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Subject: Re: Alpha 10 modeling  
Posted by [rvsixer](#) on Tue, 20 Dec 2011 22:17:41 GMT  
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Thanks for the thermal/mechanical explanation. My winisd modeling follows the expected responses you outlined, except that xmax appears to be exceeded. Or is xlim the value we are trying to stay under?

Not doubting, just trying to learn modeling vs. real world. I've checked and rechecked the input numbers and just can't get it straight. Even more confusing is I have modeled several other woofer/subwoofer designs, and all of them were pretty much spot on modeled vs. real world (using xmax as the mechanical limit, I assume to avoid high distortion values).

Please take a look at the attachments, maybe you can see where I am going wrong. Thanks!

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#### File Attachments

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- 1) [2pi\\_tower\\_spl.jpg](#), downloaded 3964 times
  - 2) [2pi\\_tower\\_port.jpg](#), downloaded 3851 times
  - 3) [2pi\\_tower\\_4w\\_xmax.jpg](#), downloaded 3956 times
  - 4) [2pi\\_tower\\_100w\\_xmax.jpg](#), downloaded 3969 times
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