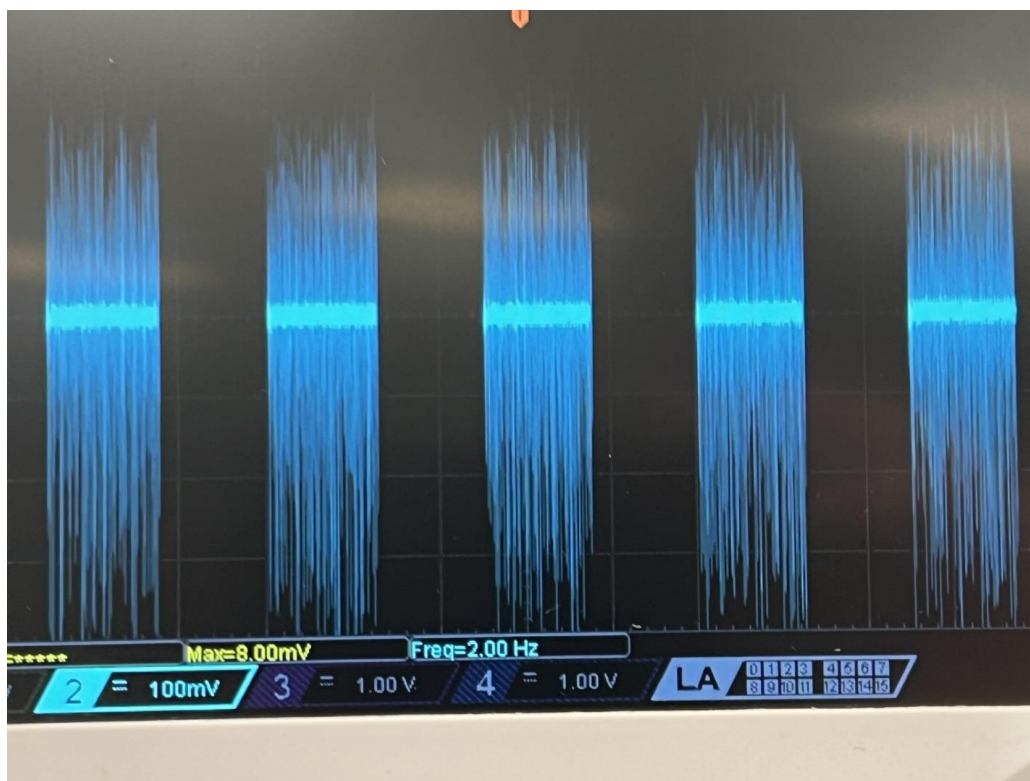
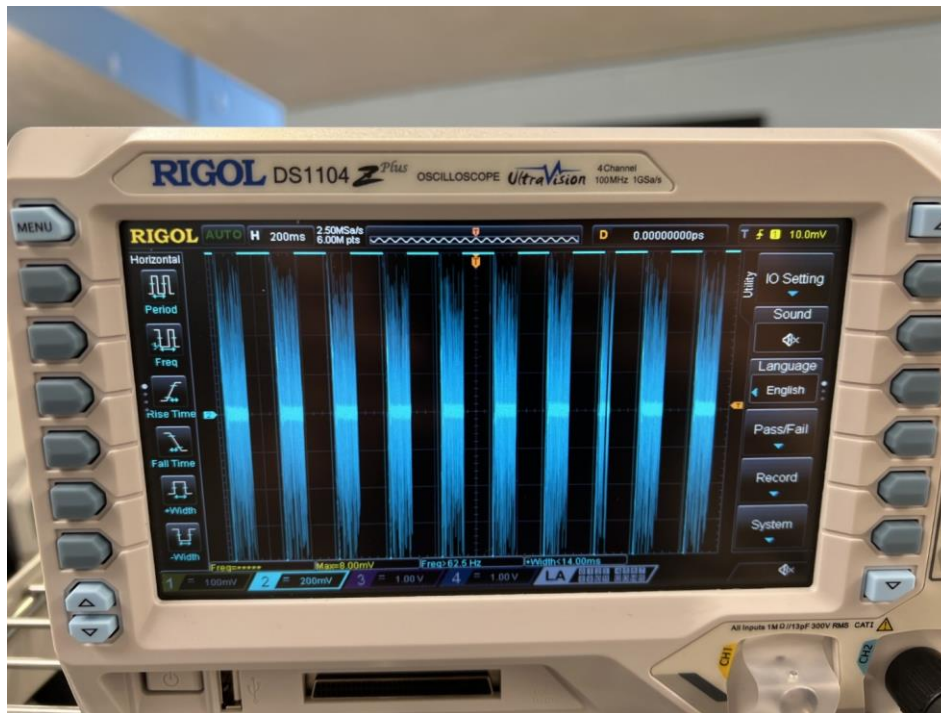


Display 1: Oscilloscope results for m2a using 25MHz clock. LED displays 1 Hz behavior.



Display 2: Oscilloscope results for m2a using 50MHz clock. LED displays 2 Hz behavior.



Display 3: Oscilloscope results for m2a using 100MHz clock. LED displays 4 Hz behavior.



Display 4: Oscilloscope results for m2a using 150MHz clock. LED displays 6 Hz behavior.

By increasing the frequency of the clock, the frequency of the led flashing increases as SOMENUMBER is kept constant. The frequencies displayed on the oscilloscopes do not reflect the graph behavior because of low-level signal noise exerted by the system.