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| TNC Testing Form (REV1) | |
| Leaf on the Tree | Frequency |
| Device Under Test (Testing Tree Number): | 2.3.2.1.1 |
| Date: | 10/31/2020 |
| Person(s) Conducting Experiment: | David Cain |
| Signature: |  |
| Experiment Purpose: | Ensure that the output frequencies of the microcontroller are 1200 and 2200 when expected. |
| Experiment Procedure: | Force the TNC into a debugging broadcast mode, then use the Digilent discovery 2 to measure the waveform frequency at many points. |
| Equipment Settings / Software Settings (w Revision): | The Digilent will be set to record the frequency of the waveform measured. For general insight, the RMS and minimum were also recorded |
| Testing Diagram / Picture: |  |
| Data Points: |  |
| Pass / Fail: | Pass |
| Interpreted Notes: | As shown in the datapoints, the output waveforms are 1200Hz and 2200Hz as expected. |
| Recommendations for Modifications: | None. |