

Figure 2. The airborne sound transmission-loss,(TL) and the STC rating of the THAICON wall panel.

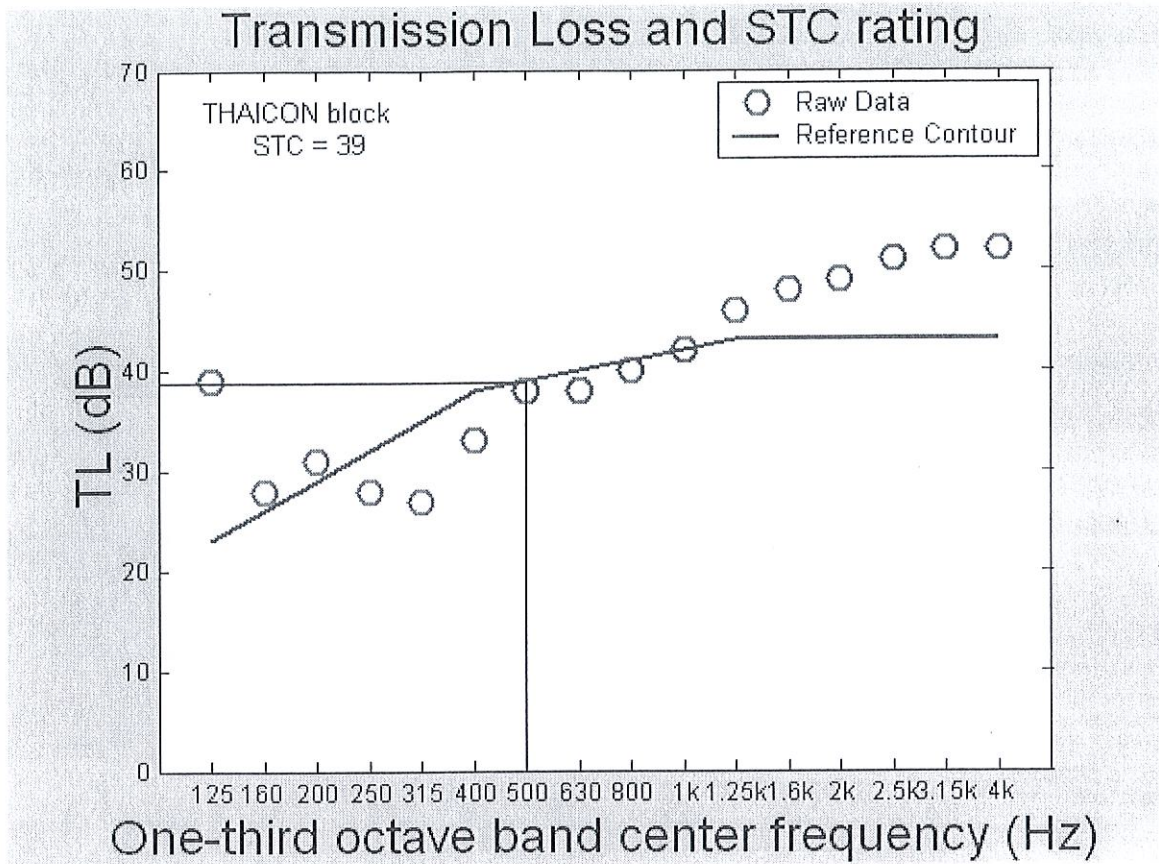


Table 1. The airborne sound transmission-loss (TL) for each individual 1/3 octave band center frequency and STC rating of the THAICON wall panel.

Frequency (Hz)	TL (dB)
125	39
160	28
200	31
250	28
315	27
400	33
500	38
630	38
800	40
1 k	42
1.25 k	46
1.6 k	48
2 k	49
2.5 k	51
3.15 k	52
4 k	52

STC	39
Maximum Deficiency	8 dB
Sum of Deficiency	21 dB

Figure 2. The airborne sound transmission-loss (TL) and the STC rating of test panel.

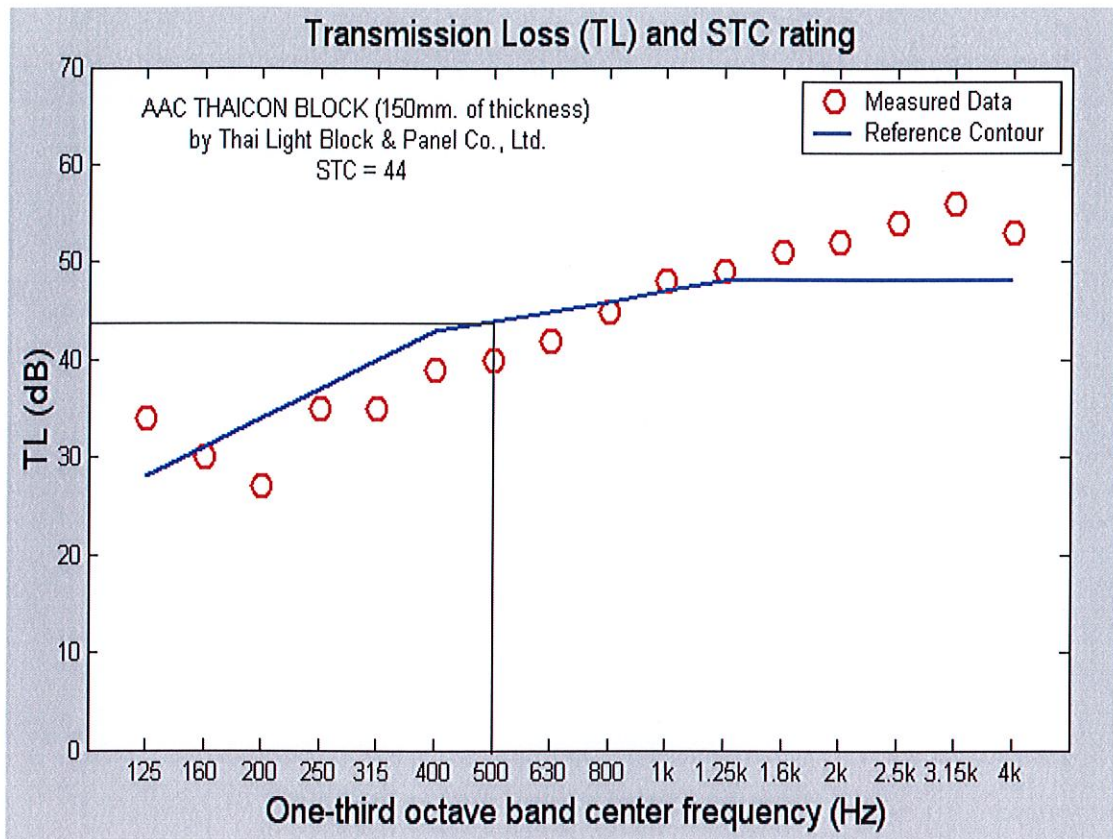


Table 1. The airborne sound transmission-loss (TL) for each individual 1/3 octave band center frequency and STC rating of test panel.

Test panel: *AAC THAICON BLOCK* (150 cm thickness).
 Client: Thai Light Block & Panel Co., Ltd.
 Date of test: 26 January 2018.
 Test area: 304 cm x 244 cm.
 Temperature: 27°C
 Relative humidity: 70%

Frequency (Hz)	TL (dB)
125	34
160	30
200	27
250	35
315	35
400	39
500	40
630	42
800	45
1000	48
1250	49
1600	51
2000	52
2500	54
3150	55
4000	53

STC 44
 Maximum Deficiency 7 dB
 Sum of Deficiency 27 dB

