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SPEAKER	SPECIFICATIONS
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180.0

Deg 108.0

36.0

-36.0

-108.0

-180.0

20k

180.0

Deg 108.0

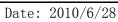
36.0

-36.0

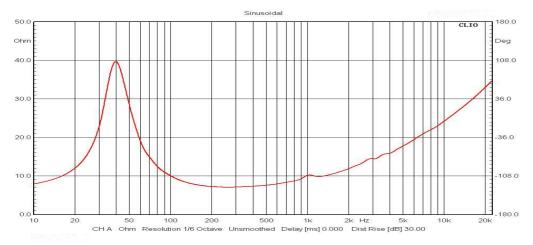
-108.0

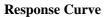
-180.0 20k

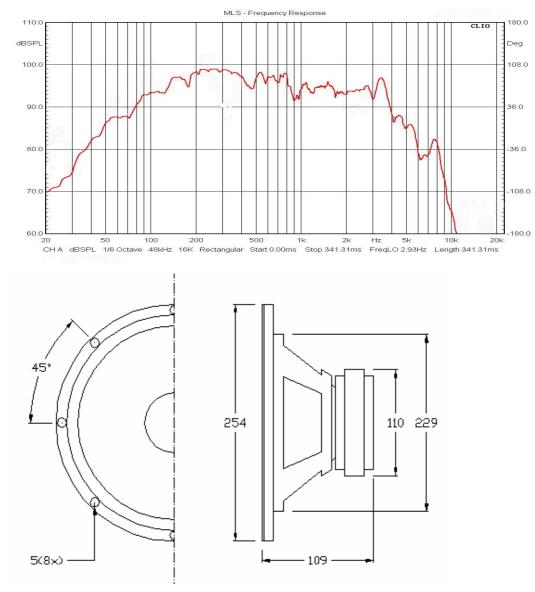
Model Number:	55-2972	Sinusoidal
GENERAL SPECIFICATIONS		
Nominal Diameter:	10 inch	
Rated Lmpedance:	8 ohms	
Operating Bandwidth:	50–5k hz (–3dB)	
Power Handling Capacity:	100 Watts	
Sensitivity $(1W/M)$ :	90 dB(+-3dB)	
Voice Coil Diameter:	1.5 inch	
THIELD CHALL DADAWDTEDC		
THIELE-SMALL PARAMRTERS	Fs: 40 HZ	
Resonance Frequency DC Resistance	Re: 7.2 ohm	
Mechanical Q Factor	Qms: 2.49	10 20 50 100 200 500 1k 2k Hz 5k 10k 2 CH A Ohm Resolution 1/6 Octave Unsmoothed Delay[ms] 0.000 Dist Rise [dB] 30.00
Electrical Q Factor	Qes: 0.5516	MLS - Frequency Response
Total Q Factor	Qts: 0.4516	
Equivalent Cas air load	Vas: 82.27 L	
Surface Area of Cone	Sd: 0.0346 m2	
Efficiency Bandwidth Product		
Voice Coil Over Hang	X-max 5 mm	
Voice Coil Inductance	Le 0.5645mH	
PHYSICAL INFORMATION		
Basket:	Pressed steel chassis	
Magnet Type:	24 OZ	
Cone Material:	PP	
Surround:	Rubber	60.0 L 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Dust Cap:	PP	CH A dBSPL 1/6 Octave 48kHz 16K Rectangular Start 0.00ms Stop 341.31ms FreqLO 2.93Hz Length 341.31ms
Damper:	cloth	



## **Impedance** Curve







55 - 2972