

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

EXPERIMENTAL

(Nature of Service)

WJ2XFC

(Call Sign)

XD FX MO

(Class of Station)

0211-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) San Nicolas Island (LOS ANGELES), CA - NL 33-14-57; WL 119-29-58; MOBILE: fixed and airborne mobile operations around center, within 80 km, centered around NL 33-14-57; WL 119-29-58
- (2) San Clemente Island (LOS ANGELES), CA - NL 32-54-10; WL 118-29-54; MOBILE: fixed and airborne mobile operations around center, within 80 km, centered around NL 32-54-10; WL 118-29-54
- (3) Point Mugu (VENTURA), CA - NL 34-06-36; WL 119-06-36; MOBILE: fixed and airborne mobile operations around center, within 80 km, centered around NL 34-06-36; WL 119-06-36

Frequency Information

San Nicolas Island (LOS ANGELES), CA - NL 33-14-57; WL 119-29-58; MOBILE: fixed and airborne mobile operations around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
451.45 MHz	FX	15K3F1D	6.1 W (ERP)	
451.45 MHz	MO	15K3F1D	6.1 W (ERP)	

This authorization effective January 22, 2020 and
will expire 3:00 A.M. EST December 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

San Nicolas Island (LOS ANGELES), CA - NL 33-14-57; WL 119-29-58; MOBILE: fixed and airborne mobile operations around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
471 MHz	FX	15K3F1D	6.1 W (ERP)	
471 MHz	MO	15K3F1D	6.1 W (ERP)	
479.45 MHz	FX	15K3F1D	6.1 W (ERP)	
479.45 MHz	MO	15K3F1D	6.1 W (ERP)	

San Clemente Island (LOS ANGELES), CA - NL 32-54-10; WL 118-29-54; MOBILE: fixed and airborne mobile operations around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
451.45 MHz	FX	15K3F1D	6.1 W (ERP)	
451.45 MHz	MO	15K3F1D	6.1 W (ERP)	
471 MHz	FX	15K3F1D	6.1 W (ERP)	
471 MHz	MO	15K3F1D	6.1 W (ERP)	
479.45 MHz	FX	15K3F1D	6.1 W (ERP)	

Frequency Information

San Clemente Island (LOS ANGELES), CA - NL 32-54-10; WL 118-29-54; MOBILE: fixed and airborne mobile operations around center, with

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
479.45 MHz	MO	15K3F1D	6.1 W (ERP)	

Point Mugu (VENTURA), CA - NL 34-06-36; WL 119-06-36; MOBILE: fixed and airborne mobile operations around center, with

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
451.45 MHz	FX	15K3F1D	6.1 W (ERP)	
451.45 MHz	MO	15K3F1D	6.1 W (ERP)	
471 MHz	FX	15K3F1D	6.1 W (ERP)	
471 MHz	MO	15K3F1D	6.1 W (ERP)	
479.45 MHz	FX	15K3F1D	6.1 W (ERP)	
479.45 MHz	MO	15K3F1D	6.1 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.

Special Conditions:

- (4) 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.
- (5) Stop buzzer point of contact is Mr. Jim Ortega, at (520) 794-0227.