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Subject: Re: Do you think it is possible...

Posted by [Damir](#) on Tue, 23 May 2006 19:28:51 GMT

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IMO - no, the voltage "swing" is only +/- 70Vp maximum, B1+ = 400-410V and Ua=190V. Lacking the scope, I can't see the waveshape at the CCS output, I can only tell what I heard. The sound is very clean and direct - not a sight of distortion. I think that Pete Millett measured about 0,04% THD with CCS-ed D3a in triode with 10Vrms out...It is about 0,2% with 50Vrms out, pretty good. The load is high-impedance grid choke. Again, I don't have a THD meter...huh. But, Russ - I lose the interest about theoretical speculations a bit - this empiric (trying different things and listening test) phase is even more interesting. I'd also like to know why the tube with lower rp sounds "softer" then similar, higher rp one? Then sound of capacitors and resistors, PS...Yes, I have various theories...based mostly on theory - but again, without proper measurements I can have just the part of the picture, for now. Anyway, the amp sounds fine - I think that I'll use E180F for the driver...huh, I have only two....for now...

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