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Subject: Internal standing waves and port position

Posted by [Wayne Parham](#) on Mon, 18 Oct 2010 21:02:44 GMT

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Sorry to sound like a broken record, but ultimately you're still dealing with the same issue. The thing you're concerned about is internal standing waves. You can't prevent them from lining up inside the box, but you can prevent them from adversely affecting the response curve. The way to do this is to put the port in a benign position and/or damp the inside of the cabinet with strategically placed absorbent material. The problem is it isn't always easy to know what positions work best. But you can model the cabinet mathematically, and verify with measurements. Without that, you're sort of working in the dark.

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