Subject: Re: Mono "flanking sub"
Posted by Wayne Parham on Tue, 10 Nov 2015 03:14:06 GMT
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You can always provide equalization to fine-tune the response. That sometimes offers additional improvement. But the biggest advantage is from summing of multiple sound sources, which smoothes the sound field using dense interference. That's the point of multisubs, of which flanking subs are a specialized subset. The best performance comes from running both flanking subs and one or two distributed subs.

What you've done is to dial in a single sub. Running it to relatively high frequency and blending it with the mains tends to smooth the self-interference from nearest boundaries, which is using the principle of the flanking sub approach. That's good, but like I said, I think it may make localization a problem on some material. Still, your measurements have shown it to be effective for you, at least for smoothing of the 80-150Hz range, which is the range where flanking subs are most effective.