

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

EXPERIMENTAL

(Nature of Service)

XC FX MO

(Class of Station)

WK2XMO

(Call Sign)

0524-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(c) of the Commission's Rules

Station Locations

- (1) Fort Worth (TARRANT), TX - NL 32-46-47; WL 97-26-52; MOBILE: 200 mirad of coordinates, 50000 ft altitude, within 322 km, centered around NL 32-46-47; WL 97-26-52

Frequency Information

Fort Worth (TARRANT), TX - NL 32-46-47; WL 97-26-52; MOBILE: 200 mirad of coordinates, 50000 ft altitude, within 322 km,

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-4940 MHz	MO	8M12F9D	20 W (ERP)	
		5M80F9D		
		4M64F9D		
		3M48F9D		
		2M32F9D		
		1M16F9D		
		7M80F9D		
		6M24F9D		
		4M68F9D		
		3M12F9D		
		1M56F9D		

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Fort Worth (TARRANT), TX - NL 32-46-47; WL 97-26-52; MOBILE: 200 mirad of coordinates, 50000 ft altitude, within 322 km,

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4400-4940 MHz	MO	780KF9D	20 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.
- (4) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number FA8615-16-C-6048. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.