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Subject: Distortion vs Output

Posted by [GarMan](#) on Wed, 01 Mar 2006 18:43:33 GMT

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According to spec sheets of National's amp chips, THD declines as output power increase. As an example, THD for LM3886, 8 ohm load, 1kHz: 0.03% at 10 mW 0.01% at 0.1 W 0.006% at 1 W 0.003% at 10 W. Does this mean that if I put an L-pad at the output of the amp to reduce signal to speaker by say 20dB, I can force the chip to operate at a higher wattage and therefore, lower distortion? gar.

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