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| 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 |