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Subject: Re: Pi 3 subwoofer

Posted by [Wayne Parham](#) on Fri, 13 Jul 2012 01:09:29 GMT

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Your results look good, and you could expect a nice little subwoofer from that 1ft<sup>3</sup> box. It isn't very large and yet has 35Hz f<sub>3</sub> and 22Hz f<sub>10</sub>. Port area is 12in<sup>2</sup>, so you can make it 3.5" square and 5" long.

That woofer is suitable in tiny little boxes from 0.5ft<sup>3</sup> up to about 3ft<sup>3</sup>. Helmholtz frequency should be 20-25Hz.

I'd probably put it in a box between 1ft<sup>3</sup> and 2ft<sup>3</sup> with Helmholtz frequency of 22Hz. It will work well in cabinets that size range.