

Operational Description
SATCOM Antenna System Demonstration

The Boeing Company

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By Daniel Wilson

Spectrum Manager

Global Spectrum Management MC M543-D219

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This activity will be coordinated with NGUYEN, JIMMY GS-14 USAF AFSPC
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Manufacturer: Gigasat
Model: MicroVSat
Frequencies: 30-31GHz
Emissions: 7M7M1D
ERP: 25703.957828W
Station Class: FX

Manufacturer: Gigasat
Model: FA240
Frequencies: 30-31GHz
Emissions: 15M0M1D, 45M0M1D
ERP: 2511886.43151W, 2089296.130854W
Station Class: FX

Manufacturer: Gigasat
Model: ULV45
Frequencies: 30-31GHz
Emissions: 15M0M1D
ERP: 346736.850453W
Station Class: FX

Point-of-Communication. Inmarsat 5F2
I5-F2 -Downlink

Frequencies: 20.2-21.2 GHz

Emissions: 15M0M1D
ERP: 37153.52291W
Emissions: 45M0M1D
ERP: 223872.113857W

Emissions:	7M71D
ERP:	2754.228703W
Emissions:	15M0M1D
ERP:	275422.870334W
Emissions:	7M7M1D
ERP:	2754.228703W
Emissions:	15M0M1D
ERP:	37153.52291W
Emissions:	15M0M1D
ERP:	275422.870334W
Emissions:	45M0M1D
ERP:	223872.113857W

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: Boeing 24 hour NOC hotline: (855) 556-1001 email:
bcssnoc@boeing.com