

Noise Mapping Results

Report

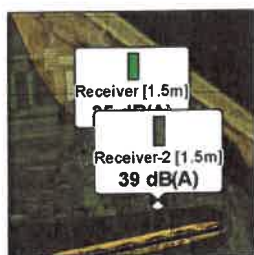
10/25/2023

Muntean Calin
O = SC VEST MEDICAL IMPACT SRL
27/10/2023 12:37:13 UTC+02
Locatie: Timisoara

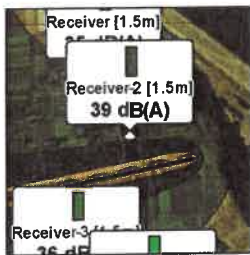
Model Overview



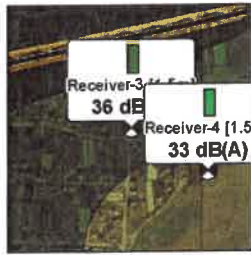
Receiver Locations



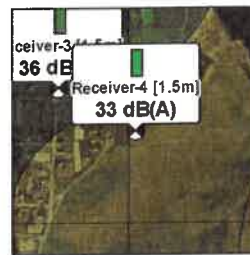
Receiver



Receiver-2



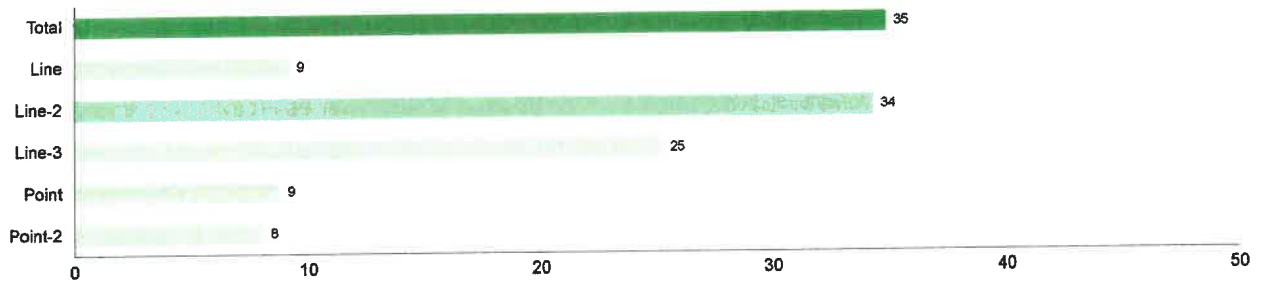
Receiver-3



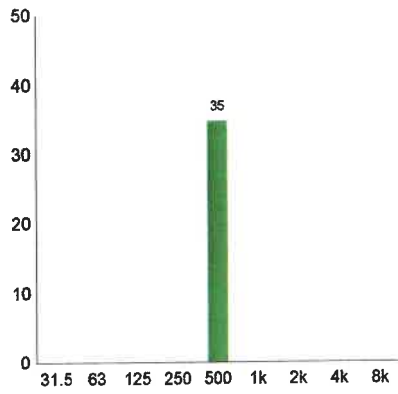
Receiver-4

Receiver

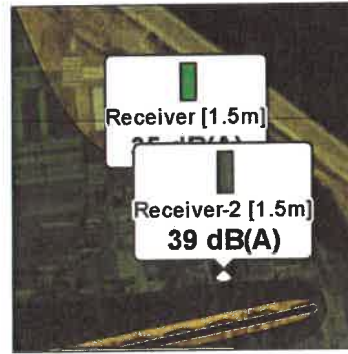
Receiver - Analysis of Sources Chart dB(A)



Receiver - Spectrum dB(A)

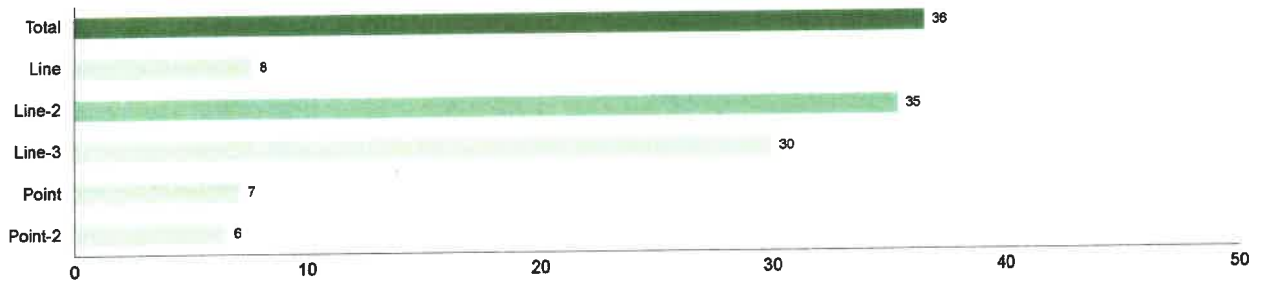


Location

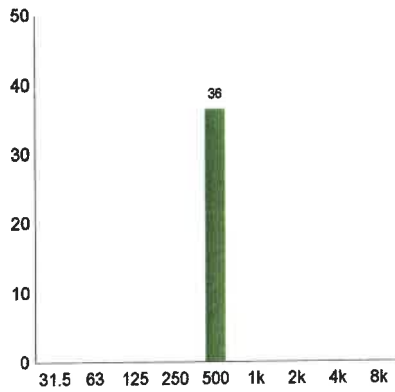


Receiver-3

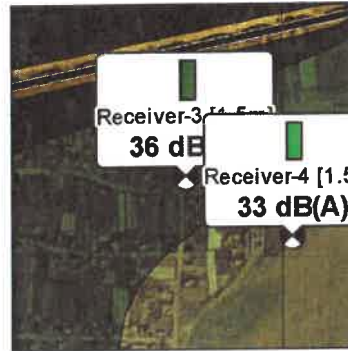
Receiver-3 - Analysis of Sources Chart dB(A)



Receiver-3 - Spectrum dB(A)



Location



Configuration

Hard Ground (Ground Factor = 0)

20.0°C Temperature

70% Humidity

Results are A-weighted

Results are rounded to 0 decimal places

Second order reflections are included

Reflections are only considered at a distance of 1m or greater from a reflector (facade level)

ISO9613-2 barrier attenuation limit (20/25dB) is enabled

Vertical edges (lateral paths) are included

Limited to convex paths

Following ISO17534-3 recommendation 5.2

Ground reflections are screened (original ISO9613-2 method)

References

ISO 9613-1:1993 — Attenuation of sound during propagation outdoors — Part 1: Calculation of the absorption of sound by the atmosphere

ISO 9613-2:1996 — Attenuation of sound during propagation outdoors — Part 2: General method of calculation

ISO/TR 17534-3:2015 — Acoustics — Software for the calculation of sound outdoors — Part 3: Recommendations for quality assured implementation of ISO 9613-2 in software according to ISO 17534-1. Quality Assurance and Test Cases:
<https://dbmap.net/iso17534results>