

**Table 1 Preferred frequency bands (Hz) and A-weighting corrections (dB)**

Band Number	Octave band center frequency	One-third octave band center frequency	A-weighting correction	Lower band limit	Upper band limit
14		25	-44.7	22	28
15	31.5	31.5	-39.4	28	35
16		40	-34.6	35	44
17		50	-30.2	44	57
18	63	63	-26.2	57	71
19		80	-22.5	71	88
20		100	-19.1	88	113
21	125	125	-16.1	113	141
22		160	-13.4	141	176
23		200	-10.9	176	225
24	250	250	-8.6	225	283
25		315	-6.6	283	353
26		400	-4.8	353	440
27	500	500	-3.2	440	565
28		630	-1.9	565	707
29		800	-0.8	707	880
30	1,000	1,000	0	880	1130
31		1,250	0.6	1130	1414
32		1,600	1	1414	1760
33	2,000	2,000	1.2	1760	2250
34		2,500	1.3	2250	2825
35		3,150	1.2	2825	3530
36	4,000	4,000	1	3530	4400
37		5,000	0.5	4400	5650
38		6,300	-0.1	5650	7070
39	8,000	8,000	-1.1	7070	8800
40		10,000	-2.5	8800	11300
41		12,500	-4.3	11300	14140
42	16,000	16,000	-6.6	14140	17600
43		20,000	-9.3	17600	22500