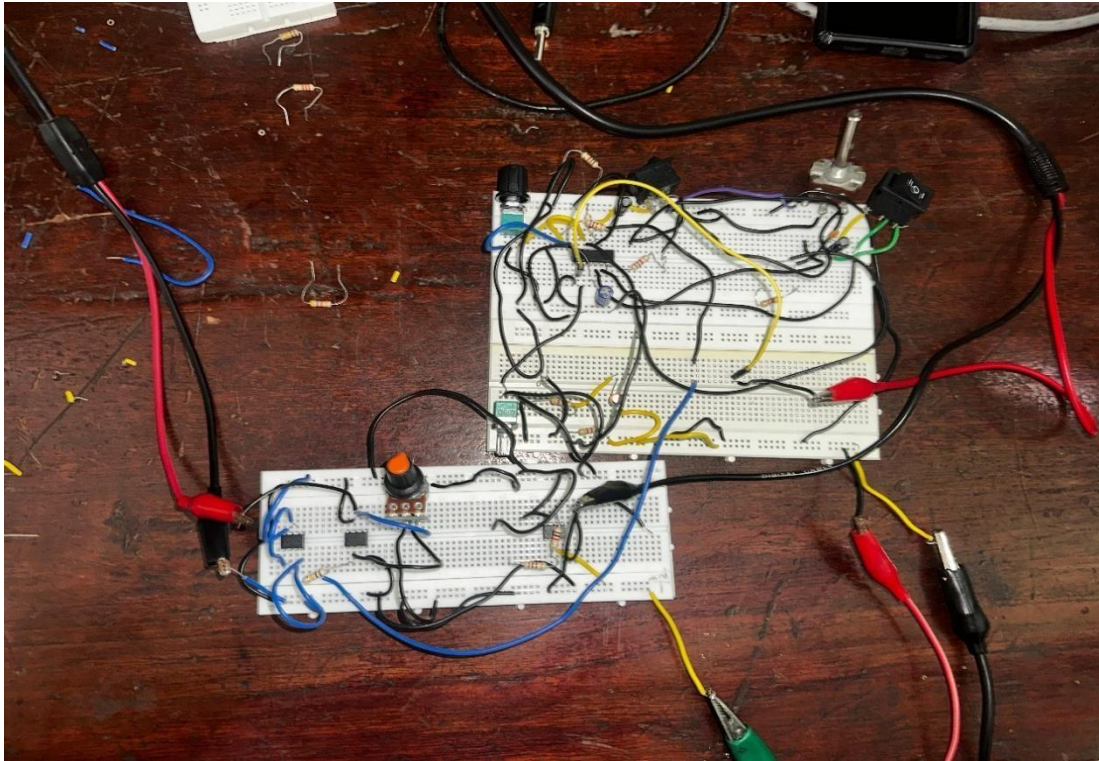


EXPERIMENTAL SETUP:



EXPERIMENTAL ANALYSIS:

WAVEFORMS:

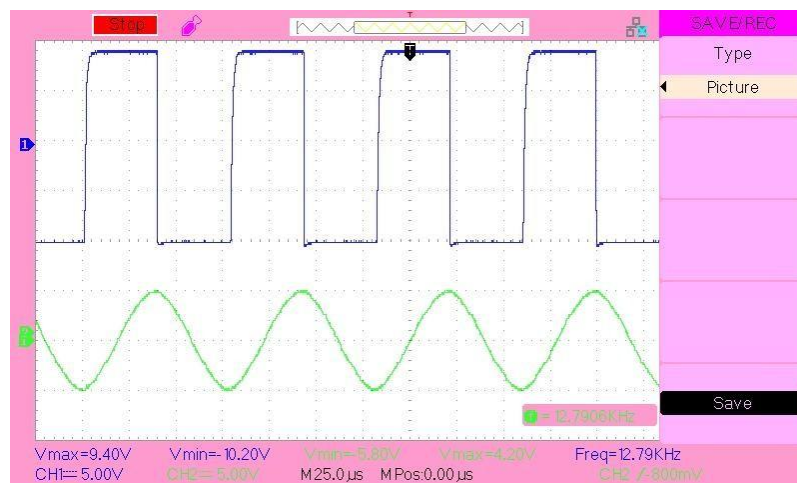


Figure 1: Sine Wave at $f = 12\text{kHz}$

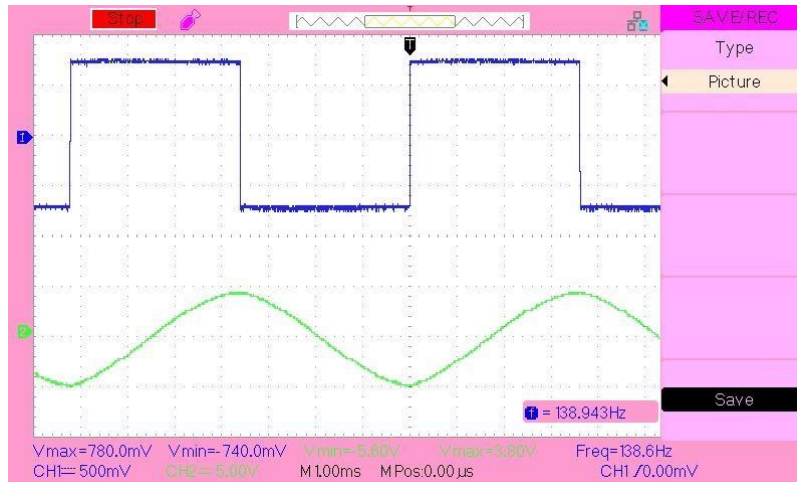


Figure 2: Sine Wave at $f = 140\text{Hz}$

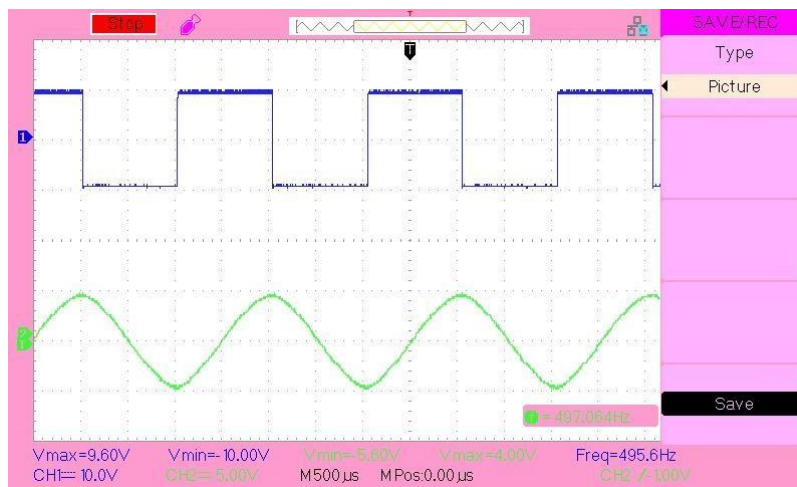


Figure 3: Sine Wave at $f = 500\text{Hz}$

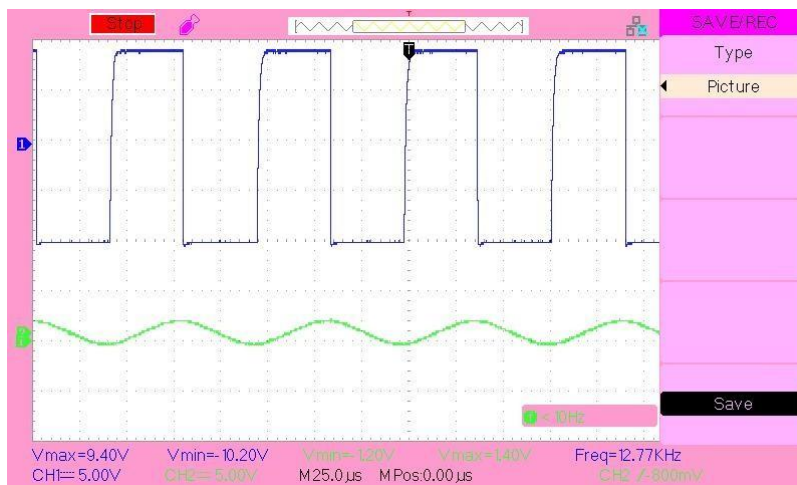


Figure 4: Amplitude of Sine Wave = 1.4V

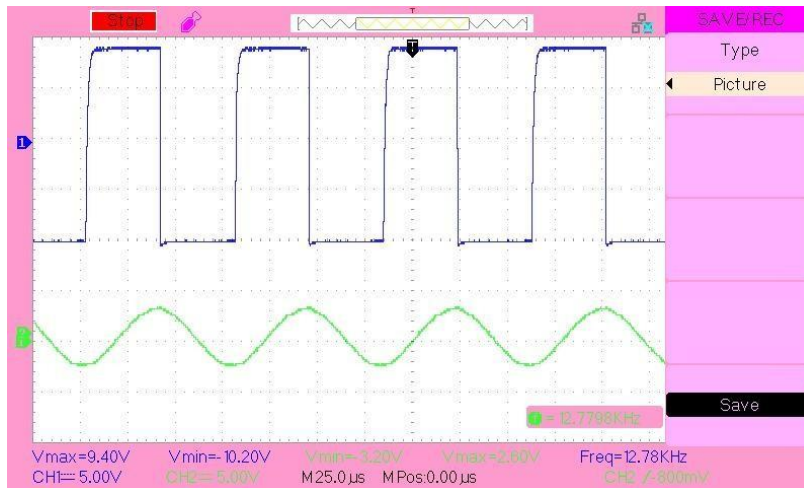


Figure 5: Amplitude of Sine Wave = 2.6V

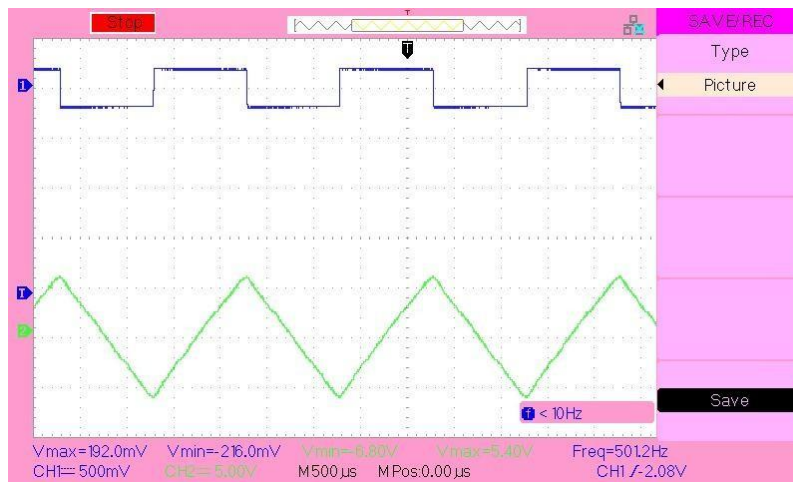


Figure 6: Amplitude of Square Wave = 200mV

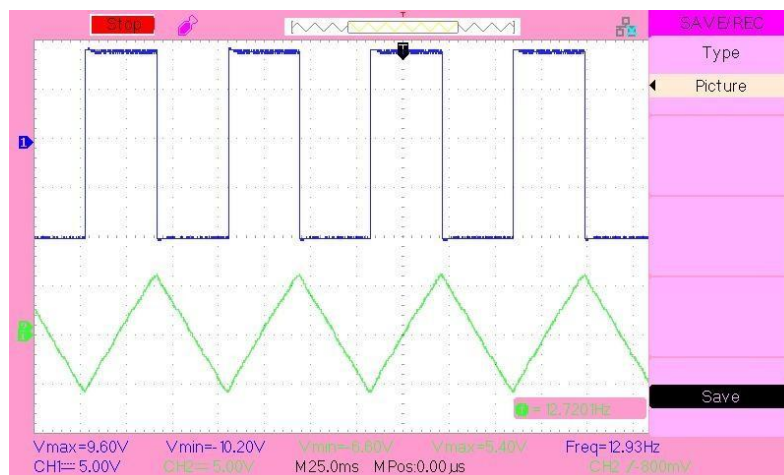


Figure 7: Triangular Wave at $f = 13\text{Hz}$

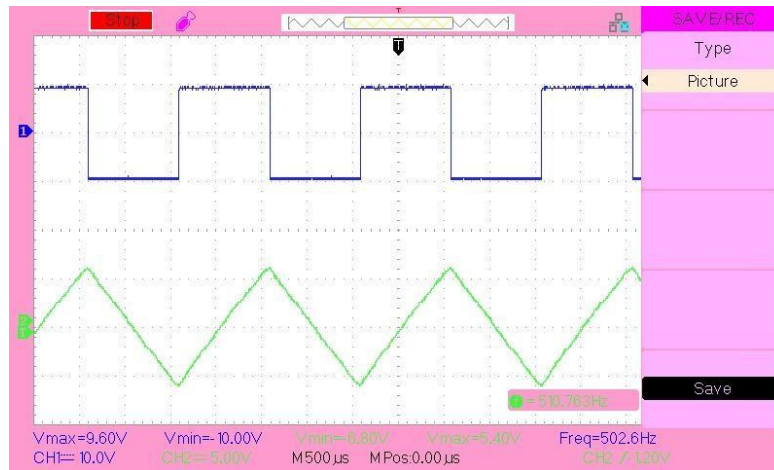


Figure 8: Triangular Wave at $f = 500\text{Hz}$

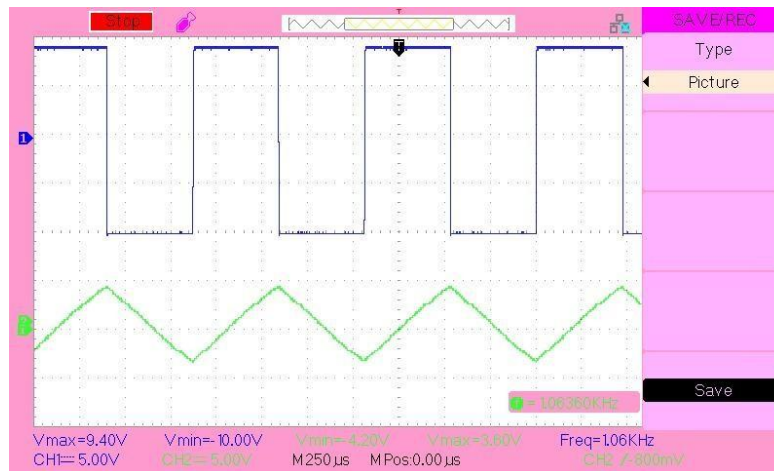


Figure 9: Triangular Wave at $f = 1\text{kHz}$

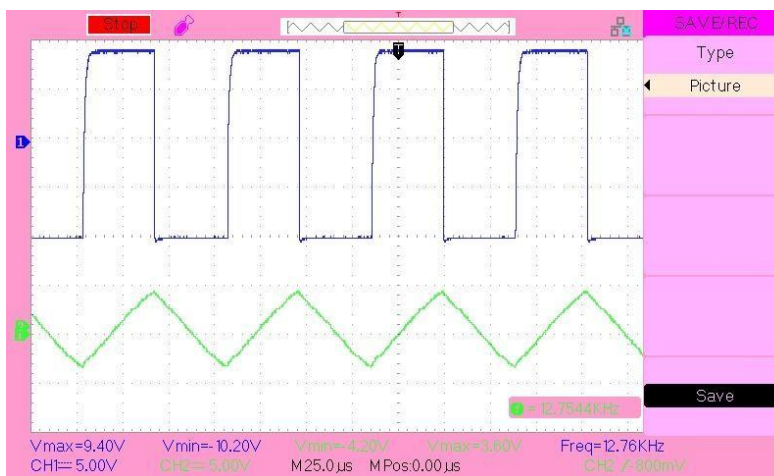


Figure 10: Amplitude of Triangular Wave = 3.6V

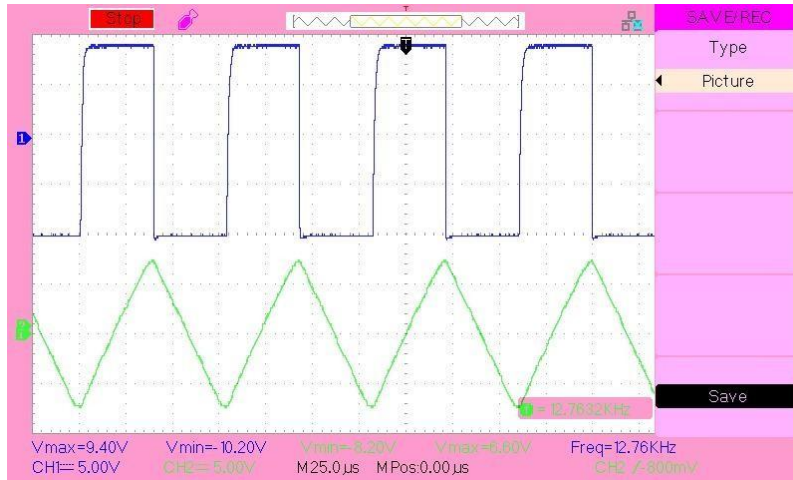


Figure 11: Amplitude of Triangular Wave = 6.6V