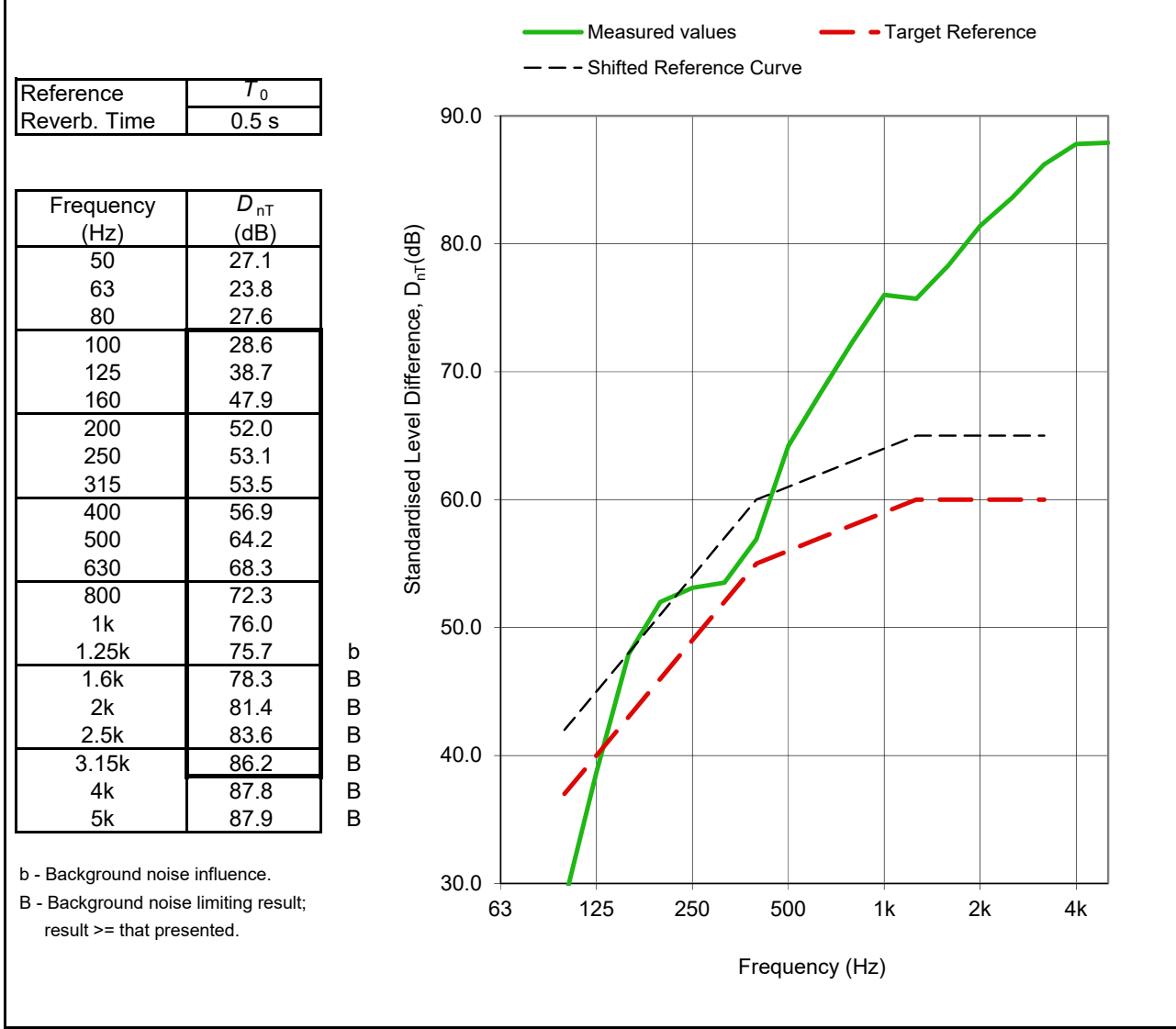


Figure 2: Standardised level difference according to BS EN ISO 140-4:1998

Field measurements of Airborne sound insulation between rooms

Client: Fraser / Livingstone Architects Ltd	Source room: Plot 3 living/kitchen/dining, 1st floor
Site: Simon Court	Source room volume: ~ 52 m ³
Edinburgh	Receiving room: Plot 6 bedroom 2, 2nd floor
Test Date: 14/04/22	Receiving room volume: ~ 36 m ³
Test Partition: Floor	Area of test element: ~ 16 m ²
Construction: 22 mm chipboard flooring, underfloor heating system on timber straps fixed to DECKfon Batten 70 resilient batten system, incorporating 25 mm Rockwool RWA45 (45 kg/m ³) between the battens, 150 mm CLT Panel (5 layers C24 R60, 520 kg/m ³), metal frame ceiling suspended with AMC Akustik 1 + Sylomer30 Type B M6 Acoustic ceiling hangers, providing a 107 mm cavity incorporating 50 mm Rockwool RWA45 (45 kg/m ³) and finished with two layers of 12.5 mm Gyproc Soundbloc.	Notes: ANC certificate No: 1197449002



<p>$D_{nT,w} (C_1; C_{tr})$ 61 (-5; -13) dB</p> <p>Rating Calculated According to BS EN ISO 717:2013</p> <p>Evaluation based on one-third octave band field measurement results.</p>		<p>0345 062 0000</p> <p>rmp@napier.ac.uk</p> <p>www.rmp.biz</p>
Report: R-8719A-CL-RRM	Test Institute: Robin Mackenzie Partnership	
Date: 10/05/22	Signature:	