

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WI2XJA

(Call Sign)

0322-EX-PL-2016

(File Number)

NAME Raytheon IIS

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(j) of the Commission's Rules

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 (+/-)
1616-1660 MHz	FX	62K5G1D	63 W (ERP)	
		45K0G1D		
		31K3G1D		
		25K0G1D		
		50K0G1D		
		156KG1D		
		60K0D1D		
		200KG1D		

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.

This authorization effective August 02, 2016 and
will expire 3:00 A.M. EST August 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) All practicable steps must be taken to protect the radio astronomy service from harmful interference.
- (4) Stop Buzzer Point of Contact is Andy Wilmes at (317) 306-3053.
- (5) POINT OF COMMUNICATION: ViaSat SATCOM