

---

Subject: Another Hornresp Question

Posted by [wunhuanglo](#) on Sat, 21 Feb 2004 03:12:56 GMT

[View Forum Message](#) <> [Reply to Message](#)

---

Hi All! Hope you can provide some insight. I've been modeling a mid horn and got results that indicate very flat response from 150 Hz to 1000 Hz with a conical horn. That part seems great to me. The throat/Sd ratio is 0.5 which isn't out of line. It's a 6" driver that seems to need a 3L back chamber - physically that's no problem given the driver dimensions. What's bothering me is that the horn mouth has a radius of 10-1/8 (325 in<sup>2</sup>) inches BUT a length of only 7 inches. This seems incredibly short - why does the response plot look so good?

---