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Subject: Room measurements

Posted by [PaulW](#) on Sun, 17 Aug 2008 03:10:48 GMT

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As, over the last few days I've decided on the final position of the foam bass traps and the panel resonator in the room I thought I'd take some more measurements but just for the bass below 255Hz as this seems to be the element that's giving me most concern - so out with the tripod, meter and in with the ear plugs! I'm constantly surprised by how ragged the output seems to be for something that sounds so good, though please bear in mind I've no specialist measurement kit just the good old radio Shack SPL meter. The bass output has been sounding very much better since the treatment was introduced and this is much smoother than when first measured and obviously the scale makes the plot look quite dramatic. Anyway the most dominant (+18db) room mode in the 130's (Hz) is now gone and next I'll tackle the one covering the 90's, also the major dip I had at about 45Hz seem to now be two dips either side, but I was much more careful with the measurements this time so it could have been an error previously. Going to have a play with my little KEF sub over the next few weeks and see how this changes the output, before going for a bigger sub build with the Omega Pro 15. Paul W.

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