

TABAQ Shorter version for 4 inch

The following simulations are done with Tang Bang W4-1320SJ with these parameters:

Fs 75 Hz

Vas 6.41 liter

Qts 0.355

Re 6.8 Ohm

Lv 0.013 mH

Sd 57 cm²

Enclosure, internal

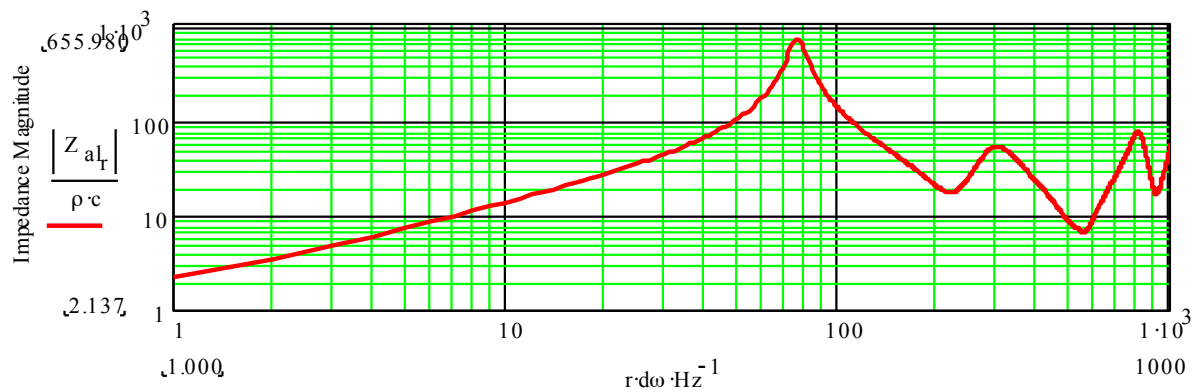
Line: Length 61 cm, cross section 171 cm²

Port, extension to the line: Length 5 cm, cross section 23 cm²

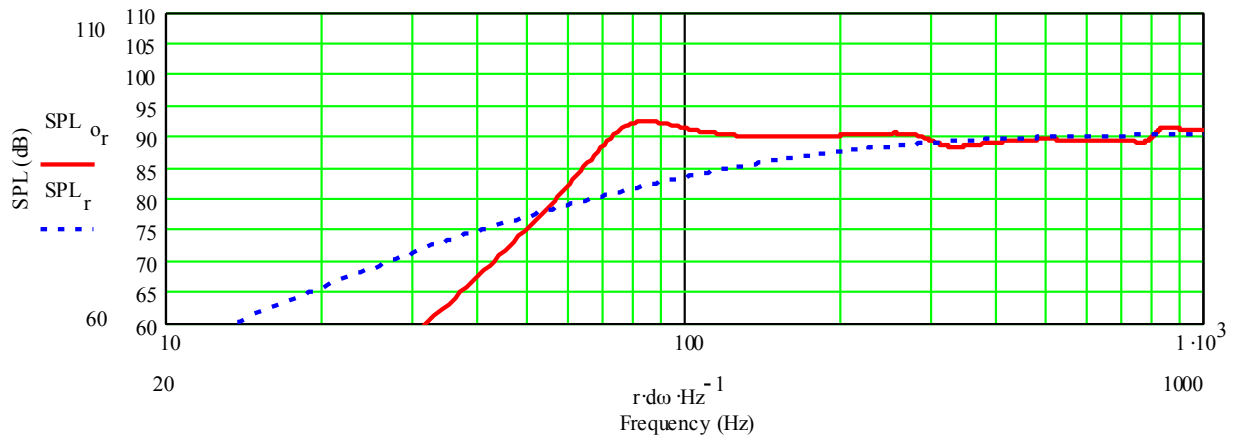
Stuffing: 67 gram upper 2/3.

Tuning

About 75 Hz, the same as driver Fs.



SPL



Comments

Compared to the original TABAQ, there is a lift from 80 Hz and up. The downside is the missing deeper bass.

I have not build this version, but it will have "punch" that might please you. A party speaker?

Try it, have fun !

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