

Model		L8L750			
Typical characteristic					
Nominal Diameter		200	mm	8	Inch
Rated Impedance		16	Ω		
Power handling capacity ⁽¹⁾		150	Watts		
Sensitivity 1W, 1m ⁽²⁾		98.7	dB		
Frequency Range ⁽³⁾		90-7000	Hz		
Power Compression ⁽⁴⁾					
@ -10dB power		/	dB		
@ - 3dB power		/	dB		
@ rated power		/	dB		
Distortion ⁽⁵⁾ 2nd harmonic		2.5	%		
3rd harmonic		0.9	%		
Effective Piston Diameter		165	mm	6.5	Inch
Maximum Excursion Before Damage (peak to peak)		23	mm	0.9	Inch
Minimum Impedance		10.8 @ 450 Hz	Ω		
Voice Coil Diameter		51	mm	2.0	Inch
Voice Coil Material		Copper			
Voice Coil Winding Depth		9	mm	0.4	Inch
Number of layers		2			
Kind of layer		round - in/out			
Electrical polarity A positive voltage applied on the red terminal produces forward cone motion.					
Thickness Top Plate Depth		8	mm	0.3	Inch
BL Factor BL		15.2	T x m		
Effective Moving Mass M_{ms}		16	gr		
Thiele - Small Parameters ⁽⁶⁾					
Resonance frequency F_s		75	Hz		
DC resistance R_e		9.1	Ω		
Mechanical factor Q_{ms}		4.9			
Electrical factor Q_{es}		0.30			
Total factor Q_{ts}		0.28			
Equivalent C _{as} air load V_{as}		17	liter		
Effettive piston area S_d		0.021	m ²		
Max. linear excursion ⁽⁷⁾ X_{max}		2.5	mm		
Linear displacement volume V_d		53.4	cm ³		
Voice - coil inductance @ 1KHz Le_{1K}		1.55	mH		
Half-space efficiency Eff		2.3	%		
Mounting Information					
Overall Diameter		239	mm	9.4	Inch
Bolt Circle Diameter		221	mm	8.7	Inch
Bolt Hole Diameter		6.4	mm	0.3	Inch
Baffle Cutout Diameter					
Front Mount		184	mm	7.2	Inch
Rear Mount		183	mm	7.2	Inch
Depth		94	mm	3.7	Inch
Volume Displaced by Driver		1.2	liter		
Net Weight		4.1	Kg		
Shipping Weight		4.4	Kg		

¹ AES standard (120-1200) Hz.

² Sensitivity is based on a 500-2500Hz pink noise signal for an in put 2.83V @ 8 Ohms.

³ Frequency range is defined as the frequency extremes over which the response is -10dB relative to rated sensitivity.

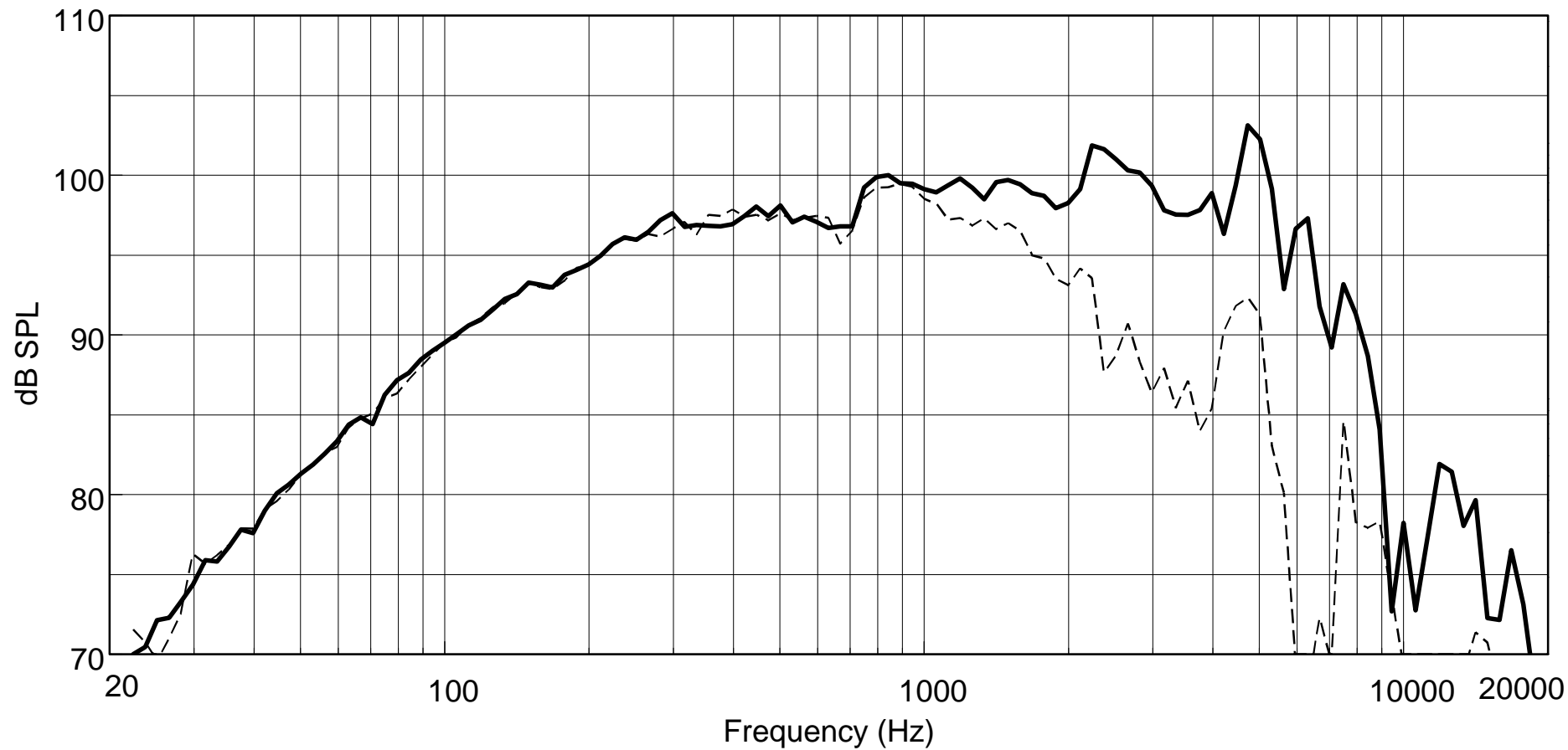
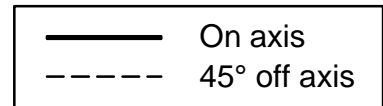
⁴ Power compression is the sensitivity loss at the specified power,measured from 50-500Hz,after a 5 minute AES standard pink noise preconditioning test at the specified power.

⁵ Distorsion is measured at -10dB rating power,from 100 to 500 Hz.

⁶ Thiele-Small parameter are measured after 2 hour exercise period using at the power handling capacity.

⁷ Mathematical Xmax

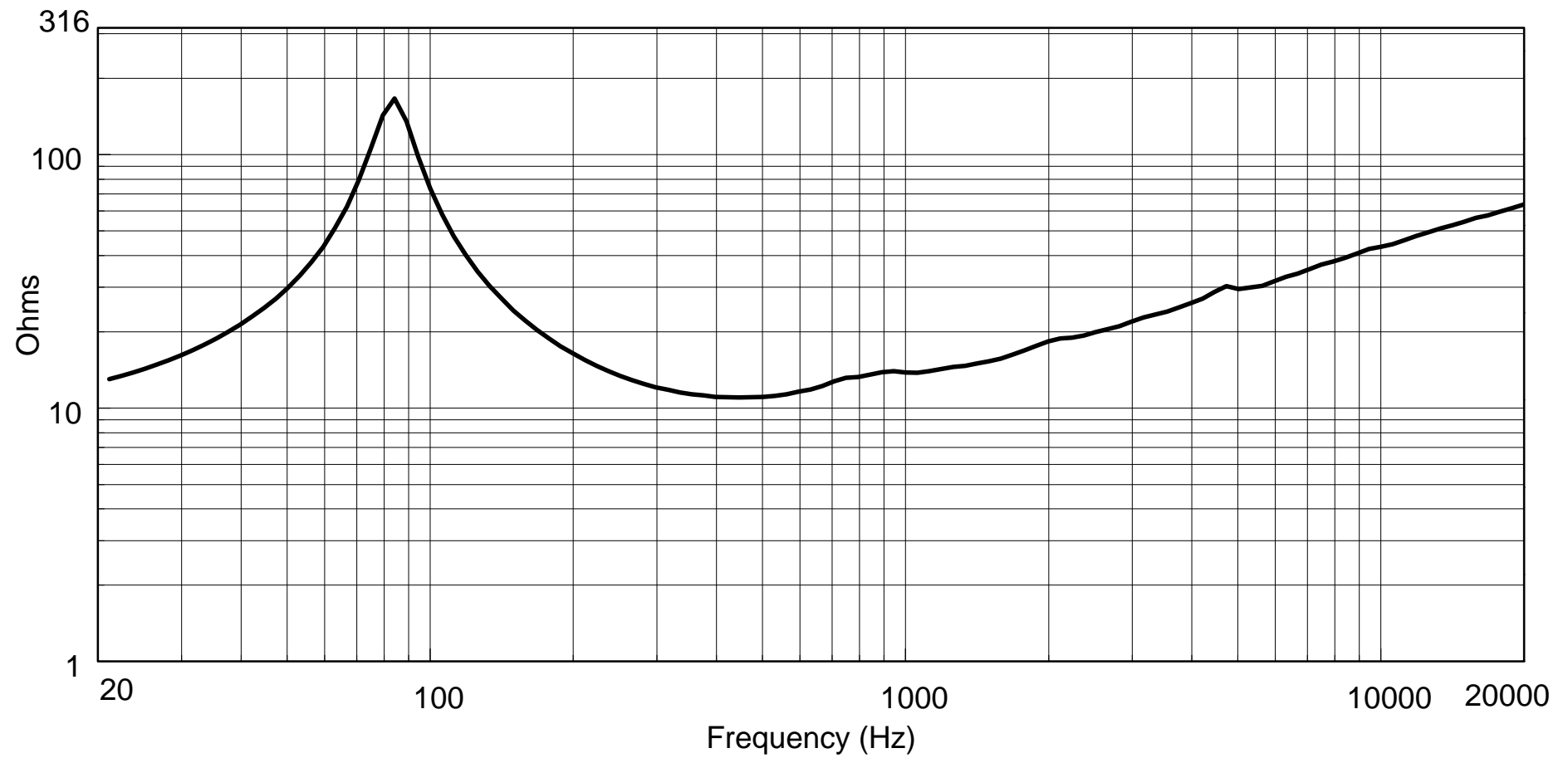
Response (1W/1m)



L8L750



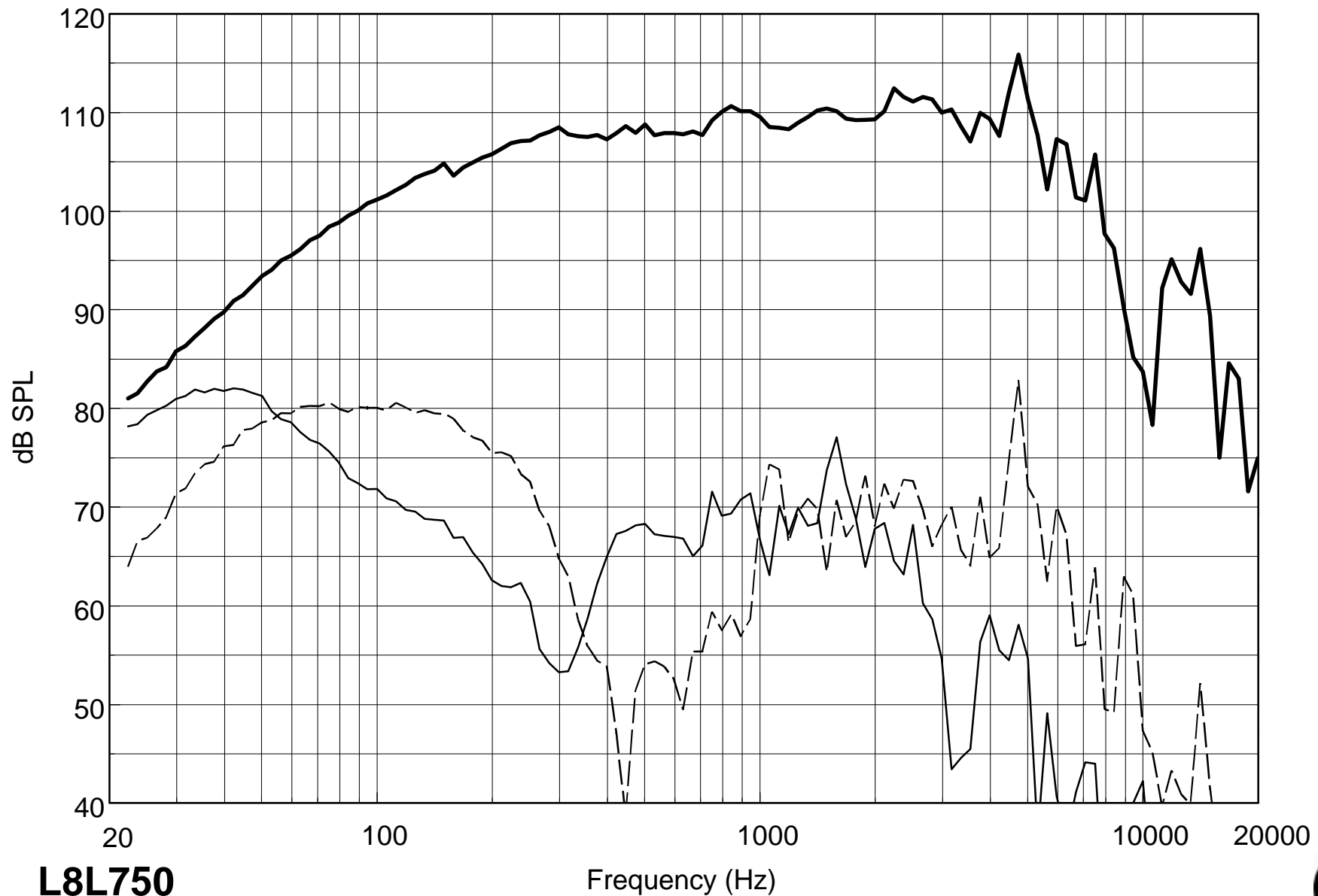
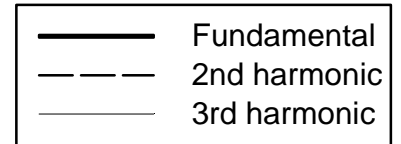
Impedance



L8L750



RESPONSE at -10 dB Pmax (15 W, 16 Ω)

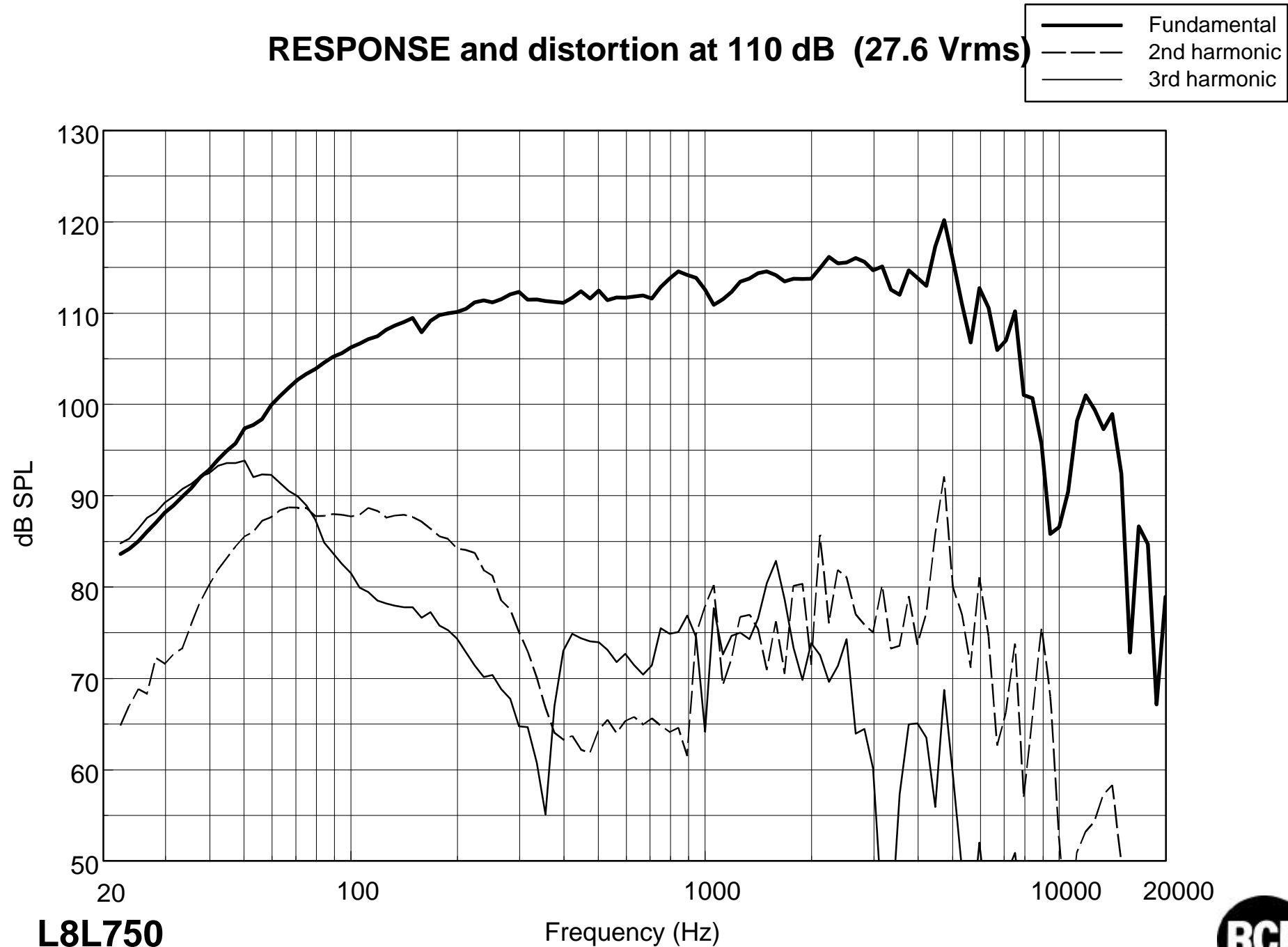


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RESPONSE and distortion at 110 dB (27.6 Vrms)

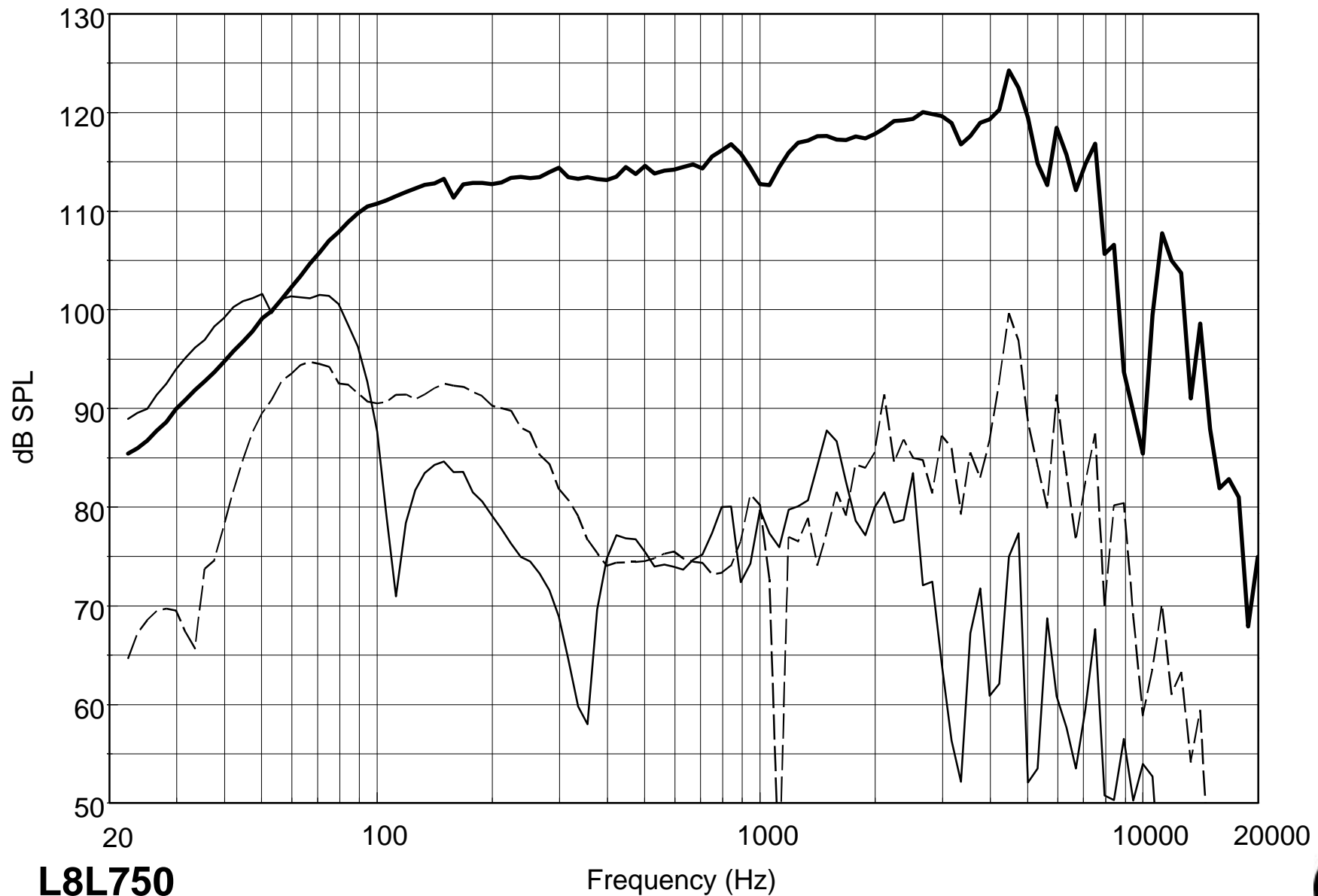
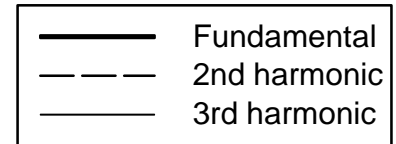


L8L750

Frequency (Hz)



RESPONSE and distortion at Pmax (49 Vrms)



L8L750

