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Subject: Ever wondered what makes tubes sound different from transistor amps?

Posted by [Adrian Mack](#) on Fri, 14 Jan 2005 15:11:56 GMT

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If so, then you should read this:<http://users.ece.gatech.edu/~mleach/papers/TubeVsTrans.pdf> It involves a series of AB tests on experienced guitar players in terms of judging frequency response, ripple distortion, electrical impedance effects, and a number of other areas. It actually turns out according to this article the main reason that a tube amp sounds so much different from solid state is the different frequency response created from the speaker impedance load.

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