

---

Subject: How is dbv rated "A" in testing of gear

Posted by [gofar99](#) on Wed, 08 May 2024 02:06:34 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

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

[View Forum Message](#) <> [Reply to Message](#)

---

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.

---