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Subject: Re: Thermal limits vs Excursion Limits  
Posted by [ToFo](#) on Sat, 23 Jul 2005 06:32:21 GMT

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I am excited as well. Many times I have simulated with various long excursion drivers, only to find that some don't do  $x_{max}$  in band until 2x thermal power in the desirable boxes. I was beginning to wonder about the designers intentions. Now you're talking about getting all the travel these drivers promise, and not replacing them all the time. I know all too well about frozen, open and detached VC's. The shop I used to work at sold competition car audio as well as hi-fi. I have seen VC's deform into the gap, but I never saw a "backplated" coil or ripped suspension in a good box. I really want to build a pair of these horns your working on. I have done enough simulation and real world stuff in the last few years to already see the potential. I want subs that can modulate my voice. (so please test that capacity while you are torturing the prototype) Thomas

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