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Subject: Re: Questions on Midrange Drivers

Posted by [Bill Wassilak](#) on Tue, 13 Apr 2004 14:48:21 GMT

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Some of the computer simulations I have ran had a hard time predicting hi freq response of cone drivers. I didn't measure the off axis polar response of my horns, but I was shooting for 90deg at the upper cutoff frequency (1.2Khz) to match the dispersion of my JBL2345 midhorns on top. The flare taper of my horns are a hyper-expo taper flare at 150hz, response was measured with a Peavey Scorpion Plus model 12825, a 12" guitar speaker that Peavey makes. The lowest I can run them is about 180hz otherwise I start getting that horn shout if I run them any lower. But other than that they are very smooth upto the 1.2k x-over point even off axis they pretty well match the JBL horns off axis. Bill W.

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