

Model		L15P200AK		
Typical characteristic				
Nominal Diameter		380	mm	15 Inch
Rated Impedance		8	Ω	
Power handling capacity ⁽¹⁾		600	Watts	
Sensitivity 1W, 1m ⁽²⁾		93	dB	
Frequency Range ⁽³⁾		28-2500	Hz	
Power Compression ⁽⁴⁾				
	@ -10dB power	/	dB	
	@ -3dB power	/	dB	
	@ rated power	/	dB	
Distortion ⁽⁵⁾	2nd harmonic	4	%	
	3rd harmonic	1.1	%	
Effective Piston Diameter		330	mm	13.0 Inch
Maximum Excursion Before Damage (peak to peak)		33.8	mm	1.3 Inch
Minimum Impedance		7.9 @ 150 Hz	Ω	
Voice Coil Diameter		100	mm	3.9 Inch
Voice Coil Material		Copper		
Voice Coil Winding Depth		24	mm	0.9 Inch
Number of layers		2		
Kind of layer		round - outside		
Electrical polarity	A positive voltage applied on the red terminal produces forward cone motion.			
Thickness Top Plate Depth		9	mm	0.4 Inch
BL Factor	BL	21.3	T x m	
Effective Moving Mass	M_{ms}	116	gr	
Thiele - Small Parameters ⁽⁶⁾				
Resonance frequency	F_s	29	Hz	
DC resistance	R_e	6.6	Ω	
Mechanical factor	Q_{ms}	5.7		
Electrical factor	Q_{es}	0.31		
Total factor	Q_{ts}	0.30		
Equivalent C _{as} air load	V_{as}	260	liter	
Effective piston area	S_d	0.085	m ²	
Max. linear excursion ⁽⁷⁾	X_{max}	9.8	mm	
Linear displacement volume	V_d	837.8	cm ³	
Voice - coil inductance @ 1KHz	Le_{1K}	2.6	mH	
Half-space efficiency	Eff	2.2	%	
Mounting Information				
Overall Diameter		387	mm	15.2 Inch
Bolt Circle Diameter		371	mm	14.6 Inch
Bolt Hole Diameter		7	mm	0.3 Inch
Baffle Cutout Diameter				
Front Mount		356	mm	14.0 Inch
Rear Mount		354	mm	13.9 Inch
Depth		137	mm	5.4 Inch
Volume Displaced by Driver		5.5	liter	
Net Weight		11.7	Kg	
Shipping Weight		12.8	Kg	

¹ AES standard (50 - 500) Hz.

² Sensitivity is based on a 100-1000Hz pink noise signal for an input 2.83V @ 8 Ohms.

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

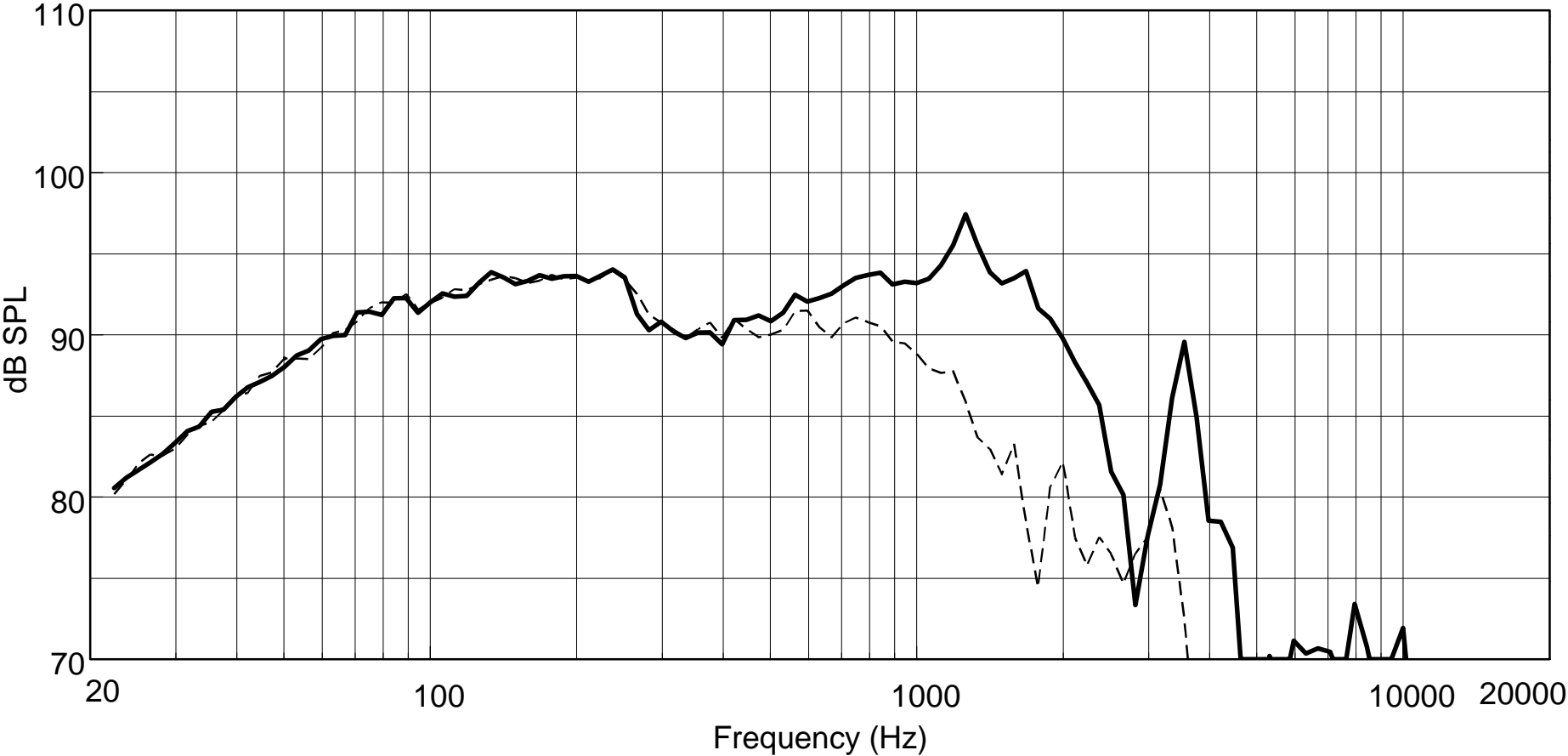
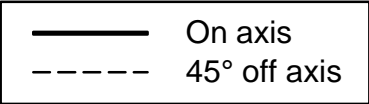
⁴ Power compression is the sensitivity loss at the specified power, measured from 50-500Hz, after a 5 minute AES standard pink noise preconditioning test at the specified power.

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 X_{max}

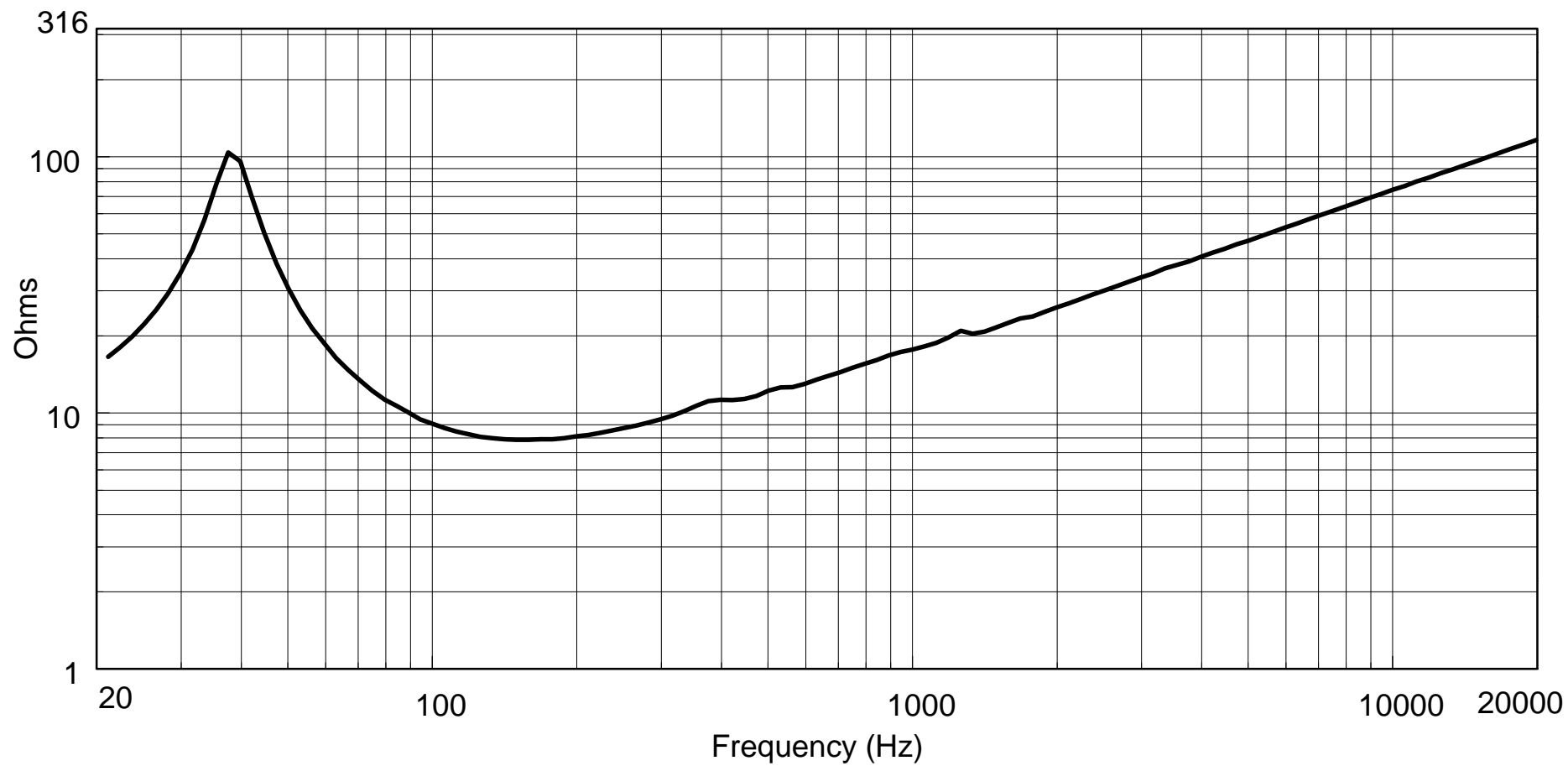
Response (1W/1m)



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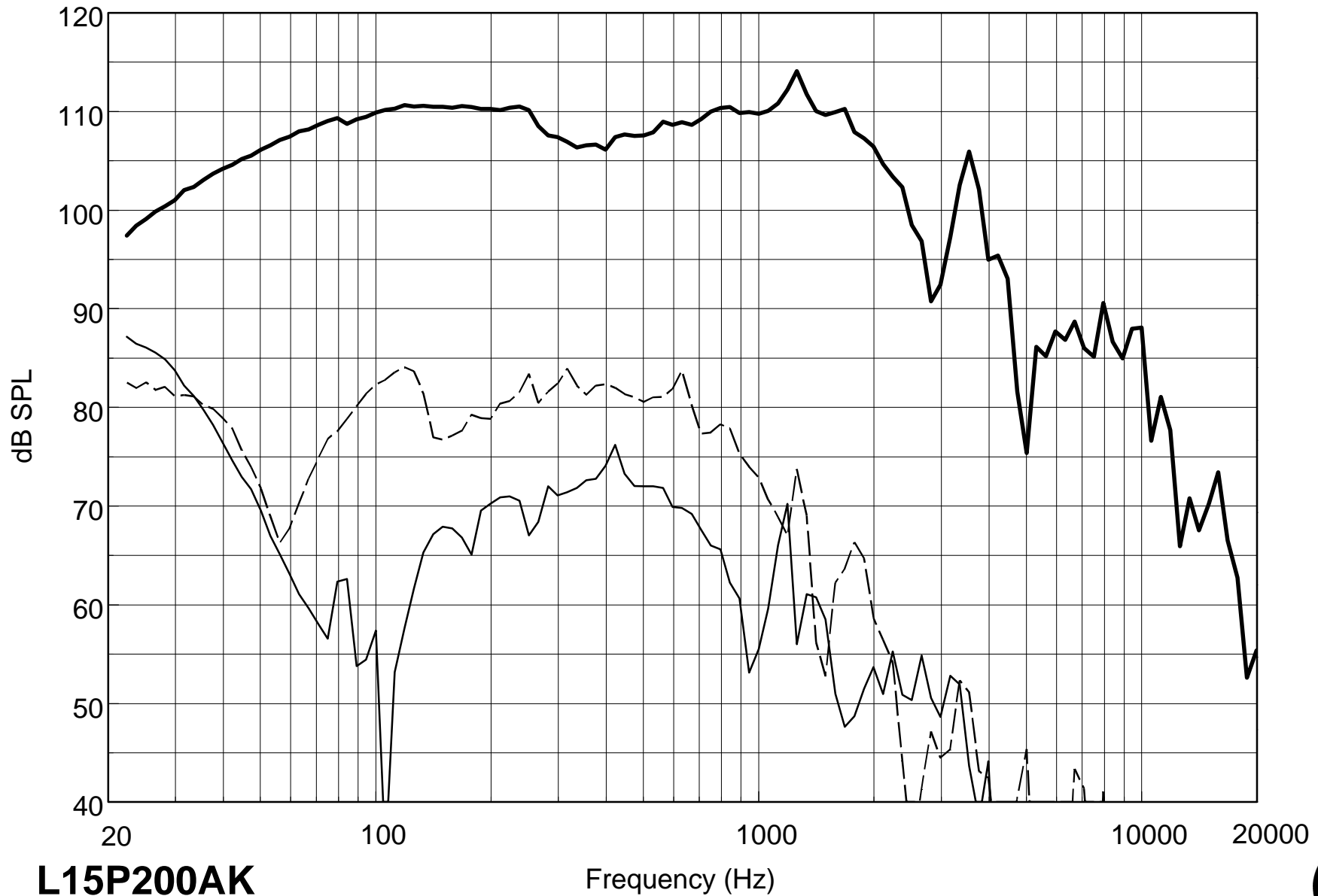
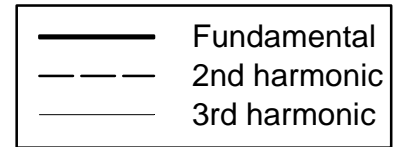
Impedance



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RESPONSE at -10 dB Pmax (60 W, 8 W)



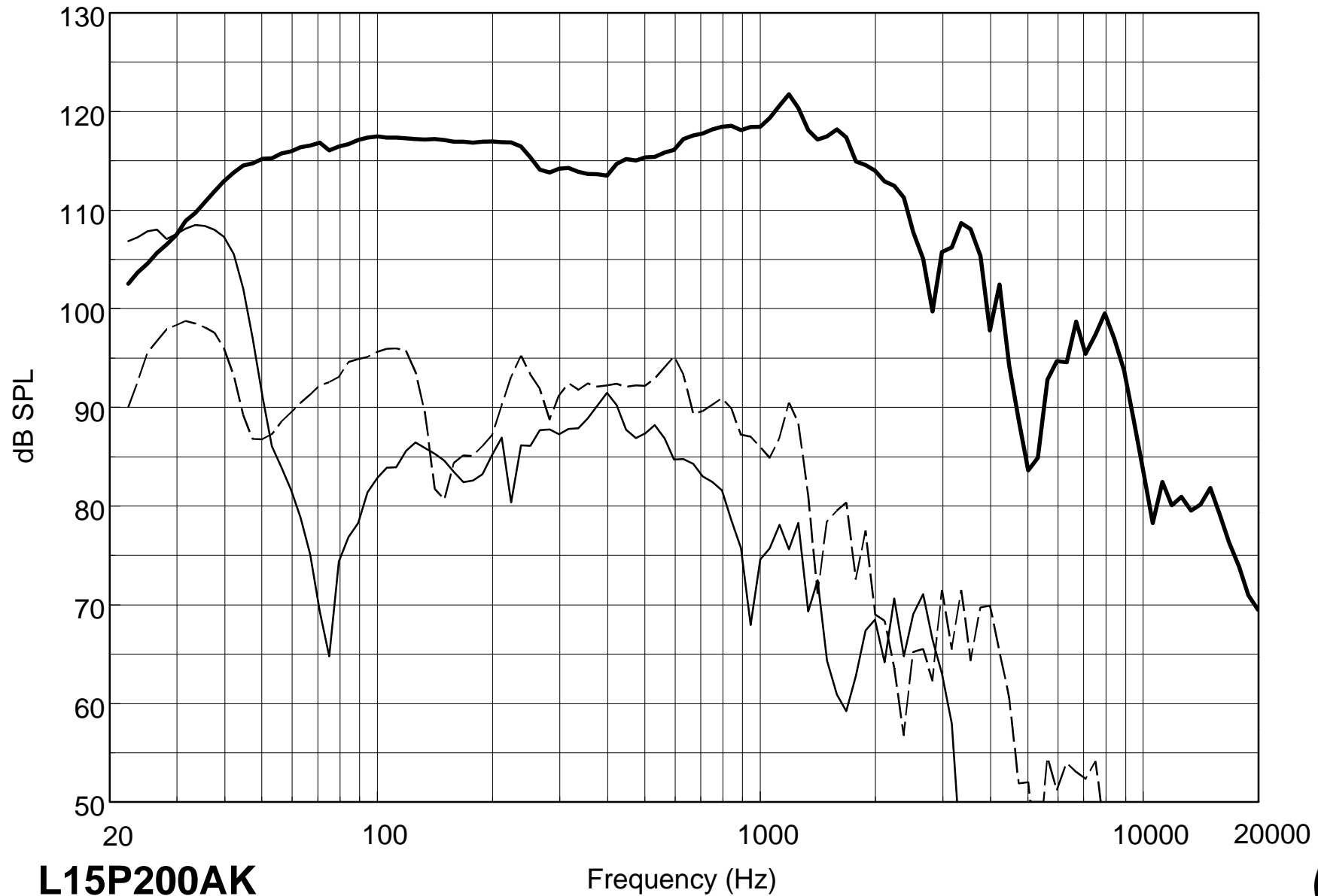
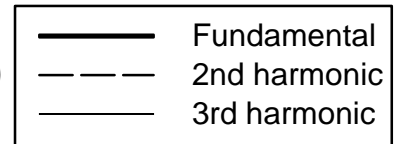
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Frequency (Hz)



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RESPONSE and distortion at 115 dB (69.3 Vrms)

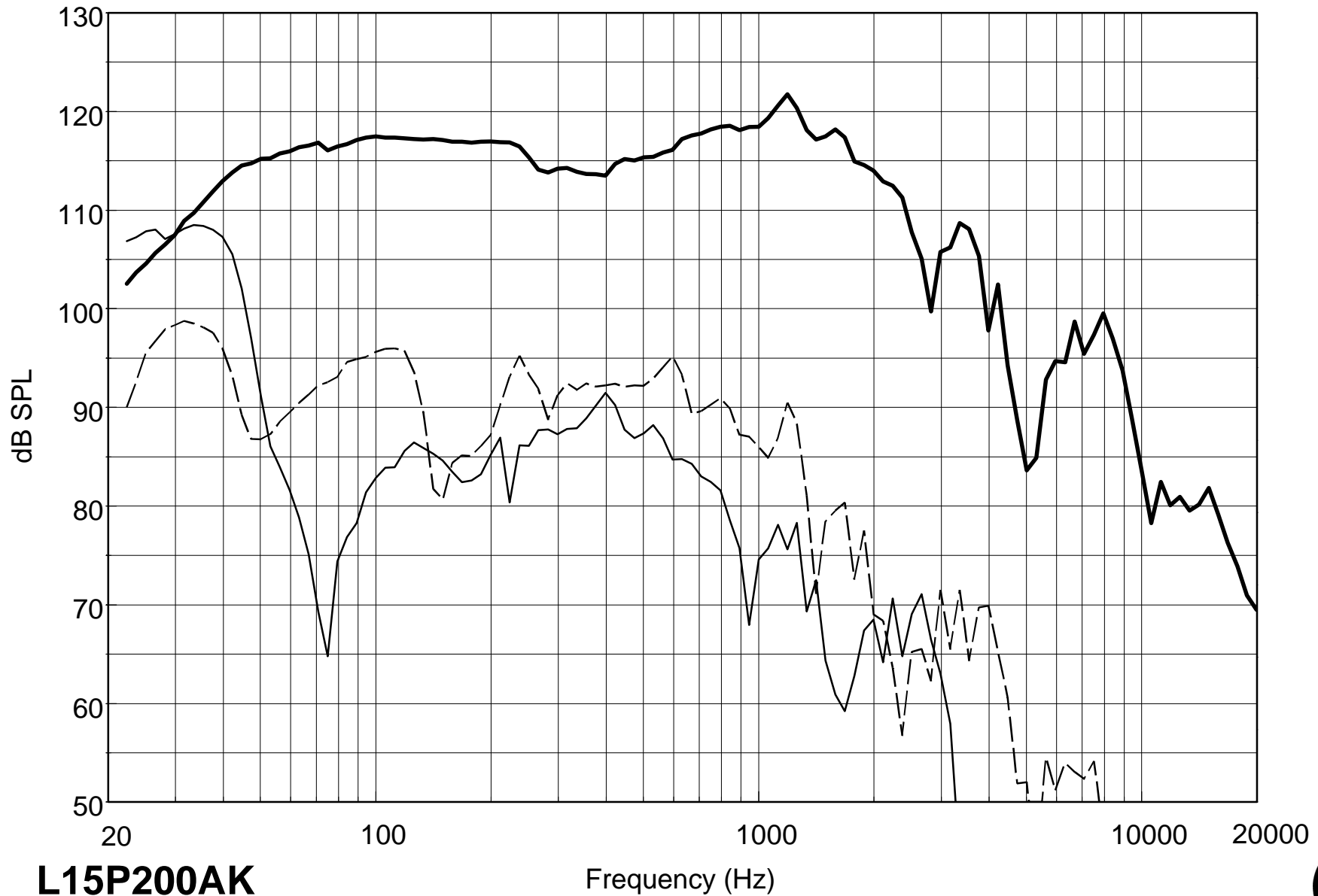
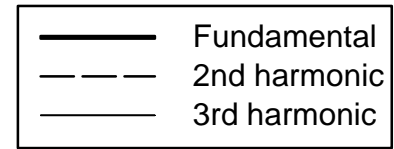


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RESPONSE and distortion at Pmax (69.3 Vrms)



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