

BassLite C2515 Larger Sealed 1x15 Bass Guitar Cabinet

By Jerry McNutt, Eminence Speaker LLC

Displacement Limited to 100 Watts; F3 of 72 Hz. Use a 20 Hz High Pass filter to protect woofer from overexcursion.

Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 2.82 cu.ft

V(total) = 2.82 cu.ft

Qtc = 0.707

QL = 16.34

F3 = 72.41 Hz

Fill = heavy

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 38 Hz

Qms = 4.7

Vas = 260 liters

Xmax = 4.445 mm

Sd = 856 sq.cm

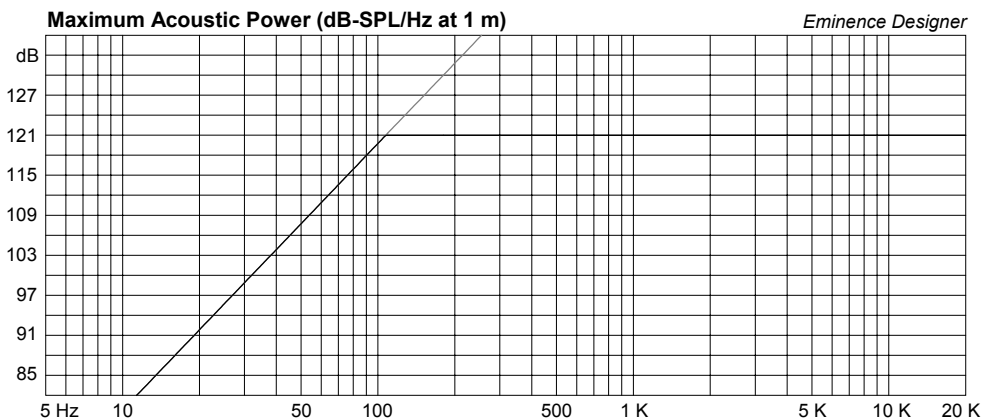
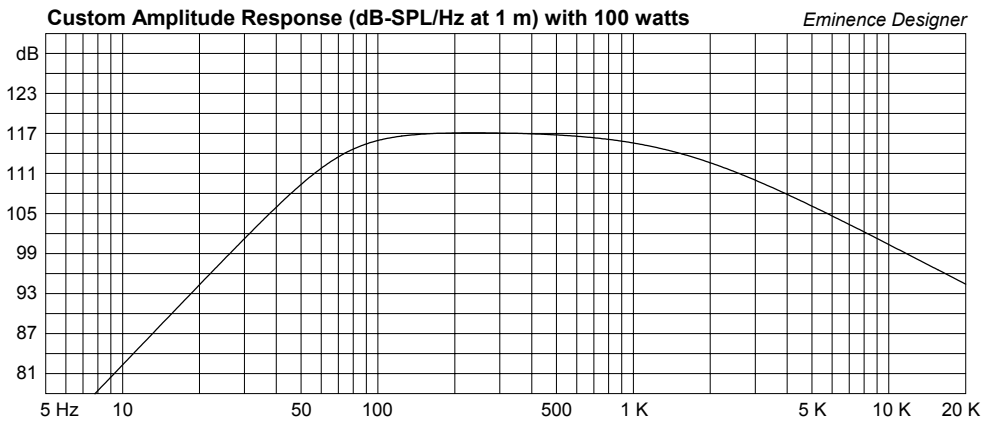
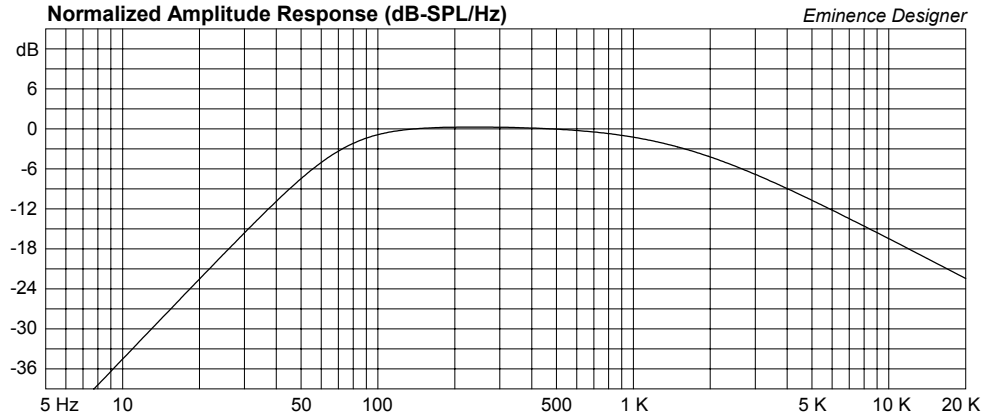
Qes = 0.5

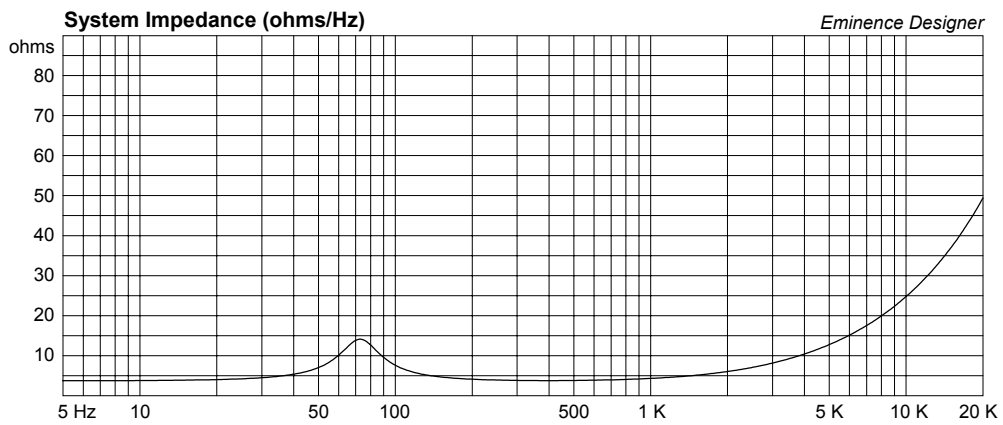
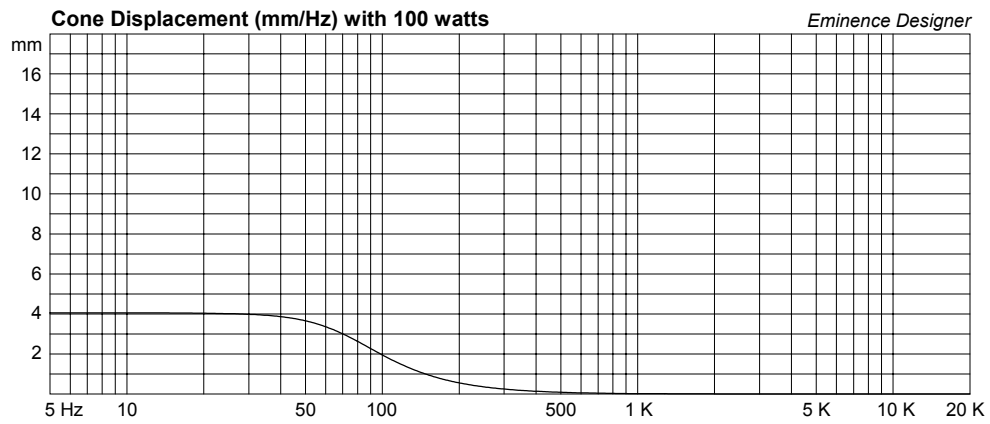
Re = 3.72 ohms

Le = 0.39 mH

Z = 4 ohms

Pe = 300 watts





BassLite C2515 Larger Vented Bass Guitar Cabinet

By Jerry McNutt, Eminence Speaker LLC

Displacement Limited to 200 Watts; F3 of 52 Hz. Use a steep high pass filter set to 35 Hz to protect woofer from overexcursion.

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square (optimum)

--Box Parameters--

Vb = 3.9 cu.ft

V(total) = 4.176 cu.ft

Fb = 48 Hz

QL = 7

F3 = 51.88 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 3.083 in

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 38 Hz

Qms = 4.7

Vas = 260 liters

Xmax = 4.445 mm

Sd = 856 sq.cm

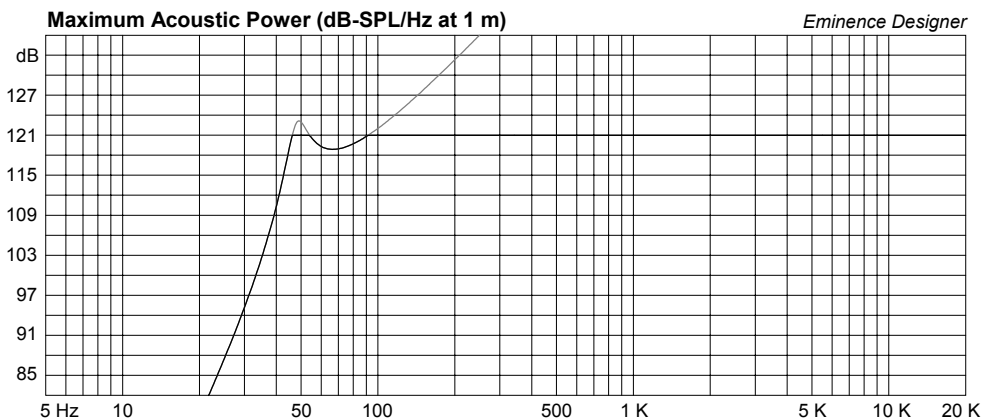
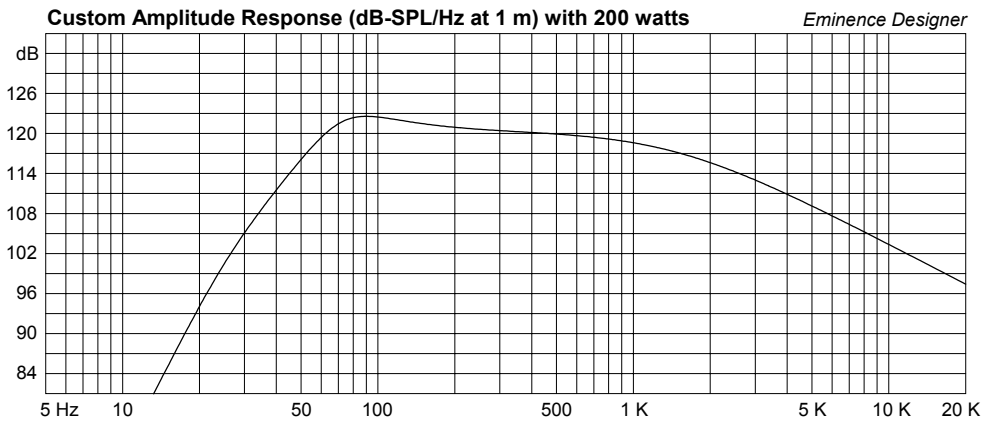
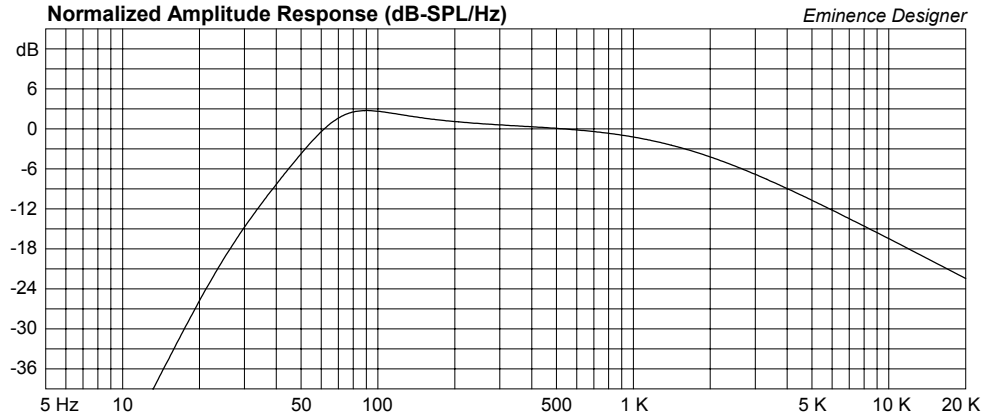
Qes = 0.5

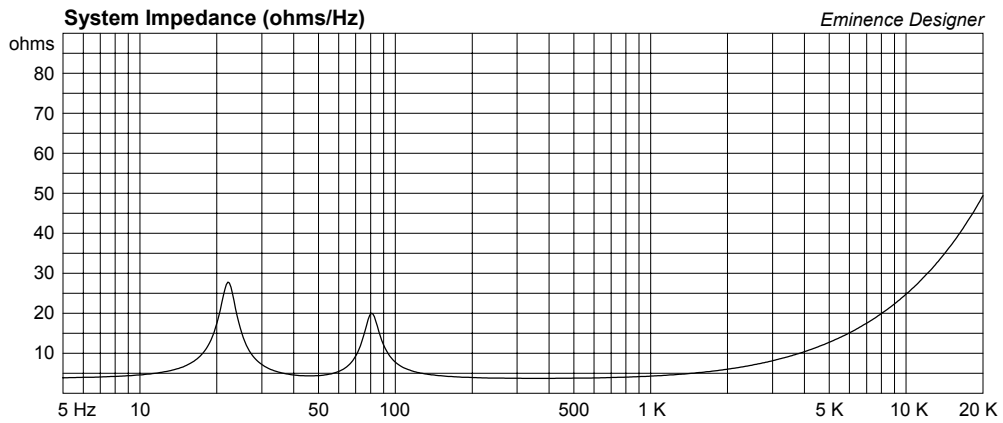
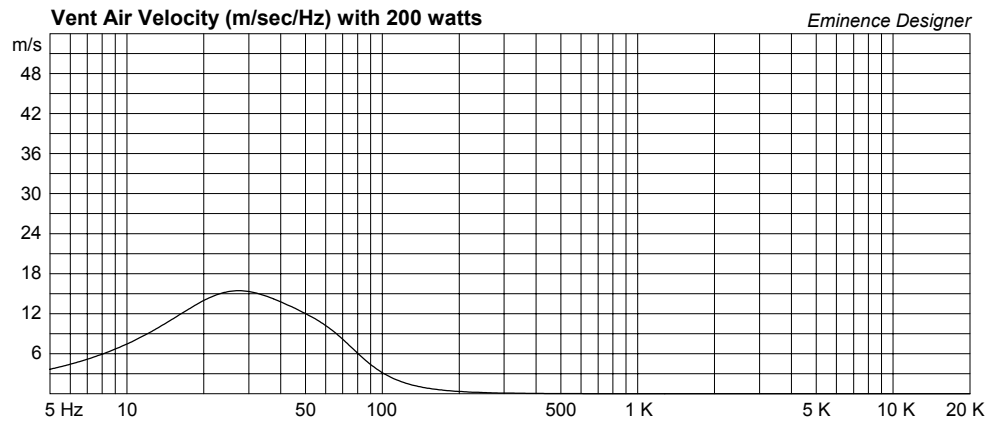
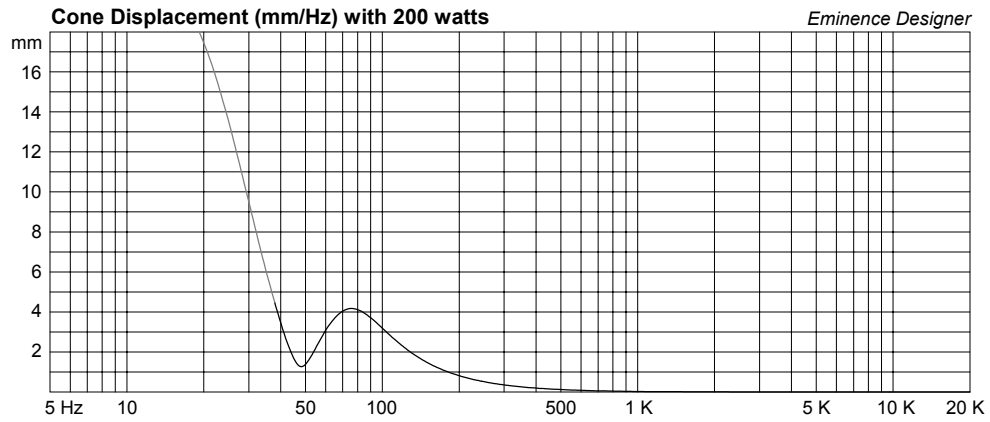
Re = 3.72 ohms

Le = 0.39 mH

Z = 4 ohms

Pe = 300 watts





BassLite C2515 Small Sealed 1x15 Bass Guitar Cabinet

By Jerry McNutt, Eminence Speaker LLC

Displacement Limited to 250 Watts; F3 of 78 Hz. Use a 20 Hz high pass filter to protect woofer from overexcursion.

Box Properties

--Description--

Name:

Type: Closed Box

Shape: Prism, square

--Box Parameters--

Vb = 1.61 cu.ft

V(total) = 1.61 cu.ft

Qtc = 0.847

QL = 18.63

F3 = 78.34 Hz

Fill = heavy

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 38 Hz

Qms = 4.7

Vas = 260 liters

Xmax = 4.445 mm

Sd = 856 sq.cm

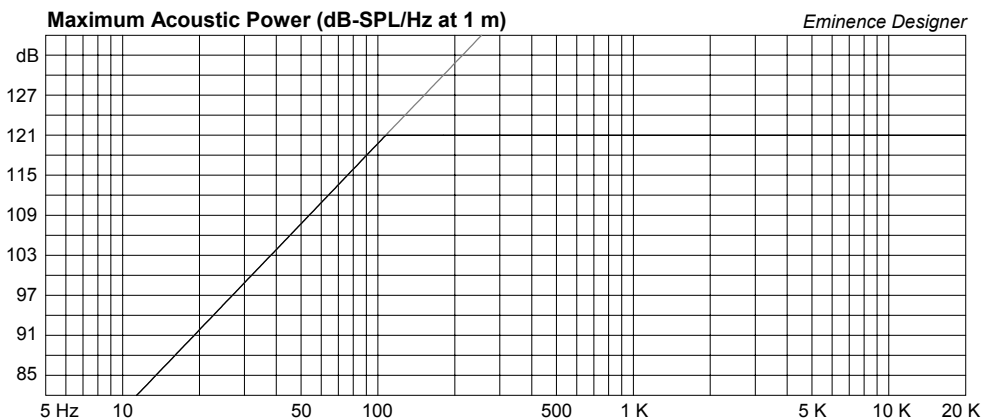
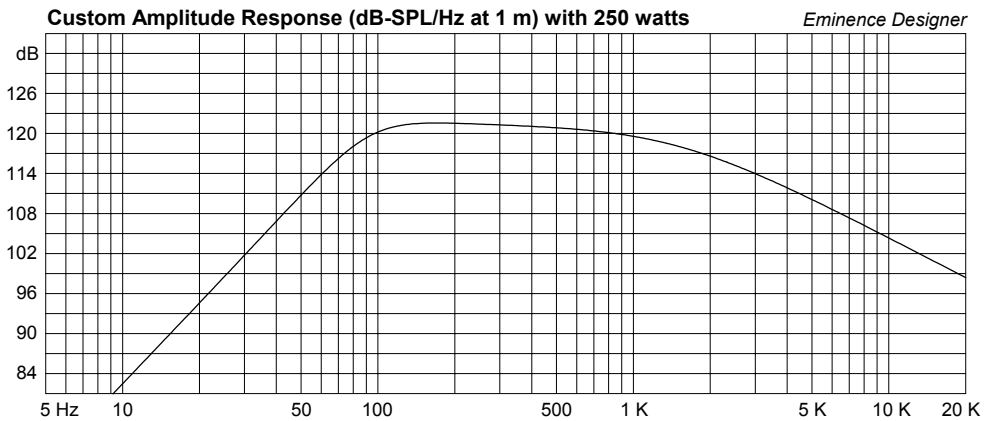
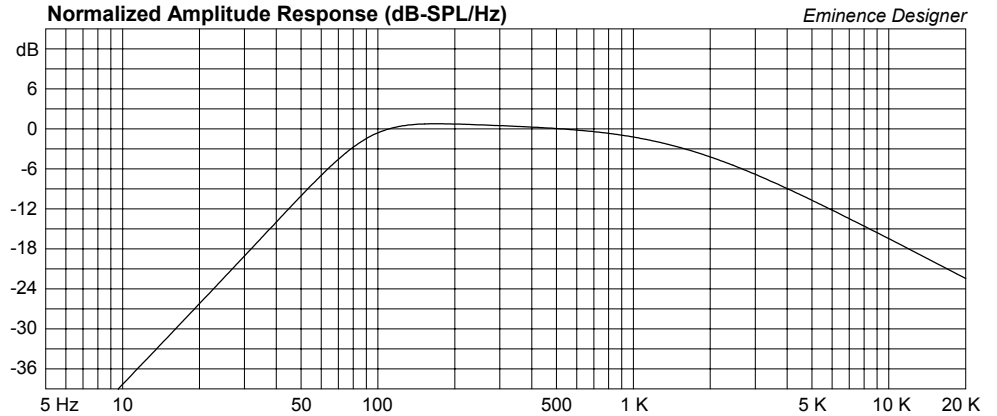
Qes = 0.5

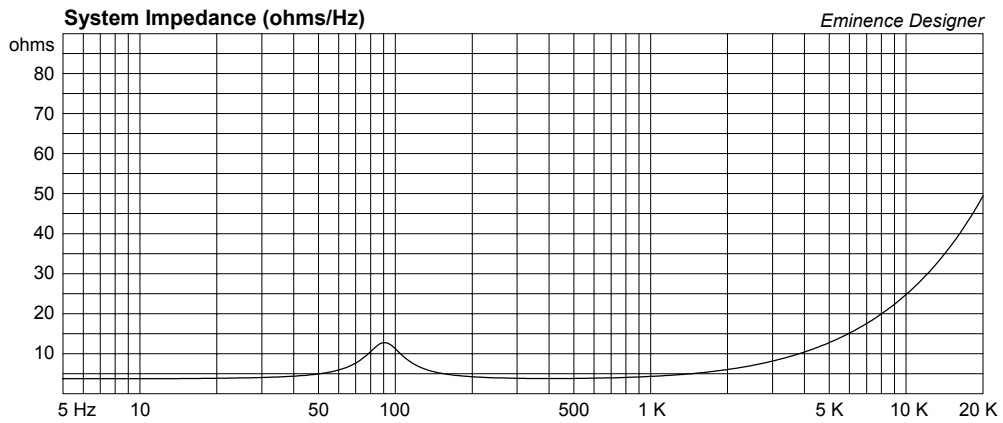
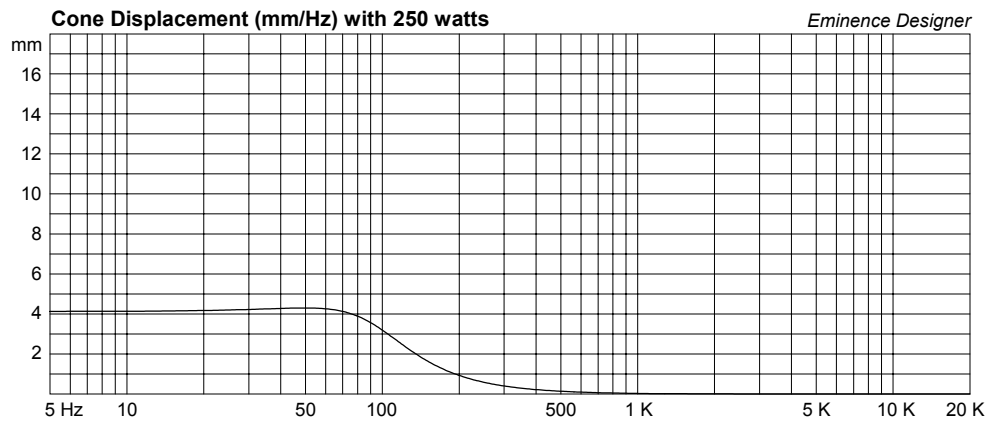
Re = 3.72 ohms

Le = 0.39 mH

Z = 4 ohms

Pe = 300 watts





BassLite C2515 Small Vented 1x15 Bass Guitar Cabinet

By Jerry McNutt, Eminence Speaker LLC

Displacement Limited to 275 Watts; F3 of 60 Hz. Use a high pass filter set to 35 Hz to protect woofer from overexcursion.

Box Properties

--Description--

Name:

Type: Vented Box

Shape: Prism, square

--Box Parameters--

Vb = 2.724 cu.ft

V(total) = 3.054 cu.ft

Fb = 48.32 Hz

QL = 7

F3 = 59.62 Hz

Fill = minimal

--Vents--

No. of Vents = 2

Vent shape = round

Vent ends = one flush

Dv = 4 in

Lv = 6.318 in

Driver Properties

--Description--

Name:

Type: Standard one-way driver

--Configuration--

No. of Drivers = 1

--Driver Parameters--

Fs = 38 Hz

Qms = 4.7

Vas = 260 liters

Xmax = 4.445 mm

Sd = 856 sq.cm

Qes = 0.5

Re = 3.72 ohms

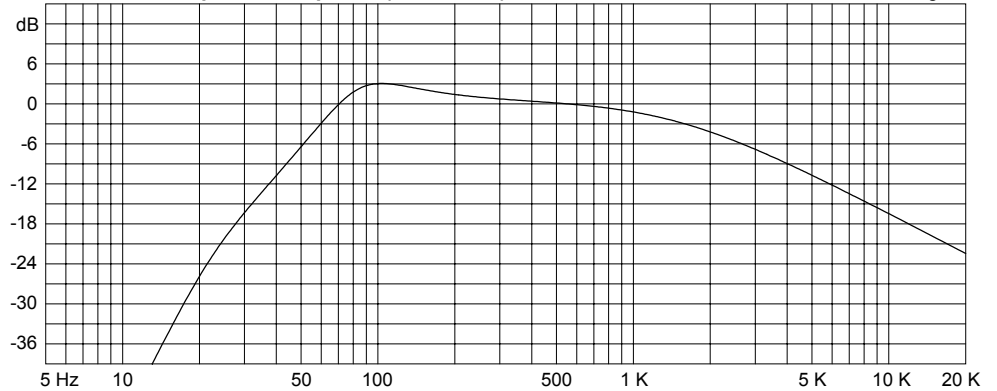
Le = 0.39 mH

Z = 4 ohms

Pe = 300 watts

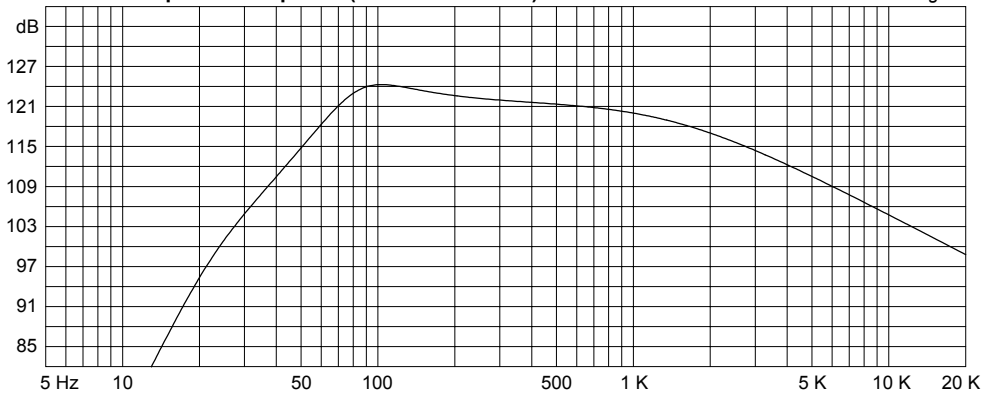
Normalized Amplitude Response (dB-SPL/Hz)

Eminence Designer



Custom Amplitude Response (dB-SPL/Hz at 1 m) with 275 watts

Eminence Designer



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

Eminence Designer

