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Subject: Re: Is 16/44 high enough?

Posted by [Wayne Parham](#) on Wed, 29 Jul 2009 20:18:22 GMT

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I wonder if it's the ultrasonics or possibly the waveshape or distortion. In a way, these are all ways of saying the same thing because harmonics would be shifted up out of the (traditionally recognized 20-20kHz) passband and waveshape modifiers can be expressed as (Fourier series) harmonics.

On the other hand, it could be that the real issue is something like non-linearity, where it may be that the audible thing isn't so much the high frequency harmonics as it is the non-linearity itself - the harmonics are just one way of seeing the non-linearity, a side effect, if you will.