
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.
