

ECE 437 Lab 6 Pre-Lab

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Pre-Lab Questions

1. The resistor color code shows a resistance of $470\text{K}\Omega$.
2. With a resistance of $470\text{K}\Omega$, we use

$$P = \frac{V^2}{R} = \frac{V^2}{470\text{k}\Omega} = 0.5\text{W}$$

. Therefore we get $V_{max} = 484.77\text{V}$