Subject: Re: Is calculations of L-pads based on "nominal impedance" or Re?
Posted by Wayne Parham on Wed, 29 Mar 2006 14:43:04 GMT
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If you want to do it right, you have to consider actual impedance. Your padding values will not just set attenuation but will also affect the Q of the circuit, which will adjust an amount of peaking or damping. The impedance curve of horns has ripples near lower cutoff, and these can be quite severe. When properly setup, the attenuation resistors will smooth these ripples and make overall response better.