

### The Laboratory Measurement of Random Incidence Sound Absorption to BS EN ISO 354:2003

**Client:** Advanced Acoustics

**Test date:** 06/08/2015

**Empty Room:**                      **Temperature:** 19.4 °C      **Humidity:** 64 %RH      **Pressure:** 1004 mbar

**Room with Sample:**              **Temperature:** 19.4 °C      **Humidity:** 64 %RH      **Pressure:** 1004 mbar

**Sample Description:** 3ft Original Bass Trap

**Sample tested as:** Discrete object

**Number of Objects:** 4

**Chamber Volume:** 300 m3

Test 14			
Freq Hz	T1 sec	T2 sec	Equivalent Absorp Area per Object m2
50*	6.27	5.82	0.1
63*	5.90	5.20	0.3
80*	9.67	8.10	0.2
100	10.06	6.92	0.5
125	7.99	5.60	0.6
160	7.47	4.80	0.9
200	7.23	4.32	1.1
250	7.64	4.66	1.0
315	7.44	4.54	1.0
400	6.68	4.44	0.9
500	5.72	3.92	1.0
630	5.35	3.79	0.9
800	5.70	4.08	0.8
1000	6.22	4.42	0.8
1250	5.99	4.42	0.7
1600	5.40	4.16	0.7
2000	5.10	4.00	0.7
2500	4.62	3.69	0.7
3150	3.90	3.27	0.6
4000	3.25	2.75	0.7
5000	2.63	2.32	0.7
6300*	1.92	1.77	0.6
8000*	1.53	1.45	0.6
10000*	1.12	1.06	0.9

\*Denotes frequencies outside the range covered by BS EN ISO 354:2003

Equivalent Absorption Area per Object

