

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

EXPERIMENTAL

(Nature of Service)

WF2XXY

(Call Sign)

XD FX MO

(Class of Station)

0510-EX-CR-2017

(File Number)

NAME Raytheon IDS

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) McKinney (COLLIN), TX - NL 33-12-47; WL 96-39-05
- (2) Redstone Arsenal (MADISON), AL - NL 34-39-09; WL 86-40-17; MOBILE: Redstone Arsenal (MADISON), AL, within 100 km, centered around NL 34-39-09; WL 86-40-17
- (3) Tucson (PIMA), AZ - NL 32-05-43; WL 110-57-06; MOBILE: Tucson, AZ, within 200 km, centered around NL 32-05-43; WL 110-57-06
- (4) Fort Sill (COMANCHE), OK - NL 34-41-25; WL 98-26-07; MOBILE: Fort Sill, OK, within 40 km, centered around NL 34-41-25; WL 98-26-07

Frequency Information

McKinney (COLLIN), TX - NL 33-12-47; WL 96-39-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-17.71 GHz	FX	37M0Q3N 3M80F1D 152MQ3N 591MQ3N	5760 W (ERP)	

This authorization effective January 01, 2018 and
will expire 3:00 A.M. EST January 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Redstone Arsenal (MADISON), AL - NL 34-39-09; WL 86-40-17; MOBILE: Redstone Arsenal (MADISON), AL, within 100 km,

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.71-17.71 GHz	MO	3M80F1D 37M0Q3N 152MQ3N 591MQ3N	5760 W (ERP)	

Tucson (PIMA), AZ - NL 32-05-43; WL 110-57-06; MOBILE: Tucson, AZ, within 200 km, centered around NL 32-05-43; WL 110-57-06

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16.2-17.71 GHz	MO	37M0Q3N 3M80F1D 152MP3N 591MQ3N	5760 W (ERP)	

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Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

Special Conditions:

- (4) Operation is subject to prior coordination with the existing and future Fixed Microwave licensees in accordance with 47 CFR, Part 101.103(d).
- (5) The designated point-of-contact to terminate transmissions if interference occurs is Mr. John F. Adams at (803) 318-0021; Office or (714) 262-5019; Cell.
- (6) The Federal Aviation Administration had made a change towards the frequency band from 15.71 - 17.71 GHz to 16.2 - 17.71 GHz to be operated in McKinney, Texas.