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Subject: Impedance at resonance

Posted by [Wayne Parham](#) on Mon, 11 Oct 2004 16:11:06 GMT

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Hi Akhilesh, There is an impedance peak at resonance, that is true. If the driver is mounted on an open baffle, it will have an impedance peak at  $f_s$ . If it is put in a sealed box, then the resonant frequency will rise to  $f_o$ , but the system will still exhibit a single peak. If used in a vented system, then there will be two impedance peaks at  $f_l$  and  $f_h$ . And if used in a horn or transmission line, there will be several impedance peaks from the cutoff frequency up. Wayne

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