Subject: Re: Horn Mouth Diffraction
Posted by Martin on Thu, 06 Oct 2005 10:00:45 GMT
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M,I include diffraction around the perimeter of the horn's mouth in both of my latest front and back loaded horn MathCad worksheets. These worksheet are not the ones currently available for downloading form my site. It is a similar calculation that is done by the EDGE program with one exception. When the bottom edge of the horn is in contact with the floor, then it bcomes both a diffraction and a reflection problem. Some typical results can be seen in my advanced back loaded horn design documentation. I am still working on the technique so I expect further revisions will be coming.Martin
Quarter Wavelength Loudspeaker Design