
Subject: Re: How much do the harmonics matter?

Posted by [GM](#) on Fri, 16 Dec 2005 15:12:29 GMT

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Greetings!?! Considering the ~accuracy of your horn math models, I'm flabbergasted that you could think this. If true, then a horn could only produce discordant sounds. What changes is the harmonic structure's fundamental (F_0) and number of harmonics since horns are $1/2$ WL resonators, ergo below this frequency their resonance structure is non-harmonic as a function of its flare rate ('M', aka 'T' factor) and frequency (F_c).GM
