

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WH2XEA

(Call Sign)

0317-EX-PL-2014

(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) MOBILE: Columbia Falls, MT, within 1.6 km, centered around NL 48-15-56; WL 114-10-12
- (2) Columbia Falls (FLATHEAD), MT - NL 48-15-56; WL 114-10-12
- (3) Bennett (ADAMS), CO - NL 39-54-53; WL 104-23-43
- (4) MOBILE: Bennett, CO, within 1.6 km, centered around NL 39-54-53; WL 104-23-43

Frequency Information

MOBILE: Columbia Falls, MT, within 1.6 km, centered around NL 48-15-56; WL 114-10-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4500-4522 MHz	MO	6M00F1D	3.24 W (ERP)	
4538-4700 MHz	MO	6M00F1D	3.24 W (ERP)	

This authorization effective May 08, 2014 and
will expire 3:00 A.M. EST May 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Columbia Falls (FLATHEAD), MT - NL 48-15-56; WL 114-10-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4500-4522 MHz	FX	6M00F1D	82 W (ERP)	
4538-4700 MHz	FX	6M00F1D	82 W (ERP)	

Bennett (ADAMS), CO - NL 39-54-53; WL 104-23-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4500-4522 MHz	FX	6M00F1D	82 W (ERP)	
4538-4700 MHz	FX	6M00F1D	82 W (ERP)	

MOBILE: Bennett, CO, within 1.6 km, centered around NL 39-54-53; WL 104-23-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4500-4522 MHz	MO	6M00F1D	3.24 W (ERP)	
4538-4700 MHz	MO	6M00F1D	3.24 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.

Special Conditions:

(3) Stop buzzer is Mr. Douglas Erickson at (303) 717-8091, and (303) 344-6606.