

BassBox 6 Pro

File Edit Graph Test Tools Help

Design 1

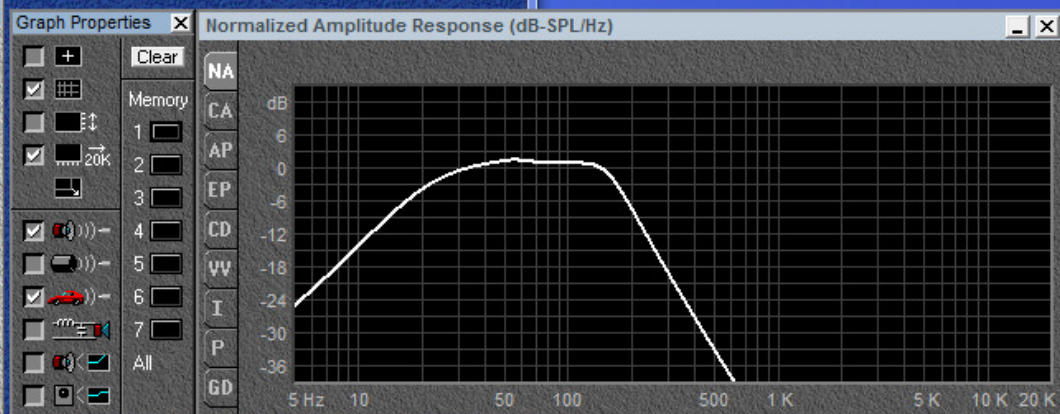
Driver Box Car Plot

Driver Properties

Name:
Type: Standard one-way
No. of Drivers = 1
Fs = 36.8 Hz
Qms = 7.94
Vas = 164.3 liters
Cms = 41 μ m/N
Mms = 455.4 g
Rms = 13.29 kg/s
Xmax = 15 mm
Xmech = 16 mm
P-Dia = 462.5 mm
Sd = 1680 sq.cm
P-Vd = 2.52 liters
Qes = 0.34
Re = 3.4 ohms
Le = 1.84 mH
Z = 4.08 ohms
BL = 32.45 Tm
Pe = 4000 watts
Qts = 0.326
no = 2.322 %
1-W SPL = 95.81 dB
2.83-V SPL = 99.52 dB

Box Properties

Name:
Type: Bandpass Parallel
Shape: Prism, Bandpass
with two chambers
Chamber 1 - lower-freq.
Vb = 3 cu.ft
Fb = 33 Hz
QL = 6.717
F3 = 23.5 Hz
Fill = none
No. of Vents = 1
Vent shape = round
Vent ends = one flush
Dv = 101.6 mm
Lv = 183.2 mm
QLv = 6
Chamber 2 - upper-freq.
Vb = 1.059 cu.ft
Fb = 100 Hz
QL = 6.912
F3 = 164.7 Hz
Fill = none
No. of Vents = 1
Vent shape = round
Vent ends = one flush
Dv = 152.4 mm
Lv = 45.21 mm
QLv = 6



Box Properties - Design 1

Description Box Design Damping Vents Interior Parts List

Select a Vent: ☒ Chamber 1 Vent (Rear LF) ☐ Chamber 2 Vent (Front HF)

Vent for Chamber 1 (Rear LF Chamber)

No. of Vents: 1

Vent Cross Section Shape

☒ Round ☐ Rectangle ☐ Other

Suggest Minimum Vent Area for Xmax

☐ Lock Vent Dimensions Fb = 33 Hz

Vent End Type

☒ One Flush End ☐ Two Flush Ends ☐ No Flush Ends ☐ One Flared End ☐ Two Flared Ends

Diameter (Dv): 4 in

Length (Lv): 7.213 in

QLv: 6

Summary:

Chamber 1 Vent

Fb = 33 Hz (locked)
No = 1
Round w/ one flush end
Dv = 4 in
Lv = 7.213 in
QLv = 6

Chamber 2 Vent

Fb = 100 Hz (locked)
No = 1
Round w/ one flush end
Dv = 6 in
Lv = 1.78 in
QLv = 6

Accept Cancel