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## MEASUREMENT OF SPEECH LEVEL REDUCTION OF A PHONE BOOTH

### 1 CLIENT

Narbutas International UAB, Vygantas Verbilis. Tender August 23, order August 26, 2024.

### 2 DESCRIPTION OF THE COMMISSION

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

### 3 RESULTS

The speech level reduction  $D_{S,A}$  was 27.6 dB according to ISO 23351-1:2020. The results are presented in detail in Annex 1. The result corresponds to Class **B** according to ISO 23351-1 Annex D.

### 4 SIGNATURES

A blue ink signature of Valtteri Hongisto.

Valtteri Hongisto  
Research Group Leader

A blue ink signature of Johann Laukka.

Johann Laukka  
Researcher

Turku University of Applied Sciences  
Acoustics Laboratory

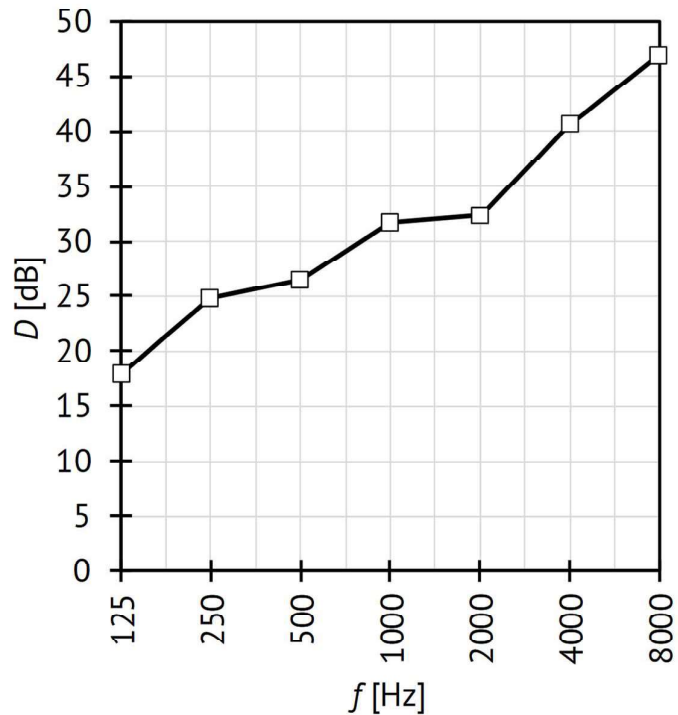
### ANNEXES

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: Sonus S with glass back wall  
 Operating condition: Normal use  
 Manufacturer: Narbutas International UAB, Vilnius, Lithuania.  
 Test laboratory: Turku University of Applied Sciences, Acoustics Laboratory  
 //akustiikka.turkuamk.fi  
 Name of the operator: Johann Laukka (Researcher)  
 Test date: 10.09.2024 / Month, day, year

$f$ [Hz]	$D$ [dB]
125	18.1
250	24.8
500	26.6
1000	31.7
2000	32.4
4000	40.7
8000	46.9
$D_{S,A}$ [dB]	27.6
<b>Class</b>	<b>B</b>



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



Johann Laukka  
 Researcher  
 test performer

Class	A+	A	B	C	D	Unclassified
$D_{S,A}$ [dB]	>33	>30	>25	>20	>15	≤15