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MEASUREMENT OF SPEECH LEVEL REDUCTION

1 CLIENT

Narbutas International UAB, Vygantas Verbilis. Tender May 16, order June 2, 2022.

2 DESCRIPTION OF THE COMMISSION

Speech level reduction $D_{S,A}$ [dB] was measured for SILENT ROOM S within 125-8000 Hz according to ISO 23351-1:2020.

3 RESULTS

The speech level reduction $D_{S,A}$ was **23.3 dB** according to ISO 23351-1:2020. The results are presented in detail in Annex 1. The result corresponds to Class **C** according to ISO 23351-1 Annex D.

4 SIGNATURES

Handwritten signature of Valtteri Hongisto.

Valtteri Hongisto
Research Group Leader

Handwritten signature of Jukka Keränen.

Jukka Keränen
Specialized Research Scientist

Turku University of Applied Sciences
Acoustics Laboratory

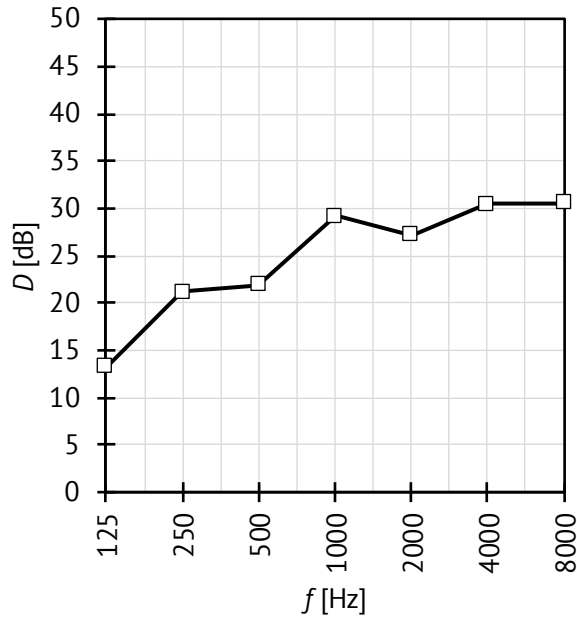
ANNEXES

1. Test results (1 page)
2. Structure drawings (1 page)
3. Mounting of specimen (1 page)
4. Measurement arrangements (2 pages)

Determination of speech level reduction according to ISO 23351-1:2020

Product: SILENT ROOM S
 Operating condition: Normal use, ventilation on
 Manufacturer: Narbutas International UAB, Vilnius, Lithuania.
 Test laboratory: Turku University of Applied Sciences, Acoustics Laboratory
 //akustiikka.turkuamk.fi
 Name of the operator: Jukka Keränen (specialized research scientist)
 Test date: June 7, 2022

<i>f</i> [Hz]	<i>D</i> [dB]
125	13.2
250	21.2
500	22.0
1000	29.2
2000	27.2
4000	30.5
8000	30.6
<i>D</i>_{S,A} [dB]	23.3
Class	C



f [Hz] is the 1/1-octave frequency band
D [dB] is the level reduction
*D*_{S,A} [dB] is the speech level reduction



Jukka Keränen
 spec. research scientist
 test performer