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| TNC Testing Form (REV1) | |
| Leaf on the Tree | RX |
| Device Under Test (Testing Tree Number): | 2.1.1.3 |
| Date: | 10/31/2020 |
| Person(s) Conducting Experiment: | David Cain |
| Signature: |  |
| Experiment Purpose: | The purpose of this experiment is to ensure the microcontroller is transmitting data over UART properly. |
| Experiment Procedure: | To test the data connection over UART, the microcontroller will be given a packet, and this will then printed over serial again. Effectively I am testing bother transmitting and receiving in the same step. If any failure occurs I would simplify this test further. |
| Equipment Settings / Software Settings (w Revision): | The microcontroller will be running our most current version of software and I will be viewing the output using a serial monitor program called RealTerm 2.0.0.70. I will be feeding packets using the program provided to us by Rizwan. |
| Testing Diagram / Picture: |  |
| Data Points: |  |
| Pass / Fail: | Pass |
| Interpreted Notes: | The data being transmitted over the serial monitor seems acceptable for the given packet. |
| Recommendations for Modifications: | None. |