Subject: diffraction issues again...
Posted by Sam P. on Wed, 27 Feb 2002 19:43:23 GMT
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Wayne, The prior testing w/ the 4648a-8 by itself only showed a mutual cancellation between the woofs at 817 Hz. or so. I didn't like knowing that was there in the first place, but like you said, it's the nature of the dual woofer format. The 1000 Hz. dip when both LF and HF are working is probably mother nature telling me to go back to an earlier config. that is less problematical, i.e. crossing lower. With the 0.8 mH in now, subjectively they sound better. I figured with the 3rd order HF slope, diffraction related problems from co-operating at 1K would not be serious. Even with the anomalies, very listenable, and may still have a overall better presentation than my previous benchmark, the back to back BW's at 600 Hz. Sam yep, those 2226J's could very well find themselves in 4 Pi Pro boxes, probably less trouble doing that than playing with the 2035's. just a 1.4 mH coil? and the 1.6 kHz. HP xovers. done. nah, that would be too easy...