Subject: Re: 4pi vs 3pi plans

Posted by Wayne Parham on Tue, 08 May 2012 20:50:10 GMT

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Sorry, I wouldn't suggest modifying the plans. The internal standing waves line up in specific locations and it is important that a pressure node not be on the driver or port. Smaller cabinets can be tweaked without much worry because the standing waves are higher in frequency and insulation is pretty effective at damping them. But these larger cabinets shift the modes down in frequency, making the insulation less effective at damping the modes. So source position in relation to the cabinet walls becomes more important.