Subject: Re: The Most Powerful Subwoofer in the World
Posted by Wayne Parham on Sat, 15 Oct 2005 12:48:07 GMT
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The reason for the response ripple is the front chamber is larger than 20 liters. Front chamber volume is actually about 30 liters on this model. I'm happy with the response that provides, but it could be made smoother if the front chamber were reduced to 20 liters. I think you recall discussions about this between you and I in the past.I use fill to reduce the front chamber volume, and without fill, it's 40 liters. When the front chamber is 40 liters, response is similar to the LABhorn. It's fine that way, but by reducing the front chamber, the ripple is reduced. The magnet sets the limit of depth for the chamber, but volume reduction can be done by displacing some space in the front chamber using filler material or panels. It's pretty easy to get front chamber volume down to 30 liters, but going smaller than that requires more attention and difficult fill