

**Save Graph** **Print Graph** **Save 180**

**Beyma 12BR70, Sealed Box, Vb= 50 l, Qtc = 0.78, At 125 Watts**

**SPL (dB)** **Phase (deg.)**

130 120 110 100 90 80 70 60 50

180 120 60 0 -60 -120 -180

10 100 1000

— Cone SPL — Vent SPL — In-Room SPL  
— Raw SPL — Crossover (Hz) — Max SPL  
— Memory — Leakage SPL — Total SPL  
— Phase

[Save Response](#) [To Memory](#) [Clear Memory](#)

**Save Graph** **Electrical Circuit Transfer Function**

**dB** **Phase**

12 6 0 -6 -12 -18 -24

180 120 60 0 -60 -120 -180

10 100 1000

**Scale Graph** — Amplitude Response — Phase

**Save Graph** **System Impedance**

**Ohms** **Phase**

80 60 40 20 0

180 120 60 0 -60 -120 -180

10 100 1000

**Scale Graph** — Impedance Amplitude — Impedance Phase

**Save Graph** **Excursion**

**Displacement (mm)**

30 25 20 15 10 5 0

10 100 1000

**Scale Graph** — Cone Excursion — Passive Radiator Excursion — Xmax — PTH Xmax

**Save Graph** **Vent Air Velocity**

**Velocity (m/s)**

50 40 30 20 10 0

10 100 1000

**Scale Graph** **Frequency (Hz)**

**Save Graph** **Group Delay**

**Group Delay (ms)**

80 70 60 50 40 30 20 10 0

10 100 1000

**Scale Graph** — Total Group Delay — Speaker QD — Filter GD

**Save Graph** **Consumed Amplifier Power**

**Input Power (Watts)**

140 120 100 80 60 40 20 0

10 100 1000

**Scale Graph** — Amp Power Curve — 1ohm Speaker Complex Impedance

**Save Graph** **2.83V Reference Sensitivity**

**dB** **Phase**

115 110 105 100 95 90 85 80 75 70 65 60 55 50

180 120 60 0 -60 -120 -180

10 100 1000

**Scale Graph** — 2.83V Ref Sensitivity — 2.83V w/ Filter Curve — Crossover (Hz) — Crossover Gain SPL — Speaker Phase — System Gain SPL — Phase w/ Filter

This Program is no longer fully supported by the author  
 "The Woofer Box and Circuit Designer" 6.0 spreadsheet and it's VBA modules  
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