

# Vālodzes Run info Summara situacija 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: Summara situacija R  
Calculation group:  
Run file: RunFile.runx  
Result number: 7  
Local calculation (ThreadCount=4)  
Calculation start: 23.12.2025 00:04:14  
Calculation end: 23.12.2025 00:04:44  
Calculation time: 00:26:967 [m:s:ms]  
No. of points: 16  
No. of calculated points: 16  
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

|                                                    |                     |
|----------------------------------------------------|---------------------|
| Summara situacija R.sit                            | 22.12.2025 14:37:14 |
| - 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 |
| Foreles - tehnikas vienibas.geo                    | 22.12.2025 14:04:54 |
| leguves laukums.geo                                | 02.12.2025 12:54:54 |
| Pavuli, Pavuli2020 - tehnikas vienibas.geo         | 22.12.2025 14:04:54 |
| Pavulkalni, Pavulkalni2020 - tehnikas vienibas.geo | 22.12.2025 14:04:54 |
| Uztvereji.geo                                      | 22.12.2025 14:37:12 |
| Valodzes - tehnikas vienibas.geo                   | 23.12.2025 00:04:00 |
| RDGM0001.dgm                                       | 02.12.2025 11:16:30 |

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