

Sample

Frequency 245 hertz

At 245 hertz,

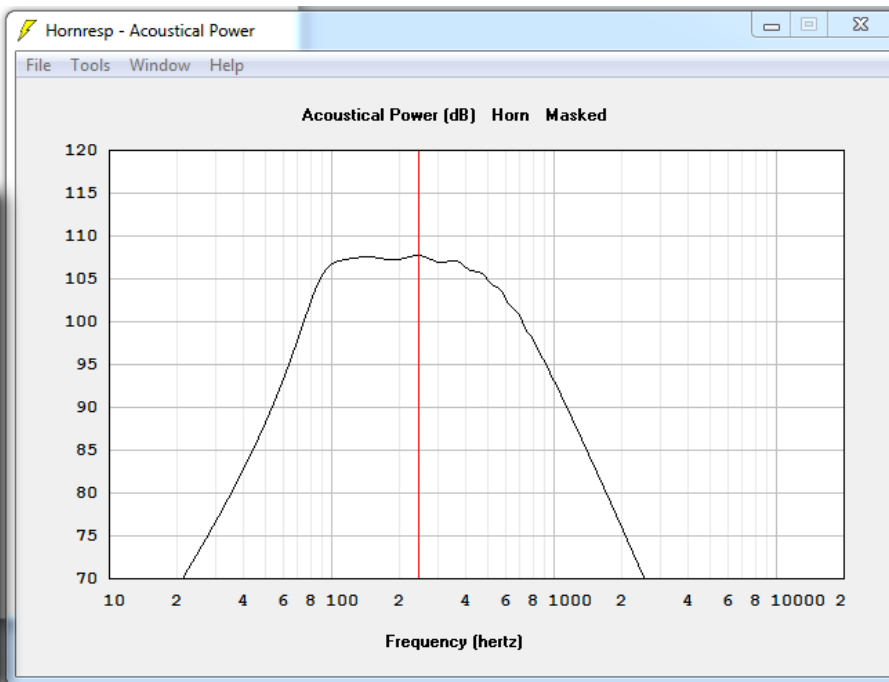
Sound pressure level = 107.7406 dB.

Electrical input power = 0.8427 watts.  
Acoustical output power = 0.3604 watts.

Power conversion efficiency = 42.7647 percent.  
Second-harmonic distortion = 0.0951 percent.

Horn throat peak sound pressure = 97.4764 Pa.  
Horn throat peak particle velocity = 0.2123 m/sec.

Close



Hornresp - Input Parameters midbasshorn

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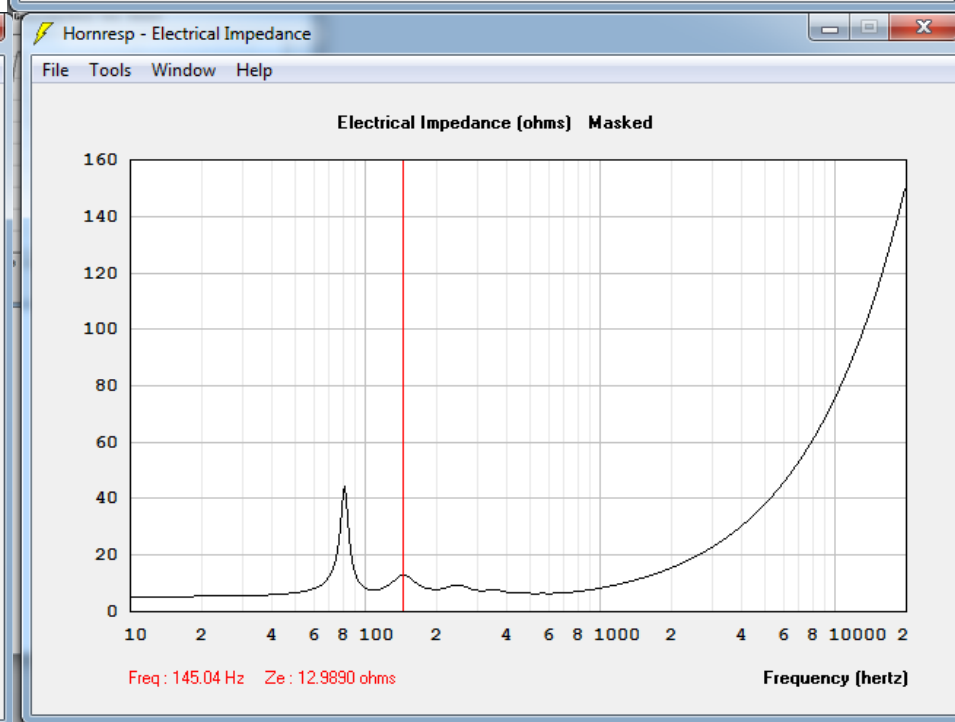
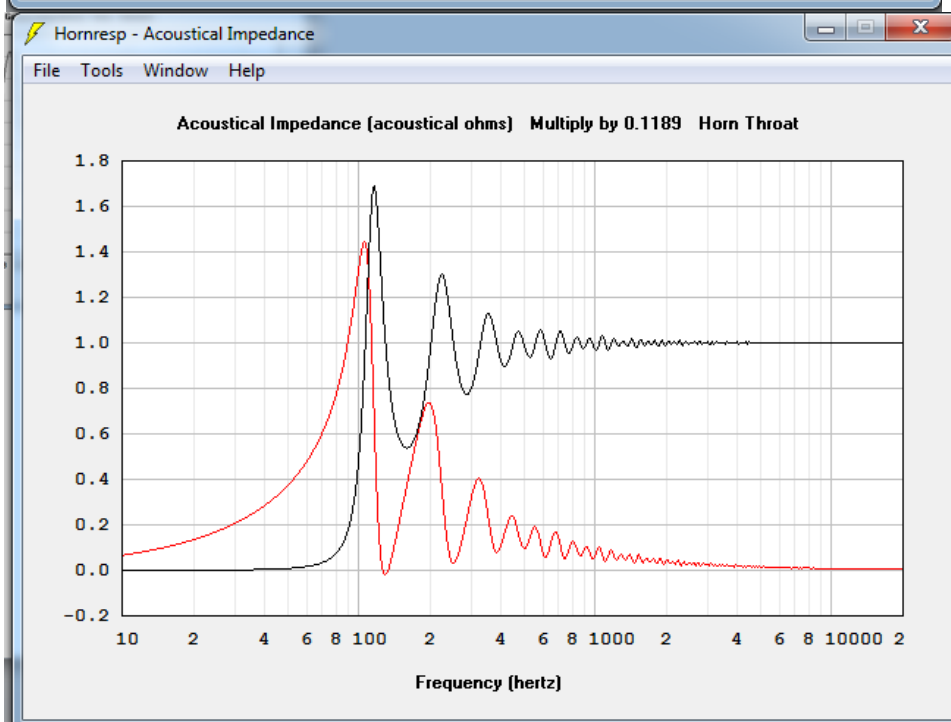
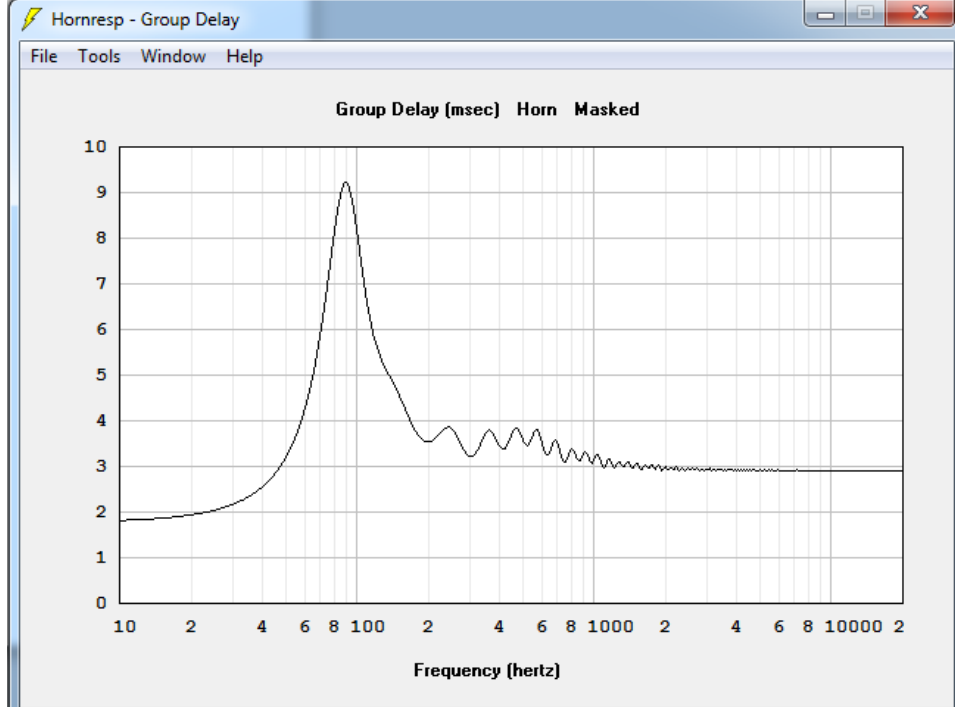
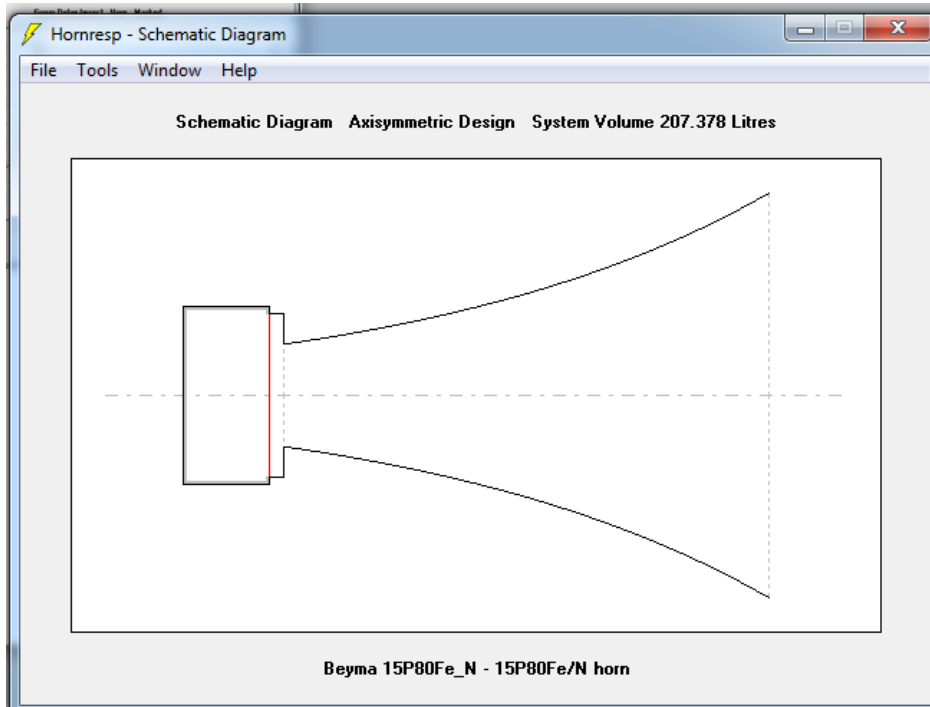
Ang	2.0 x Pi	Eg	2.83	Rg	0.00	Cir	0.81
S1	348.70	S2	5460.00	Exp	100.00	F12	75.31
S2	0.00	S3	0.00	L23	0.00	AT	8.25
S3	0.00	S4	0.00	L34	0.00	F34	0.00
S4	0.00	S5	0.00	L45	0.00	F45	0.00

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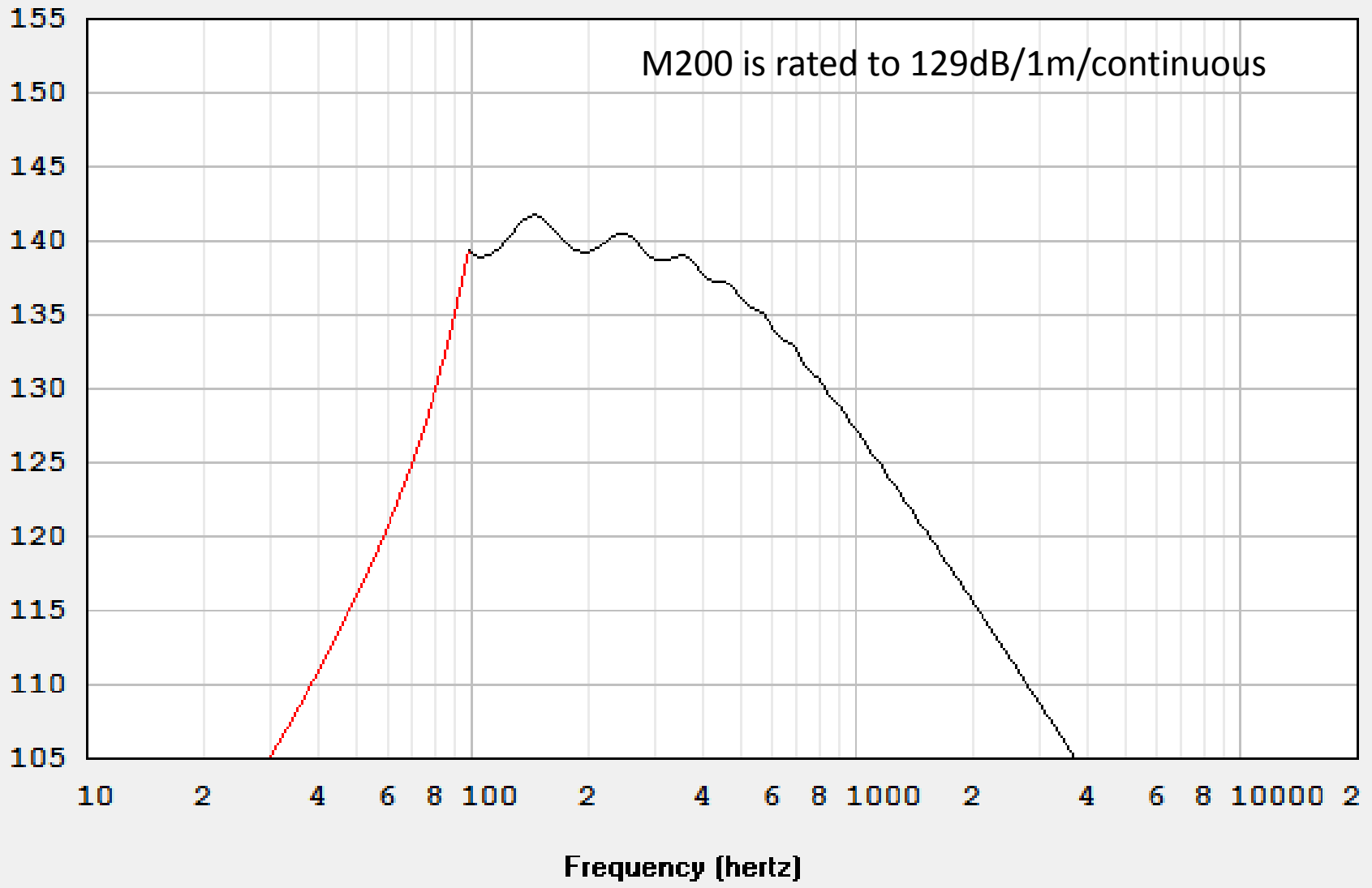
Sd	880.00	Cms	2.79E-04	Mmd	72.90	Re	5.30
Bl	22.10	Rms	3.20	Le	1.20	Nd	1
Vrc	19.08	Fr	400.00	Vtc	2500.00		
Lrc	18.00	Tal	0.68	Atc	880.00		

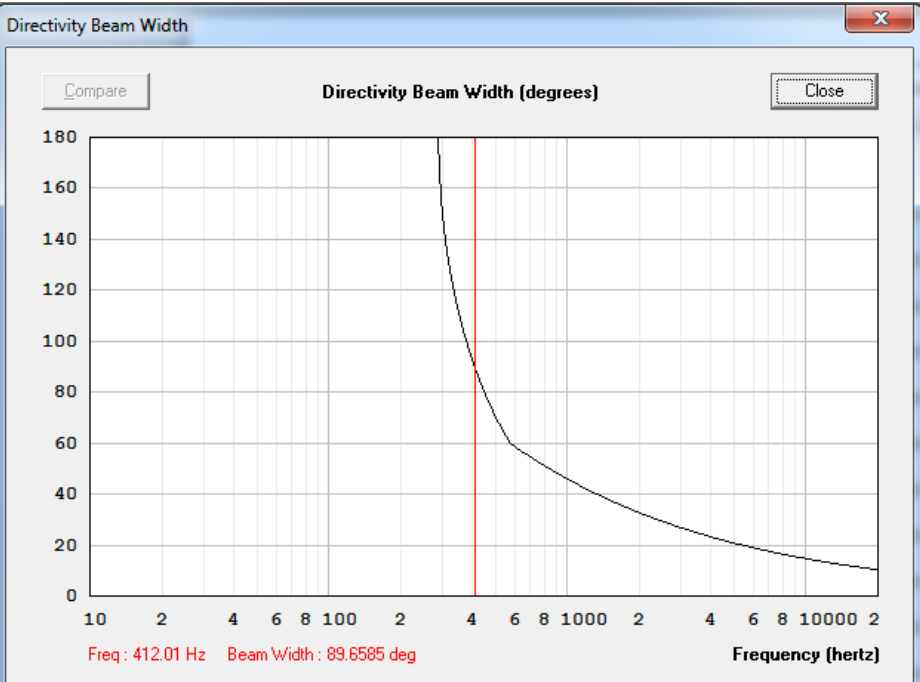
Comment

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Acoustical Power (dB)    Horn    Maximum SPL    Masked





This is for a round horn so in rectangular format the horizontal will be a bit narrower and the vertical a bit wider. Plan is to only have curved sides in the horizontal plane

