

Technical Description
SATCOM Antenna System Test and Development

The Boeing Company

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By Allen Lindsay, SR

Frequency Manager

Global Spectrum Management MC: 1K-105

P.O. Box 3707

Seattle, WA 98124-2207

(425)237-9168

JUSTIFICATION:

SATCOM System Test and Development

The Boeing Company is requesting a FCC Experimental License in lieu of Special Temporary Authorization (STA) WQ9XOC to continue supporting satellite antenna development at Herndon, VA.

OBJECTIVE & TEST DESCRIPTION

This requirement supports the development of the MicroAnt 0.45meter Off Set Parabolic (OFP),

The test will be conducted in in the vicinity of Herndon VA. Boeing is requesting to transmit Earth-to-Space, and receive Space-to-Earth to O3B satellite FCC Call Sign S2935.

0.45meter OFP

Frequencies: 28.278.GHz

Emissions: 260M00G7D

ERP: 106 MW

Station Class: FX

LOCATIONS

Location: Herndon, VA

Lat/Lon: 38 57 31 N 77 22 33 W

Station Class: FX

POINT OF COMMUNICATION: O3B Call Sign S2935

STOP BUZZER POINT OF CONTACT:

Stop Buzzer for Operation: Boeing 24 hour NOC hotline: (855) 556-1001 email:

bcssnoc@boeing.com