

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

EXPERIMENTAL

(Nature of Service)

WF2XYT

(Call Sign)

XE FX MO

(Class of Station)

0236-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) Owego (TIOGA), NY - NL 42-07-26; WL 76-11-30; MOBILE: Owego, NY, within 50 km, centered around NL 42-07-26; WL 76-11-30

Frequency Information

Owego (TIOGA), NY - NL 42-07-26; WL 76-11-30; MOBILE: Owego, NY, within 50 km, centered around NL 42-07-26; WL 76-11-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1719 MHz	MO	18M0F8W	6.2 W (ERP)	
1801 MHz	MO	18M0F8W	6.2 W (ERP)	
2027.5 MHz	FX	4M68G1D	32 W (ERP)	
2027.5 MHz	MO	4M68G1D	5 W (ERP)	

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Owego (TIOGA), NY - NL 42-07-26; WL 76-11-30; MOBILE: Owego, NY, within 50 km, centered around NL 42-07-26; WL 76-:

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2035 MHz	MO	20M0G1D	5 W (ERP)	
2035 MHz	FX	20M0G1D	32 W (ERP)	
2037.5 MHz	FX	4M68G1D	32 W (ERP)	
2037.5 MHz	MO	4M68G1D	5 W (ERP)	
2047.5 MHz	FX	4M68G1D	32 W (ERP)	
2047.5 MHz	MO	4M68G1D	5 W (ERP)	
2060 MHz	FX	20M0G1D	32 W (ERP)	
2060 MHz	MO	20M0G1D	5 W (ERP)	
2067.5 MHz	FX	4M68G1D	32 W (ERP)	
2067.5 MHz	MO	4M68G1D	5 W (ERP)	

Frequency Information

Owego (TIOGA), NY - NL 42-07-26; WL 76-11-30; MOBILE: Owego, NY, within 50 km, centered around NL 42-07-26; WL 76-:

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2235 MHz	MO	20M0D1D	16 W (ERP)	
2235 MHz	FX	20M0D1D	97 W (ERP)	
2255 MHz	FX	20M0D1D	97 W (ERP)	
2255 MHz	MO	20M0D1D	16 W (ERP)	
2275 MHz	MO	18M0F8W	6.2 W (ERP)	
2275 MHz	FX	20M0D1D	97 W (ERP)	
2275 MHz	MO	20M0D1D	16 W (ERP)	
2295 MHz	FX	20M0D1D	97 W (ERP)	
2295 MHz	MO	20M0D1D	16 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

Special Conditions:

- (3) 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.
- (4) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at <http://sbe.org/wp-content/uploads/freqcoor.pdf> to find the appropriate coordinator.
- (5) 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.
- (6) The designated point-of-contact to terminate transmissions if interference occurs is Kyle England (805) 540-1797.