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Subject: Re: Smoothing Effect on FR of multiple speakers  
Posted by [Still Marlboro](#) on Tue, 01 Sep 2009 15:49:13 GMT  
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I wonder if you measured them individually and then measured them as their sound mixes with the others.

Now I know that sound that returns to you in an echo or a "backwash" through the speaker that is different than the primary projected sound by less than about 30 millisecond is not recognized by the brain. But I still contend that while not recognized as a significantly different tone, it does add to the muddiness of the speaker sound, something that is simply too subtle to show up on a FR curve, but clearly audible in an AB comparison.

As you describe above, real world interactions of sound often are different than simple graphs.

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