

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WI2XCM

(Call Sign)

0029-EX-ML-2016

(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: Grand Prairie, TX, within 2 km, centered around NL 32-43-03; WL 97-01-42
- (2) MOBILE: Littleton, CO, within 10 km, centered around NL 39-32-32; WL 105-02-17
- (3) MOBILE: Avon, IN, within 2 km, centered around NL 39-45-17; WL 86-22-29
- (4) MOBILE: Camp Grayling, MI, within 3.5 km, centered around NL 44-43-08; WL 84-36-17
- (5) MOBILE: Fort Benning, GA, within 5 km, centered around NL 32-22-12; WL 84-48-17
- (6) MOBILE: Fort Carson, CO, within 2 km, centered around NL 38-44-36; WL 104-47-16
- (7) MOBILE: Fort Hood, TX, within 2 km, centered around NL 31-07-49; WL 97-46-49

Frequency Information

MOBILE: Grand Prairie, TX, within 2 km, centered around NL 32-43-03; WL 97-01-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2377 MHz	MO	10M0D1D	2 W (ERP)	
2412 MHz	MO	10M0D1D	2 W (ERP)	

This authorization effective April 01, 2016 and
will expire 3:00 A.M. EST January 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Littleton, CO, within 10 km, centered around NL 39-32-32; WL 105-02-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2377 MHz	MO	10M0D1D	2 W (ERP)	
2412 MHz	MO	10M0D1D	2 W (ERP)	

MOBILE: Avon, IN, within 2 km, centered around NL 39-45-17; WL 86-22-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2377 MHz	MO	10M0D1D	2 W (ERP)	
2412 MHz	MO	10M0D1D	2 W (ERP)	

MOBILE: Camp Grayling, MI, within 3.5 km, centered around NL 44-43-08; WL 84-36-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2377 MHz	MO	10M0D1D	2 W (ERP)	
2412 MHz	MO	10M0D1D	2 W (ERP)	

Frequency Information

MOBILE: Fort Benning, GA, within 5 km, centered around NL 32-22-12; WL 84-48-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2377 MHz	MO	10M0D1D	2 W (ERP)	
2412 MHz	MO	10M0D1D	2 W (ERP)	

MOBILE: Fort Carson, CO, within 2 km, centered around NL 38-44-36; WL 104-47-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2377 MHz	MO	10M0D1D	2 W (ERP)	
2412 MHz	MO	10M0D1D	2 W (ERP)	

MOBILE: Fort Hood, TX, within 2 km, centered around NL 31-07-49; WL 97-46-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2377 MHz	MO	10M0D1D	2 W (ERP)	
2412 MHz	MO	10M0D1D	2 W (ERP)	

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.

Special Conditions:

- (2) 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.
- (3) This frequency assignment in one of the bands 1435-1535 or 2310-2390 MHz was coordinated prior to authorization with the Gulf Area Frequency Coordinator, Eglin AFB, Florida, 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 the Gulf AFC, Eglin AFB, Florida, as necessary to ensure compatibility with existing uses.