

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WG2XWR

(Call Sign)

0439-EX-RR-2015

(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) New Mexico State Uni (EDDY), NM - NL 32-45-14; WL 104-23-08
- (2) Las Cruces (DONA ANA), NM - NL 32-35-49; WL 106-56-36

Frequency Information

New Mexico State Uni (EDDY), NM - NL 32-45-14; WL 104-23-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
17740-18748 MHz	FX	35M0P0N	50 W (ERP)	

Las Cruces (DONA ANA), NM - NL 32-35-49; WL 106-56-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
17740-18748 MHz	FX	35M0P0N	50 W (ERP)	

This authorization effective November 01, 2015 and
will expire 3:00 A.M. EST November 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (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.
- (3) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) The Point-of-Contact (POC) that is to be provided to the DoD Area Frequency Coordinator, White Sands Missile Range, NM, Comm: (575) 678-3402, DSN 258, BB: (575) 993-0867 will be Mr. John Adams at 803-318-0021.