Subject: Re: How quiet is quiet enough
Posted by Wayne Parham on Thu, 26 Jan 2017 19:43:37 GMT
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This is a good topic, Bruce.

Since I run efficient speakers, the acceptable noise floor is lower than it would be for speakers with average sensitivity.

Speakers with voltage sensitivity in the mid-to-high 80s don't hum as much from power supply noise as high-efficiency designs that are 10dB more sensitive. So I am much more concerned with power supply ripple and rectifier switching hash than some folks.

Of course, the white noise from tape or lots of gain stages is as much a function of overall gain as it is in the efficiency of the speakers. So that's different - a similar but separate issue. I also think it's a little less distracting than power supply noise, or hum from ground loops and that sort of thing.