9.0 (08.02.2024) - 64 bit

Run parameters

Reflection order: 3
Maximum reflection distance to receiver 200 m
Maximum reflection distance to source 50 m
Search radius 5000 m
Weighting: dB(A)
Allowed tolerance (per individual source): 0,100 dB
Create ground effect areas from road surfaces: Yes
Treat roads as terrain following: No

Standards:

Road: NMPB 96

Driving on right side

Emission according to: Guide du Bruit

Limitation of screening loss:
single/multiple 20,0 dB /25,0 dB

Side diffraction: disabled

Environment:

Air pressure 1013,3 mbar

rel. humidity 70,0 %

Temperature 10,0 °C

Fixed favorable / homogeneous percentage pFav(7-19h)[%]=50,0; pFav(19-23h)[%]=75,0; pFav(23-7h)[%]=100,0;

Dissection parameters:

Distance to diameter factor 8

Minimal distance 1 m

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Max. difference ground effect + diffraction	1,0 dB
Max. number of iterations	4
Attenuation	
Foliage:	No attenuation
Built-up area:	No attenuation
Industrial site:	No attenuation
Industry:	CNOSSOS-EU: 2021/2015
Air absorption:	ISO 9613-1
Limitation of screening loss:	
single/multiple	25,0 dB /25,0 dB
Side diffraction: enabled	
Environment:	
Air pressure	1013,3 mbar
rel. humidity	80,0 %
Temperature	6,4 °C
Fixed favorable / homogeneous percentage pFav(7-19h)[%]=50,0; pFav(19-23h)[%]=75,0; pFav(23-7h)[%]=100,0;	
Dissection parameters:	
Distance to diameter factor	8
Minimal distance	1 m
Max. difference ground effect + diffraction	1,0 dB
Max. number of iterations	4
Attenuation	
Foliage:	User defined
Built-up area:	User defined
Industrial site:	User defined
Assessment:	Lden (EU)
Reflection of "own" facade is suppressed	

Geometry data

Planota darbība R.sit	22.12.2025 10:08:48
- contains:	
Aprekina laukums.geo	02.12.2025 11:18:54
Atradnes.geo	02.12.2025 10:43:04
Buves.geo	22.12.2025 10:08:46
leguves laukums.geo	02.12.2025 12:54:54
OSM_Ground effects.geo	02.12.2025 12:45:40
Uztvereji.geo	22.12.2025 11:14:04
Valodzes - tehnikas vienibas.geo	22.12.2025 11:24:50
RDGM0001.dgm	02.12.2025 11:16:30

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