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Subject: Re: what's next?

Posted by [PakProtector](#) on Wed, 12 Oct 2005 01:12:07 GMT

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From Mike: the impedance created by the inductive load increases with frequency and can become substantially large (much larger say than a chosen plate resistor value for a particular application). What sort of self resonance frequency to typical plate load chokes have? you can of course restrict your answer to those which you have experience with. Just to go into another of the downfalls of inductive loading is that once self resonance happens, increasing the frequency yeilds a lower impedance, since the capacitive effects dominate. And the other unanswered questions, like where should one switch from your low signal/near-infinite load model to the large signal/power set of 'rules'? Are you going to address any of this stuff? Or are you just going to attempt to 'simplify' and 'improve' it? I would think that a more detailed explanation of the strengths and pitfalls TX loading would make every one of your points more clear, and the direction you seek to improve visible. cheers, Douglas

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