

---

Subject: Re: jbl 2205 vs eminence omega 15

Posted by [Wayne Parham](#) on Tue, 16 Dec 2008 23:50:53 GMT

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

---

I would not want to use a horn with vertical pattern too large. For one thing, nulls appear above and below the forward axis and it is best if the nulls are set outside the horn's vertical pattern. And for another, radiation at large vertical angles really only serves to increase ceiling and floor reflections, which is an undesirable property. For this reason, all of my horn loudspeakers are designed to use a 90°x40° horn. Matching directivity in the vertical and the horizontal planes

---