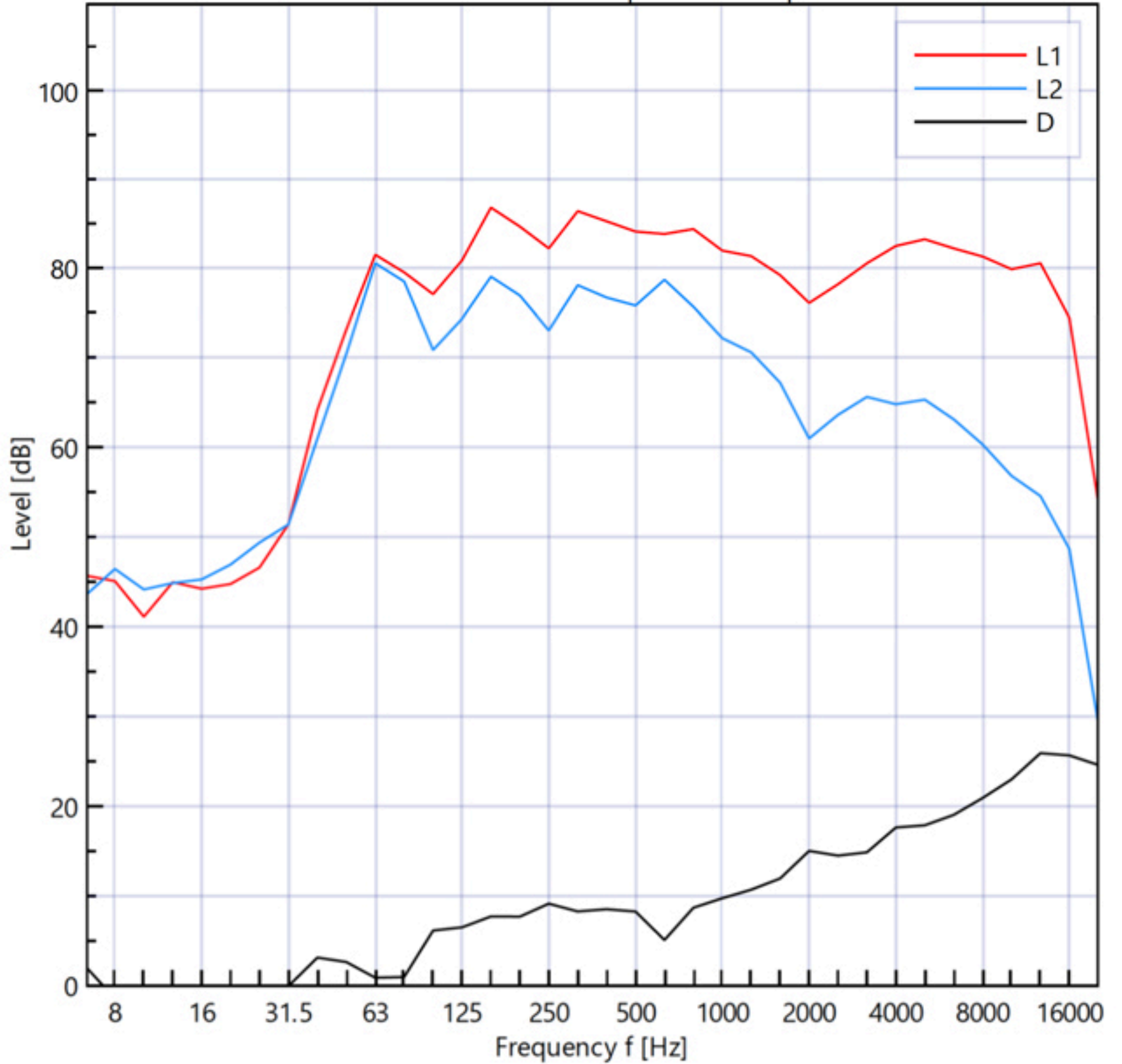


One-Third-Octave Spectrum LZeq in accordance with IEC 61260

One-Third-Octave Spectrum LZeq



Freq f Hz	L1 RTA dB	L2 RTA dB	D RTA dB
6.3	45.8	43.6	2.2
8	45.2	46.5	-1.4
10	41.2	44.2	-3.0
12.5	45.0	45.0	0.1
16	44.3	45.4	-1.0
20	44.9	47.0	-2.2
25	46.7	49.5	-2.8
31.5	51.5	51.5	0.0
40	64.3	61.1	3.2
50	73.2	70.5	2.7
63	81.6	80.7	1.0
80	79.6	78.6	1.0
100	77.2	70.9	6.2
125	81.0	74.4	6.6
160	86.9	79.1	7.8
200	84.8	77.0	7.8
250	82.3	73.1	9.2
315	86.5	78.2	8.3
400	85.4	76.8	8.6
500	84.2	75.9	8.3
630	84.0	78.8	5.2
800	84.5	75.7	8.8
1000	82.1	72.3	9.8
1250	81.5	70.7	10.8
1600	79.3	67.3	12.0
2000	76.2	61.1	15.1
2500	78.3	63.7	14.6
3150	80.7	65.7	14.9
4000	82.6	64.9	17.7
5000	83.4	65.4	17.9
6300	82.3	63.2	19.1
8000	81.4	60.4	21.0
10000	80.0	56.9	23.1
12500	80.7	54.7	26.0
16000	74.5	48.7	25.7
20000	53.9	29.3	24.7

Sum			
6.3 - 20000	96.6	88.5	32.6

Reverberation Time RT60 in accordance with ISO 3382-2

Measurement of reverberation time in ordinary rooms

Room Volume: 100 m³

Room Surface: 200 m²

Freq f Hz	T1 RT60 s
63	0.25
125	0.19
250	0.13
500	0.11
1000	0.08
2000	0.07
4000	0.05
8000	0.03

Mid	
500	0.09
-	
1000	

