

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WI9XUZ

(Call Sign)

0797-EX-ST-2015

(File Number)

NAME Raytheon IIS

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

To examine the physical aspects of very small aperture transmission (VSAT) and point to point wireless infrastructure design and associated propagation characteristics.

Station Locations

(1) Sterling (LOUDOUN), VA - NL 38-58-48; WL 77-29-02

Frequency Information

Sterling (LOUDOUN), VA - NL 38-58-48; WL 77-29-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14-14.5 GHz	FX	400KG7D	380.19 kW (ERP)	

Special Conditions:

- (1) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective August 10, 2015 and
will expire 3:00 A.M. EST February 10, 2016

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COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Due to potential impact to NASA space-to-ground links, NASA requires coordination for operations which use any center frequencies within the 14000-14050.2 MHz band. POC is NASA/GSFC SPECTRUM MANAGER, SCOTT GALBRAITH AT 301.286.5089, VINCENT.S.GALBRAITH@NASA.GOV.
NON-INTERFERENCE BASIS TO NASA OPERATIONS.
- (4) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.
- (5) Stop buzzer is Mr. Kevin Chapman at (571) 250-2083 (office) and (703) 283-6708 (mobile)