Lab 6 - Oscilloscope Activity

Sheil Sarda sheils@seas.upenn.edu

1. Time and Voltage Scale

3.3V sine wave signal at approximately 4000Hz

1. Adjust the time scale so there are between 4 and 8 cycles on the screen
2. Adjust the voltage scale so that the wave takes up at least half of the screen
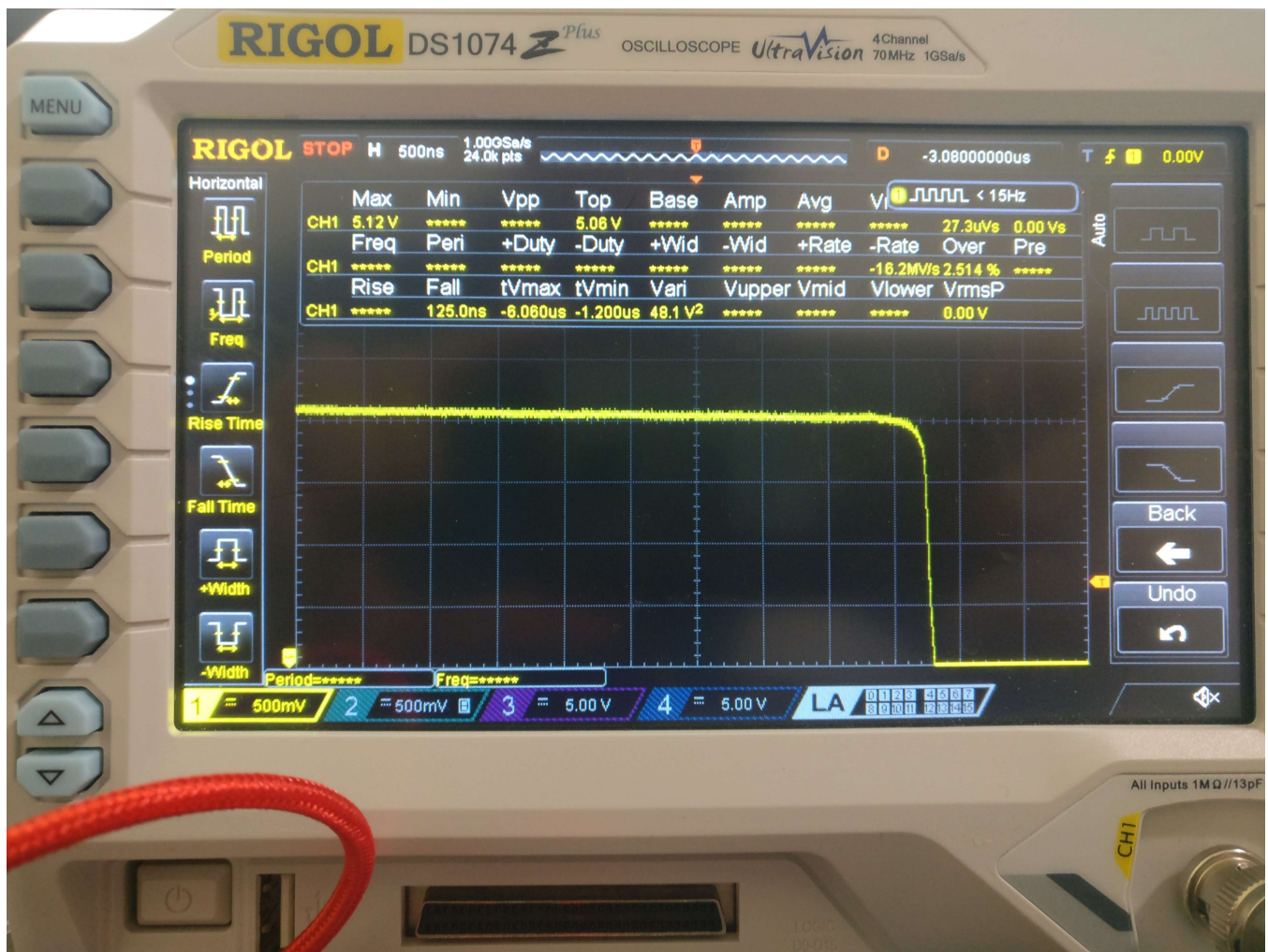3. Take a photo of the real scope face showing the triggered signal

Highest frequency square wave

2. Single Mode

3. OscilloSorta feedback

Single value readings to capture logic transitions are not implemented on the Oscillosorta, but would be quite helpful to detect transitions in logic levels based on user input.