

Technical Description(Amended)
SATCOM Antenna System Demonstration

The Boeing Company

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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
Emissions:	2M3M1D
ERP:	38019W

Test Case Receive:

Frequencies:	20.2-21.2 GHz
Emissions:	29M0M1D
ERP:	13583W
Emissions:	2M0M1D
ERP:	11940W
Emissions:	2M3M1D
ERP:	12589W

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