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Subject: Re: constant power

Posted by [tolits](#) on Wed, 16 Jan 2008 07:54:09 GMT

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Hi Linc, Looking at the Vu meter of Speaker Workshop. It appears that signal picked up by the microphone has increased as the limiting signal is increased. Apparently, the speaker is becoming more efficient when there is a reduction on the negative going signal. When the limit is 0, the 2nd harmonic I get at the 2nd harmonic graph is 4.03. Vu meter reading for the microphone is 22,873 and -22,610. With limiting signal increased or the reduction of negative going signal by 50% the 2nd harmonic distortion is down to .762. However, the signal picked by the mic has increased to 28,607 and -27,894. This increase is proportional to the decrease in the negative signal. As I decrease the signal in small increments, the signal picked up by the mic increases which should not be unless the loudspeaker is becoming more efficient. Input signal is decreased but the output increases. I hope I am using SW correctly. What do you think? Lito

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