

Standardized level difference according to ISO 140-4

Field measurements of airborne sound insulation between rooms

Client: SSPK Szczecin

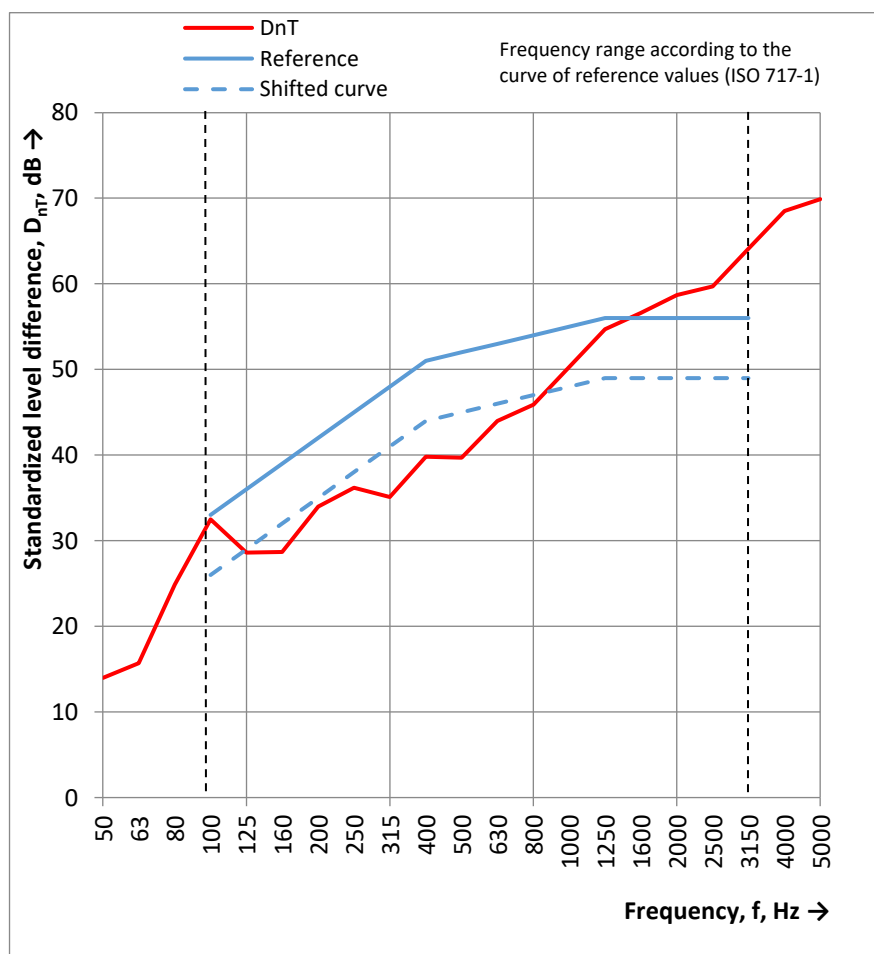
Date of test: 13.07.2023

Znormalizowana różnica poziomu dźwięku pomiędzy gabinetem 219 i 119 (przez strop)

Source room volume: 75.0 m³

Receiving room volume: 39.8 m³

Frequency f Hz	D _{nT} (one-third octave) dB
50	14,0
63	15,7
80	24,9
100	32,5
125	28,6
160	28,7
200	34,0
250	36,2
315	35,1
400	39,8
500	39,7
630	44,0
800	45,9
1000	50,3
1250	54,7
1600	56,6
2000	58,7
2500	59,7
3150	64,1
4000	68,5
5000	69,9



Rating according to ISO 717-1

D_{nT,w} (C; C_{tr}) = 45 (-1; -5) dB

C₅₀₋₃₁₅₀ = -2 dB

C₅₀₋₅₀₀₀ = -1 dB

C₁₀₀₋₅₀₀₀ = 0 dB

Evaluation based on field measurement
results obtained by an engineering method

C_{tr,50-3150} = -11 dB

C_{tr,50-5000} = -11 dB

C_{tr,100-5000} = -5 dB

No. of test report:

Name of test institute: Akustyka - Pro

Date:

Signature: dr Krzysztof Leo