Subject: Anyone tried this or know of someone who has?
Posted by mckenzie on Mon, 25 Feb 2002 18:32:26 GMT
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I can think of two things that give effciency gains as far as building construction goes. Bandpass boxes and horns, anyone tried making a bandpass box and then hornloading it? I have no idea how feasible this is.Mckenzie

Subject: Bandpass devices
Posted by Wayne Parham on Mon, 25 Feb 2002 20:03:39 GMT
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Basshorns are bandpass devices. Their rear chamber is tuned to resonate near Fc, to boost output where the horn starts to unload. The front chamber is also tuned and acts as a low-pass filter. The horn flare itself is a 1/4 wave resonator that works over the passband of the horn. So basshorns, like bandpass boxes, employ front and rear resonators to achieve their intended results.