**Team #\_\_\_\_\_ Subsystem Acceptance Checklist – Geiger Build**

Date:

Passed (Y/N):

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Item** | **Actual** | **Required** | | |
| **5V Power Regulation** | | | | |
| ***Grounding***  *(9V and GND)* |  | Isolated (Y/N) | | |
| ***Battery Check*** |  |  | | |
| *5.0 V Regulated* |  |  | | |
| **High Voltage Test (Unregulated)** | | | | |
| ***HV Check #1***  *(GND and V+Test Point)* |  | | 550 – 850 V | |
| **High Voltage Test (Regulated)** | | | | |
| ***HV Check #2***  *(GND and V+Test Point)* |  | | 500 +/- 30 V | |
| **Geiger Counter Testing:** | | | | |
| *Background Radiation Detection* |  | | 12 – 14 counts per minute | |
| *Smoke Detector Testing* |  | | 100 – 140 counts per minute | |
|  | | | | |
| Authorized by:  IT#1:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  IT#2:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  | | |  |

This document is for verification of the Team #\_\_\_\_ RockOn flight unit prior to rocket integration.