Unofficial Test Results & Preliminary Data Sheet

Riverbank Acoustical Laboratories (RAL)™ / An Alion Science Technical Center (RALVer 15.2)

Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions ASTM E 90-09/NVLAP 08/P06

Test Number: TL18-592 Test Date: 2018-10-09

Sponsor: dB Sound Control

Designation: .6 lb. ethylene vinyl acetate mass loaded vinyl

Dimensions: 1.23 m x 2.44 m x 0.00 m Test Conducted By: Dean Victor

Area: 3.00 m² Test Interface: 1.3.1

Weight: 8.73 kg Area Weight: 2.91 kg/m²

Specimen Details:

Source Room: Room 2 Volume: 178.3 m³ Surface Area: 192.0 m²

Receive Room: Room 3 Volume: 131.5 m³ Surface Area: 174.8 m²

Freq (Hz)	TL (dB)	Precision (dB)	Deficiencies (dB)
31.5	10	0.822821	
40	11	0.69	
50	8	1.22	
63	5	0.68	
80	5	0.79	
100	13	0.63	
125	11	0.51	
160	12	0.49	
200	12	0.36	
250	13	0.34	2
315	15	0.19	3
400	16	0.28	5
500	18	0.16	4
630	19	0.16	4
800	21	0.21	3
1000	22	0.09	3
1250	24	0.10	2
1600	26	0.11	
2000	27	0.09	
2500	29	0.11	
3150	30	0.05	
4000	32	0.08	
5000	34	0.08	
6300	36	0.11	
8000	38	0.14	
10000	39	0.14	
12500	41	0.21	

Sound Transmission Coefficient (STC): 22

Total Deficiencies: 26

OITC: 17

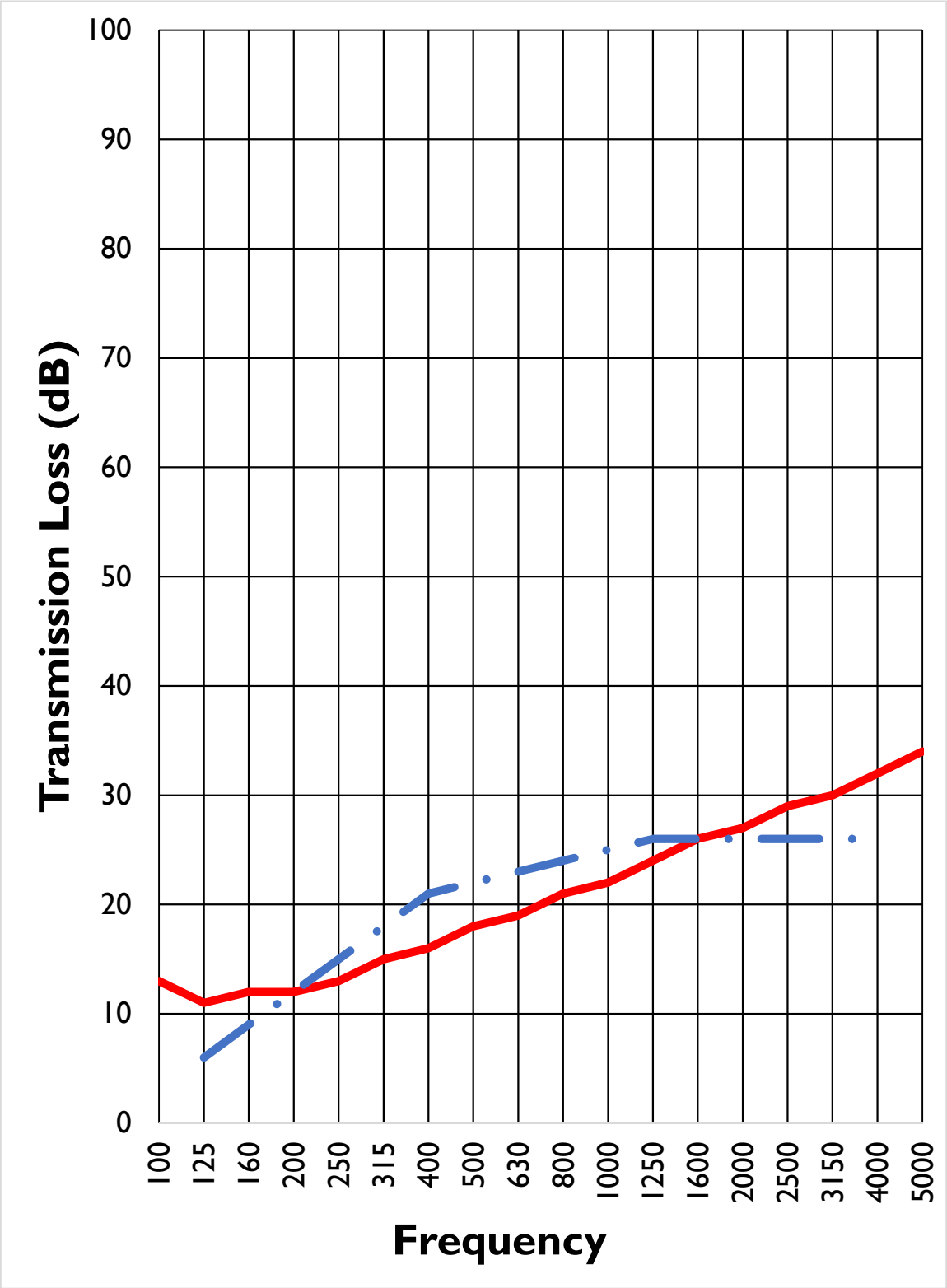
Calculation Date: 2018-10-09

Calculated By: Dean Victor

This single report page and accompanying graph contain the instantaneous raw data as provided to the client after testing of the specimen. This data, although accurate, is incomplete without the full specimen description, mounting details and signature pages. The full report referenced by the RAL test number above should be consulted for further information regarding these results.

SOUND TRANSMISSION RESULTS

TL18-592



STC = 22

TOTAL DEFICIENCIES = 26