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Subject: Anyone here with a working ARTA impedance measurement box ?

Posted by [zobsky](#) on Mon, 02 Jul 2007 18:40:13 GMT

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I'd like to verify resistances between various points of the jig to verify if my ARTA impedance jig is wired correctly. Even better if you are in the Dallas area. I can generate the correct response curves (shapewise, impedance peak at correct frequency) but the impedance values themselves are off, despite the correct reference resistor and calibration procedure. Thanks

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Subject: Re: Anyone here with a working ARTA impedance measurement box ?

Posted by [Wayne Parham](#) on Fri, 06 Jul 2007 03:07:55 GMT

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I have impedance jigs for Speaker Workshop and for LMS. I don't use ARTA but it appears to be an MLS system like Speaker Workshop. The test fixture shown below is similar to what I have; Is this what you're trying to make?

ARTA test fixture

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Subject: Re: Anyone here with a working ARTA impedance measurement box ?

Posted by [zobsky](#) on Fri, 06 Jul 2007 03:22:08 GMT

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Yes Wayne, that's the ARTA jig that I built. It's been suggested that the floating grounds on the outputs of sonic impact amp that I'm using might be causing the issue. Either that or (I'm guessing) a wiring error. I'm pretty sure it's not the SB Audigy 2 sound card's fault (though I've tried several others). I've been trying to avoid this, but since the sonic impact was my only small amp, it looks like I'll have to lug out one of the solid state beasts to test out the outputs issue.

My thread at diyaudio

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Subject: Re: Anyone here with a working ARTA impedance measurement box ?

Posted by [Wayne Parham](#) on Tue, 10 Jul 2007 15:59:12 GMT

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I would try a different amp. The T amps use a switching technology that may affect test results. If you try a different amp and still get the same results, then check the wiring.