Subject: Re: Stacked "Mini Planers"
Posted by Wayne Parham on Mon, 14 Feb 2005 02:16:15 GMT
View Forum Message <> Reply to Message

The way energy combines from the front and back of a dipole is not really something you can describe without talking about directionality, frequency and the size of the radiator and baffle. The environment it is placed in has an effect too. This is what dipole energy distributon looks like in free space with the dipole facing left and right:In general, there will be less energy at the sides and more energy front and back. Then, when in a room, reflections off the rear will combine with the front wave to form a complex pattern, some places and frequencies adding together and others canceling out. If the rear wave is completely open to free air or absorbed completely, then the front wave should be the same intensity as a monopole.