

Unofficial Test Results & Preliminary Data Sheet

Page 1 of 2

Riverbank Acoustical Laboratories (RAL)™

Laboratory Measurement of Airborne Sound Transmission Loss per ASTM E-90

Test Number: TL26-004

Test Date: 2026-01-09

Sponsor: Smart Glass Group

Designation: PriWatt Switchable Laminated Glass 1/2" QT

Dimensions: 0.91 m x 2.13 m x 0.01 m

Area: 1.93 m²

Weight: 49.67 kg

Test Conducted By: Keith Kimberling

Test Interface: 1.3.3

Area Weight: 25.71 kg/m²

Specimen Details:

Source Room: Room 2

Volume: 178.3 m³

Surface Area: 192.0 m²

Receive Room: Room 3

Volume: 131.0 m³

Surface Area: 174.8 m²

Freq (Hz)	TL (dB)	Precision (dB)	Deficiencies (dB)
31.5	7	1.44	
40	12	0.64	
50	16	1.36	
63	17	2.42	
80	19	0.93	
100	28	0.68	
125	30	0.51	
160	31	0.73	
200	31	0.43	
250	31	0.42	
315	32	0.33	1
400	32	0.35	4
500	34	0.29	3
630	36	0.18	2
800	38	0.19	1
1000	39	0.16	1
1250	41	0.16	
1600	41	0.16	
2000	40	0.13	1
2500	33	0.10	8
3150	35	0.12	6
4000	40	0.17	1
5000	45	0.20	
6300	47	0.31	
8000	50	0.54	
10000	51	0.62	
12500	51	0.63	

Sound Transmission Class (STC): 37

Total Deficiencies: 28

OITC: 33

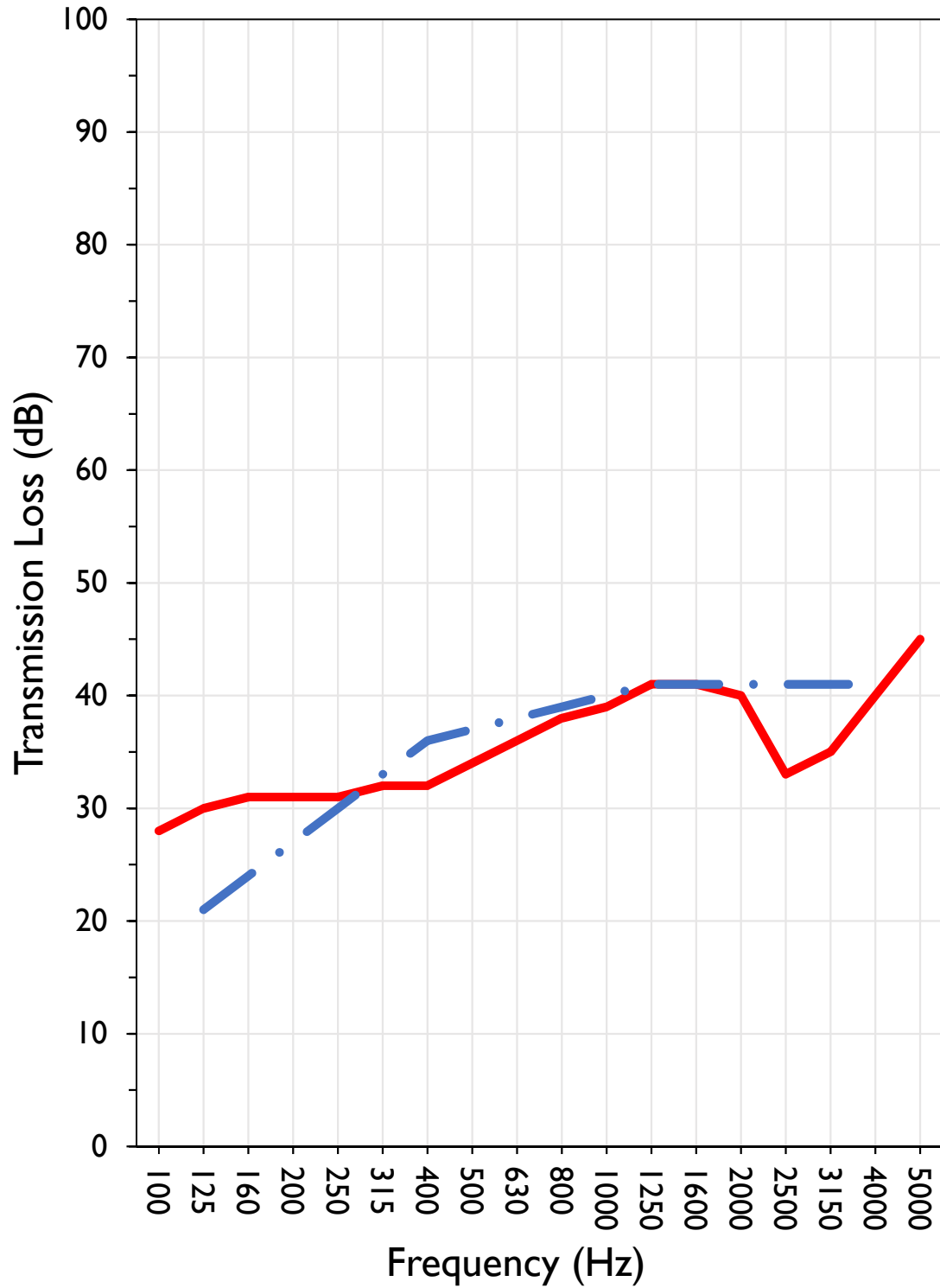
Calculation Date: 2026-01-09

Calculated By: Keith Kimberling

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

PriWatt Switchable Laminated Glass 1/2" QT

TL26-004**STC = 37**

TOTAL DEFICIENCIES = 28