

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WF2XXK

(Call Sign)

0406-EX-PL-2011

(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(b) of the Commission's Rules

Station Locations

(1) West Palm Beach (PALM BEACH), FL - NL 26-46-38; WL 80-03-09

Frequency Information

West Palm Beach (PALM BEACH), FL - NL 26-46-38; WL 80-03-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-32.5 MHz	FX	25K0G1D 25K0F1D	80 W (ERP)	
32.5-37.5 MHz	FX	25K0G1D 25K0F1D	80 W (ERP)	
37.5-40 MHz	FX	25K0G1D 25K0F1D	80 W (ERP)	

This authorization effective October 17, 2011 and
will expire 3:00 A.M. EST November 01, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

West Palm Beach (PALM BEACH), FL - NL 26-46-38; WL 80-03-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1764 MHz	FX	16M0G1D	2.5 kW (ERP)	
1772 MHz	FX	16M0G1D	2.5 kW (ERP)	
1780 MHz	FX	16M0G1D	2.5 kW (ERP)	
1788 MHz	FX	16M0G1D	2.5 kW (ERP)	
1789 MHz	FX	16M0G1D	2.5 kW (ERP)	
1796 MHz	FX	16M0G1D	2.5 kW (ERP)	
1804 MHz	FX	16M0G1D	2.5 kW (ERP)	
1809 MHz	FX	16M0G1D	2.5 kW (ERP)	
1812 MHz	FX	16M0G1D	2.5 kW (ERP)	
1820 MHz	FX	16M0G1D	2.5 kW (ERP)	

Frequency Information

West Palm Beach (PALM BEACH), FL - NL 26-46-38; WL 80-03-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1828 MHz	FX	16M0G1D	2.5 kW (ERP)	
1836 MHz	FX	16M0G1D	2.5 kW (ERP)	
2212 MHz	FX	19M4W7D	500 W (ERP)	
2217 MHz	FX	19M4W7D	500 W (ERP)	
2222 MHz	FX	19M4W7D	500 W (ERP)	
2227 MHz	FX	19M4W7D	500 W (ERP)	
2232 MHz	FX	19M4W7D	500 W (ERP)	
2237 MHz	FX	19M4W7D	500 W (ERP)	
2242 MHz	FX	19M4W7D	500 W (ERP)	
2247 MHz	FX	19M4W7D	500 W (ERP)	

Frequency Information

West Palm Beach (PALM BEACH), FL - NL 26-46-38; WL 80-03-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2252 MHz	FX	19M4W7D	500 W (ERP)	
2257 MHz	FX	19M4W7D	500 W (ERP)	
2262 MHz	FX	19M4W7D	500 W (ERP)	
2267 MHz	FX	19M4W7D	500 W (ERP)	
2272 MHz	FX	19M4W7D	500 W (ERP)	
2277 MHz	FX	19M4W7D	500 W (ERP)	
2282 MHz	FX	19M4W7D	500 W (ERP)	
2287 MHz	FX	19M4W7D	500 W (ERP)	
2292 MHz	FX	19M4W7D	500 W (ERP)	
2297 MHz	FX	19M4W7D	500 W (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) 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) No operation is permitted in 1708 MHz due to anticipated interferences.