Subject: Re: HF horn dimentions and low end cut-off
Posted by Wayne Parham on Tue, 10 Feb 2004 21:59:08 GMT
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The performance of an HF horn at low frequencies is very dependent on the space it is used in. Actually, all horns are for that matter. An HF horn that is baffle mounted will generally have smoother response than freespace in the octave above its lower cutoff, particularly if the horn is physically small. And beyond that, the shape of the horn has an impact on its performance at frequency extremes. The throat is most important up high and the mouth is more important down low. So there is some room for interpretation, and particularly in the first octave.