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Subject: Re: Dedicated horn loaded mid -- big disappointment.

Posted by [Wayne Parham](#) on Thu, 15 Oct 2009 01:17:15 GMT

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You could try Speaker Workshop, which is freeware. For more information on things like what you'll need to get going, how to make measurements, what to look for and how to do it, see the Measurement forum, here on ART.

Measurements are best taken outdoors, free of reflections from walls that cause notches in

On the other hand, if all you're interested in is higher frequencies, you can get away with working indoors. The process is called "pseudo-anechoic" and what is involved is setting up the measurements to send the signal and only capture what happens before the first reflection arrives. You do it with gating, which is setting the measurement "window".

Pseudo-anechoic measurements are a great way to get work done indoors, say on a cold winter day when you don't want to be outdoors. Since the crossover frequency is often where you're most interested, and since this is usually high enough to do pseudo-anechoically, that saves you from having to make all measurements outdoors.