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Subject: Re: Symmetrical Array (and crossover issues...) Griffen? Craig?

Posted by [Duke](#) on Mon, 22 Oct 2007 02:38:29 GMT

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The ear's sensitivity to SPL and distortion both peak at 3.5 to 4 kHz. So imho you really don't want to screw up that region. Now it's not so much that you can't get away with a crossover in that region - not at all. It's that you can't get away with a mediocre crossover in that region. I don't see how something as narrow as a ribbon could give you the kind of radiation pattern control you'd need to benefit from a Geddes-esque 45 degree toe-in. I think makes sense to just resign yourself to treating that early nearsidewall reflection, which isn't the end of the world. Duke

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