

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

EXPERIMENTAL

(Nature of Service)

WK2XIJ

(Call Sign)

XD MO

(Class of Station)

0227-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(j) of the Commission's Rules

Station Locations

(1) MOBILE: Moriarty, NM, within 0.1 km, centered around NL 34-59-03; WL 106-00-14

Frequency Information

MOBILE: Moriarty, NM, within 0.1 km, centered around NL 34-59-03; WL 106-00-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10.175-10.5 GHz	MO		24.45 kW (ERP)	
		1K00N0N		
		4M00N0N		
		300MF3N		

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.

This authorization effective January 22, 2020 and
will expire 3:00 A.M. EST August 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) Operations must be scheduled with the DoD Area Frequency Coordinator (AFC), via e-mail to: usarmy.wsmr.imcom-central.list.dodafc@mail.mil, at least 96 hours prior to system activation. AFC-WSMR suggests scheduling on a weekly basis, to include the tests dates, and start/stop times, along with an electronic copy of the final FCC license.
- (5) Stop Buzzer Point of Contact: Jim Ortega, at (520) 794-0227; James.e.ortega@raytheon.com