

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WF2XRZ

(Call Sign)

0254-EX-CR-2021

(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) MOBILE: Fort Worth [TARRANT], TX, within 400 km, centered around NL 32-46-09; WL 97-26-30
- (2) MOBILE: Lancaster [KERN], CA, within 100 km, centered around NL 34-54-52; WL 117-54-46

Frequency Information

MOBILE: Fort Worth [TARRANT], TX, within 400 km, centered around NL 32-46-09; WL 97-26-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14405 MHz	MO	8M00G1D	6.1 kW (ERP)	
14415 MHz	MO	21M4G1D	6.1 kW (ERP)	
14425 MHz	MO	42M8G1D	6.1 kW (ERP)	

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Fort Worth [TARRANT], TX, within 400 km, centered around NL 32-46-09; WL 97-26-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14445 MHz	MO	89M5G1D	6.1 kW (ERP)	
14475 MHz	MO	147MG1D	6.1 kW (ERP)	
15155 MHz	MO	800KG1D	38 kW (ERP)	
15165 MHz	MO	21M4G1D	38 kW (ERP)	
15175 MHz	MO	42M8G1D	38 kW (ERP)	
15195 MHz	MO	89M5G1D	38 kW (ERP)	

MOBILE: Lancaster [KERN], CA, within 100 km, centered around NL 34-54-52; WL 117-54-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14405 MHz	MO	8M00G1D	6.1 kW (ERP)	
14415 MHz	MO	21M4G1D	6.1 kW (ERP)	
14425 MHz	MO	42M8G1D	6.1 kW (ERP)	

Frequency Information

MOBILE: Lancaster [KERN], CA, within 100 km, centered around NL 34-54-52; WL 117-54-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14445 MHz	MO	89M5G1D	6.1 kW (ERP)	
14475 MHz	MO	147MG1D	6.1 kW (ERP)	
15155 MHz	MO	800KG1D	38 kW (ERP)	
15165 MHz	MO	21M4G1D	38 kW (ERP)	
15175 MHz	MO	42M8G1D	38 kW (ERP)	
15185 MHz	MO	64M0G1D	38 kW (ERP)	
15195 MHz	MO	89M5G1D	38 kW (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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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.
- (4) All operations subject to prior coordination with the Western Area Frequency Coordinator in the Navy Pacific Missile Test Center, Point Mugu, California: (760) 939-6948.
- (5) Maximum antenna AGL 15240 meters.