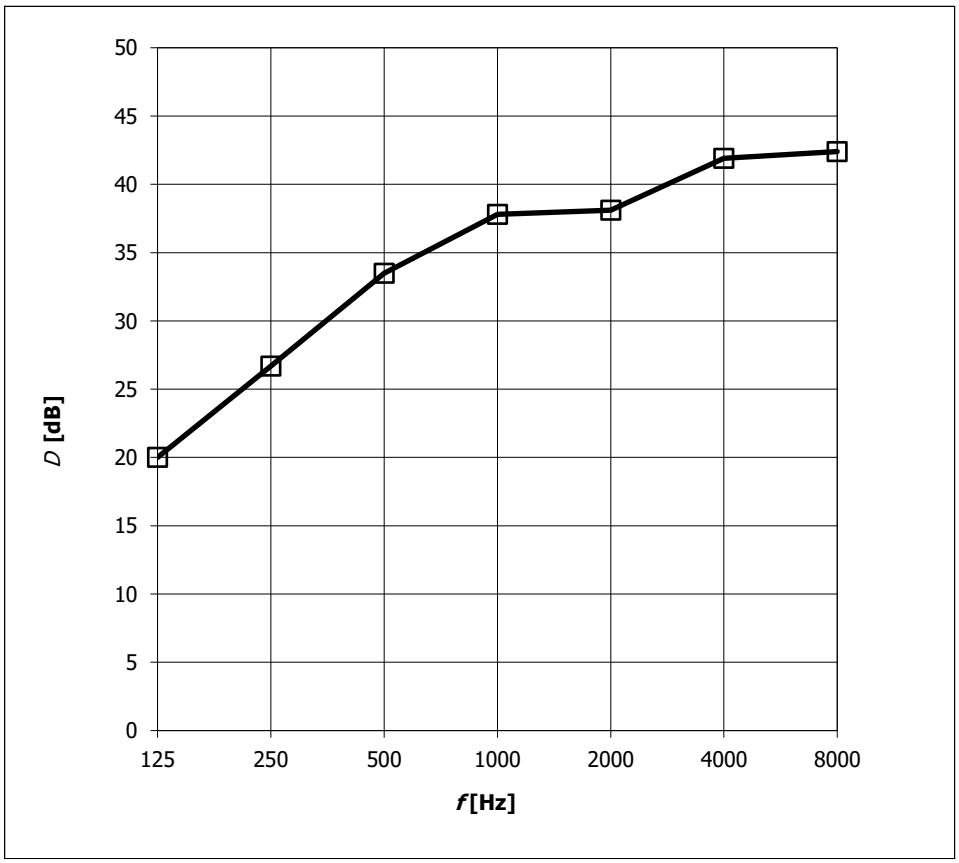
Speech level reduction $D_{S,A}$ (field measurement)

Product:	Octacell 2X1 (version 2/2022)
Manufacturer:	Octacell Oy, Finland
Test date:	11.2.2022
Test organization:	Helimaki Acoustics, Sitowise Oy, Finland
Operator(s):	Olli Santala (D.Sc., Tech)
Mic. positions:	6 positions
Sound source height:	1,55 m (standing occupant)
Temperature:	21°C
Static pressure:	101 kPa (approx.)
Relative humidity:	20 %

f [Hz]	*D* [dB]
125	20,0
250	26,7
500	33,5
1000	37,8
2000	38,1
4000	41,9
8000	42,4



Determination of speech level reduction applying the methods of ISO 23351-1:2020 for field testing

Speech level reduction $D_{S,A}$ (field) 33,1 dB

Calculated based on one-third octave band field measurements.

The results are only valid for the tested specimen configuration. Changes in size, geometry, or materials may lead to significant changes in reported results.