

Technical Description
SATCOM Antenna System Demonstration

The Boeing Company

Submitted: 9/17/2018
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JUSTIFICATION:
SATCOM System Demonstration

The Boeing Company is requesting a Special Temporary Authorization (STA) to support satellite antenna development.

Operation Start Date: 10/01/2018
Operation End Date: 04/01/2019

Test Case Transmit:
Frequencies: 30-31 GHz
Emissions: 29M0M1D
ERP: 34674W
Emissions: 2M0M1D
ERP: 5984W

Test Case Receive:
Frequencies: 20.2-21.2 GHz
Emissions: 29M0M1D
ERP: 13583W
Emissions: 2M0M1D
ERP: 11940W

LOCATIONS

Location: Herndon, VA
Lat/Lon: 38 57 31 N 77 22 33 W
Station Class FX

POINT OF COMMUNICATION: INMARSAT-5 F2

STOP BUZZER POINT OF CONTACT:

Stop Buzzer for Operation: Rahat Moin cell (562) 221-1521 or Boeing 24 hour NOC hotline: (855) 556-1001 email: bcssnoc@boeing.com