Subject: Re: Downfiring flanking subs ??
Posted by Wayne Parham on Fri, 26 Feb 2021 22:28:09 GMT
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What you're describing may work well. It's definitely better to have the flanking subs near the boundary than it is to have them near the mains they're flanking. This is counter-intuitive, I know, and it would not be true outdoors where we would want the subs in-phase with the mains. But indoors - with all the multiple phase relationships from room modes and SBIR - we benefit from having some distance between the mains and the subs.

But like I said above, what we want is to "fill in the hole" from SBIR with that wall behind the

destructive interference. So by having another sound source in between the midwoofer and the wall, we are able to mitigate the problem. That second sound source will not have destructive interference at the same frequency. So it will "fill in the hole."