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Subject: Double checking C5 and R3 values  
Posted by [Norbert](#) on Tue, 18 Jul 2006 22:55:20 GMT  
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I am looking at the C5 and R3 values for Stage 4 Omega 15 driver. According to Wayne's crossover table C5 and R3 should be 60 uF and 8 Ohms respectively... Now even if I factor in 25% variation for the Zobel circuit allowance I don't even come close to the values Wayne has for C5. So why the discrepancy? Omega Pro 15:  $R_e = 5.28$  ohms  $L_e = 1.04$  mH  $R_3 = 1.25 * 5.28 = 6.6 + 25% = 8.25$  Ohms > OK  $C_3 = L_e / R_e^2 = 1.04 \times 10^{-3} / 5.28^2 = 37.3$  uF +25% = 46.6 uF which is short of 60 uF Norbert

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