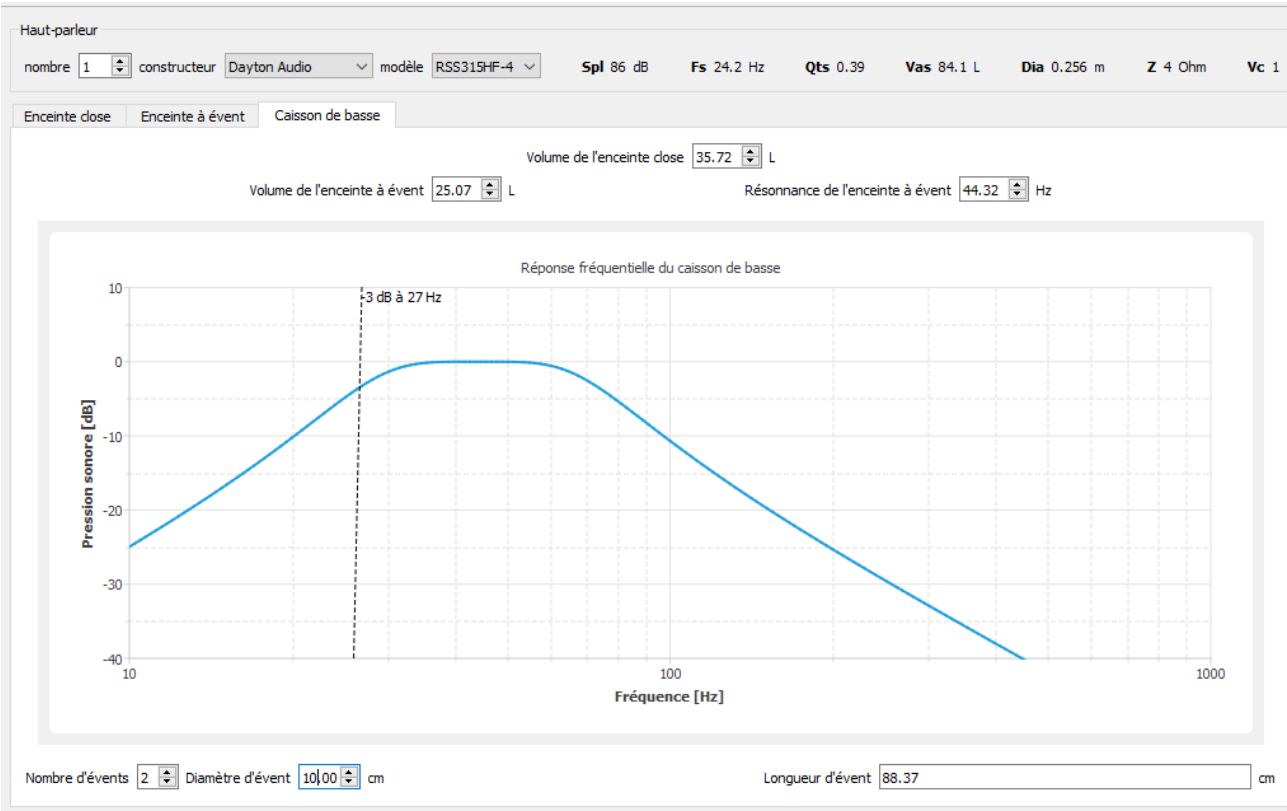
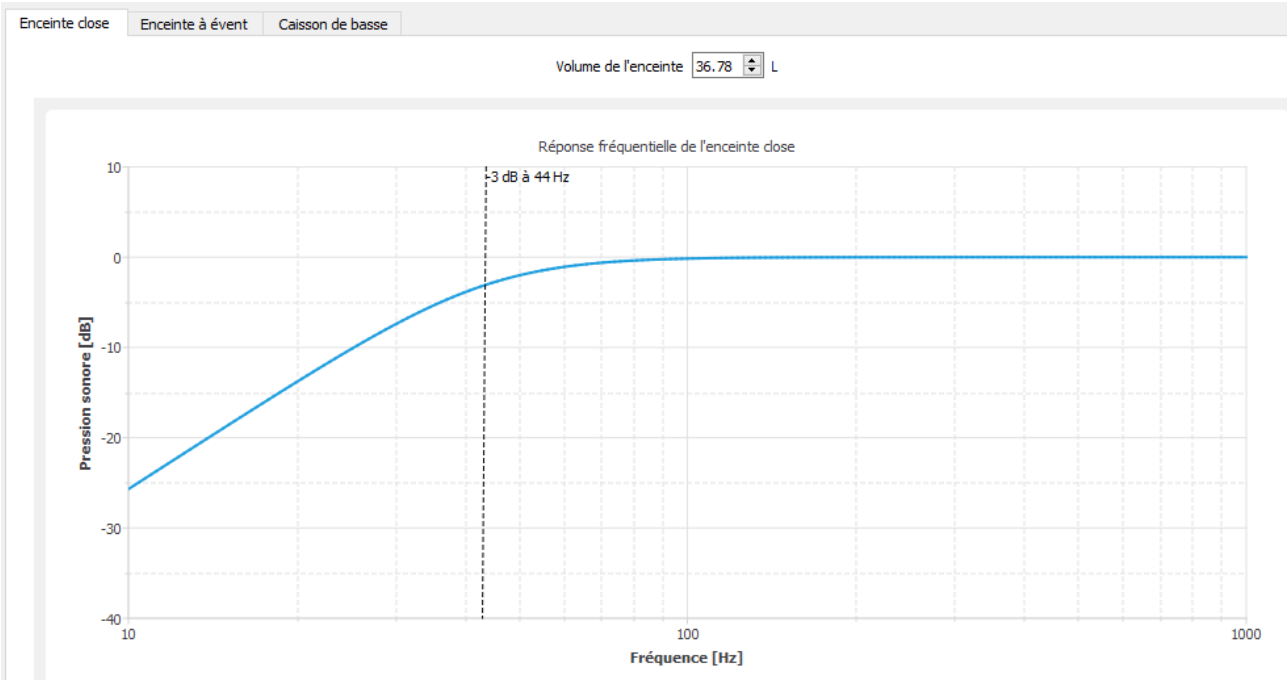


DAYTON AUDIO RSS315HF-4

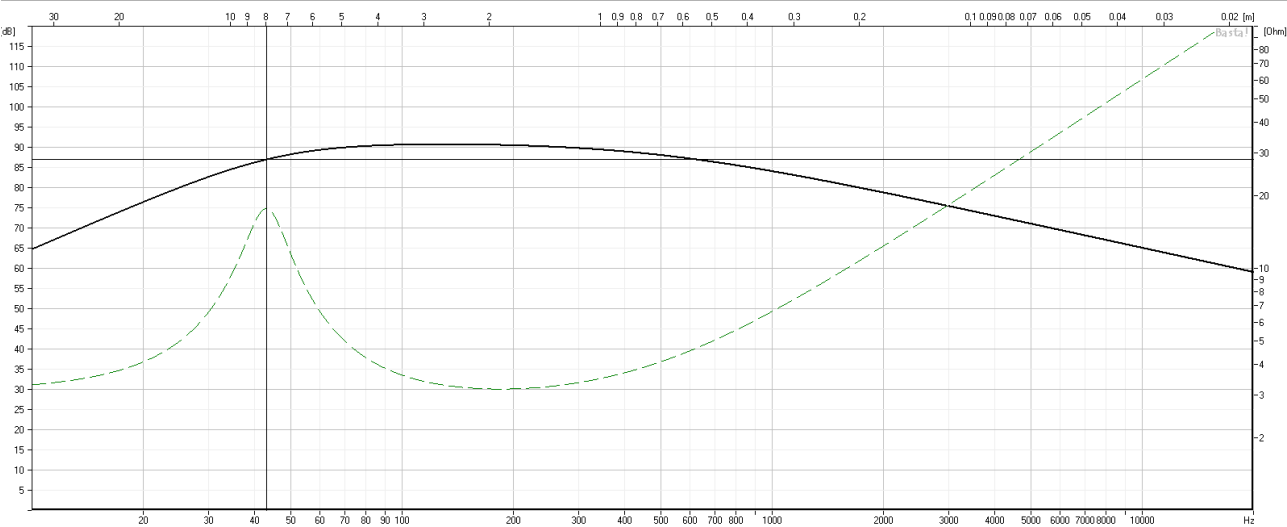
courbe du caisson de basse optimiser par qspeakers = 35,72L



courbe d'enceinte close par qspeakers volume = 36,76L

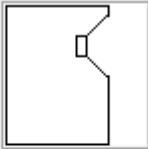


courbe d'enceinte close avec basta! volume = 37,93L



Box type

☐ Baffle
 ☐ Large closed box
 ☒ Closed box
 ☐ Vented box
 ☐ Bandpass box (1 vent)
 ☐ Bandpass box (2 vents)
 ☐ Measured response



Effective Vb: 37.93 liters

Vb [liter]

37.93

Viso [%]

0

Qb

20

f0 in closed box: 43.07 Hz

Q in closed box: 0.6652

Single driver data

Name

Dayton RSS315HF-4

☐ fs [Hz]
 ☒ Mms [g]
 ☒ Cms [mm/N]
 ☐ Vas [liter]
 ☒ Sd [cm²]

☒ BI [N/A]
 ☒ Re [ohm]
 ☐ Qes
 ☒ Rms [Ns/m]
 ☐ Qts

Le [mH]

0.96

Le loss (0-1)

1

Driver limits

Xmax [mm]

14.3

Pmax [W]

800

fs [Hz]

24.203451

BI [N/A]

13.99

Mms [g]

188

Re [ohm]

3.1

Cms [mm/N]

0.23

Qes

0.45283634

Vas [liter]

86.509388

Rms [Ns/m]

10.1

Sd [cm²]

514.7

Qts

0.39038512

# of drivers

1

# in series

1

Equivalent driver data

Compliance: 0.23 mm/N  
Moving mass: 181.3 g  
Diameter: 256 mm, 10.08"  
Qms: 2.831  
Vmax: 736 ml  
Sensitivity: 90.5 dB

☐ Show kr=1

Added pathway [mm]

0

Delay: 0 µs

Voice coil temp [°C]

20

Actual Re=3.1 ohm

☐ Reverse polarity

Save...

Load...

Download