

Gren

Run info

gala 1 paredzetais rupnieciskais SP

Project info

Project title: Gren
Project No.:
Project engineer: M. Bataitis
Customer:

Description:

Run description

Calculation type: Single Point Sound
Title: gala 1 paredzetais rupnieciskais SP
Calculation group
Run file: RunFile.runx
Result number: 38
Local calculation (ThreadCount=12)
Calculation start: 08.10.2025 16:11:42
Calculation end: 08.10.2025 16:11:45
Calculation time: 00:00:994 [m:s:ms]
No. of points: 8
No. of calculated points: 8
Kernel version: SoundPLANnoise 9.0 (05.06.2024) - 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 source group): 0,100 dB
Create ground effect areas from road surfaces: No
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

Vides eksperti, Ganibu dambis 24D-25, LV-1005 Riga, Latvia

1

Gren Run info gala 1 paredzetais rupnieciskais SP

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	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
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

02 Paredzeta situacija (rupnieciskais).sit	08.10.2025 14:07:56
- contains:	
00 Aprekinu laukums.geo	16.06.2025 18:27:56
00 Kadastra robezas.geo	13.06.2025 13:34:18
01 Ekas.geo	17.09.2025 13:27:42
01 Uztvereji.geo	28.08.2025 08:26:56
02 Ieksejie celi.geo	08.10.2025 13:58:28
02 Rupnicas ekas.geo	26.09.2025 15:09:56
02 TEC2 troksnis.geo	13.08.2025 16:55:30
03 Dzesetaji A versija.geo	26.09.2025 13:53:16
RDGM0001.dgm	12.06.2025 11:51:40

Vides eksperti, Ganibu dambis 24D-25, LV-1005 Riga, Latvia