

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

EXPERIMENTAL

(Nature of Service)

WI2XRJ

(Call Sign)

XD FX MO

(Class of Station)

0034-EX-CR-2019

(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) Greenville (GREENVILLE), SC - NL 34-44-48; WL 82-22-53
- (2) MOBILE: Fort Worth, TX, within 100 km, centered around NL 32-46-09; WL 97-26-30
- (3) MOBILE: Greenville, SC, within 200 km, centered around NL 34-44-48; WL 82-22-53
- (4) Fort Worth (TARRANT), TX - NL 32-46-21; WL 97-26-55
- (5) MOBILE: Possum Kingdom Lake, TX, within 100 km, centered around NL 32-49-27; WL 98-32-38

Frequency Information

Greenville (GREENVILLE), SC - NL 34-44-48; WL 82-22-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2364 MHz	FX	5M00M1D	100 W (ERP)	0.003 %
2384 MHz	FX	5M00M1D	100 W (ERP)	0.003 %

This authorization effective February 01, 2019 and
will expire 3:00 A.M. EST February 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Fort Worth, TX, within 100 km, centered around NL 32-46-09; WL 97-26-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2364 MHz	MO	5M00M1D 1M00D1N	100 W (ERP)	0.003 %
2384 MHz	MO	5M00M1D 1M00D1N	100 W (ERP)	0.003 %

MOBILE: Greenville, SC, within 200 km, centered around NL 34-44-48; WL 82-22-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2364 MHz	MO	5M00M1D 1M00D1N	100 W (ERP)	0.003 %
2384 MHz	MO	5M00M1D 1M00D1N	100 W (ERP)	0.003 %

Fort Worth (TARRANT), TX - NL 32-46-21; WL 97-26-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2364 MHz	FX	5M00M1D	100 W (ERP)	0.003 %
2384 MHz	FX	5M00M1D	100 W (ERP)	0.003 %

Frequency Information

MOBILE: Possum Kingdom Lake, TX, within 100 km, centered around NL 32-49-27; WL 98-32-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2364 MHz	MO	5M00M1D 1M00D1N	100 W (ERP)	0.003 %
2384 MHz	MO	5M00M1D 1M00D1N	100 W (ERP)	0.003 %

Special Conditions:

- (1) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to its authorization with AFMO CONUS, Ft. Sam Houston, TX, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with AFMO CONUS, Ft. Sam Houston, TX, as necessary to ensure compatibility with existing uses.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) Operations conducted out of Greenville, SC must be pre coordinated with the Regional Telemetry Scheduler at the Atlantic Test Range, Patuxent River, MD
paxrtpsched@navy.mil
- (6) Stop buzzer is Mr. Don Barnett at (817) 777-3826.