Subject: Re: Favorite flavors
Posted by Wayne Parham on Thu, 27 Jan 2005 01:41:18 GMT
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What I meant is that I don't see why you persist in saying that eighth-space radiation isn't tantamount to directivity, especially when it is defined as having a directivity factor of 8 and a directivity index of 9.I think this discussion went down an unproductive path from early on. No one questoned your assessment of room modes and their significance. I generally agree with your reasoning where that is concerned.What I disagree with you about is the room corner, itself. You make assumptions about the room that I don't make. Where I see our difference is that you attach an arbitrary generalized room to the launch corner when you discuss it, and I consider the launch

boundaries, but you only see an averaged and therefore generalized field of modal vibrations.The room is a variable, so I don't think it is appropriate to lump it in, because that causes you to make generalized statements that aren't necessarily true. The size and shape of the room and the stiffness and absorbency of its boundaries determine how it acts. A very large room acts a lot differently than a small one does, as does one with angled ceilings, peculiar shapes or open areas. So I prefer to see the room modes as a separate matter from the radiating angle of the launch corner.