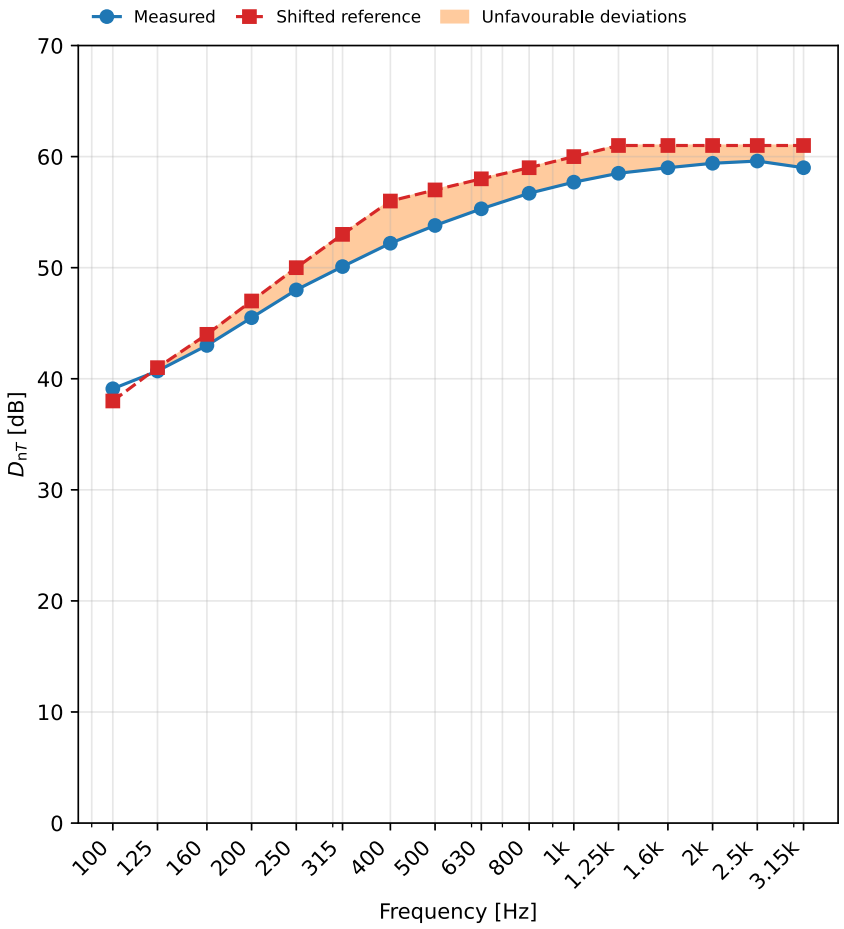
Field airborne sound insulation between rooms

Standardized level difference D_{nT} measured in accordance with ISO 16283-1:2014 (field measurement). Rating per ISO 717-1:2020.

Client:	Example client	Sample area S [m²]:	12.5
Description:	Separating wall, 240 mm brick with independent lining	Test room:	Dwelling A living room to dwelling B living room
Date of test:	2026-07-20	Source room volume [m³]:	32.1
Receiving room volume [m³]:	30.4	Temperature [°C]:	20.4
Relative humidity [%]:	52		

One-third-octave D_{nT} [dB]

Frequency f [Hz]	D_{nT} [dB]
100	39.1
125	40.7
160	43.0
200	45.5
250	48.0
315	50.1
400	52.2
500	53.8
630	55.3
800	56.7
1000	57.7
1250	58.5
1600	59.0
2000	59.4
2500	59.6
3150	59.0



$D_{nT,w}$ (C; C_{tr}) = **57 (-2; -5) dB**

Evaluation based on field measurement using results obtained by an engineering method.

Result vs requirement: $D_{nT,w}$ = 57 dB, required ≥ 50 dB → **PASS**

Laboratory: Phonometry reference example
Report no.: EXAMPLE-16283-1
Date: 2026-07-20
Operator: phonometry Signature: _____

■ The results relate only to the tested specimen.

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