

Design:

Hornresp - Input Parameters

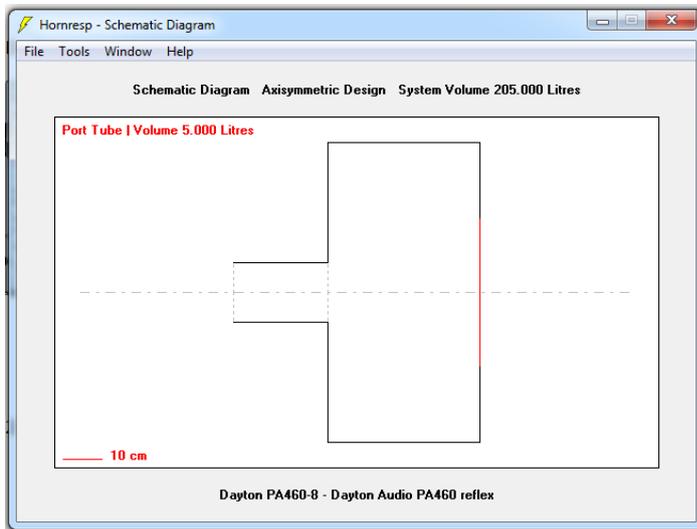
File Tools Window Help

Ang	2.0 π Pi	Eg	2.83	Rg	0.00	Cir	0.00
S1	0.00	S2	0.00	L12	0.00	F12	0.00
S2	0.00	S3	0.00	L23	0.00	F23	0.00
S3	0.00	S4	0.00	L34	0.00	F34	0.00
S4	0.00	S5	0.00	L45	0.00	F45	0.00

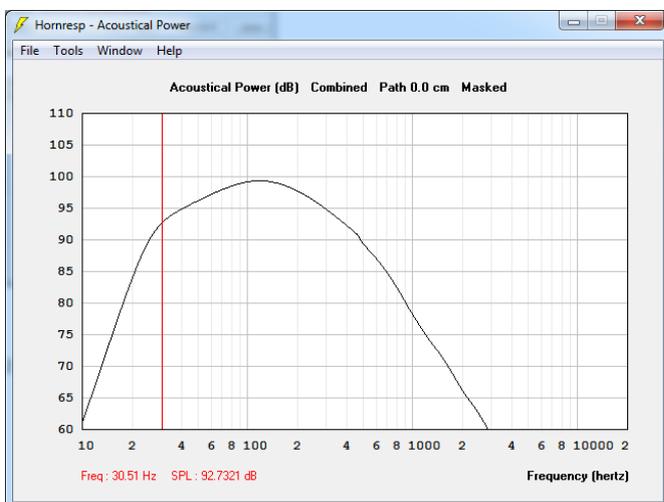
Sd	1241.10	Cms	1.90E-04	Mmd	141.00	Re	5.60
Bl	22.30	Rms	2.70	Le	3.90	Nd	1
Vrc	200.00	Ap	200.00	Vtc	0.00		
Lrc	40.00	Lpt	25.00	Atc	0.00		

Comment: Dayton PA460-8 - Dayton Audio PA460 reflex

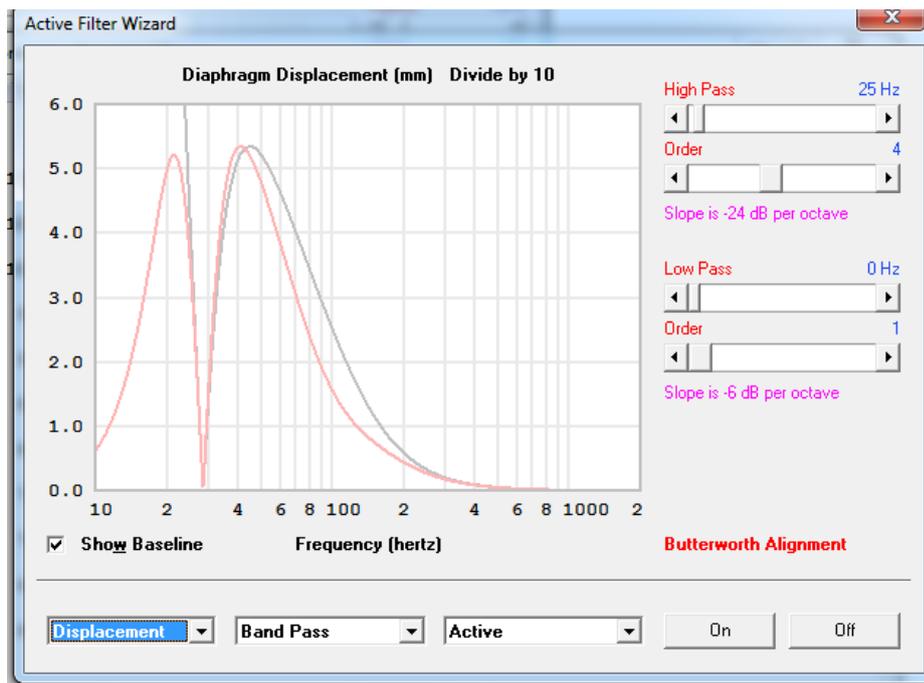
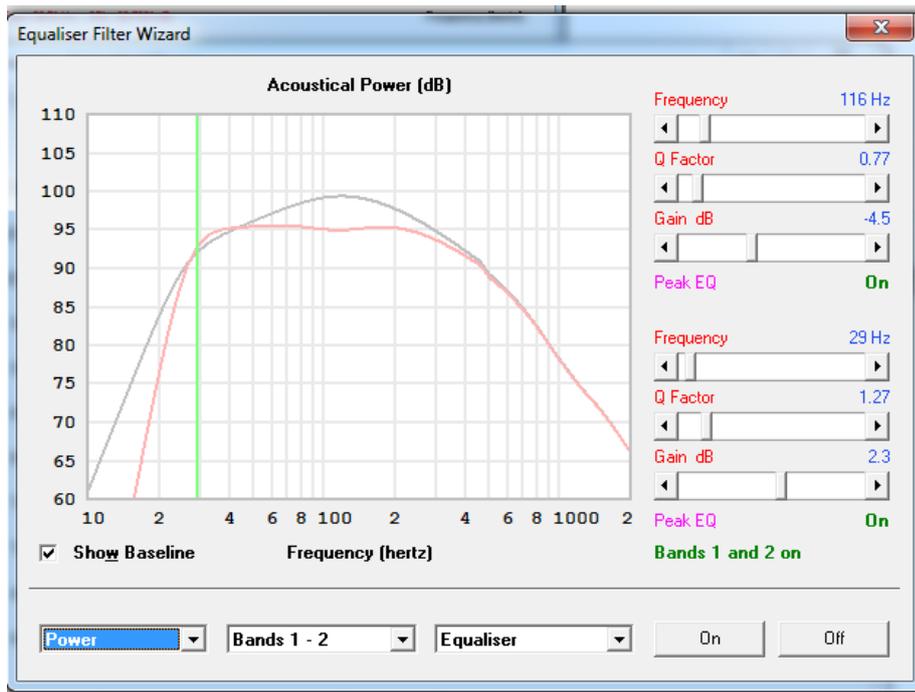
Previous Next Edit Add Delete Record 14 of 14 Calculate



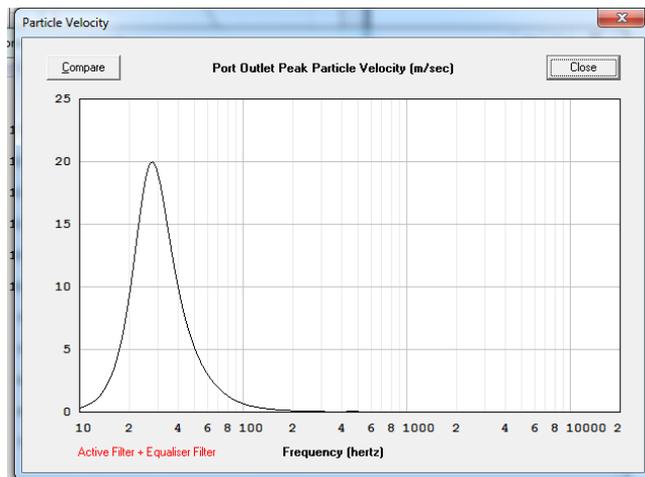
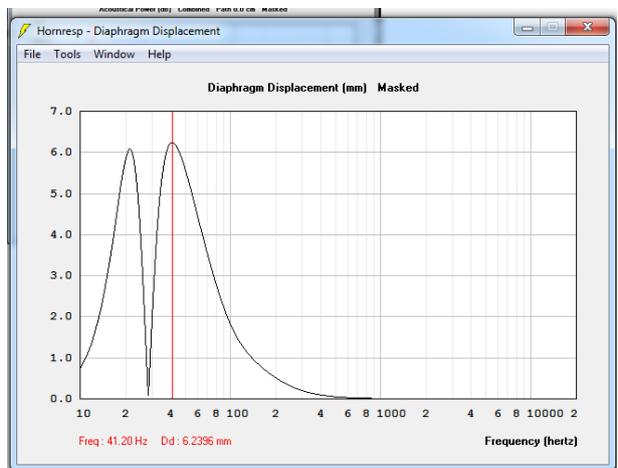
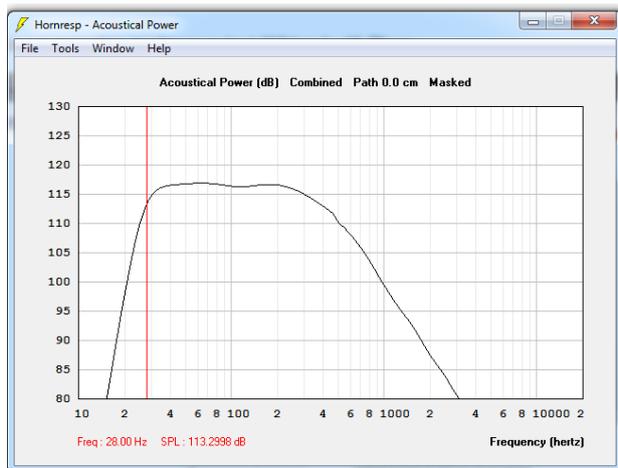
2.83V response (1W 8ohm):



EQ and highpass protection filters:



Linear excursion maximum output (33Vrms) with filters:



This is OK but if you plan on using the same cab with a higher excursion driver the port should be made to have greater cross sectional area. Worth keeping in mind though that the very best drivers are port air velocity limited at tuning and that very large cross section ports quickly become impractical.