

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

EXPERIMENTAL
(Nature of Service)

XC MO
(Class of Station)

WG2XFA
(Call Sign)

0545-EX-CR-2026
(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) 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		250 W (ERP)	
		1M62F1D		
		3M42F1D		
		6M48F1D		
		12M9F1D		
		17M0F9W		
2400-2500 MHz	MO		250 W (ERP)	
		1M62F1D		
		3M24F1D		
		6M48F1D		
		12M9F1D		
		17M0F9W		

This authorization effective August 01, 2026 and
will expire 3:00 A.M. ET August 01, 2028

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 (+/-)
4400-4940 MHz	MO	1M62F1D 3M24F1D 6M48F1D 12M9F1D 17M0F9W 20M0D1D 100MD1D	250 W (ERP)	
5250-5600 MHz	MO	1M62F1D 3M24F1D 6M48F1D 12M9F1D 17M0F9W	250 W (ERP)	
5650-5850 MHz	MO	17M0F9W 12M9F1D 6M48F1D 3M24F1D 1M62F1D	250 W (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) All operations subject to coordination with the Eastern Area Frequency Coordinator located at Patrick AFB, Florida, prior to use within the area bounded by 24 degrees N, 31 degrees 30' N and 77 degrees W, 83 degrees W.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) 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.
- (5) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.

Special Conditions:

- (6) 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.
- (7) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at <http://sbe.org/resources/frequency-coordination/> to find the appropriate coordinator.
- (8) The stop buzzer point of contact is Ryan Redmond at (407) 664-4408.
- (9) Prior to commencing any operations in the 2483.5 ? 2500 MHz frequency band, the applicant must notify the earth station licensees listed below of its test dates and provide a stop buzzer in case of interference:
Cal sign: E970381
Name: GUSA Licensee LLC Phone Number: 985-335-1503
E-Mail: Barbee.Ponder@Globalstar.com
Attention: Mr. L. Barbee Ponder IV
Name: Stephen J. Berman Phone Number: 202-777-7700
E-Mail: sberman@lawlermetzger.com
Attention: Steve Berman Relationship: Legal Counsel
- (10) 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 FA8626-12-D-2138 0008. 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.