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Subject: Re: Basshorns verses direct radiators - *<i>It's a question of size.</i>*

Posted by [Wayne Parham](#) on Sat, 28 Jul 2007 02:18:45 GMT

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One thing to consider is the environment a subwoofer is measured in. Most are stating a ground plane measurement. That's reasonable since it is easiest to do and is where the subs will be used. But it's 3dB louder than free space. A woofer that is capable of, say 93dB/W/M from 40Hz to 100Hz as a direct radiator in freespace would measure 96dB/W/M in a ground plane measurement. A pair of these in a sub cabinet would measure 102dB/W/M.

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