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Subject: re: Jim's great explanation to the "secret"  
Posted by [Marlboro](#) on Thu, 07 Sep 2006 22:51:23 GMT  
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Jim, This certainly makes sense. It also suggests, but you didn't say it, that you are talking about woofer lines as opposed to smaller speakers such as 3-4 inchers, which are not woofer lines, and require a sub to give them the bass they need. These speakers would have enough at the top end of their range to not be affected by the woofer measurements that you made. My 3.5 inch sammi's do not seem to exhibit what you measured. But to be sure I would have to look up the measurements for them, although they were made in the room as a whole rather than the array in an anechoic chamber or outside. And of course, with tri-amping, electronic crossovers, and constant Q equalization, all of this is less of a problem for me than someone who is stuck with whatever they might have developed with passive crosses. I would hope that most people who go to the extent of building arrays would also buy the measuring equipment they need to at least develop a full sweep frequency response, especially since other than the microphone and its phantom power supply it's usually just software programming for their laptop. I know that's often too much to ask, but..... Thanks for your explanation. I am always enormously appreciative of your willingness to assist my questions here and those by email with my real name, as you did recently. And I'm not the only one you do that for. You must have some kind of university teaching position somewhere considering your patient teaching responses. You have a busy life I'm sure, and I have no problems about a delay in your responses since I know that eventually you will have time to respond and will do so. Marlboro

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