Subject: Midrange Horn Measurement problems
Posted by swett on Sat, 05 May 2007 01:23:19 GMT
View Forum Message <> Reply to Message

I made a prototype Pi midrange horn, but with a B&C 8PE21 driver and I have 2 problems. One is a huge dip in response at 1khz on axis. It moves to about 900hz and gets worse off-axis horizontally.The other is an odd impulse response with a second positive pulse a short time(about .2ms) after the initial pulse. This may be reflection off the back of the enclosure, which is 4" deep, but I'm not sure. I first measured the horn without an enclosure, but the 1khz dip seemed even worse, which I thought was due to backwave cancellation, but apparently not.