

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WJ2XHF

(Call Sign)

0093-EX-CM-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) Tucson (PIMA), AZ - NL 32-05-43; WL 110-57-06; MOBILE: Tucson, AZ, within 200 km, centered around NL 32-05-43; WL 110-57-06

Frequency Information

Tucson (PIMA), AZ - NL 32-05-43; WL 110-57-06; MOBILE: Tucson, AZ, within 200 km, centered around NL 32-05-43; WL 110-57-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6750-7125 MHz	MO	375MF3N	1 W (ERP)	
15.71-17.71 GHz	MO	28K4M1N 3M80F1D 151MM1N 461MM1N 590MM1N	1.8 kW (ERP)	

Special Conditions:

- (1) 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 May 15, 2020 and
will expire 3:00 A.M. EST March 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at https://www.sbe.org/sections/freq_local.php to find the appropriate coordinator.
- (6) Station authorized herein must not be used to provide air traffic control communications.
- (7) The stop buzzer point of contact is John Adams at (714) 262-5019.