

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

EXPERIMENTAL

(Nature of Service)

WL2XLD

(Call Sign)

XD FX MO

(Class of Station)

1006-EX-CN-2020

(File Number)

NAME Raytheon Company (Missiles and Defense - M)

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: San Luis Obispo, CA, within 0.5 km, centered around NL 35-15-05; WL 120-39-59
- (2) San Luis Obispo (SAN LUIS OBISPO), CA - NL 35-15-05; WL 120-39-59

Frequency Information

MOBILE: San Luis Obispo, CA, within 0.5 km, centered around NL 35-15-05; WL 120-39-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1377 MHz	MO	20M0D1D 20M0G1D	18 W (ERP)	
1382 MHz	MO	16M0D1D 16M0G1D	15 W (ERP)	
1387 MHz	MO	6M00D1D 6M00G1D	15 W (ERP)	

This authorization effective April 05, 2021 and
will expire 3:00 A.M. EST April 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

San Luis Obispo (SAN LUIS OBISPO), CA - NL 35-15-05; WL 120-39-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1377 MHz	FX	20M0D1D 20M0G1D	49 W (ERP)	
1382 MHz	FX	20M0D1D 20M0G1D	49 W (ERP)	
1387 MHz	FX	20M0D1D 20M0G1D	49 W (ERP)	

Special Conditions:

- (1) One or more frequency assignments were coordinated prior to authorization with FAA Headquarters, 800 Independence Avenue, S.W., Washington, DC 20591; Telephone: 202-267-8699.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (5) Stop Buzzer Point of Contact is Jim Ortega at (520) 794-0227.
- (6) Operation must comply with ITU resolution 750 Out-Of-Band Emission (OOBE) limits.