

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WF2XXK

(Call Sign)

0355-EX-RR-2015

(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: West Palm Beach, FL, within 37 km, centered around NL 26-46-38; WL 80-03-09
- (2) MOBILE: West Palm Beach, FL, within 81 km, centered around NL 26-46-38; WL 80-03-09

Frequency Information

MOBILE: West Palm Beach, FL, within 37 km, centered around NL 26-46-38; WL 80-03-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1764 MHz	MO	16M0G1D	2.5 kW (ERP)	
1772 MHz	MO	16M0G1D	2.5 kW (ERP)	
1780 MHz	MO	16M0G1D	2.5 kW (ERP)	

This authorization effective November 01, 2015 and
will expire 3:00 A.M. EST November 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: West Palm Beach, FL, within 37 km, centered around NL 26-46-38; WL 80-03-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1788 MHz	MO	16M0G1D	2.5 kW (ERP)	
1789 MHz	FX	16M0G1D	2.5 kW (ERP)	
1796 MHz	MO	16M0G1D	2.5 kW (ERP)	
1804 MHz	MO	16M0G1D	2.5 kW (ERP)	
1809 MHz	MO	16M0G1D	2.5 kW (ERP)	
1812 MHz	MO	16M0G1D	2.5 kW (ERP)	
1820 MHz	MO	16M0G1D	2.5 kW (ERP)	
1828 MHz	MO	16M0G1D	2.5 kW (ERP)	
1836 MHz	MO	16M0G1D	2.5 kW (ERP)	
2212 MHz	MO	19M4W7D	500 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2217 MHz	MO	19M4W7D	500 W (ERP)	
2222 MHz	MO	19M4W7D	500 W (ERP)	
2227 MHz	MO	19M4W7D	500 W (ERP)	
2232 MHz	MO	19M4W7D	500 W (ERP)	
2237 MHz	MO	19M4W7D	500 W (ERP)	
2242 MHz	MO	19M4W7D	500 W (ERP)	
2247 MHz	MO	19M4W7D	500 W (ERP)	
2252 MHz	MO	19M4W7D	500 W (ERP)	
2257 MHz	MO	19M4W7D	500 W (ERP)	
2262 MHz	MO	19M4W7D	500 W (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2267 MHz	MO	19M4W7D	500 W (ERP)	
2272 MHz	MO	19M4W7D	500 W (ERP)	
2277 MHz	MO	19M4W7D	500 W (ERP)	
2282 MHz	MO	19M4W7D	500 W (ERP)	
2287 MHz	MO	19M4W7D	500 W (ERP)	
2292 MHz	MO	19M4W7D	500 W (ERP)	
2297 MHz	MO	19M4W7D	500 W (ERP)	

MOBILE: West Palm Beach, FL, within 81 km, centered around NL 26-46-38; WL 80-03-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-32.5 MHz	MO	25K0F1D 25K0G1D	80 W (ERP)	
32.5-37.5 MHz	MO	25K0G1D	80 W (ERP)	

Frequency Information

MOBILE: West Palm Beach, FL, within 81 km, centered around NL 26-46-38; WL 80-03-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
32.5-37.5 MHz	MO	25K0F1D	80 W (ERP)	
37.5-40 MHz	MO	25K0G1D 25K0F1D	80 W (ERP)	

Special Conditions:

- (1) 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.
- (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) 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 numbers: N00024-10-G-6306, N00024-C-10-6266, and 223192/DO HR18. 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.
- (5) The designated point-of-contact to terminate transmissions if interference occurs is Dane Terrill at (561) 319-1582.
- (6) Operation must be prior coordinated with AWS licensees in frequencies: 1764 MHz, 1772 MHz, 1780 MHz and 1788 MHz.