

Vygantas Verbilis
Narbutas International, UAB
Ukmerges st. 308
12110 Vilnius, Lithuania
vygantas.verbilis@narbutas.lt



MEASUREMENT OF SPEECH LEVEL REDUCTION OF A PHONE BOOTH

1 CLIENT

Narbutas International UAB, Vygantas Verbilis. Tender October 22, order October 24, 2022.

2 DESCRIPTION OF THE COMMISSION

Speech level reduction $D_{S,A}$ [dB] was measured for Silent Room M (with soft seating) within 125-8000 Hz according to ISO 23351-1:2020.

3 RESULTS

The speech level reduction $D_{S,A}$ was 21.6 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

A handwritten signature in blue ink, appearing to read 'V. Hongisto'.

Valtteri Hongisto
Research Group Leader

A handwritten signature in blue ink, appearing to read 'R. Alakoivu'.

Reijo Alakoivu
Research Engineer

Turku University of Applied Sciences
Acoustics Laboratory

ANNEXES

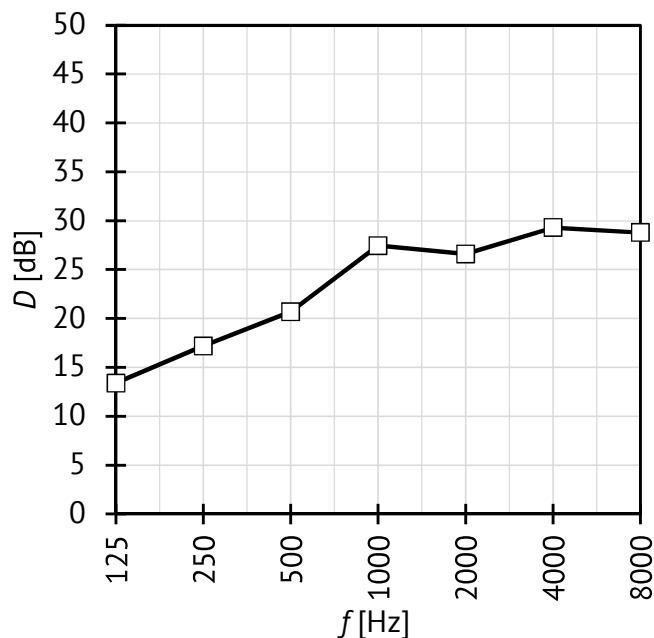
1. Test results (1 page)
2. Structure drawings (1 page)
3. Mounting of specimen (1 page)
4. Measurement arrangements (2 pages)

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

Product: Silent Room M (with soft seating)
Operating condition: Normal use, ventilation on (half power)
Manufacturer: Narbutas International UAB, Vilnius, Lithuania.
Test laboratory: Turku University of Applied Sciences, Acoustics Laboratory
//akustiikka.turkuamk.fi
Name of the operator: Reijo Alakoivu (research engineer)
Test date: 22.11.2022 / Day, month, year

f [Hz]	D [dB]
125	13,4
250	17,2
500	20,7
1000	27,5
2000	26,6
4000	29,3
8000	28,8
$D_{S,A}$ [dB]	21,6
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



R. Alakoivu

Reijo Alakoivu
research engineer
test performer

Structure drawings

Silent Room M

