

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WL2XNT

(Call Sign)

0098-EX-CN-2021

(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(j) of the Commission's Rules

Station Locations

- (1) Bingen, WA - NL 45-42-23; WL 121-27-29
- (2) Pendleton, OR - NL 45-41-21; WL 118-50-32
- (3) MOBILE: Pendleton, OR. 15,000 Foot Maximum Flight Level, within 100 km, centered around NL 45-41-21; WL 118-50-32

Frequency Information

Bingen, WA - NL 45-42-23; WL 121-27-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5060-5070 MHz	FX	230KF1D	13200 W (ERP)	
5060-5070 MHz	FX	230KF1D	2 W (ERP)	

This authorization effective April 02, 2021 and
will expire 3:00 A.M. EST November 01, 2021

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COMMUNICATIONS
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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.
- (4) One or more frequency assignments were coordinated prior to authorization with FAA Headquarters, 800 Independence Avenue, S.W., Washington, DC 20591; Telephone: 202-267-8699.
- (5) Testing for 5060-5070 MHz is one time for RF filters. Any renewal will require (1) use of 5030-5040 MHz, (2) use of discrete frequencies instead of entire band or sub-band, and (3) no frequency hopping. Due to possible interference with DOD operations around Olympic Peninsula, airborne radius of operations limited to 55 nautical miles (100 km) around Pendleton UAS test range.
- (6) Stop Buzzer for this operation is Insitu Operations Action Center at 509-493-4691.