

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

EXPERIMENTAL

(Nature of Service)

WJ2XZX

(Call Sign)

XD FX MO

(Class of Station)

0054-EX-CN-2019

(File Number)

NAME Lockheed Martin Corporation

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) Vineyard (UTAH), UT - NL 40-17-17; WL 111-44-04; MOBILE: Vineyard, UT. 400 ft altitude; within 50 miles, within 80 km, centered around NL 40-17-17; WL 111-44-04

Frequency Information

Vineyard (UTAH), UT - NL 40-17-17; WL 111-44-04; MOBILE: Vineyard, UT. 400 ft altitude; within 50 miles, within 80 km, cent

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1785 MHz	MO	20M0D1D	2 W (ERP)	0.001 %
1785 MHz	FX	20M0D1D	12.6 W (ERP)	0.001 %
1805 MHz	FX	20M0D1D	12.6 W (ERP)	0.001 %
1805 MHz	MO	20M0D1D	2 W (ERP)	0.001 %

This authorization effective March 11, 2019 and
will expire 3:00 A.M. EST March 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Vineyard (UTAH), UT - NL 40-17-17; WL 111-44-04; MOBILE: Vineyard, UT. 400 ft altitude; within 50 miles, within 80 km, cent

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2211 MHz	FX	22M0D1D	19 W (ERP)	0.001 %
2211 MHz	MO	22M0D1D	6 W (ERP)	0.001 %
2231 MHz	FX	22M0D1D	19 W (ERP)	0.001 %
2231 MHz	MO	22M0D1D	6 W (ERP)	0.001 %

Special Conditions:

- (1) Licensee must be made aware that the bands, 1695-1710 MHz, 1755 MHz-1780 MHz and 2155-2180 MHz, are in the AWS 3 band to be licensed in the Commission's current auction proceedings. This license authorization can potentially be impacted as a result of the proceedings and licensee is advised to use another band for long term operation.
- (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) Lockheed Martin Corporation must reduce radius of operations to handle RLOS flights and avoid major airports within requested radius.