
Subject: 1.0 mH too much choke for dual 2226J's?
Posted by [Sam P.](#) on Wed, 27 Feb 2002 15:04:02 GMT
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Wayne, some interesting raw in room data, taken on axis at 1 meter, rat meter on tripod, using the temporary coils/xovers. 30 Hz. -16 dB33 -1036 - 6 40 - 950 - 860 - 1.570 - 480 - 1.590 0 dbmo100 0200 - 2300 - 1400 0500 - 4600 - 6700 - 8800 - 8900 - 71000 -101600 - 12k - 23k + 14k + 1.55k + 26k + 37k 08k - 39k + 110k - 211k - 212k - 413k - 514k -1015k - 916k - 617k -1018k - 419k +1020k - 4 The 1.0 mH is giving too much attenuation to the DUAL 2226J's, but should be close to what the 2035's will need. The depressed levels between 500 Hz. and 1k were not present without the xover, in prior testing. The 4648A-8's were flat to 1k before...need to swap in 0.8 mH soon. But here's an "honest" in room F10 of 33 Hz. anyway. From 1.6 kHz. to 11k, pretty happy here. And when measured before, these 35480 alum. diaphragms did not have the top end extension of 34647's I also use, so the drop after there is expected. And up high, the rat meter readings are supposed to be "corrected" for accuracy. This is raw, unmanipulated, in room, whatever. After 10k, Pepper got pissed off and started barking...hard on the little needle!!! That's what closets are for :) Driver fore/aft alignment initially was with the HF acoustic center 4.25 inches BEHIND the LF...the drivers relative positions were then slightly adjusted to eliminate any phase difference in the drivers outputs at 1.6 kHz...Sam