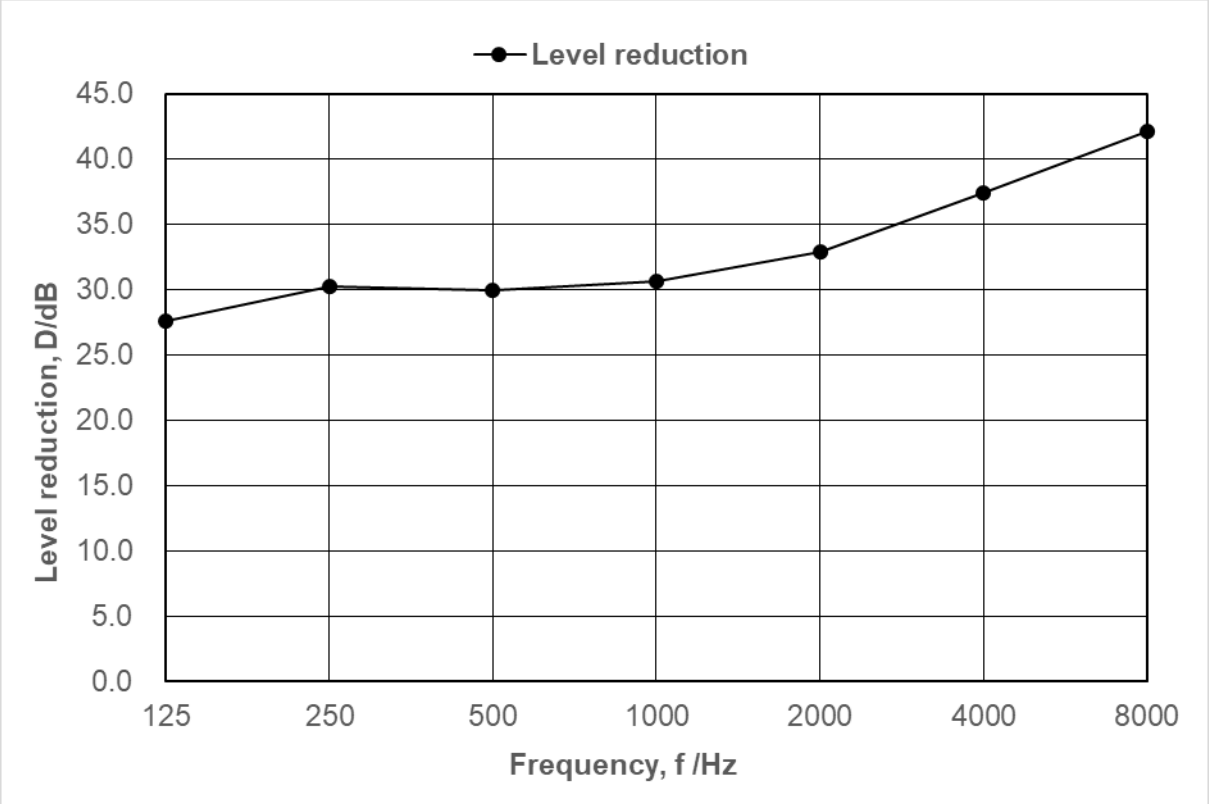
3. Test results

Volume Reverberation Room	**201m³**	**Date**	**21.04.2025**
Temperature	**22°C**	**RH**	**63%**
		Wind	**0 m/s**
Description of Test Arrangement	**The sample is installed on-site by the client in the reverberation room test area. The door of the specimen is opened and closed repeatedly for ten times and test without further adjustment.**		

Frequency f / Hz	125	250	500	1000	2000	4000	8000
Speech Level Reduction D / dB	27.6	30.3	29.9	30.6	32.8	37.4	42.2
Speech Level Reduction $D_{S,A}$ / dB	**30.4**						
Class	**A**						



Note:

1. The measurements are made in accordance with ISO 23351-1:2020.
2. The results are only valid for the tested specimen configuration, Changes in size, geometry or materials can lead to significant changes in reported results.
3. This declaration of conformity is only based on the result of this laboratory actrvity, the impact of the uncertainty of the results was not included.
4. The table below gives a general classification for enclosures that can be used voluntarily in the selection of appropriate enclosures, Class A+, A B, c and D produce acceptable speech privacy if the background noise level of the room is at least 27dB, 30dB, 35dB, 40dB and 45dB L_{Aeq}, respectively. In other words, the lower is the background noise the higher is the target value for $D_{S,A}$. If the enclosure is used in various rooms, the class should be chosen according to the room where the background noise level is the lowest.

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

Test picture

4. Test equipment list

Name	Type	Serial Nr.	Manufacturer	Calibration Period of validity until
Sound meter	XL2＋M2230	EC-JB-009-1	NTI	13/08/2025
Calibrator	CAL200	EC-JB-009-3	NTI	13/08/2025
Sound source	DS3-1	EC-JB-009-2	NTI	13/08/2025

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