

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

EXPERIMENTAL

(Nature of Service)

WJ2XRK

(Call Sign)

XC FX MO

(Class of Station)

0618-EX-CN-2018

(File Number)

NAME Radiant Solutions

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(c) of the Commission's Rules

Station Locations

- (1) Ypsilanti, MI - NL 42-13-54; WL 83-30-22; MOBILE: Ypsilanti, MI, within 50 km, centered around NL 42-13-54; WL 83-30-22

Frequency Information

Ypsilanti, MI - NL 42-13-54; WL 83-30-22; MOBILE: Ypsilanti, MI, within 50 km, centered around NL 42-13-54; WL 83-30-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.615 GHz	MO	430MM1D	1.19 kW (ERP)	0.01 %
15.25 GHz	FX	200MM1D	1.19 kW (ERP)	0.01 %

Special Conditions:

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

This authorization effective September 17, 2018 and
will expire 3:00 A.M. EST April 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number FA8650-15-C-7553. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (5) Aircraft operations are limited to U.S.-registered aircraft.
- (6) The radars shall not be used for air traffic control purposes or separation of aircraft.
- (7) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (8) The stop buzzer contact for this project is Scott Albain at (734) 480-5018.