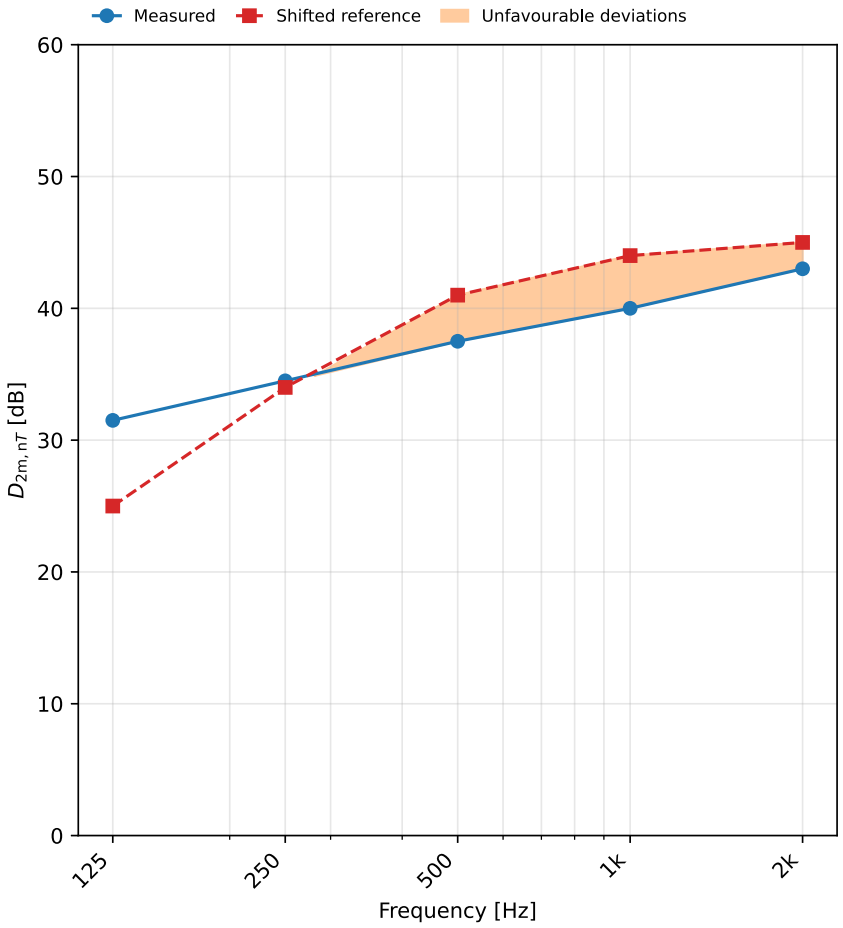
Field facade sound insulation

Standardized facade level difference $D_{2m,nT}$ measured in accordance with ISO 10052:2021 (survey method, octave bands). Rating per ISO 717-1:2020.

Client:	Example client	Description:	Dwelling facade with a double-glazed window (survey method)
Test room:	Dwelling bedroom facing a residential street	Date of test:	2026-07-22
Receiving room volume [m^3]:	40		

Octave-band $D_{2m,nT}$ [dB]

Frequency f [Hz]	$D_{2m,nT}$ [dB]
125	31.5
250	34.5
500	37.5
1000	40.0
2000	43.0



$D_{2m,nT,w}$ (C; C_{tr}) = **41 (-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: $D_{2m,nT,w}$ = 41 dB, required ≥ 33 dB → **PASS**

Laboratory: Phonometry reference example
Report no.: EXAMPLE-10052-FACADE
Date: 2026-07-22
Notes: Survey-method facade sound insulation D2m,nT (ISO 10052:2021).
Operator: phonometry Signature: _____

■ The results relate only to the tested specimen.

Generated by phonometry.