Subject: Re: Pi Aligned Afterburner & Port Calculation
Posted by Observator on Sat, 29 Sep 2001 18:02:48 GMT
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Thank you for the response....but my problem persist....> You used 2.4 as as cabinet volume but you should have used 2.4 x > 1728 to convert it to cubic inches. You must use the same terms > throughout - If inches in one place then inches must be used > everywhere. You can use feet if you wish, but then the port > dimensions must be in feet for "Lc" and sq. feet for "Ap".I suppose I am wrong but I cannot find where :-(Question is : what is eqation Fre = 1/2pi * sqrt(Ap/VeLc) calculating?Using your values and formules from Pi white paper, Ve = 2.45 cu ft = 4242 cu in then Dp = 2.5" => Ap = 4.9 sq in Lp = 2.75" => Lc = 4.872 inFre = 1/6.28 * sqrt (4.9/(4242*4.872))= 0.00245 Hz :-(((Thanks in advance,O'Tor