Subject: Re: WinISD 0.44
Posted by Wayne Parham on Wed, 19 Jun 2019 16:05:09 GMT
View Forum Message <> Reply to Message

The bass bin in my constant directivity cornerhorns is run low enough that the standing wave modes aren't an issue. There is some low midrange content, to be sure, but it is attenuated enough that the standing waves aren't troublesome.

My comments about the placement and insulation are directed at large cabinets run full-range. When a cabinet is larger than about 2.5ft3, the internal standing waves drop down enough that insulation on the cabinet panels isn't effective. But this is only an issue when the driver is a midwoofer, used up through the midrange band.

Subwoofers sometimes don't even have damping material in them, even physically large cabinets that would have standing waves in the midrange. But it isn't an issue because midrange isn't presented to them, so there is no energy to excite the modes.