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| TNC Testing Form (REV1) | |
| Leaf on the Tree | Latency |
| Device Under Test (Testing Tree Number): | 2.1.1.1 |
| Date: | 10/31/2020 |
| Person(s) Conducting Experiment: | David Cain |
| Signature: |  |
| Experiment Purpose: | The purpose of this experiment is to ensure that the latency of the microcontroller when transmitting data is within an acceptable time. A specified time was not given for the project, but this is an important consideration from a user perspective. |
| Experiment Procedure: | I will setup a software timer that begins the moment the controller receives a KISS packet over UART. This timer will run until the controller begins to repeatedly output the same message in broadcasting mode. |
| Equipment Settings / Software Settings (w Revision): | Working entirely within our own software. This is not complete but it is mostly finished. |
| Testing Diagram / Picture: |  |
| Data Points: |  |
| Pass / Fail: | Pass |
| Interpreted Notes: | The device takes ~1.2ms and this is deemed acceptable. |
| Recommendations for Modifications: | None. |