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Subject: Re: Standing wave notch  
Posted by [DMoore](#) on Mon, 14 May 2007 19:56:44 GMT  
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I think that LF drivers have a power-frequency bandwidth, that is, they are most efficient in certain topologies and that each combination of driver and loading topology is further bandwidth-limited or at least frequency-specific. Throw a crossover into the mix, and stir vigorously. Place in a room of unknown acoustic parameters...I too have been on the search for the so-far-still-elusive low-frequency response combined with the appropriate ability to "punch". Seems that if a particular driver is good at one end of the spectrum, it gives up the other. Getting a balance is a combination of the loading, the specifics of the driver and the crossover. The crossover is an important consideration in the mix, too. Room suck-out could be a culprit, but if you had punch in the first place, it is unlikely that it would be removed completely. My opinion is that it is the particular driver/loading/crossover combination. No clean answers to this one. DM

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