Subject: Re: Alpha 10 modeling
Posted by Wayne Parham on Wed, 21 Dec 2011 02:28:48 GMT
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Like I said, I think your model is probably pretty good at this point. While I wouldn't generally suggest designing a speaker to operate near xlim full time, I would say that exceeding xmax in this speaker isn't terribly objectionable. This speaker doesn't sound bad when the ~60Hz region is between xmax and xlim at high volume levels. And as I said earlier, you'll reach the thermal limit before the mechanical limit with these speakers, unless you lean on them below the Helmholtz frequency. They're safe at that level, all day long.

What does the response curve look like with your current model?