Subject: Re: physics-no cheating allowed
Posted by Wayne Parham on Fri, 31 Oct 2003 09:51:58 GMT
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I think the discussion has probably slipped into one of semantics. A horn increases radiating resistance which modifies the parameters of the gyrator transformations. There are a handful of things that result from this. You'll definitely get more output from a horn, and it is definitely more efficient. It also has higher impedance, so all of these things combine to allow a higher voltage input and a higher output as well. But you still can't exceed thermal limits from long-term double and quadruple over-current conditions and expect it to survive.