Subject: Re: 4Pi measurements
Posted by zheka on Wed, 24 Oct 2012 13:56:51 GMT
View Forum Message <> Reply to Message

I really appreciate you taking time to help me with all this.

1. it is a second-hand woofer. I will check the Zobel connection. But if I need to, how do I go about measuring the woofer by itself? Do I remove it from the cabinet and feed the signal directly, bypassing the crossover? or should I keep it in and simply disconnect the compression driver? or keep it in but bypass the crossover? Also, what frequency range should the test signal cover? Is 40Hz-2kHz range reasonable?

2. re: HF roll off. What are the common measurement pitfalls that can account for this? I am thinking that positioning of the mike may be the issue. I tried to point it at the edge of the woofer or slightly above, between the woofer and the horn. If I remember correctly, that's where the center of the front lobe is supposed to be. But given that the measurements are fairly near field, should not the mike be pointed straight at or at least much closer to the center of the horn?

thank you