

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

EXPERIMENTAL

(Nature of Service)

WC2XVS

(Call Sign)

XD MO

(Class of Station)

0318-EX-RR-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: Bithlo (ORANGE), FL, within 5 km, centered around NL 28-23-09; WL 81-05-40
- (2) MOBILE: Orlando (ORANGE), FL, within 15 km, centered around NL 28-26-45; WL 81-27-07
- (3) MOBILE: Redstone Arsenal (MADISON), AL, within 5 km, centered around NL 34-40-12; WL 86-41-03
- (4) MOBILE: Orlando (ORANGE), FL, within 5 km, centered around NL 28-32-50; WL 81-20-19
- (5) MOBILE: Grand Prairie (DALLAS), TX, within 10 km, centered around NL 32-43-03; WL 97-01-42
- (6) MOBILE: Goodyear (MARICOPA), AZ, within 300 km, centered around NL 33-25-48; WL 112-21-54
- (7) MOBILE: Fort Walton Beach (OKALOOSA), FL, within 100 km, centered around NL 30-36-34; WL 86-32-26

Frequency Information

MOBILE: Bithlo (ORANGE), FL, within 5 km, centered around NL 28-23-09; WL 81-05-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200.5-2299.5 MHz	MO	22M8F1D 15M6G1D	5 W (ERP)	

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Bithlo (ORANGE), FL, within 5 km, centered around NL 28-23-09; WL 81-05-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
33000-36000 MHz	MO	30M0Q1N	10 MW (ERP)	

MOBILE: Orlando (ORANGE), FL, within 15 km, centered around NL 28-26-45; WL 81-27-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200.5-2299.5 MHz	MO	22M8F1D 15M6G1D	5 W (ERP)	
33000-36000 MHz	MO	30M0Q1N	10 MW (ERP)	

MOBILE: Redstone Arsenal (MADISON), AL, within 5 km, centered around NL 34-40-12; WL 86-41-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200.5-2299.5 MHz	MO	22M8F1D 15M6G1D	5 W (ERP)	
33000-36000 MHz	MO	30M0Q1N	10 MW (ERP)	

MOBILE: Orlando (ORANGE), FL, within 5 km, centered around NL 28-32-50; WL 81-20-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200.5-2299.5 MHz	MO	22M8F1D	5 W (ERP)	

Frequency Information

MOBILE: Orlando (ORANGE), FL, within 5 km, centered around NL 28-32-50; WL 81-20-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200.5-2299.5 MHz	MO	15M6G1D	5 W (ERP)	
33000-36000 MHz	MO	30M0Q1N	10 MW (ERP)	

MOBILE: Grand Prairie (DALLAS), TX, within 10 km, centered around NL 32-43-03; WL 97-01-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200.5-2299.5 MHz	MO	22M8F1D 15M6G1D	5 W (ERP)	
33000-36000 MHz	MO	30M0Q1N	10 MW (ERP)	

MOBILE: Goodyear (MARICOPA), AZ, within 300 km, centered around NL 33-25-48; WL 112-21-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200.5-2299.5 MHz	MO	22M8F1D 15M6G1D	5 W (ERP)	
33000-36000 MHz	MO	30M0Q1N	10 MW (ERP)	

Frequency Information

MOBILE: Fort Walton Beach (OKALOOSA), FL, within 100 km, centered around NL 30-36-34; WL 86-32-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200.5-2299.5 MHz	MO	22M8F1D 15M6G1D	5 W (ERP)	
33000-36000 MHz	MO	30M0Q1N	10 MW (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Lockheed Martin Corporation must coordinate with the DoD Eastern Area Frequency Coordinator, Mr. Scott Connolley, (321) 494-5838 and with the DoD Gulf Area Frequency Coordinator, Mr. Ronald Higdon (850)-883-5982.
- (5) Stop Buzzer POC are John Martin at (407) 463-8637 , and Martin Mattox at (407) 356-2248