



Riverbank Acoustical Laboratories (RAL)TM / An Alion Science Technical Center (RALVer 10.1)
 Sound Absorption and Sound Absorption Coefficients
 by the Reverberation Room Method ASTM C 423-09/NVLAP 08/P03

TEST NUMBER: A11-013

CLIENT: AcoustiMac
 DESIGNATION: DMD/ACM -422 Acoustic Panels (on 2in. Spacers)
 DIMENSIONS: 96" x 96" x 2.375"
 AREA: 64.0 ft²
 WEIGHT: 67.25 lbs AREA WEIGHT: 1.05 lbs/ft²
 MOUNTING: F EDGE SEAL: Unsealed
 SPECIMEN DETAILS: 8@ 24" x 48" x 2.375"

TEST ROOM DETAILS: Room 0 Volume = 10311 ft³ Area = 2864.3 ft²
 FILE NAME: A11_013_110126_A.doc

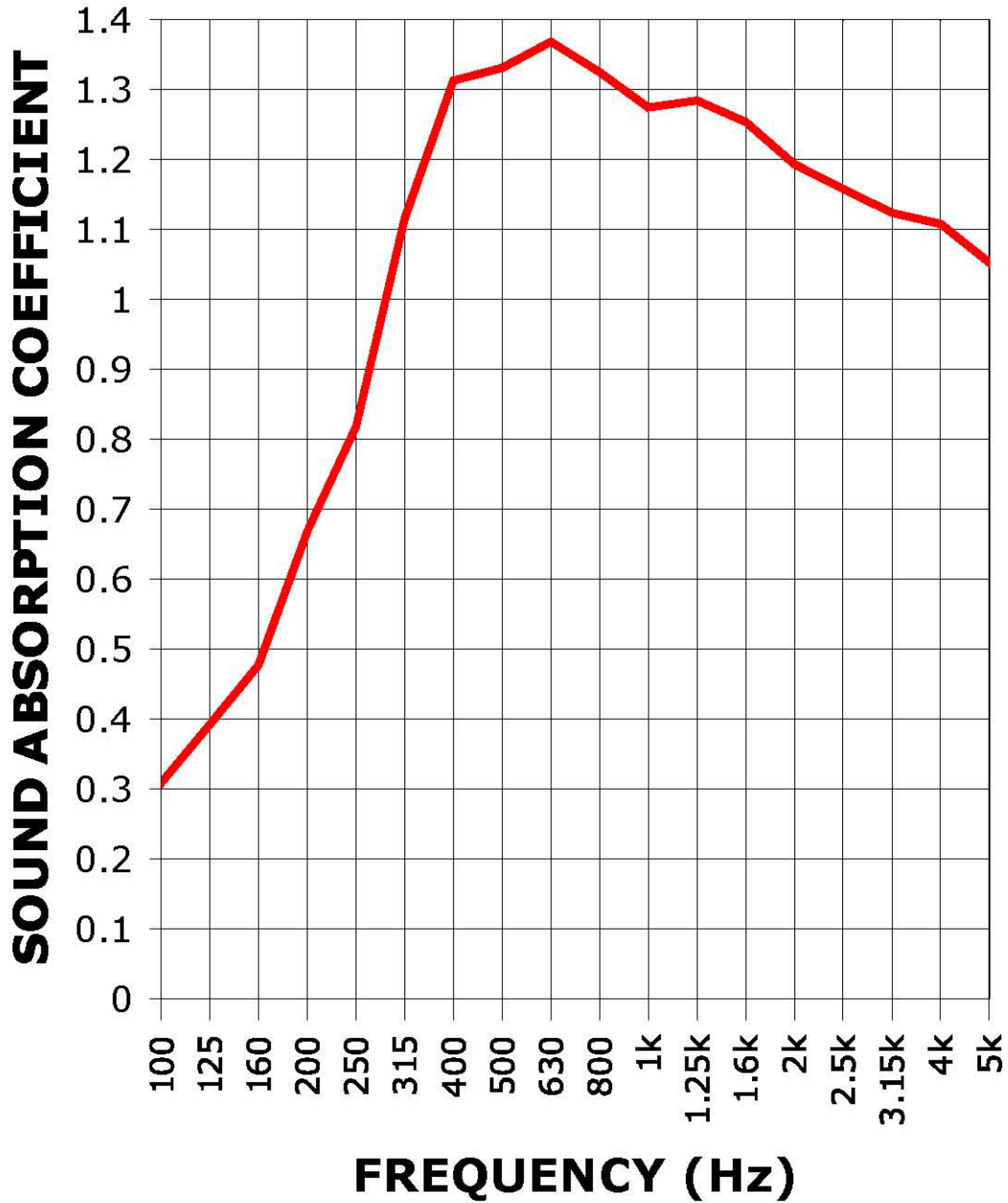
1/3 OCTAVE CENTER FREQ. (Hz)	ABSORPTION COEFFICIENT	TOTAL ABSORPTION (SABINS)
40	0.00	-0.09
50	0.04	2.67
63	-0.10	-6.41
80	0.00	0.18
100	0.31	19.73
125	0.39	25.10
160	0.48	30.55
200	0.67	42.76
250	0.82	52.32
315	1.12	71.40
400	1.31	84.00
500	1.33	85.18
630	1.37	87.56
800	1.32	84.79
1000	1.27	81.55
1250	1.28	82.17
1600	1.25	80.22
2000	1.19	76.34
2500	1.16	74.09
3150	1.12	71.91
4000	1.11	70.90
5000	1.05	67.36
6300	1.00	63.77
8000	0.84	53.65
10000	0.74	47.67

SOUND ABSORPTION AVERAGE [SAA] = 1.17
NOISE REDUCTION COEFFICIENT [NRC] = 1.15

RIVERBANK ACOUSTICAL LABORATORIES



SOUND ABSORPTION REPORT
RAL - A11-013



SAA = 1.17
NRC = 1.15