Subject: Re: Recording Silence
Posted by Wayne Parham on Tue, 22 Feb 2022 01:01:28 GMT
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I guess your question is really how to make the signal to noise ratio as high as possible, which is the holy grail of many amplifier makers. They want the passages in between music to be dead solid black quiet. If you have that and good dynamic range for transients, you have a great amp, provided the other obvious specs like distortion are good.

But if all you really wanted was a quiet recording, that's pretty easy in the digital realm. All sampled bits must just be zero. By definition, then, the recording is perfectly "quiet." Of course, we still have to be able to present that to the loudspeakers, which requires an amplifier chain, and that takes us back to the first paragraph.