Subject: Re: A coax question
Posted by Wayne Parham on Tue, 16 Oct 2007 13:19:14 GMT
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The woofer acts as a launch boundary, confining the radiation angle at low frequencies where the horn alone is too small to be effective controlling the pattern. This tends to smooth the response a little bit compared to freespace. The woofer is slightly cone shaped, so the radiation angle is smaller than halfspace but larger than quarter space.