

## Standardized level difference according to ISO 140-4

### Field measurements of airborne sound insulation between rooms

Client: SSPK Szczecin

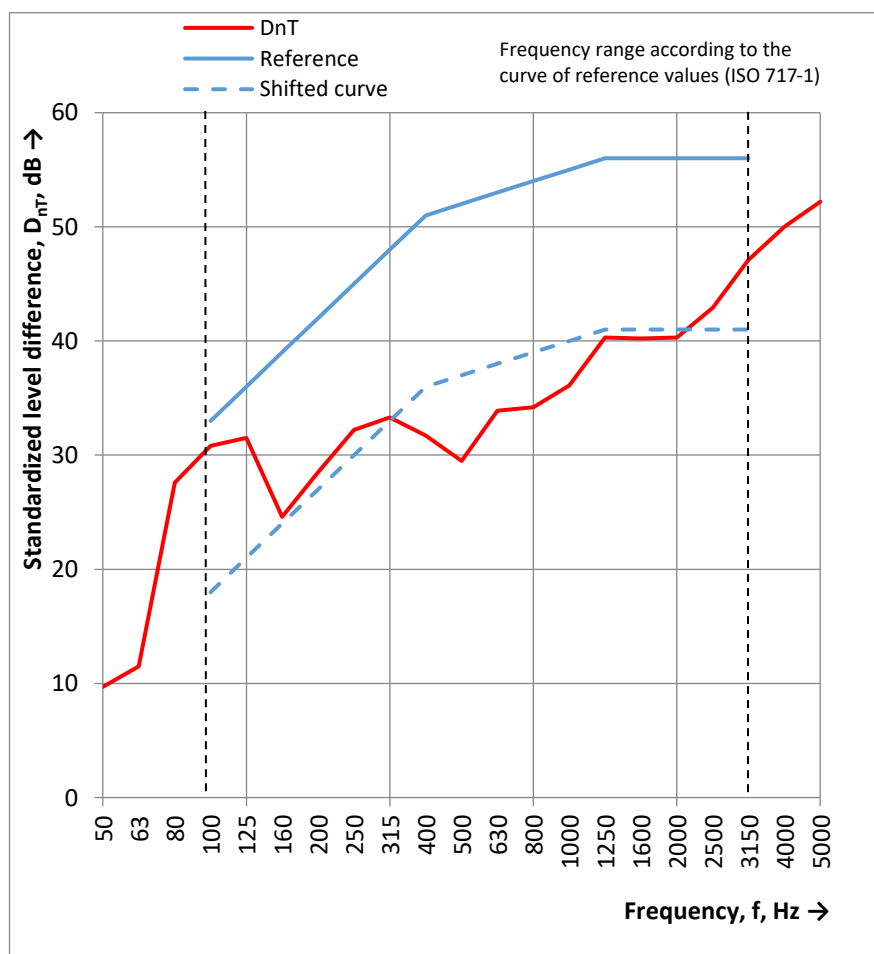
Date of test: 13.07.2023

Znormalizowana różnica poziomów dźwięku pomiędzy korytarzem a gabinetem 119.

Source room volume: 75.0 m<sup>3</sup>

Receiving room volume: 39.8 m<sup>3</sup>

Frequency f Hz	D <sub>nT</sub> (one-third octave) dB
50	9,7
63	11,5
80	27,6
100	30,8
125	31,5
160	24,6
200	28,5
250	32,2
315	33,3
400	31,7
500	29,5
630	33,9
800	34,2
1000	36,1
1250	40,3
1600	40,2
2000	40,3
2500	42,9
3150	47,1
4000	50,0
5000	52,2



Rating according to ISO 717-1

D<sub>nT,w</sub> (C; C<sub>tr</sub>) = 37 (-1; -3) dB

C<sub>50-3150</sub> = -1 dB

C<sub>50-5000</sub> = -1 dB

C<sub>100-5000</sub> = 0 dB

Evaluation based on field measurement results obtained by an engineering method

C<sub>tr,50-3150</sub> = -7 dB

C<sub>tr,50-5000</sub> = -7 dB

C<sub>tr,100-5000</sub> = -3 dB

No. of test report:

Name of test institute: Akustyka Pro

Date:

Signature: dr Krzysztof Leo