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| TNC Testing Form (REV1) | |
| Leaf on the Tree | Baud |
| Device Under Test (Testing Tree Number): | 2.3.2.1.3.1 |
| Date: | 10/4/2020 |
| Person(s) Conducting Experiment: | David Cain |
| Signature: |  |
| Experiment Purpose: | The purpose of this experiment is to measure and ensure the number of signaling events per second (or baud rate) is correctly established as 1200Hz |
| Experiment Procedure: | To verify the baud rate, a diagnostic signal will be enabled in software to output the current transmission bit value represented in binary. This binary wave form can easily have baud rate measured. |
| Equipment Settings / Software Settings (w Revision): | Analog Discovery 2 input channel 1 and 2 will be connected to the STM32 output pins D8(PA9) and A2(PA4) |
| Testing Diagram / Picture: |  |
| Data Points: |  |
| Pass / Fail: | Pass |
| Interpreted Notes: | Waveform is sustaining a baud rate of 1200Hz. This was tested with multiple wave forms but easily viewed with alternating bit pattern. |
| Recommendations for Modifications: | None |