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Subject: measurement questions

Posted by [artsybrute](#) on Tue, 26 Aug 2003 17:06:02 GMT

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Hi Wayne, Some questions regarding measuring speaker parameters: 1. "So simply measure the DC resistance of the driver with an ohmmeter, and use the impedance found when measuring the driver's resonant frequency for  $Z_{max}$ ." I'm missing something here. All the tests until this point seem to give frequencies, not impedances. How do I determine the impedances  $Z_{max}$  and  $Z_{min}$ ? 2. It seems that the scope is used to determine highest voltage and .707 times that. Can I just use a voltmeter instead? 3. When taking these measurements, is there a way to determine the speaker sensitivity? Should I just use an SPL while running the 1 volt RMS with the resistor? Will sensitivity change unequally for the drivers due to their different enclosure volumes? TIA