

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WG2XFA

(Call Sign)

0310-EX-CR-2020

(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: Orlando, FL, within 92.59 km, centered around NL 28-26-40; WL 81-27-33

Frequency Information

MOBILE: Orlando, FL, within 92.59 km, centered around NL 28-26-40; WL 81-27-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1850 MHz	MO	1M62F1D 3M42F1D 6M48F1D 12M9F1D 17M0F9W	30 W (ERP)	
4400-4940 MHz	MO	1M62F1D 3M24F1D 6M48F1D 12M9F1D 17M0F9W	30 W (ERP)	

This authorization effective August 01, 2020 and
will expire 3:00 A.M. EST August 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Orlando, FL, within 92.59 km, centered around NL 28-26-40; WL 81-27-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5250-5850 MHz	MO	1M62F1D 3M24F1D 6M48F1D 12M9F1D 17M0F9W	30 W (ERP)	

Special Conditions:

- (1) Operation in the 1695-1780 MHz, 1915-1920 MHz, 1995-2020 MHz or 2110-2200 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (2) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (3) 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.
- (4) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (5) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (6) 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.