

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WJ9XIA

(Call Sign)

0062-EX-ST-2016

(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:

Integration of satellite technology with Raytheon applications.

Station Locations

(1) Indianapolis (MARION), IN - NL 39-47-29; WL 86-03-34

Frequency Information

Indianapolis (MARION), IN - NL 39-47-29; WL 86-03-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1610-1610.6 MHz	FX	200KG1D	63 W (ERP)	
		60K0D1D		
		156KG1D		
		50K0G1D		
		25K0G1D		
		31K3G1D		
		45K0G1D		
		62K5G1D		

This authorization effective February 08, 2016 and
will expire 3:00 A.M. EST August 03, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Indianapolis (MARION), IN - NL 39-47-29; WL 86-03-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1613.8-1660 MHz	FX	62K5G1D 45K0G1D 31K3G1D 25K0G1D 50K0G1D 156KG1D 60K0D1D 200KG1D	63 W (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.
- (3) Operation not permitted in the shared primary Radio Astronomy bands: 1610.6 to 1613.8 MHz and 1660.0 to 1660.5 MHz .
- (4) All practicable steps must be taken to protect the radio astronomy service from harmful interference, in the remainder of the frequency range requested in the STA.
- (5) 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.
- (6) Stop Buzzer Point of Contact is Andy Wilmes at (317) 306-3053.
- (7) POINT OF COMMUNICATION: ViaSat SATCOM