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Subject: Re: HF Horn-Woofer phase at crossover  
Posted by [ToFo](#) on Thu, 01 May 2003 15:26:31 GMT  
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I think Valencia was a home finished model. I have seen some drawings and if memory serves the woofer was a bit recessed in the box. That might have been about right for 800Hz. It would depend on the slope and other issues in the crossover/wiring scheme, and perhaps they didn't even address it. too many variables to consider on appearance alone. As for the folks who build trolleys to fly the horn out front, this is a good idea to get the phase to gel at the crossover frequency. If you have too much overlap though, you will be adjusting for one range while cancelling another. The crossover document has some nice explanations of phase relationships at crossover, check it out. Also I think Sam P. has his altec horns like this. Thomas

crossover doc