

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

EXPERIMENTAL

(Nature of Service)

WI2XDG

(Call Sign)

XD FX MO

(Class of Station)

0795-EX-PL-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) Aurora (ARAPAHOE), CO - NL 39-43-05; WL 104-47-53
- (2) MOBILE: within 1 mile radius of rail station at top, within 1.6 km, centered around NL 38-50-24; WL 105-02-34

Frequency Information

Aurora (ARAPAHOE), CO - NL 39-43-05; WL 104-47-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437.425 MHz	FX	25K0G1D	933 W (ERP)	
437.5 MHz	FX	25K0G1D	933 W (ERP)	

This authorization effective March 07, 2016 and
will expire 3:00 A.M. EST March 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: within 1 mile radius of rail station at top, within 1.6 km, centered around NL 38-50-24; WL 105-02-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
437.425 MHz	MO	25K0G1D	2 W (ERP)	
437.5 MHz	MO	25K0G1D	2 W (ERP)	
2425 MHz	MO	1M60G1D	6 W (ERP)	

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.
- (3) Stop buzzer is Mr. Brian R. Kavalar at (317) 306-7793 (office) and (317) 517-9989 (cell).