Subject: Re: Modifed 4 Pi Build Report
Posted by Dave_S on Sat, 16 Jul 2011 17:12:53 GMT
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Quote:Lookin' good? Do you have any measurement software to check for response blips from standing waves?

Thanks. I am not sure. What software feature should I look for? This is all a completely new to me. Also, is there a frequency range that the standing waves occur in?
The testing will likely be for my own learning, but it would not be beyond me to tear them all apart in 6 months and build a new cabinet if I could improve things. Hopefully, testing does not point out some audio defect that I begins to irritate me.

I did some testing by ear before veneering to at least see if there were any sound quality defects that would drive me nuts. I did not hear any. My plan was to perform a gated frequency response and possiby a cumulative spectral decay analysis. The cumulative spectral decay analysis (the waterfall display) should be more for room modes if I understand things correctly. My guess is that standing wave issues would be visible as dips or peaks in the gated frequency response plot.