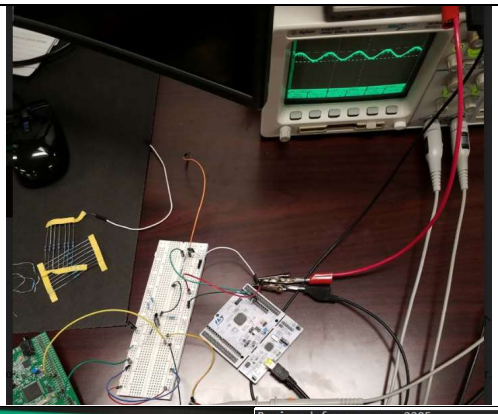
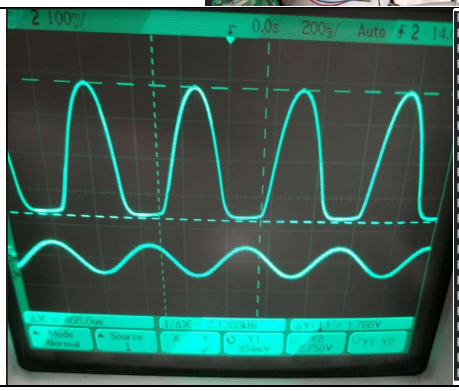
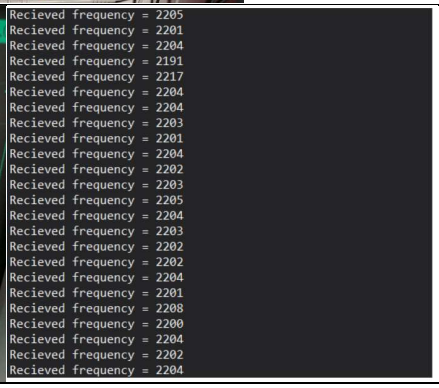
TNC Testing Form (REV1)	
Leaf on the Tree	Amplifier
Device Under Test (Testing Tree Number):	1.3.1.2
Date:	10/19/2020
Person(s) Conducting Experiment:	Kobe Keopraseuth
Signature:	
Experiment Purpose:	The purpose of this experiment is to ensure the amplifier output can trigger the external interrupt on the STM32 for reading incoming AFSK waveform frequency components.
Experiment Procedure:	Using waveform generator to input a 50mV peak to peak AFSK waveform to amplifier circuit, checking readings reported by microcontroller on serial port. Display output signal from amplifier, using an oscilloscope.
Equipment Settings / Software Settings (w Revision):	Micro controller is set to receiving mode Using Oscilloscope to measure if the output signal has the correct frequency and amplitude.
Testing Diagram / Picture:	
Data Points:	 
Pass / Fail:	Pass
Interpreted Notes:	Frequency can now read, unlike before, due to gain being high enough to trigger the microcontrollers interrupt.
Recommendations for Modifications:	None