Subject: How is dbv rated "A" in testing of gear
Posted by gofar99 on Wed, 08 May 2024 02:06:34 GMT
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Hi a hole in my knowledge. If you have a bode plot of an audio voltage and the results are in dbv how can the "A" rating be applied to it. Sound levels are easy to figure ...just look on a chart. But how to relative levels in measuring work. Example at 30 HZ the level (of noise as it was) is -64dbv at 200HZ it is -90dbv. and so on. So clearly the -90 is less noisy, but how much? If "A" weighting is applied what then?

Subject: Re: How is dbv rated "A" in testing of gear
Posted by Wayne Parham on Wed, 08 May 2024 16:42:31 GMT
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If you think about it, the various equal-loudness curves are sort of like filters. I mean, they're not a filter applied to a signal like the RIAA curve used on vinyl albums. But they are a representation of SPL/Frequency - a plot that represents how loud a frequency is perceived compared to other signals of other frequencies, given a specified amplitude.