Subject: Re: Optimal settings for 6P3S-E output tubes in Leben CS-600(X)s
Posted by gofar99 on Sun, 08 Oct 2023 13:57:54 GMT
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Hi, I have both a tube tester and use hour meters on the tubes it was up to 6200 before I moved it to the other amps. I still use it as my number two system and have accumulated many more hours. The extra 1800 was a guess.

There really should not be an issue with the output impedance as long as it is the one designated by the speaker company. What does matter is if you use a different one. The output transformer primary impedance is related to the secondary load impedance. If you use say a 16 ohm tap on 4 ohm load the primary impedance will be different than spec. Usually it is about linear so a for example an 8 ohm load on an 8 ohm tap will give you the correct primary impedance. If you put a 4 ohm load on the same tap the primary impedance will be close to 1/2 of what is was. This can be useful on occasion. If you need a 4K primary and have a 16 and 8 secondaries on a 8K transformer using the 16 ohm tap on 8 ohm speakers will be pretty close. The down side is that there can be response issues because of the way the transformer was designed respect to inductance and sometimes power handling ability.