Subject: Re: Are there any good books about audio measurement?
Posted by HearForYourselfAudio on Fri, 26 Feb 2016 01:55:05 GMT
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I agree with the previous comments about both the books and the pitfalls of measuring in a listening room. I find that gated measurements are the best way to eliminate room effects. In my impromptu rig, I actually go outside. I take my speaker and place it on the top of a step ladder. The mic is then set a meter away. A 12 ft (3m) ladder gives you reflection free measurements down to roughly 100Hz. That should be good enough for crossover design purposes. Low frequency performance can be made using a ground plane technique, which can then be spliced with the "gated" data. This technique is outlined in the books mentioned.