

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

EXPERIMENTAL

(Nature of Service)

WI2XTE

(Call Sign)

XC FX MO

(Class of Station)

0203-EX-TC-2019

(File Number)

NAME Raytheon Company

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) Florence, AZ - NL 34-04-29; WL 111-22-12

(2) MOBILE: Florence, AZ, within 9.6 km, centered around NL 34-04-29; WL 111-22-12

Frequency Information

Florence, AZ - NL 34-04-29; WL 111-22-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
351 MHz	FX	280KF1D 480KF1D	12.162 W (ERP)	
362.25 MHz	FX	280KF1D 480KF1D	12.162 W (ERP)	

This authorization effective January 23, 2020 and
will expire 3:00 A.M. EST July 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Florence, AZ, within 9.6 km, centered around NL 34-04-29; WL 111-22-12

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
351 MHz	MO	280KF1D 480KF1D	2 W (ERP)	
362.25 MHz	MO	480KF1D 280KF1D	2 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) Raytheon must adhere to the SPS certification thru their DOD sponsor for the associated Microhard System (MHX320 and n320F).
- (5) Stop buzzer POC is Jim Ortega, at (520) 794-0227.
- (6) 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 N00014-15C-0047. 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.