

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WI2XKD

(Call Sign)

0382-EX-CR-2020

(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: Tucson, AZ (Radios will move between indoor labs at plant), within 0.5 km, centered around NL 32-06-12; WL 110-56-30
- (2) MOBILE: Tucson, AZ (Radios will move between indoor labs at plant), within 0.5 km, centered around NL 32-08-18; WL 110-55-14

Frequency Information

MOBILE: Tucson, AZ (Radios will move between indoor labs at plant), within 0.5 km, centered around NL 32-06-12; WL 110-56-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-450 MHz	MO	6M50F1D	100 W (ERP)	

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This authorization effective July 01, 2020 and
will expire 3:00 A.M. EST July 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Stop buzzer point-of-contact is Jim Ortega at (520) 794-0227.