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Subject: Re: Cool link Wayne, and esp one para  
Posted by [hurdy\\_gurdyman](#) on Thu, 12 Jan 2006 16:49:59 GMT  
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It's interesting to note that even loudspeaker manufacturers can't get every driver of a certain model to sound and measure exactly alike. Small differences in things like suspension and cone thickness cumulate to make variations in T/S parameters like  $f_s$  and  $Q_{ts}$ . I've read of some people who measure  $f_s$  of a given driver to be off as much as  $\pm 10$  dB. It's just very hard to get a vibrating surface to perform exactly like another. That's why it's usually recommended to measure each driver individually before designing a given enclosure. Dave

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