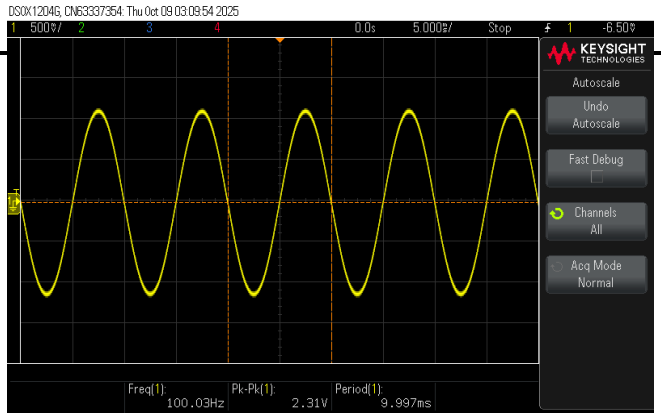
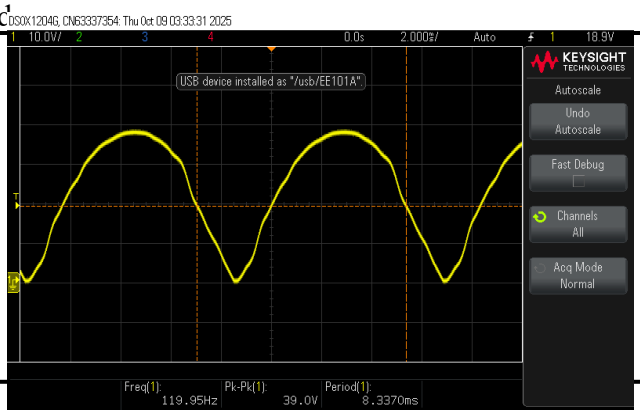


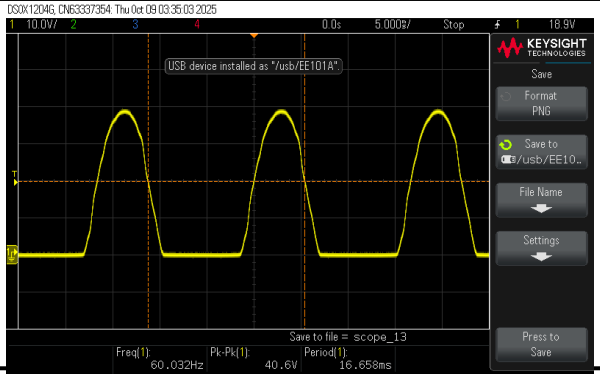
Measuring	Period (ms)	Amplitude (V)	Frequency (Hz)
Transformer Output	10	2.31 V	100 Hz

7-3. Using a breadboard, connect a 10 kΩ resistor across the output of the rectifier. **Do not solder this into your circuit**. The alligator clips might be helpful here. Measure the **voltage across the resistor**.

Q12: Take a screenshot of the voltage across the resistor. In your report, include this screenshot, the peak value and period.



Q13: Measure the voltage across one of the diodes. Include a screenshot of the waveform and the peak values and period. What is the peak inverse voltage (PIV) across the diode?



$V_{PIV} = 40.6V$

7-4. After you are done, please **clean up your lab bench**. Write your name on the back of the circuit board and store it in a plastic container.