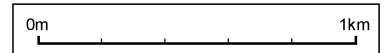
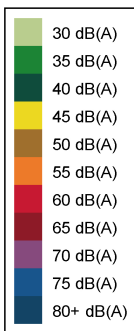


Noise Mapping Results

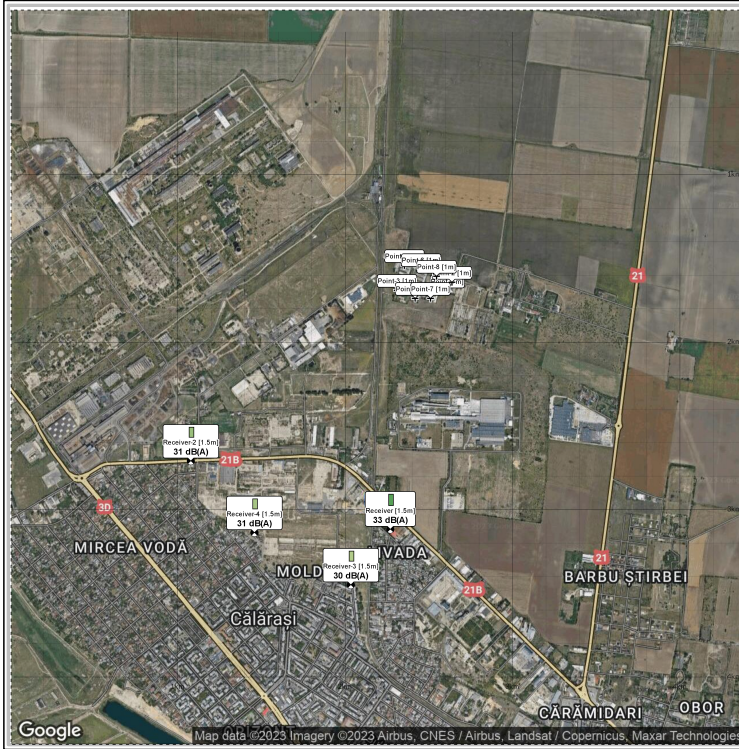
Report

10/27/2023

Noise Map - Noise map height 1.5m (A-weighted)



Model Overview



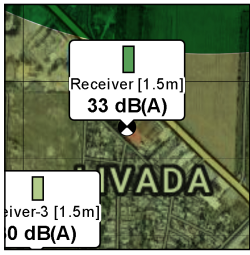
Receiver Results - Summary

| Receiver Name | Height (m) | Total dB(A) | 31.5Hz | 63Hz | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz | 8kHz |
|---------------|------------|-------------|--------|------|-------|-------|-------|------|------|------|------|
| Receiver | 2 | 33 | | | | | 33 | | | | |
| Receiver-2 | 2 | 31 | | | | | 31 | | | | |
| Receiver-3 | 2 | 30 | | | | | 30 | | | | |
| Receiver-4 | 2 | 31 | | | | | 31 | | | | |

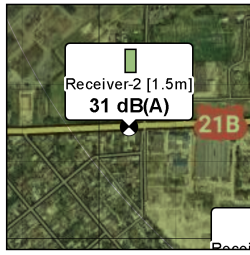
Sources

| Source Name | Height (m) | Total dB | 31.5Hz | 63Hz | 125Hz | 250Hz | 500Hz | 1kHz | 2kHz | 4kHz | 8kHz |
|-------------|------------|----------|--------|------|-------|-------|-------|------|------|------|------|
| Point | 1 | 100 | | | | | 100 | | | | |
| Point-2 | 1 | 100 | | | | | 100 | | | | |
| Point-3 | 1 | 100 | | | | | 100 | | | | |
| Point-4 | 1 | 100 | | | | | 100 | | | | |
| Point-5 | 1 | 100 | | | | | 100 | | | | |
| Point-6 | 1 | 100 | | | | | 100 | | | | |
| Point-7 | 1 | 100 | | | | | 100 | | | | |
| Point-8 | 1 | 100 | | | | | 100 | | | | |

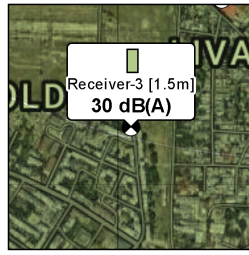
Receiver Locations



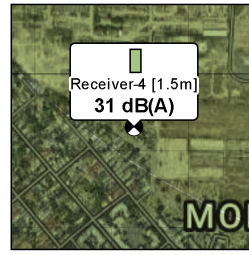
Receiver



Receiver-2



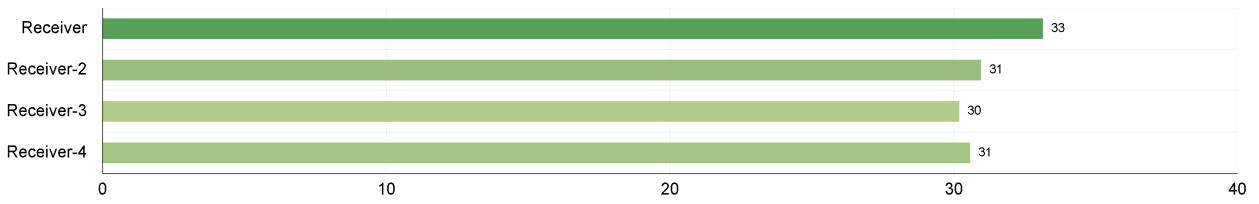
Receiver-3



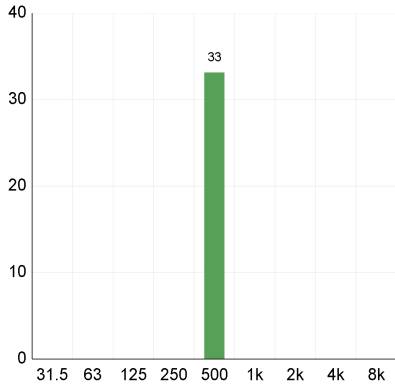
Receiver-4

Receiver Charts

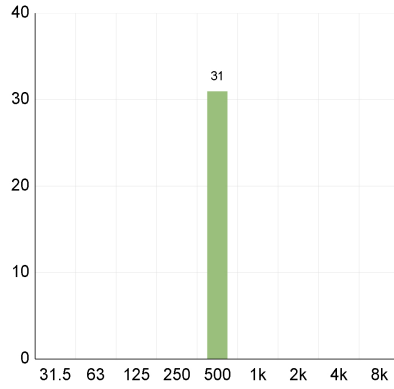
Receiver Results Chart dB(A)



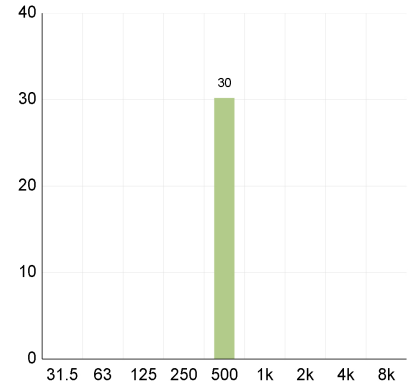
Receiver - Spectrum dB(A)



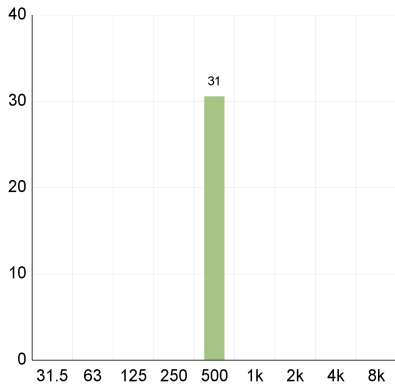
Receiver-2 - Spectrum dB(A)



Receiver-3 - Spectrum dB(A)

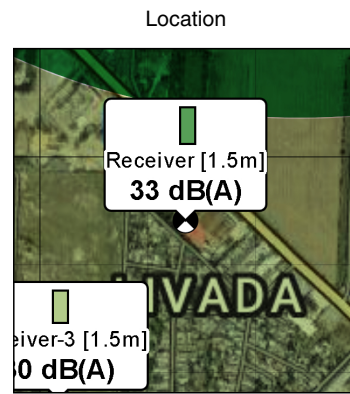
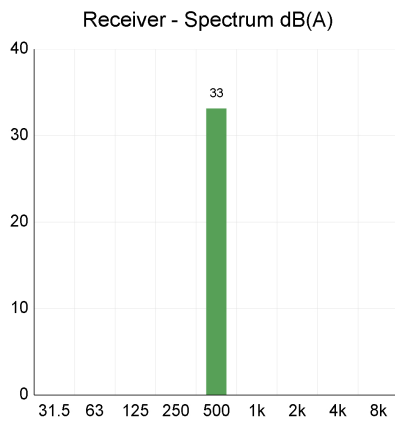
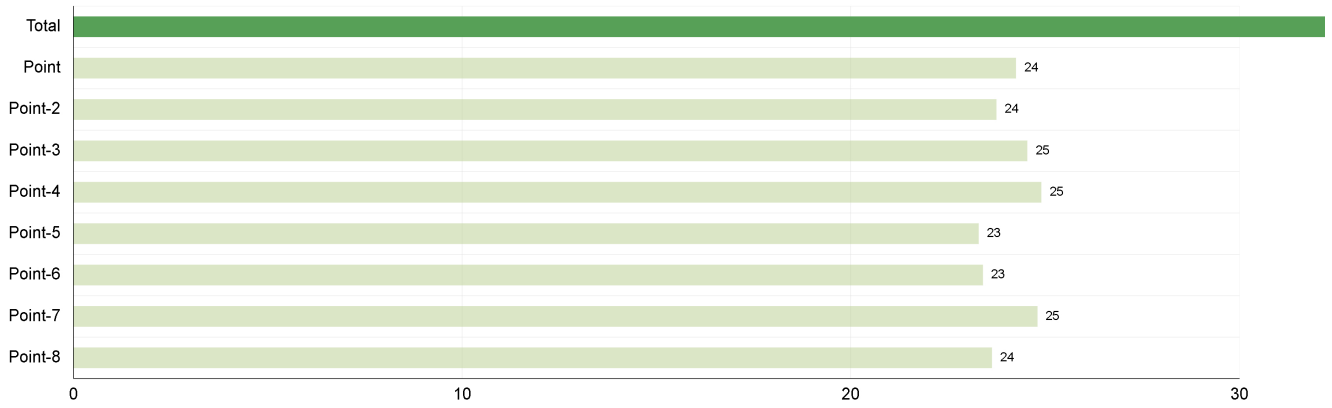


Receiver-4 - Spectrum dB(A)



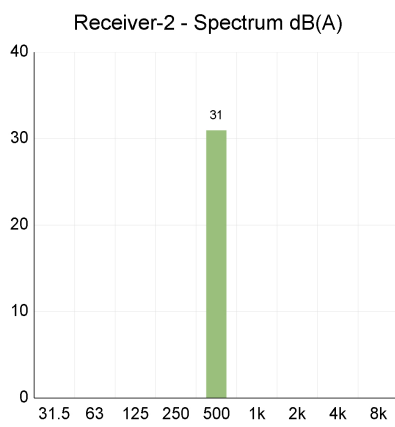
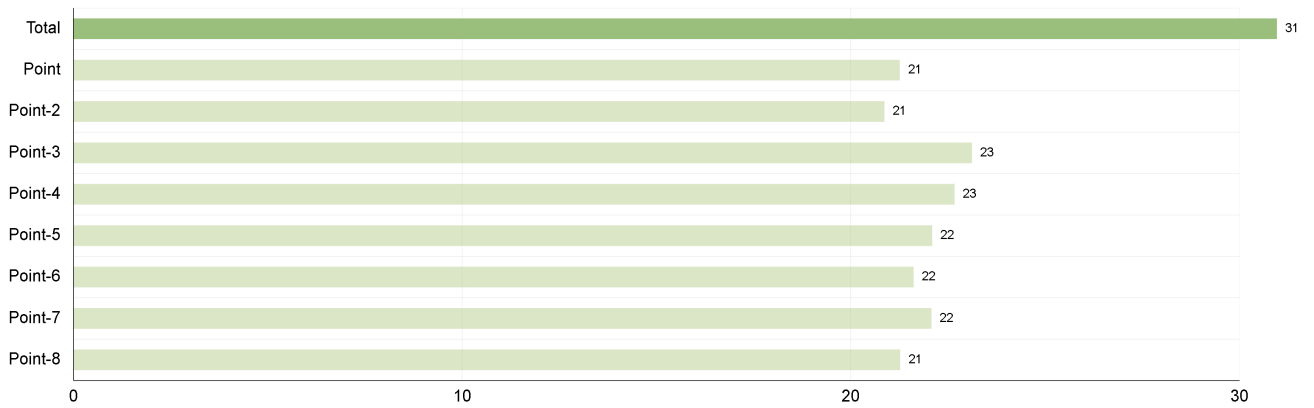
Receiver

Receiver - Analysis of Sources Chart dB(A)



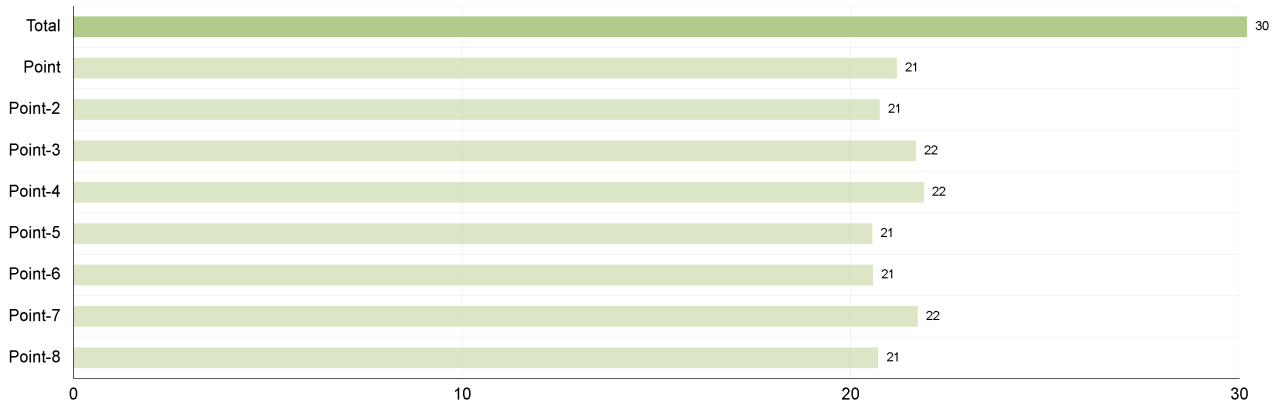
Receiver-2

Receiver-2 - Analysis of Sources Chart dB(A)

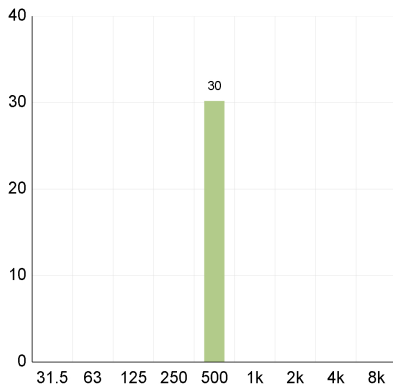


Receiver-3

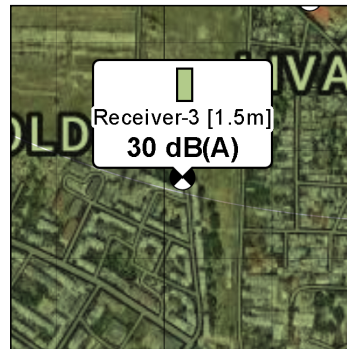
Receiver-3 - Analysis of Sources Chart dB(A)



Receiver-3 - Spectrum dB(A)

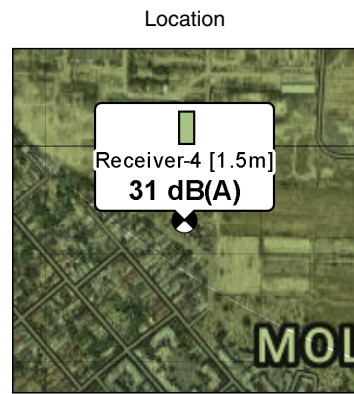
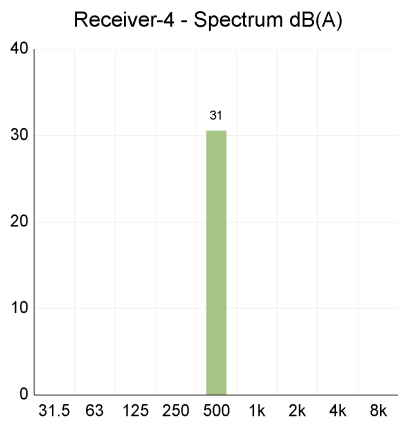
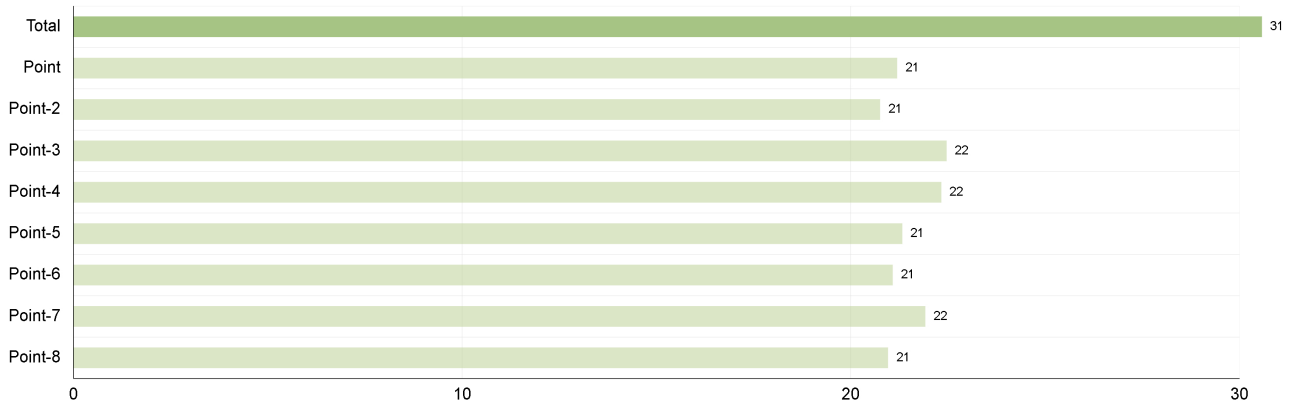


Location



Receiver-4

Receiver-4 - Analysis of Sources Chart dB(A)



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>