Subject: Re: going way out on a limb here... Posted by Bill Fitzmaurice on Fri, 04 Mar 2005 02:13:27 GMT View Forum Message <> Reply to Message

You won't get a stable reading with pink noise. The best way to use it is to take a few readings and average them. You also won't get the same dB reading with pink noise as you will with swept sine, as with pink noise the power is spread across the spectrum while with swept sine power is all concentrated at one frequency at any one point in time. To derive SPL using pink noise you have to reference a single frequency within the plot to a reference SPL measured with sine at a single frequency. For a full range speaker 1kHz is the usual frequency of choice.

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