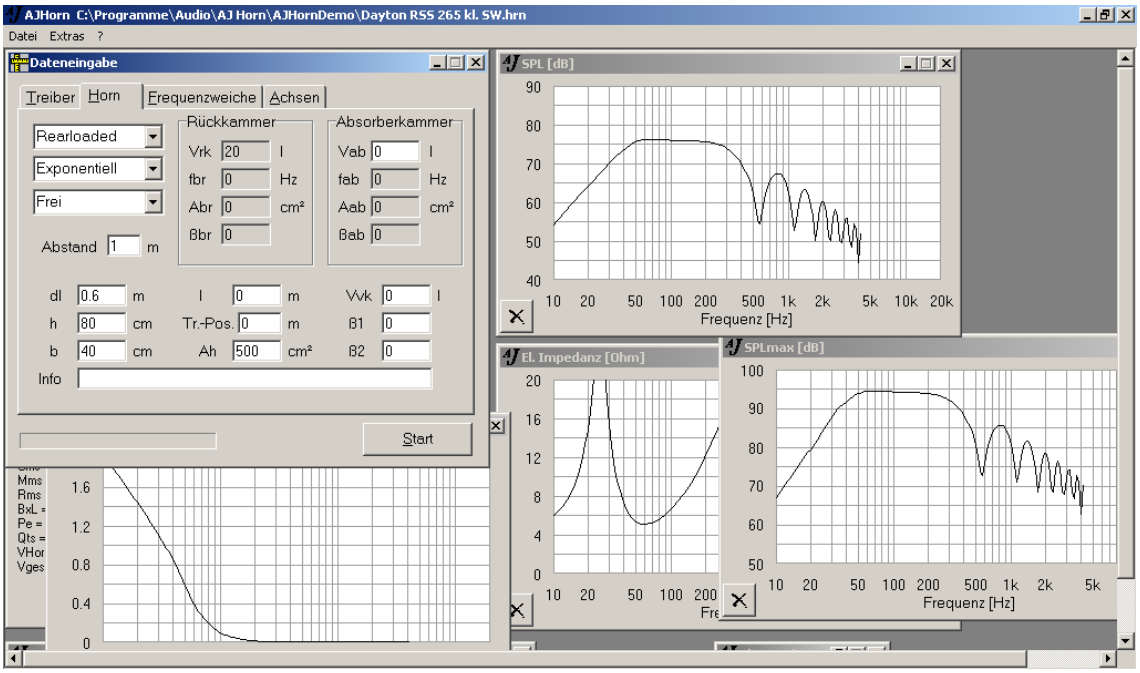
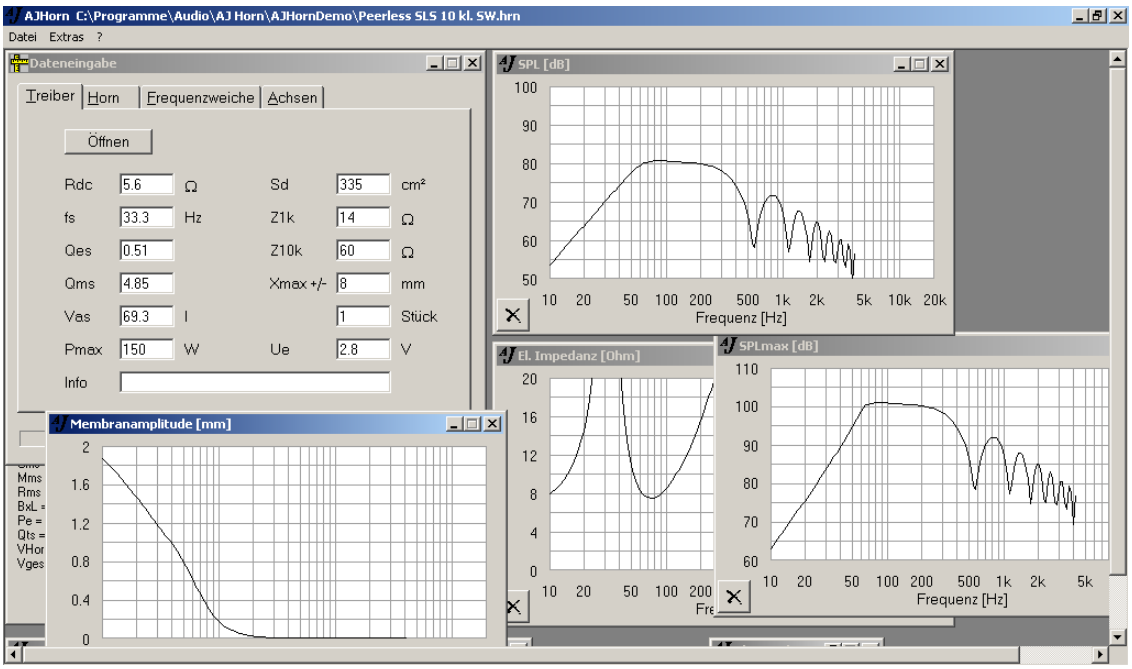
A few simulations with an old AJ-Horn programm, which was quite OK and consistent with real-world efforts.

These simulations are in a small baffle with an average dipole path of 60 cm, no room gain, 2,8 V, 1 m distance.

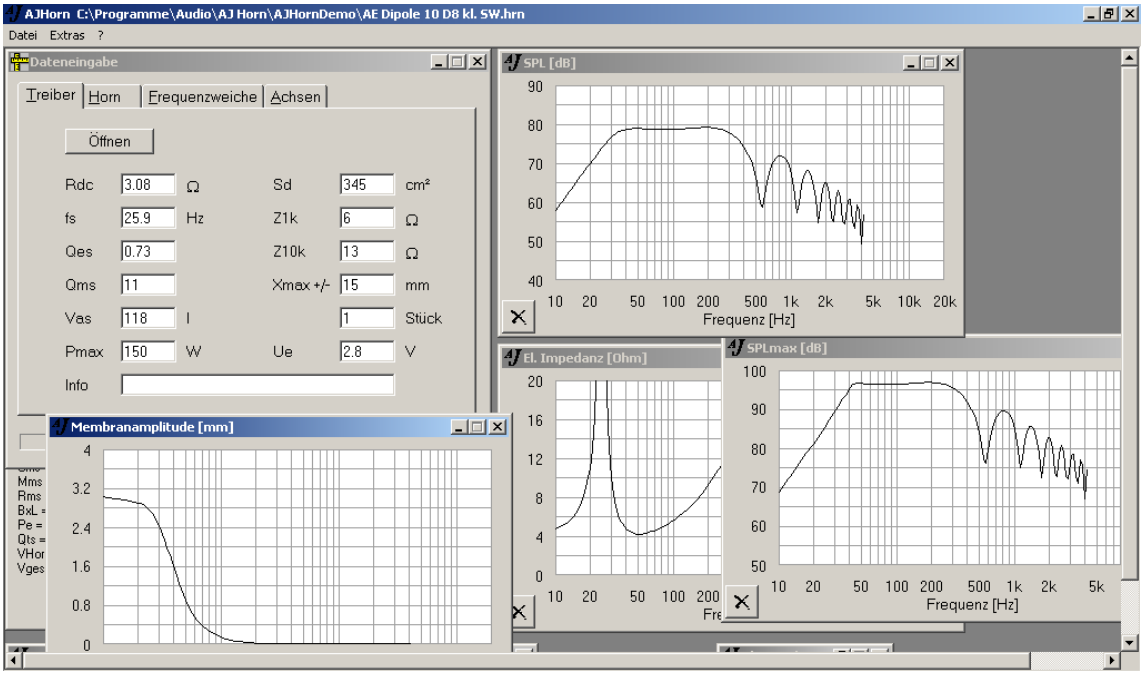
Except the AE Dipole 18-D8, which was simulated in a larger baffle with 1 m dipole path, app. like my big flower, and real-life experience seems to confirm the simulations, more or less, as always…



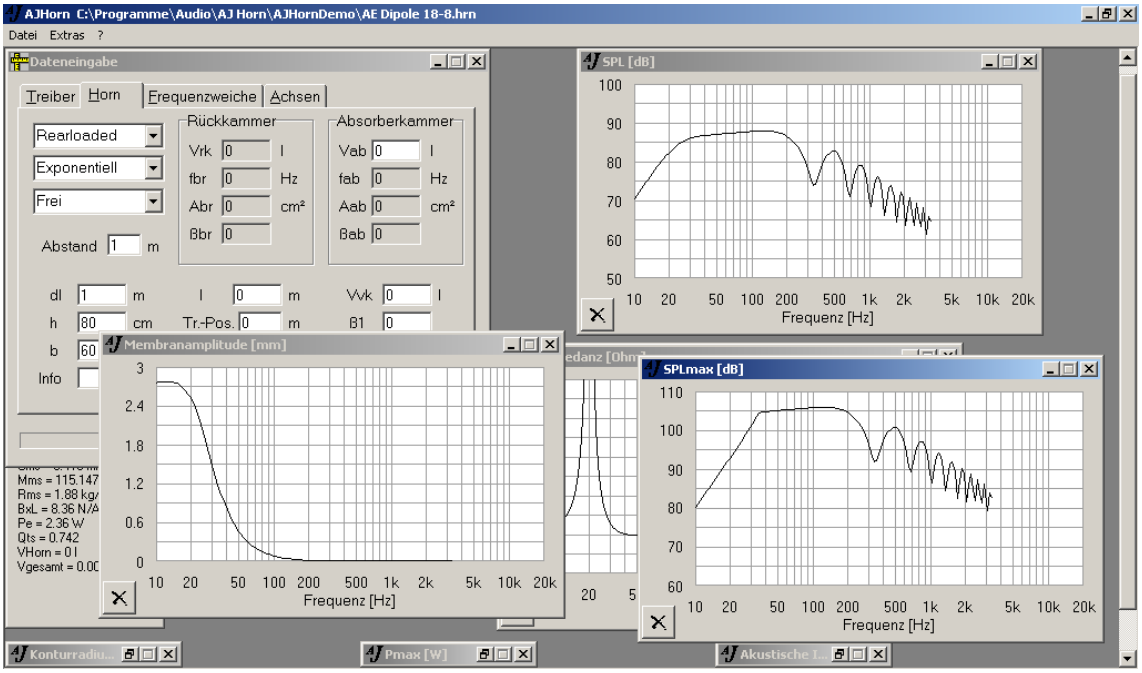
Above Jeshi´s Dayton RSS 265-4



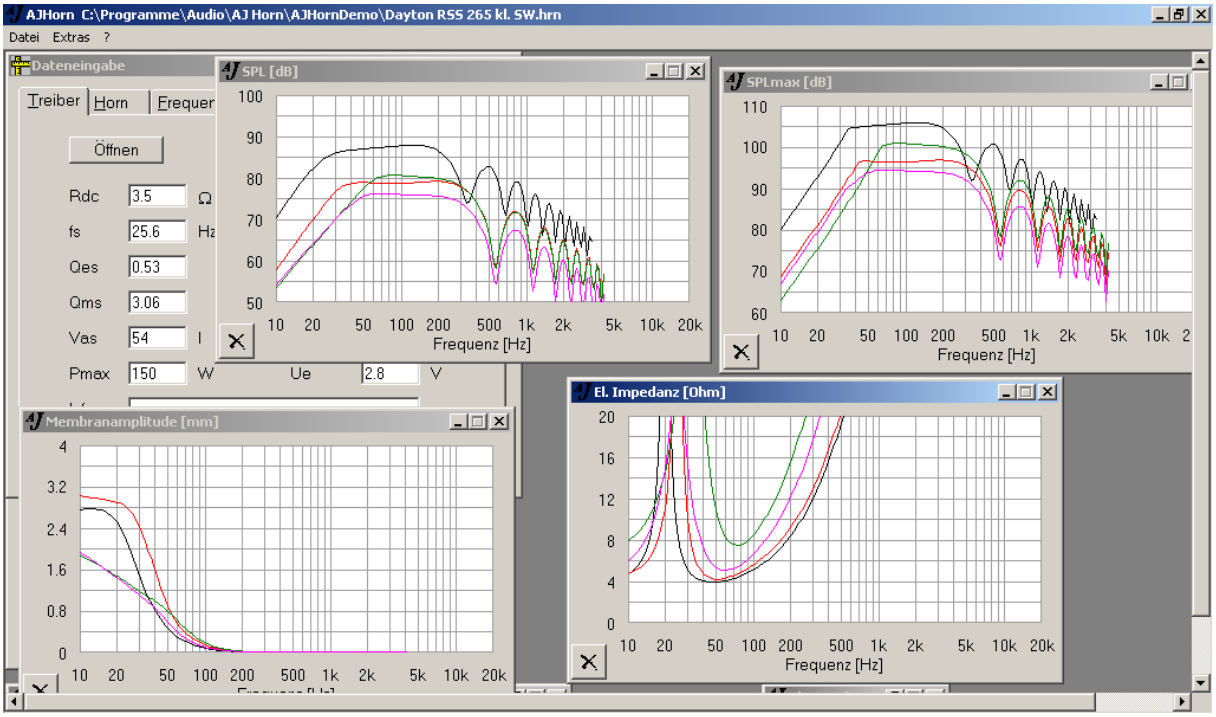
This is the Peerless SLS 10, same conditions



This is the AE Dipole 10-D8, coils in parallel, same conditions



And, for camparisons, the AE Dipole 18-D8, coils in parallel



These are all drivers together:
black – the Dipole 18-D8 in the larger baffle
red – the Dipole 10-D8 in the smaller baffle
green – the Peerless SLS 10 in the same baffle
purple – the Dayton RSS 265 in the small baffle

All simulations incorporate a series L of different value for compensation of the dipole loss.
For active use, think of 2 dB less at FS and imagine a 6dB rise from there.
This is just the dipole behavior, if a driver has a rising response, it is not simulated here.

Mattes