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Subject: Re: Harmonic distortion Thanks! A follow-up, please?

Posted by [Mike.e](#) on Sat, 21 Aug 2004 05:51:09 GMT

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Check in your local library for audio technical books. I had one with a picture of the B&W Re % and db, no because db are log scale. "Distortion is higher at 20 Hz than at 30 Hz even though the displacement is the same. This is a curious result. The fundamental drops  $40\log(30/20) = 7$  dB, as expected. The 2nd and 3rd harmonics, though, remain at nearly the same sound level, as the voice coil swings through the same range for each of the excursion dependent non-linear parameters. Thus the distortion percentage increases"-I dont think so-  
Linkwitz lab

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