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Subject: Re: Compact version of 6Pi / 7Pi  
Posted by [Wayne Parham](#) on Sun, 10 Aug 2025 04:33:22 GMT  
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So glad you got the 2226H drivers! They are awesome!

The original seven Pi cabinet actually used a slightly larger wood horn, which had additional mouth radiusing to combat waistbanding.

The H290C isn't too bad in this regard, as you can see in the measurements:

H290C Horn/Waveguide

Still, it benefits from the baffle on the three Pi and four Pi speakers, which reduces waistbanding without the additional mouth radiusing. It would be even better if radiused and mounted on a baffle, but the trade-off is that the extra radiusing increases vertical distance between sound sources, bringing the vertical nulls closer together.

Personally, I would rather have the waistbanding than the vertical nulls too close together. But I digress.

In your case, you have a design that adds a little extra baffling where the tweeter will mount.

None in the vertical, so I'm not sure how much it will help in the vertical plane but I suspect it will help a little in the horizontal. So that's why I would do it if I were contemplating your mods.