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Subject: Pi versus T-S

Posted by [Pilkar](#) on Wed, 20 Nov 2002 07:44:24 GMT

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hello guys! i have some doubts, and i think you can help me. i have just finished the design of my new speakers (by the T-S theory). i visit this site nearly every day, and is difficult not to get interested in the Pi alignment theory. so, i would like to know, which are the advantages of Pi over T-S, and vice versa. i will be using the selenium wpu1205 (12") woofer, paired with the d405ti driver on a hl1450 horn, all selenium. the box is designed to have a smooth response up to 55hz (f3 point), at 40L. i would like to know how big would be the box using Pi theory. all i want is a powerful bass, not too much extension. this is the woofer data: sensitivity= 95dBFS= 46HzVas= 57LQts= 0.33Qes= 0.34Qms= 11.92Re= 6.7ohmLe @1KHz= 1.324mHthank you very much!Pilkar