

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

EXPERIMENTAL

(Nature of Service)

WF2XQH

(Call Sign)

XT MO

(Class of Station)

0171-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: Nationwide

Frequency Information

MOBILE: Nationwide

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
430.5 MHz	MO	16K0F3D	34.2 W (ERP)	
431.25 MHz	MO	16K0F3D 16K0F3E	34.2 W (ERP)	
435.5 MHz	MO	16K0F3D 16K0F3E	34.2 W (ERP)	
445.5 MHz	MO	16K0F3D	34.2 W (ERP)	

This authorization effective March 26, 2020 and
will expire 3:00 A.M. EST November 01, 2024

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Nationwide

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
445.5 MHz	MO	16K0F3E	34.2 W (ERP)	
465.5 MHz	MO	16K0F3D	34.2 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.