

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

EXPERIMENTAL

(Nature of Service)

WK2XAN

(Call Sign)

XD FX MO

(Class of Station)

0455-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) Los Angeles (LOS ANGELES), CA - NL 33-54-51; WL 118-23-24; MOBILE: Los Angeles, CA, within 100 km, centered around NL 33-54-51; WL 118-23-24

Frequency Information

Los Angeles (LOS ANGELES), CA - NL 33-54-51; WL 118-23-24; MOBILE: Los Angeles, CA, within 100 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
73.5 GHz	FX	5G00A2D	60975 W (ERP)	
83.5 GHz	FX	5G00A2D	60975 W (ERP)	

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.

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) Prior coordinate the operation with the other existing users in 71-76 GHz, 81-86 GHz bands prior to operation in the proposed frequency bands.
- (5) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.