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Subject: manipulation of horn calculation

Posted by [DanTheMan](#) on Tue, 19 Apr 2005 01:08:10 GMT

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In a recent issue of Audio Xpress the exponential horn equation is given as:  $\text{Area at}(X) = \text{Throat Area} \times e^{4\pi X / \lambda}$  in free space. How would you change it for half-space, quarter-space, and eighth-space? Also, how does the math seem to correlate to real world conditions? Thanks a lot in advance!

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