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Subject: Re: Class A, AB1, B, C Operation/Modes  
Posted by [positron](#) on Wed, 17 Jan 2024 03:32:11 GMT  
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gofar99 wrote on Mon, 18 December 2023 20:20Hi, Somehow I missed that you had responded recently. Anyhow two things come to mind...one class B PP is only useful IMO in modulating AM ham radio transmitters. Class A and AB are quite suitable for high fidelity reproduction. My preference is class A triodes and class A with U/L if pentodes are used. My experience has been that AB operation seems to change the sound somehow that I can't measure but can hear. On another note the fact that the guy mentioned ignored the truth and insisted in the incorrect information seems to be a thing that many others have been doing in the media and dare I say politics.

Hi Bruce,

I have been testing some tubes and found the new Tung Sol 6550 and Penta KT88 are my reference in PP AB1 operation. I am running ~29 watt plate dissipation on each tube (~70ma idle), which may be high enough to account for the natural. (Both type tubes were given to me as a gift years ago.)

Anyway, the transparency of my system is at least 1 part in 4.1 million, so extremely transparent (polypropylene power supplies) and ear extremely sensitive. Using 20log, that is -132 db.

It allows me to hear real, natural instruments and all the back round at the venue on the recording. But it took some 43 years, off and on to accomplish. If I mentioned this before, please accept my apology.

The extreme sensitivity of the ear is probably why you were able to hear and not measure. I have tested other brand tubes, and sonic changes did occur if I remember correctly.

Anyway, if one is in central Illinois, please feel free to pm me, love to show the work I am doing. :)

cheers

pos