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Subject: Re: Baffle spacing for 4Pi?

Posted by [Wayne Parham](#) on Mon, 30 Aug 2010 02:24:58 GMT

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port in the same positions, I would not expect you to have any problems with standing wave harmonics mucking up the midrange. That's a design that has been tested extensively.

Putting a 15" woofer in there makes it a little different though, in that the midwoofer is larger. But I think the standing waves would line up pretty much the same, and the pressure and zero nodes would be in the same places. So that's a pretty good way to go.

The thing is, I think that cabinet may be a little small for your woofer in terms of damping. You won't have standing wave problems, but you may have more traditional T/S alignment problems. That part is easy enough to check with garden variety T/S simulators though.