

Test Description

Application POC:

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Purpose:

Satellite telemetry and Command RF Functional Check at the launch site facility and in the fairing.

Locations:

Cape Canaveral – SpaceX Launch Site
100 Spaceportway
Cape Canaveral, FL 32920

Loc 1: PPF (Payload Processing Facility):

Coordinates: 28-32-34 N 80-35-27 W

Loc 2: SLC (Space Launch Complex) 40- Inside SpaceX Fairing:

Coordinates: 28-33-44 N, 80-34-38 W

Frequencies Requested:

Frequency	Bandwidth	Emission	Power
11199.5 MHz	300 KHz	G2D	5 dBW (~ 3.1623 W)
11702.5 MHz	300 KHz	G2D	5 dBW (~ 3.1623 W)
12246.5 MHz	300 KHz	G2D	5 dBW (~ 3.1623 W)
13753.0 MHz	1.3 MHz	F2D	-3 dBm (~ 501.19 uW)
13998.0 MHz	1.3 MHz	F2D	-3 dBm (~ 501.19 uW)
14496.0 MHz	1.3 MHz	F2D	-3 dBm (~ 501.19 uW)

Stop Buzzers:

Tim Ufert
310-416-0433 (office)
310-344-8559 (mobile)

David Grey
310-364-9428 (office)
310-349-6306 (mobile)

Dates Operation:

1 March 2015 – 1 September 2015

Antenna Polarization:

RHCP

Antenna half Cone Beam Width:

90 Degrees