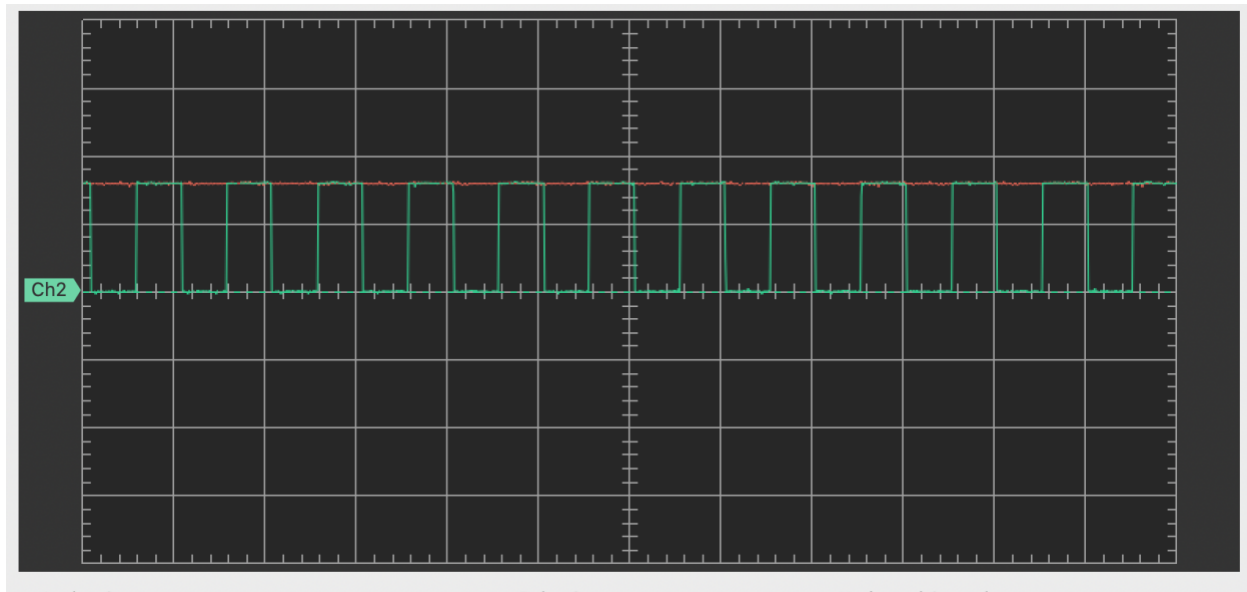
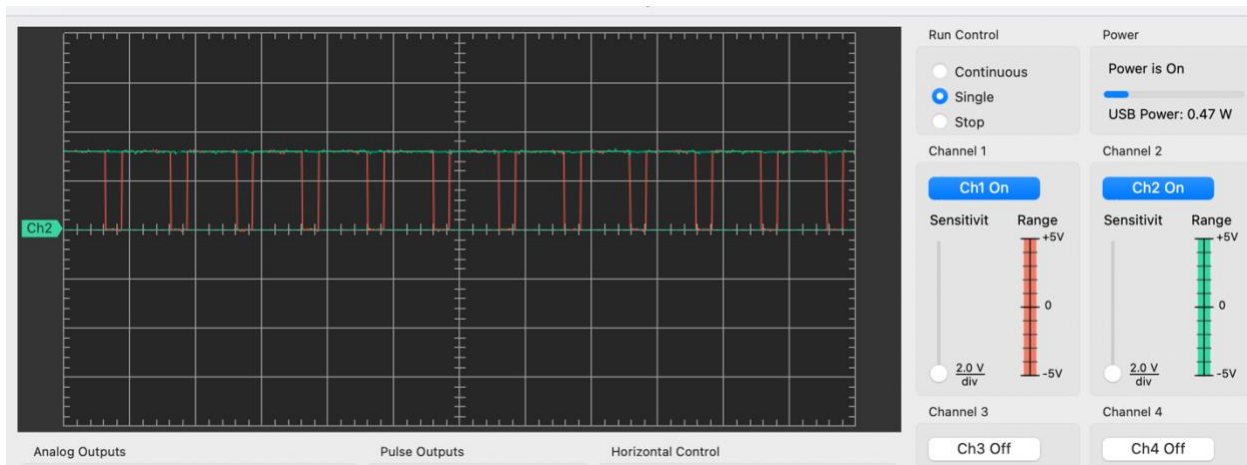


Chapter 24.1.2, 24.2.1 and 2, 24.3.1 and 2.

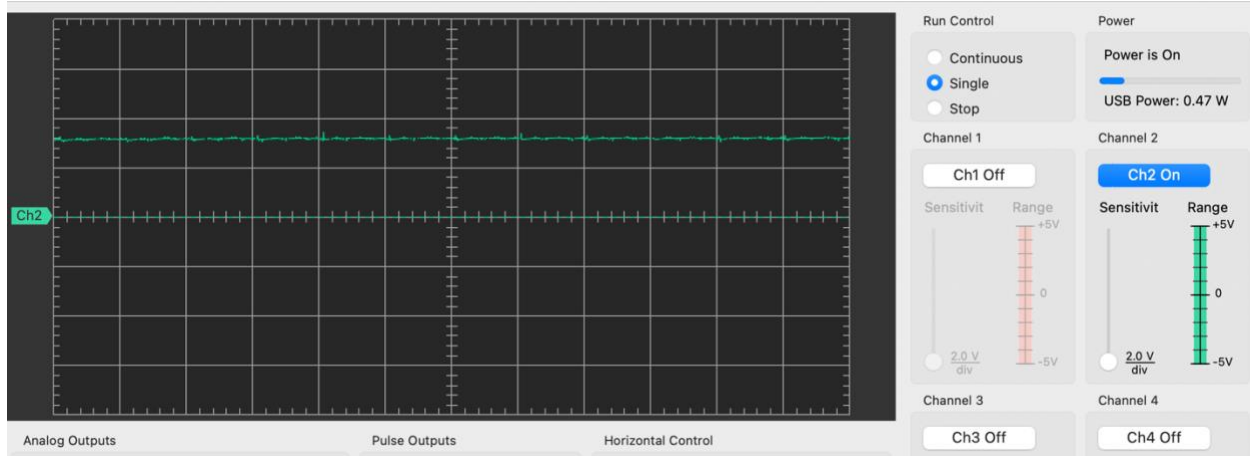
In my case, I have to use a 1M ohm resistor works perfectly to get close to 3V output a 100K ohm would also work. 10K seemed too small.



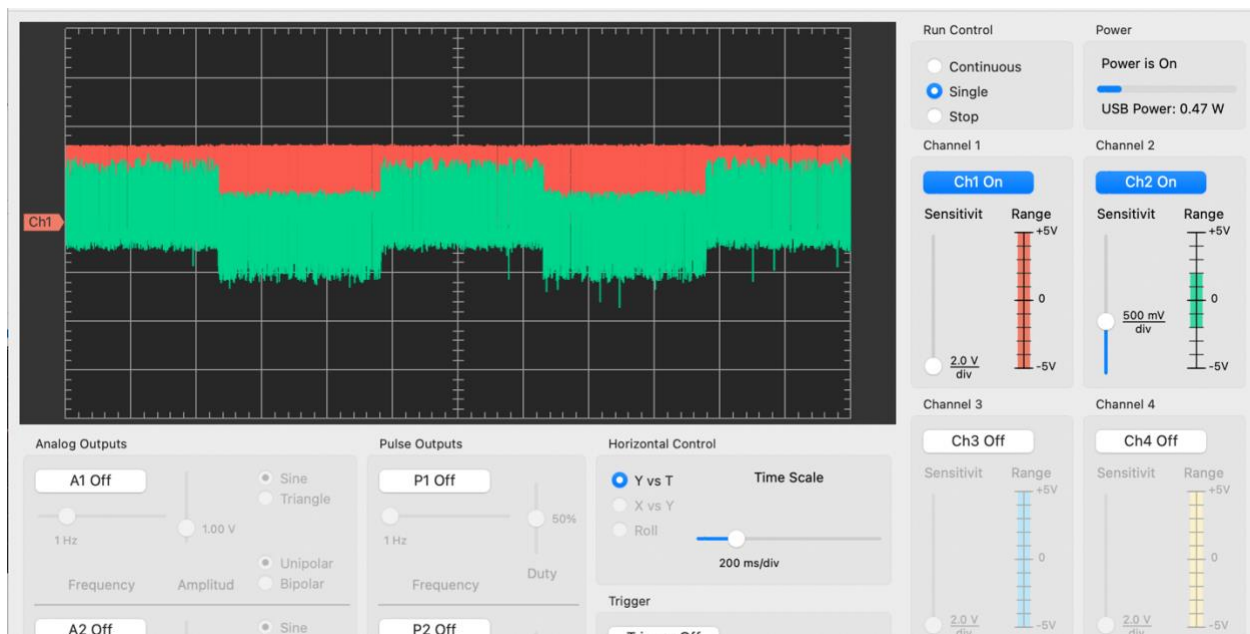
$PR3 = 48\text{MHz}/20\text{kHz} - 1$
 $\gg PR3 = 2400 - 1$



Ch1 OC1 waveform
Ch2 sensor output



Ch2 without capacitor



Ch2 Vout