

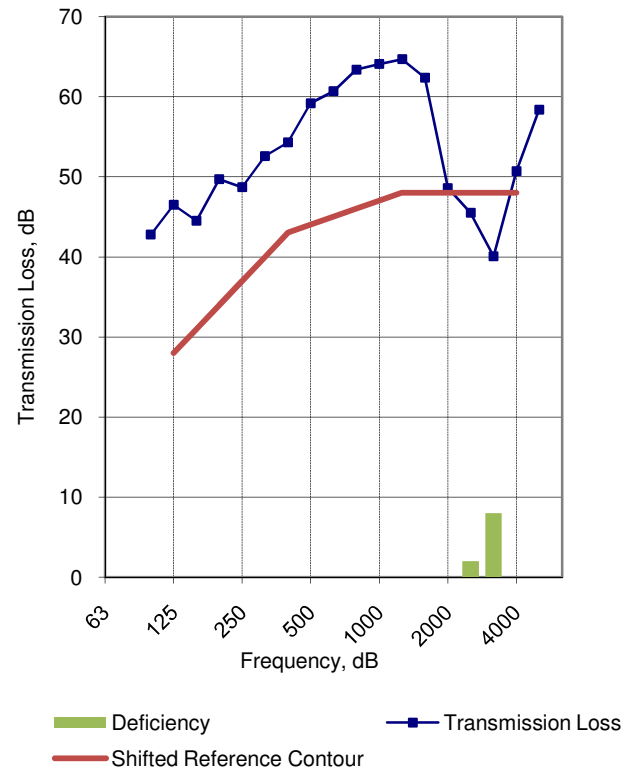
## CALCULATION OF SINGLE-NUMBER RATING ACCORDING TO STANDARD ASTM E 413 (2004)

Frequency [Hz]	TL [dB]
63	
80	
100	42,8
125	46,5
160	44,5
200	49,7
250	48,7
315	52,6
400	54,3
500	59,2
630	60,7
800	63,4
1000	64,1
1250	64,7
1600	62,4
2000	48,6
2500	45,5
3150	40,1
4000	50,7
5000	58,4
6300	

**TEST RESULTS**

Manufacturer NUDURA  
 Model Bare wall 6"  
 Date 17/08/2010  
 Test method ASTM E90  
 Test number /1

**STC** 44



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.