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Subject: Transmitter Tubes

Posted by [Wayne Parham](#) on Wed, 02 Jun 2004 17:42:26 GMT

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I understand that transmitter tubes aren't as linear as smaller tubes. When operated Class C, I don't suppose linearity is as important as power. But I also know that no tube is linear over its entire useful range. A reasonably flat diagonal section of its load line is used and the engineer designs a circuit that sets the tube to operate within this region of the curve. So I'm wondering if transmitting tubes can be similarly used. What's the trade-off's for Class A and Class AB operation?

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