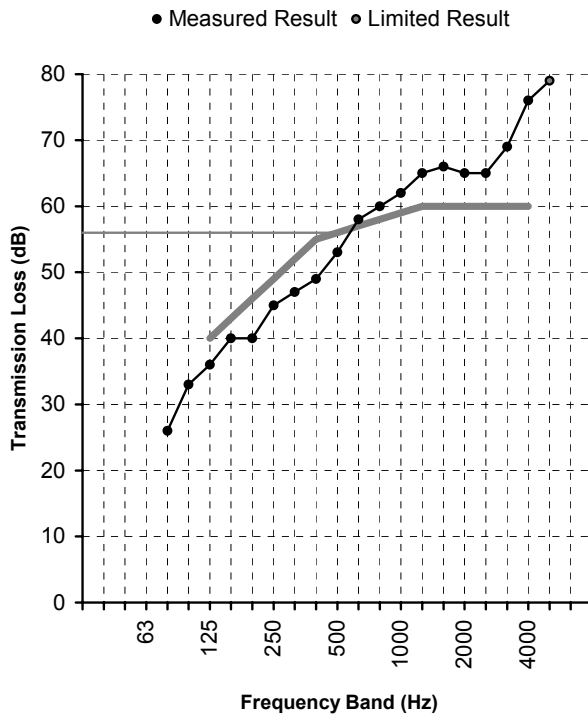




Test Date May 16, 2007 **Method** ASTM Standard E90
Specimen Interior Floor Ceiling Assembly

Single Number Rating
STC = 56



Freq. (Hz)	TL (dB)	Def. (dB)
80	26	
100	33	
125	36	4
160	40	3
200	40	6
250	45	4
315	47	5
400	49	6
500	53	3
630	58	-
800	60	-
1000	62	-
1250	65	-
1600	66	-
2000	65	-
2500	65	-
3150	69	-
4000	76	-
5000	79*	-
Total Deficiencies		31

* Estimate of lower limit

Assembly Elements (listed in order from source room side to reciever room side)

- 0.5" Carpet, 63 oz. loop-pile
- 0.5" Rebond carpet pad
- 0.413" (10.5mm) USRR Privacy Ultimate Underlay
- 0.75" (3/4") tongue and groove plywood ; 1.625" screw @ 12" O.C.
- 18" wood web truss @ 16" O.C.
- 5" (R19) glass fiber batts
- resilient channel @ 24" O.C.; 1.625" screw @ 16" O.C.
- 0.625" (5/8") type X gypsum board; 1.625" screw @ 12" O.C.



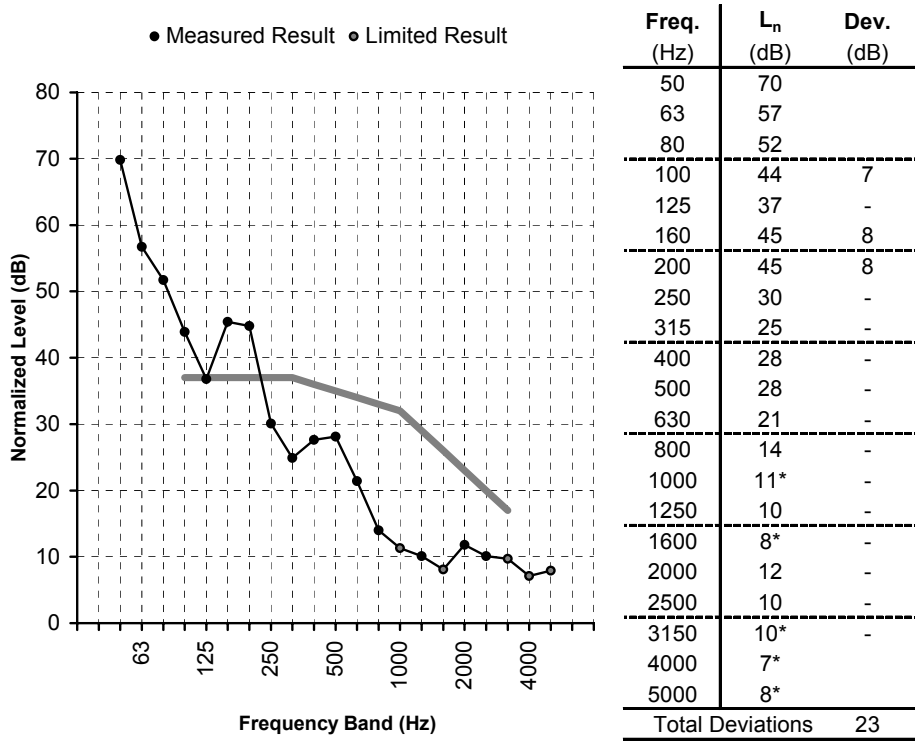


Test Date May 16, 2007

Method ASTM Standard E492

Specimen Interior Floor Ceiling Assembly

Single Number Rating
IIC = 75



* Limited by noise

Assembly Elements (listed in order from source room side to receiver room side)

- 0.5" Carpet, 63 oz. loop-pile
- 0.5" Rebond carpet pad
- 0.413" (10.5mm) USRR Privacy Ultimate Underlay
- 0.75" (3/4") tongue and groove plywood ; 1.625" screw @ 12" O.C.
- 18" wood web truss @ 16" O.C.
- 5" (R19) glass fiber batts
- resilient channel @ 24" O.C.; 1.625" screw @ 16" O.C.
- 0.625" (5/8") type X gypsum board; 1.625" screw @ 12" O.C.

