Subject: Re: Mid-Horn Dimensions
Posted by Wayne Parham on Sat, 08 Oct 2005 07:16:19 GMT
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A square horn loses pattern control in both axis at the same frequency. That's fine, but if you want a 90º horizontal pattern, then a square horn would have 90º vertical pattern too. I don't want that much energy in the vertical plane because it is a waste of energy, directed at the floor and ceiling. Reducing the pattern in the vertical plane reduces floor and ceiling reflections too.