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Subject: A few measurements

Posted by [Forty2wo](#) on Tue, 30 May 2006 00:40:40 GMT

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For what there worth. I am referring to my somewhat sketchy notes. These were done in haste, I don't like to run my 300b's with the filaments sideways. I was mainly just checking that I hadn't just built an oscillator and was not driving any of my expensive bits to destruction. 2Vp-p input = 200V output into 16 ohms At @ 225Vp-p I would just start to see a flattening of the negative going wave. I did not stop to check if it was the driver or output stage I ran a few frequency sweeps, mostly to check for peaks, or oscillation. If I remember correctly, (Damir, help me out here) -3db is .707 % of the reference (150Vp-p into 16 ohms) value. If so that corresponds to 12Hz to about 42kHz. The .5 power points are < 10Hz to 85kHz. Square wave response looked pretty good. a good sharp leading edge and almost no overshoot till > 10k or so. Like I said this is not meant to be a scientific evaluation. I just wanted to know if it was safe to hook up...John

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