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## DETERMINATION OF SPEECH LEVEL REDUCTION OF A PHONE BOOTH

### 1 CLIENT

Framery Oy, Kalle Mäkinen, tender 21.12.2020, order 11.1.2021.

### 2 PURPOSE

Speech level reduction,  $D_{S,A}$  [dB], was measured for Framery One according to ISO 23351-1:2020 in a reverberation room.

### 3 RESULTS

Speech level reduction  $D_{S,A}$  of Framery One was 30.8 dB. The results are presented in detail in Annex 1.

### 4 SIGNATURES



Jukka Keränen  
Specialized Research Scientist



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Research Group Leader

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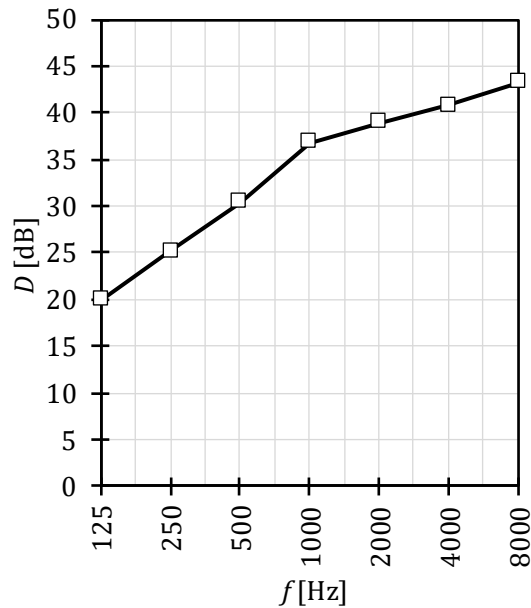
### ANNEXES

1. Measurement results (2 pages)
2. Installation of the specimen (1 page)
3. Measurement arrangements (2 pages)

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

Product: Framery one  
 Operating condition: normal use  
 Manufacturer: Framery Oy, Patamäenkatu 7, Finland  
 Test laboratory: Framery Oy, Patamäenkatu 7, Finland  
 Accreditation status: Not accredited  
 Name of the operator: Jukka Keränen (Specialized research scientist)  
 Test date: January, 20, 2021

$f$ [Hz]	$D$ [dB]
125	19.9
250	25.2
500	30.4
1000	36.8
2000	38.9
4000	40.8
8000	43.2
<b><math>D_{SA}</math> [dB]</b>	<b>30.8</b>



$f$  [Hz] is the 1/1-octave frequency band

$D$  [dB] is the level reduction

$D_{SA}$  [dB] is the speech level reduction