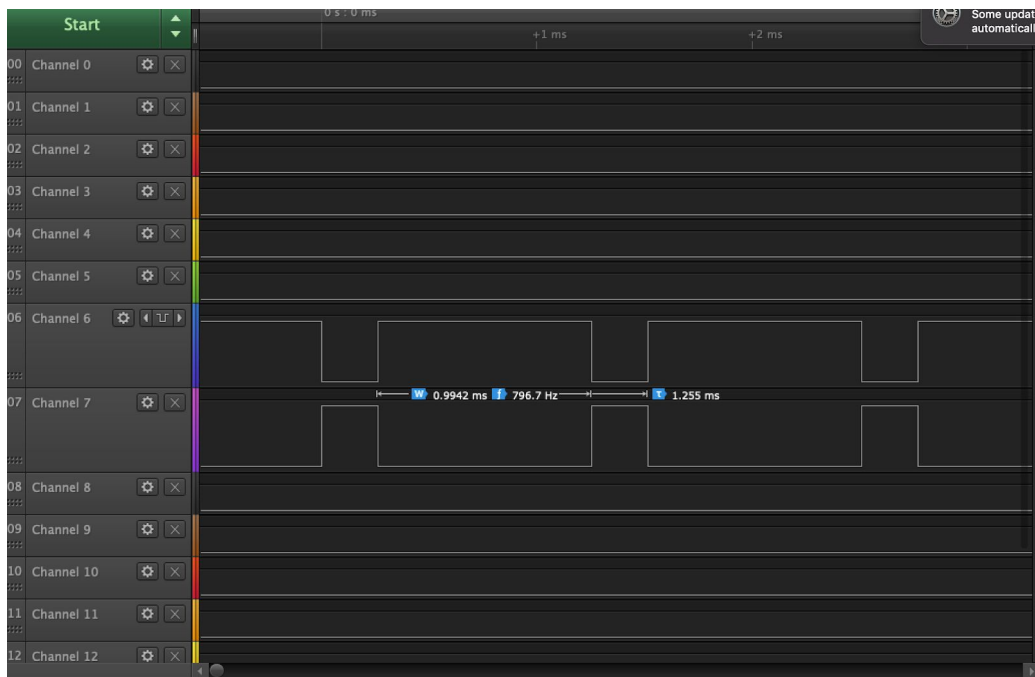


1.  $PSC = 999$ ,  $ARR = 133$ . These values give a  $0.33/133$  error. Which is very small
2. PA6 corresponding Alternate function is AF1  
PC6 corresponding Alternate function is AF0
3.  $W = 0.2496$ ,  $f = 2.004$  hz,  $\tau = 0.4991$



4. CCR2 as PWM mode 1 increased the LED dimmed.
5. CCR1 as PWM mode 2 increased the LED brightened.

6.



7. PWM mode 2 is shown.