

Date: 03/6/2026

Confirmation Number: EL4751692

Purpose: This application seeks authorization for GPS RE-RAD transmissions for testing and check out purposes only. This testing pertains to the RF operations of the DCC1 Mission/Demonstration to the International Space Station under a NASA contract. This is a continuation of previous tests that obtained FCC approval for testing. Pre-coordination is in works with the FAA since we are operating on the following frequencies: 1176.45 MHz and 1227.6 MHz. Correspondence will be provided once FAA provides a determination.

Testing Procedure:

- Testing inside the facility located in Englewood, Co. (Victory Works Facility)
- Testing inside the Airlock area
- Pre-launch check out inside the ULA LV fairing

Figure 1 below provides an estimated schematic of the testing configuration at the Airlock.

Figure 2 provides the configuration during pre-launch checkout.

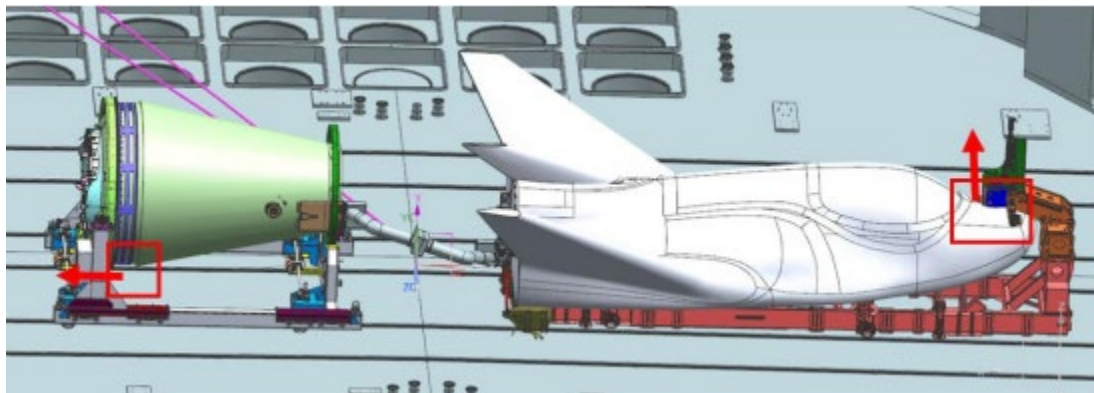


Figure 1. This is a representation of the location and orientation of the four CM GPS antennas and three UDC GPS antennas

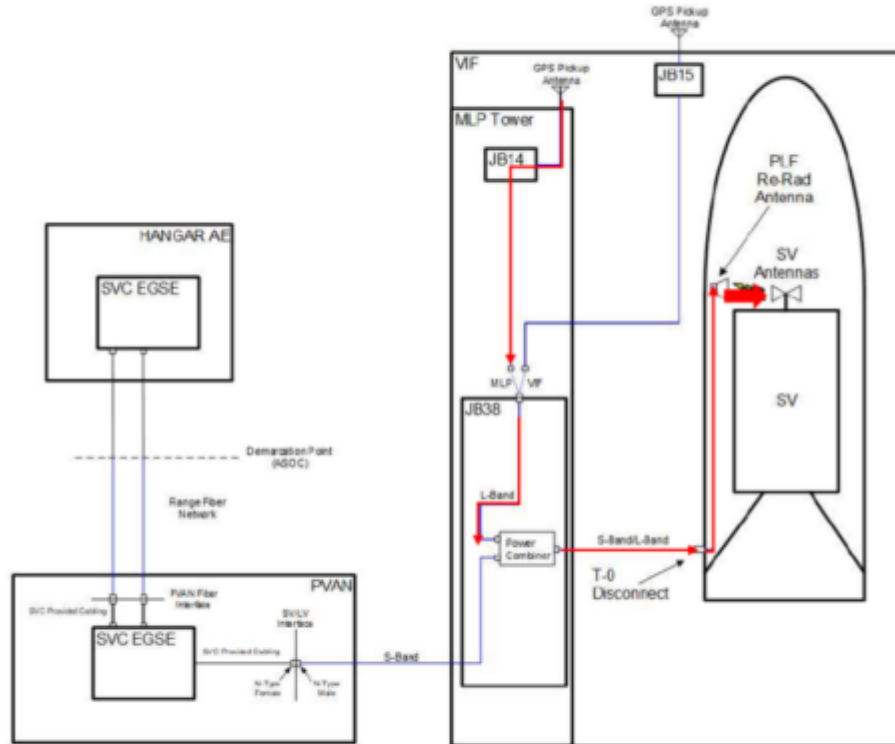


Figure 2. Re-rad Test Signal Flows

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Cease/Stop Buzzer POC:

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