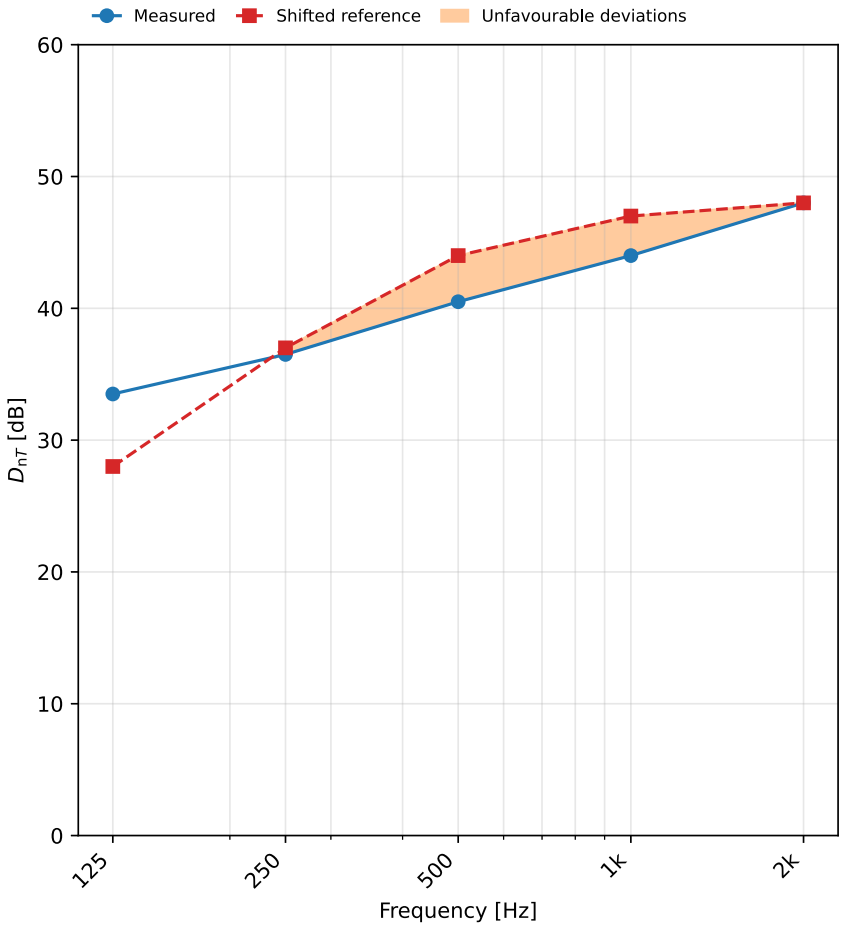
Field airborne sound insulation between rooms

Standardized level difference D_{nT} measured in accordance with ISO 10052:2021 (survey method, octave bands). Rating per ISO 717-1:2020.

Client:	Example client	Sample area S [m²]:	12
Description:	Separating wall between dwellings (survey method)	Test room:	Dwelling A living room to dwelling B living room
Date of test:	2026-07-22	Receiving room volume [m³]:	50

Octave-band D_{nT} [dB]

Frequency f [Hz]	D_{nT} [dB]
125	33.5
250	36.5
500	40.5
1000	44.0
2000	48.0



$D_{nT,w}$ (C; C_{tr}) = **44 (-1; -3) dB**

Evaluation based on the ISO 10052 survey (control) method (octave bands, a single hand-held sound level meter swept through the room).

Result vs requirement: $D_{nT,w}$ = 44 dB, required ≥ 40 dB → **PASS**

Laboratory: Phonometry reference example
Report no.: EXAMPLE-10052-AIRBORNE
Date: 2026-07-22
Notes: Survey-method airborne sound insulation DnT (ISO 10052:2021).
Operator: phonometry Signature: _____

■ The results relate only to the tested specimen.

Generated by phonometry.