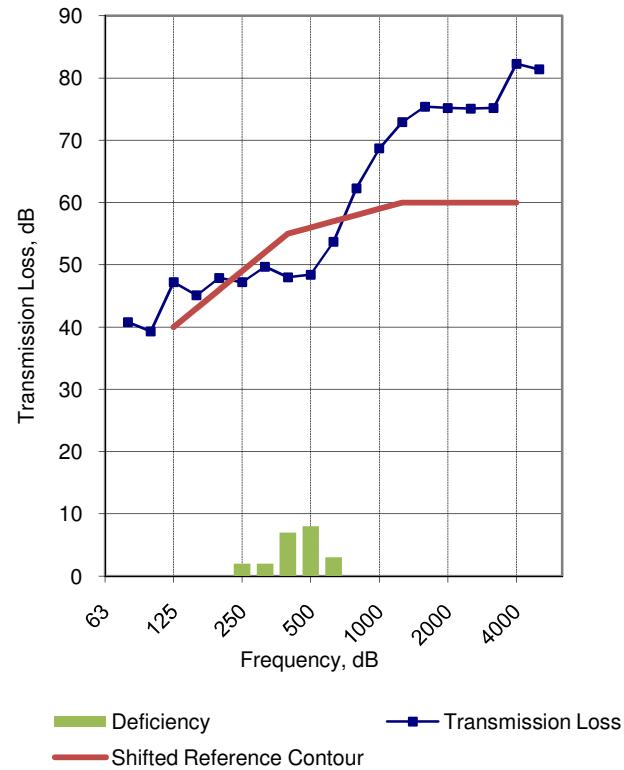


CALCULATION OF SINGLE-NUMBER RATING ACCORDING TO STANDARD ASTM E 413 (2004)

Frequency [Hz]	TL [dB]
63	
80	40,8
100	39,3
125	47,2
160	45,1
200	47,9
250	47,2
315	49,7
400	48
500	48,4
630	53,7
800	62,3
1000	68,7
1250	72,9
1600	75,4
2000	75,2
2500	75,1
3150	75,2
4000	82,3
5000	81,4
6300	

TEST RESULTS
 Manufacturer NUDURA
 Model Wall 6" + 1 layer of gypsun one side
 + without PSE other side
 Date 23/08/2010
 Test method ASTM E90
 Test number /5

STC 56



The single-number rating STC - Sound Transmission Class - is computed according to standard ASTM E413-04. It is given by the value of the shifted reference contour at 500 Hz. Only one-third octaves from 125 to 4000 Hz are taken into account. The reference curve is shifted by 1 dB increment until the sum of the deficiencies is less than or equal to 32 dB; and the maximum deficiency at any one frequency does not exceed 8 dB.