Subject: JBL 2446H answer
Posted by Wayne Parham on Wed, 21 Aug 2002 05:11:15 GMT
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If you have two sound sources that are 1/2 wavelength apart, they will combine destructively and form a null. So when a radiator is larger than 1/2 wavelength, it has this kind of thing happening across its surface. The net effect is that the radiation pattern begins to narrow as frequency goes up.