Subject: Re: The Tuba 24 Compact Folded Horn Sub.
Posted by Bill Fitzmaurice on Thu, 18 Mar 2004 13:05:51 GMT
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Corner loaded the average SPL is 99dB, with lower F3 at 32 Hz, lower F10 at 27Hz; upper F3 210Hz, upper F10 240Hz. Wall placement gives the same SPL from 62 Hz, with SPL below that down 3dB from corner placement. Measured outdoors with no boundary effects the SPL at 32Hz is still 90dB. These results are when loaded with an 8 ohm Eminence Beta 10; system average impedance is 12 ohms, with minimum impedance 8 ohms. You can get an additonal 3dB of voltage sensitivity with a 4 ohm driver for an actual impedance of 6 ohms average, 4 ohms minimum.