|  |  |  |  |
| --- | --- | --- | --- |
| **ELECTRONIC TESTS** | | | |
| **TEST** | **EXPECTED** | **RESULT** | **COMMENTS** |
| SOFTWARE |  |  |  |
| Program Upload |  |  |  |
| * OBC | N/A |  |  |
| * EPS | N/A |  |  |
| UART Tx and Rx |  |  |  |
| * OBC | N/A |  |  |
| * EPS | N/A |  |  |
| CAN Data Request | N/A |  |  |
| Heartbeat |  |  |  |
| * State stored across power cycle in EEPROM | Stored |  |  |
| Test Harness | Percent |  |  |
| POWER |  |  |  |
| RBF pin disables BUS | LED OFF |  |  |
| ADC Readings |  |  |  |
| * Battery voltage | ~3.58 |  |  |
| * Battery current monitor |  |  |  |
| * Battery current |  |  |  |
| * Buck Boost Voltage | 3.3 +/- 0.1 V |  |  |
| * Boost voltage | 7.5 +/- 0.5 V |  |  |

|  |
| --- |
| **STRUCTURES** |
| NOTES:Might look for misplaced screws, loosened screws, visible cracks, sounds |

|  |
| --- |
| **PAYLOAD** |
| NOTES:Might look for mf chips, motor screws, motor platform, clamps |