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Subject: testing chokes

Posted by [PakProtector](#) on Wed, 05 Jan 2005 23:03:53 GMT

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Hey-Hey!!!,I am prepering to test a choke for DC tolerance and self resonance.For pure AC inductance, I am going to use 60cps because it is easy. A resistor in series, to determine AC current( from teh department of redundancy department ).  $\{V\text{-inductor}/V\text{-resistor}\}$  times  $\{R/2\text{Pi}60\}$ =inductance in Hy.An adjustable current regulator with DC voltage supply greater than V-ac peak-to-peak ought to allow me to determine its DC tolerance. Say a 40 vac signal and a 200VDC supply feeding the current regualtor. Might have heat issues with the CCS, but that's OK, I can deal with that.Any suggestions at improving this method?regards,Douglas

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