

$$P_2 = \frac{V_2^2}{R_2}$$

$$\frac{1.93^2}{0.5 \text{ k}\Omega} = 7.5 \text{ mW}$$

$$\frac{3.3^2}{1.0 \text{ k}\Omega} = 10.89 \text{ mW}$$

$$\frac{5.2^2}{2.0 \text{ k}\Omega} = 13.52 \text{ mW}$$

$$\frac{6.4^2}{3.0k\Omega} = 13.65mW$$

$$\frac{7.25^2}{4.0k\Omega} = 13.14mW$$

$$\frac{7.9^2}{5k\Omega} = 12.5mW$$

$$\frac{8.9^2}{7.5k\Omega} = 10.56mW$$

$$\frac{9.53^2}{10k\Omega} = 9mW$$