Subject: Re: Been learnin' about crossovers
Posted by Bill Epstein on Tue, 06 Sep 2011 19:03:53 GMT
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Wayne Parham wrote on Mon, 05 September 2011 23:13
One thing I've learned about crossovers - Textbook garden-variety filters are never optimal. The best crossover will always have some fudged values, not textbook ones. Getting the phase angles right for the complex load and specific path lengths always means juggling the values to dial-in the lobe.

I have to start somewhere and although I do know how to sing into a microphone I don't have one, or measuring equipment.

The main thing I want to accomplish is to see if a lower crossover point will rid the speaker of beaming from the woofer. That's assuming the woofer is beaming! Seems like the Linkwitz-Riley has become the default for dynamic speakers and pro crossovers so...why not? All it will cost is some time, I have all the parts.

Stay tuned.