

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WG2XQY

(Call Sign)

0214-EX-PL-2013

(File Number)

NAME _____ Insitu _____

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(i) of the Commission's Rules

Station Locations

- (1) Boardman (MORROW), OR - NL 45-44-53; WL 119-48-11
- (2) MOBILE: Airborne operations, within 20 km, centered around NL 45-44-53; WL 119-48-11
- (3) Lenore Lake (DOUGLAS), WA - NL 47-31-32; WL 119-30-47

Frequency Information

Boardman (MORROW), OR - NL 45-44-53; WL 119-48-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2310-2314 MHz	FX	230KF1D	2428 W (ERP)	

MOBILE: Airborne operations, within 20 km, centered around NL 45-44-53; WL 119-48-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2310-2314 MHz	MO	230KF1D	2.5 W (ERP)	

This authorization effective May 29, 2013 and
will expire 3:00 A.M. EST June 01, 2015

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COMMUNICATIONS
COMMISSION**

Frequency Information

MOBILE: Airborne operations, within 20 km, centered around NL 45-44-53; WL 119-48-11

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2385 MHz	MO	9M58G1D	3.05 W (ERP)	

Lenore Lake (DOUGLAS), WA - NL 47-31-32; WL 119-30-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2310-2314 MHz	FX	230KF1D	6098 W (ERP)	

Special Conditions:

- (1) Operation on frequency assignments in one of the bands 1435-1535 or 2310-2390 MHz was coordinated prior to authorization with the Western Area Frequency Coordinator (WAFC), Point Mugu, CA, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with the WAFC as necessary to ensure compatibility with existing uses.
- (2) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to its authorization with AFMO CONUS, Ft. Sam Houston, TX, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with AFMO CONUS, Ft. Sam Houston, TX, as necessary to ensure compatibility with existing uses.
- (3) 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.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) Aircraft max operating altitude is 7,000 ft AGL
- (6) The designated point-of-contact to terminate transmissions if interference occurs is the Operations Center at (866) 637-4691.