

BassLite S2012 Med Vented Bass Guitar Cabinet

By Jerry McNutt, Eminence Speaker LLC
Displacement Limited to 125 Watts.
Smooth, Low Bass.

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 2.7 cu.ft

V(total) = 2.857 cu.ft

Fb = 47 Hz

QL = 7

F3 = 48.91 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 3 in

Lv = 3.076 in

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 48.2 Hz

Qms = 5.5

Vas = 90.6 liters

Xmax = 5.2 mm

Sd = 519.5 sq.cm

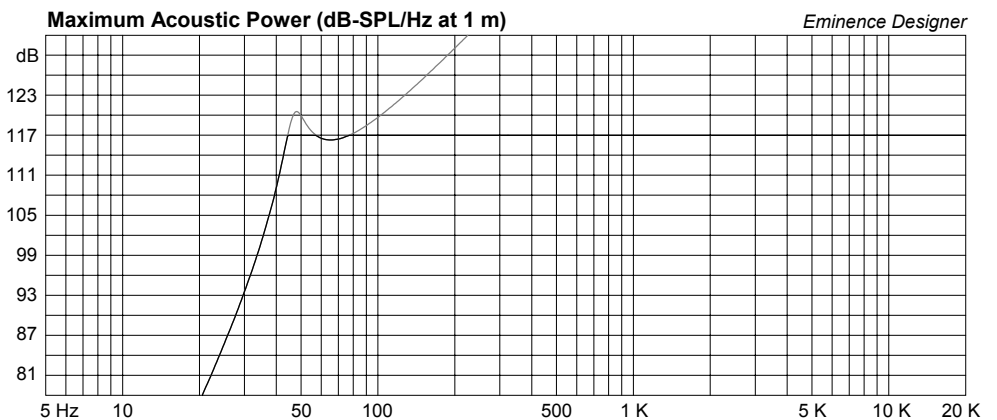
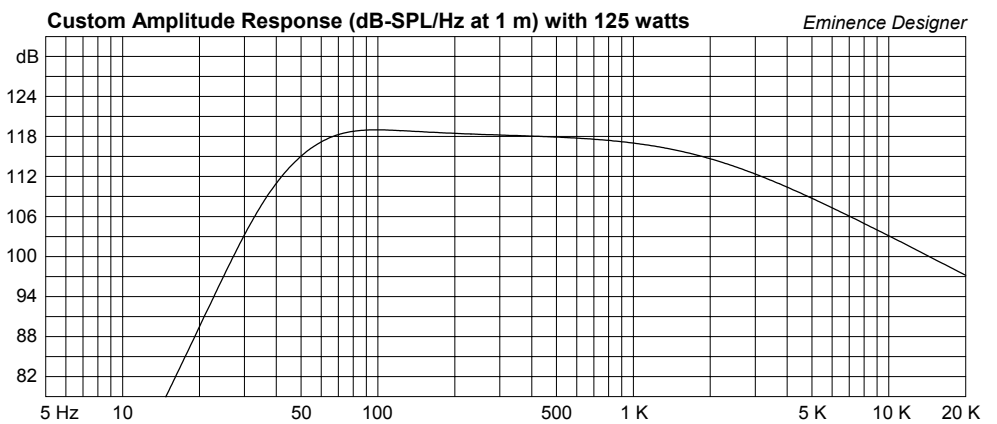
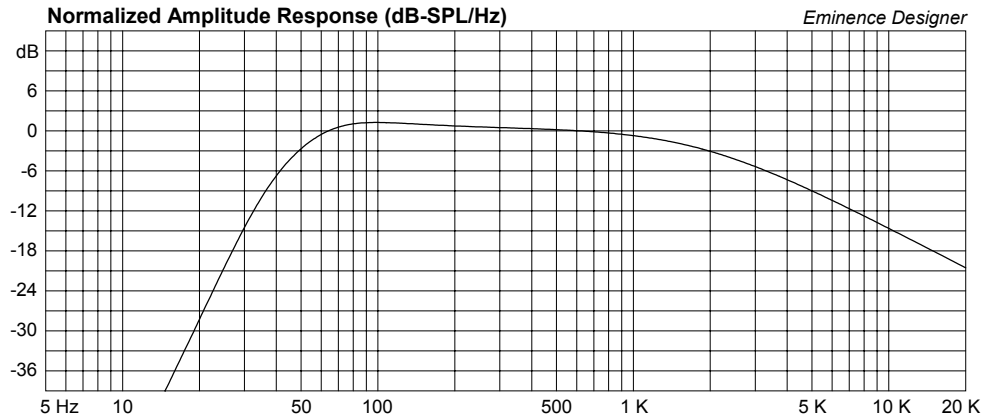
Qes = 0.53

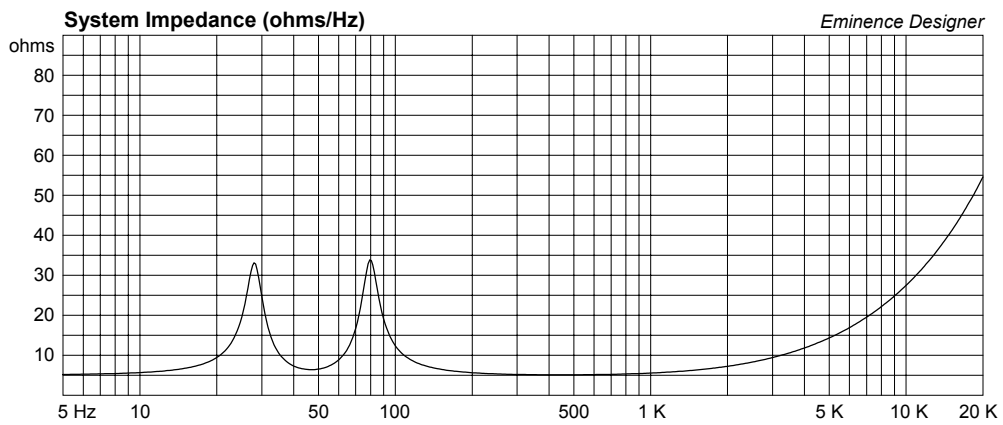
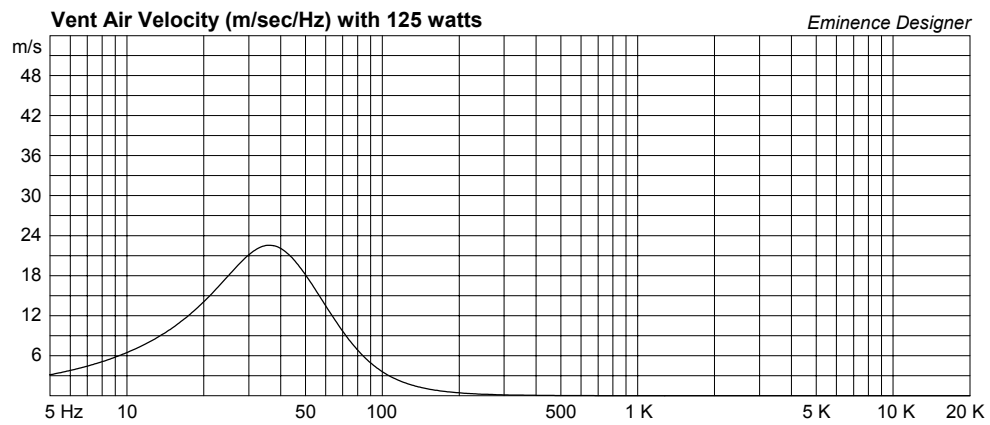
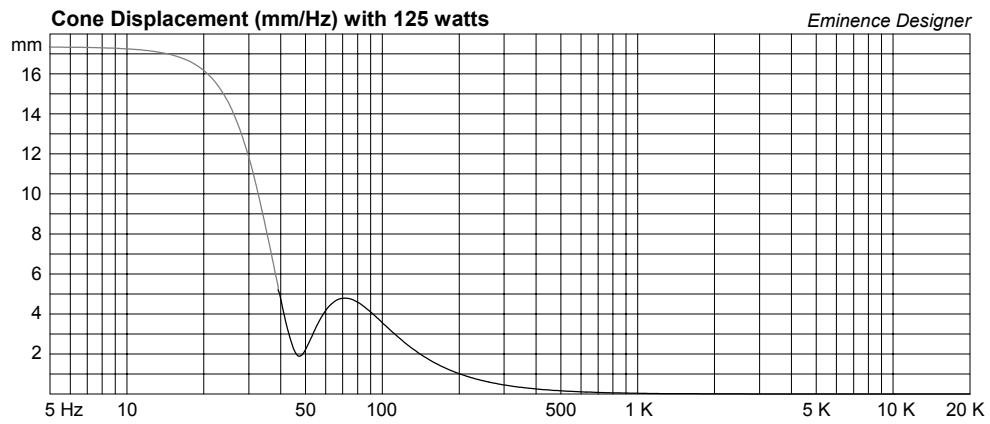
Re = 5.1 ohms

Le = 0.43 mH

Z = 8 ohms

Pe = 150 watts





BassLite S2012, Small Sealed Bass Guitar Cabinet

By Jerry McNutt, Eminence Speaker LLC

Displacement Limited to 125 Watts. Slow Roll-off.

Great for Ultra Clean Bass. Can be made Ultra Light.

Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 1.15 cu.ft

V(total) = 1.15 cu.ft

Qtc = 0.718

QL = 20

F3 = 86.64 Hz

Fill = heavy

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 48.2 Hz

Qms = 5.5

Vas = 90.6 liters

Xmax = 5.2 mm

Sd = 519.5 sq.cm

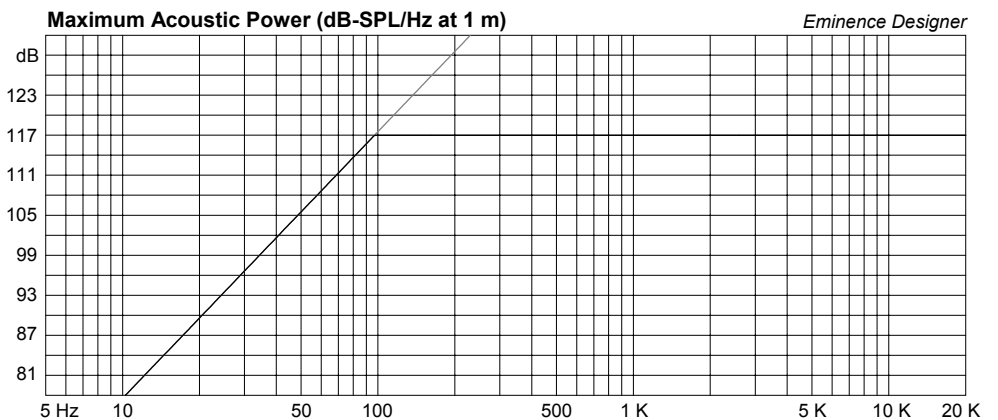
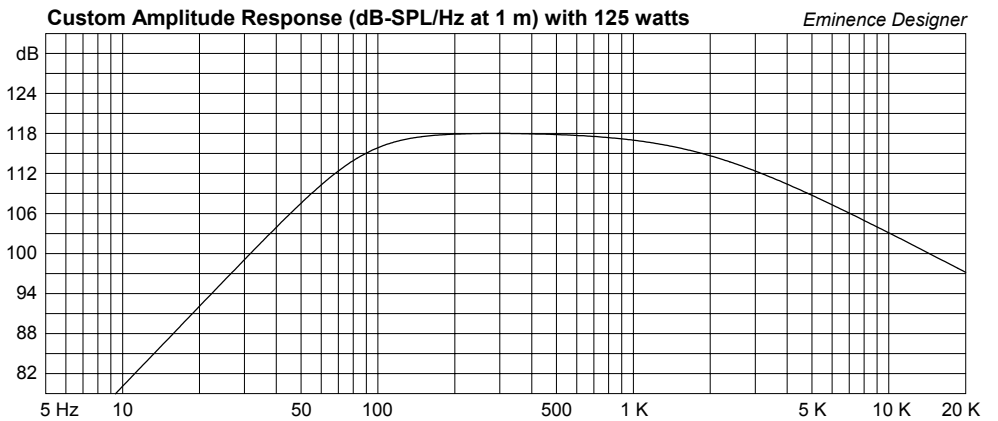
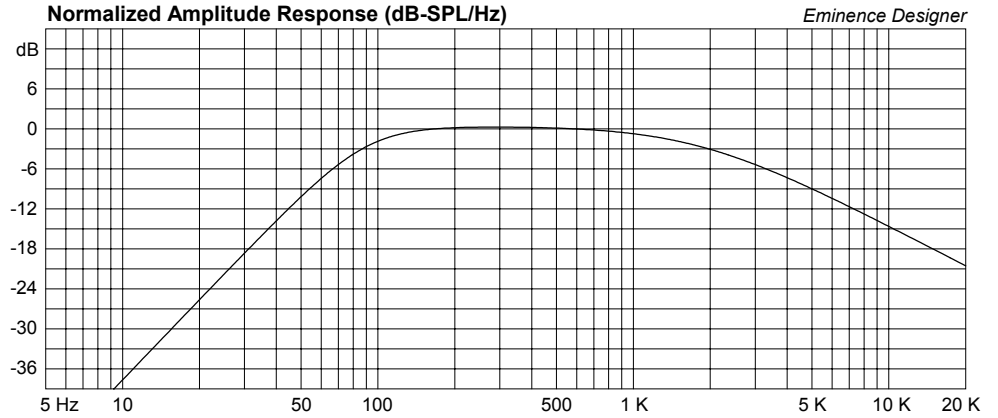
Qes = 0.53

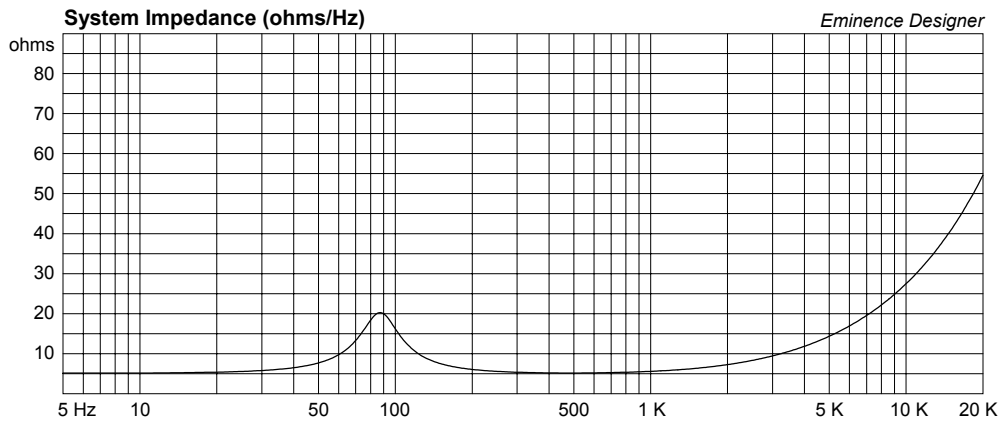
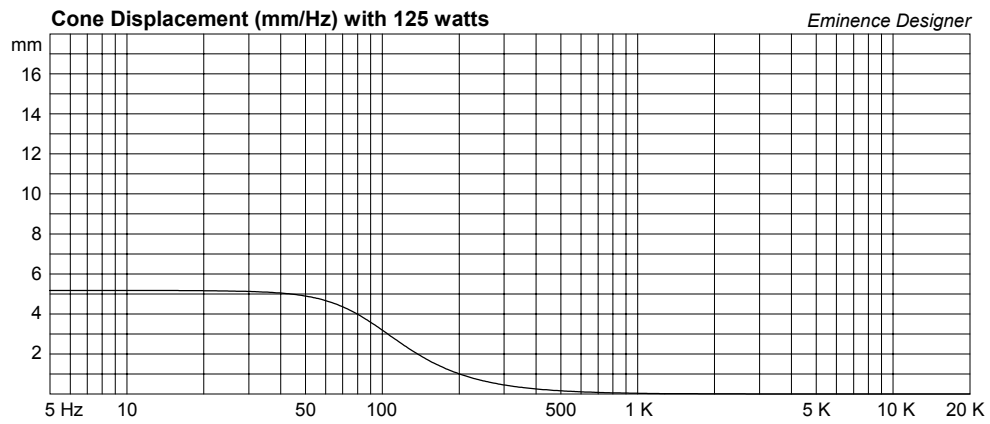
Re = 5.1 ohms

Le = 0.43 mH

Z = 8 ohms

Pe = 150 watts





BassLite S2012 Small Vented Bass Guitar Cabinet

By Jerry McNutt, Eminence Speaker LLC

Displacement Limited to 125 Watts.

Can be made Ultra light for extreme ease of transport.

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 1.4 cu.ft

V(total) = 1.584 cu.ft

Fb = 54.84 Hz

QL = 7

F3 = 64.14 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 3 in

Lv = 5.843 in

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 48.2 Hz

Qms = 5.5

Vas = 90.6 liters

Xmax = 5.2 mm

Sd = 519.5 sq.cm

Qes = 0.53

Re = 5.1 ohms

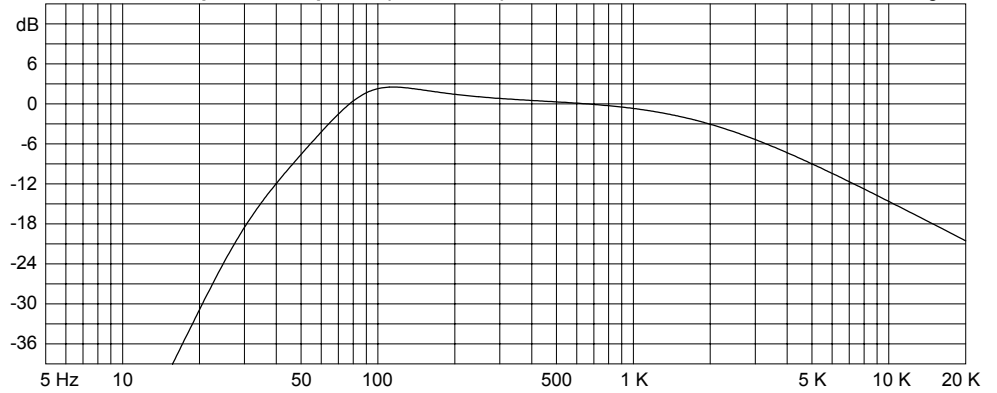
Le = 0.43 mH

Z = 8 ohms

Pe = 150 watts

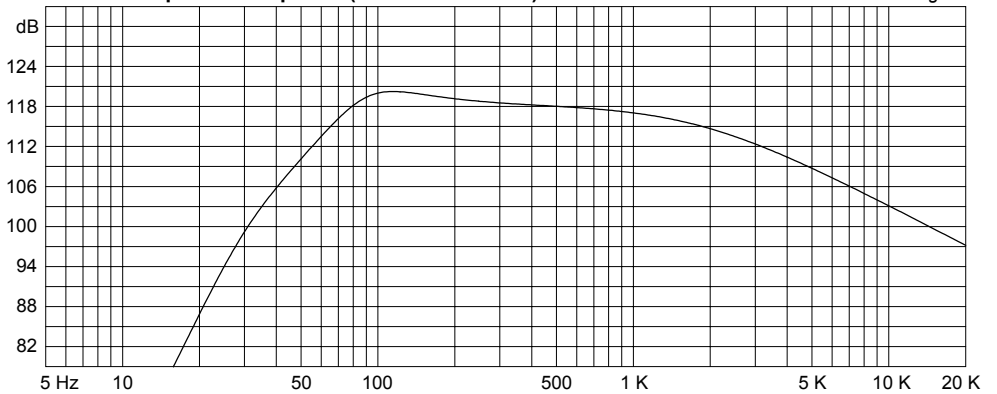
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



Custom Amplitude Response (dB-SPL/Hz at 1 m) with 125 watts

Eminence Designer



Maximum Acoustic Power (dB-SPL/Hz at 1 m)

Eminence Designer

