

$$\left. \begin{array}{l}
 160 \text{ MC} \quad 2.5 \mu\text{f} \quad 10 \text{ MC BW} \\
 l = 23.4 \text{ cm} \quad Z = 372 \Omega \quad K = 5637 \Omega \\
 l_2 = 7.5 \text{ cm} \quad Z_2 = 56.05 \Omega
 \end{array} \right\} \begin{array}{l}
 \text{calculated} \\
 \text{Sample}
 \end{array}$$

1-18-43

Input capacitor of next 6J6 2.7 pushpull
 Output " " " 6J6 1.8 " "
 Input capacitor of 6H6G 1.5 pushpull

$$R_{a_1} = 1.47 \sqrt{\frac{R_g}{G_m}} = 1.47 \sqrt{\frac{10000}{.0053}} = 1.47 \cdot 10^3 \sqrt{70}$$

4700 Ω optimum filter impedance

$$f_{BW} = \frac{3 \cdot 2 \cdot 10^5}{.47 \cdot 10^4 \cdot 2.7} = 25 \text{ MC optimum band width for 6J6 at 160 MC}$$