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Subject: Re: Effects of a low pass notch filter on BR versus TL: speculations

Posted by [akhilesh](#) on Wed, 24 Mar 2004 22:30:17 GMT

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Thanx for the pointer Wayne! I was trying to intuit (with complete ignorance of any acoustic engg theory of course) that a bass reflex has no stuffing, while a transmission line does. Hence the bass reflex would emphasize smaller waves more than the TL, where the stuffing would capture the smaller waves from the backward movement of the driver. Of course this is an unsophisticated, intuitive kind of analysis...Basically, the "hollowness" of the BR should make it more resonant of the higher frequencies. Of course if adequate absorptive material is used around the walls, then you are right, it won;t matter. In fact the resonant frequency will be a single one for the BR box, as you say. So, what do you think, will the contour shaping notch filter circuit affect a BR more or less?-akhilesh

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