Subject: Re: Tubes versus Transistors
Posted by positron on Tue, 04 Feb 2025 06:19:09 GMT
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gofar99 wrote on Fri, 20 September 2024 21:45Hi Pos, Humm. I don't believe I have seem any gear with -132db fundamentals. The noise floor of the best gear I have is about -120 so the fundamental would not be audible. What gear were you using?

Sorry for the late reply 99.

I refer to altering the frequency response and using the typical 20log equations, which are generally the standard for frequency response deviations and other specs. There are various ways of checking. The ear is extremely sensitive to fr variations.

I started my venture to help a friend back in 1980, when I was 30 years old. I have since designed every piece of gear from scratch, including ics, preamps, monoblock amps, and for the last 13 years my two way speakers. It started in my lab, I then retired at home (my apt is my lab now). I was in manufacturing as SAS Audio Labs, retiring in 2012.

I just kinda finished my venture by ordering Jenalabs 6N copper wire and installing parallel "strands". It will optimize at some number of parallel "strands", probably different than typical 3N copper, which was 11 "strands" of 18 gauge, ~7 feet long.

Right now, I am altering the sonics a couple of ways. The first is by bending one lead of each inductor's wire slightly, one inductor for the bass and the other for the treble response.

The second method is by using a 2 ohm Mills resistor in series with the wide band driver. This is the reference for sound.

I am by parallel the 2 ohm resistor with either no resistor (reference), or 8 megohms, 4 megohms, 2 megohms, or ~1.333 megohms. I may yet use another value.

There are other ways of checking ear sensitivity but I shall end my diatribe. :)

cheers

pos