

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

EXPERIMENTAL

(Nature of Service)

WJ2XNA

(Call Sign)

XD MO

(Class of Station)

0297-EX-CR-2021

(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: McKinney, TX, within 200 km, centered around NL 32-12-48; WL 96-39-13

Frequency Information

MOBILE: McKinney, TX, within 200 km, centered around NL 32-12-48; WL 96-39-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8.5-9 GHz	MO	25M0Q3N	20 MW (ERP)	
		78M2Q3N		
		161MQ3N		
		238MQ3N		
		353MQ3N		
		478MQ3N		

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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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 August 01, 2021 and
will expire 3:00 A.M. EST February 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.
- (5) Stop Buzzers is Thomas Taylor at (972) 952-3556.