Subject: Re: Cabinet design, port placement and internal standing waves
Posted by Wayne Parham on Wed, 27 Feb 2013 21:50:02 GMT
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dheflin44 wrote on Wed, 27 February 2013 15:16Are there any simulators available that would predict where the internal high pressure nodes will be?
Yes, Martin King wrote an excellent modeling tool in the form of a series of MathCad spreadsheets. They used to be available for download, but I think he may have pulled them because he felt commercial users were taking advantage of him. I can empathize with him, and respect his IP so naturally paid his commercial licensing fees.

This whole thing is a hobby for me, but it's hobby turned business and that means commercial licensing is appropriate, in my opinion. Darn well worth the fee, and Martin is a nice guy too, by the way, very intelligent. But I digress.

My point is that's the tool I have used and found most effective. Measurements tracked predictions very well. Check the link below, and see if the spreadsheets are available. If not, you might write to Martin and inquire about licensing. For personal use, I think he'll go easy 'cause they were sort of GPL'ed at one time.
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