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Subject: please reference the tests

Posted by [Earl Geddes](#) on Thu, 13 Jan 2005 13:11:30 GMT

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"That's bull, a folded horn will always out perform a direct radiator as far as lower distortion and more SPL's go. They just won't go as low in freq as a direct radiator can with out becoming massive. And there's tests out there that will prove it." I have never seen a real advantage to LF horns - and the disadvantages of internal resonances from the folds, etc. is obvious. Please give a reference to the "tests" that prove your position. Of course your statement is rather general and ill defined. Do you mean "outperform" in general or that a specific driver in a horn will outperform the same driver direct radiating. Because to the first point, I don't agree at all. I can always find a bigger driver in the same size enclosure as the horn that will produce as much SPL and low distortion as another driver with a horn. To the second point, an Acoustic Lever will always outperform a horn in this regard - higher SPL, lower distortion for a given driver in a given enclosure volume - so give me the lever, not the horn.

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