

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WF2XXC

(Call Sign)

0405-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) Bithlo (ORANGE), FL - NL 28-22-39; WL 81-04-56

Frequency Information

Bithlo (ORANGE), FL - NL 28-22-39; WL 81-04-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
12000-12200 MHz	FX	116MP0N	12.9 MW (ERP)	
12200-12750 MHz	FX	116MP0N	13.5 MW (ERP)	
12750-13250 MHz	FX	116MP0N	13.5 MW (ERP)	
13250-13400 MHz	FX	116MP0N	12.56 MW (ERP)	

This authorization effective November 14, 2011 and
will expire 3:00 A.M. EST November 01, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Bithlo (ORANGE), FL - NL 28-22-39; WL 81-04-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13400-13750 MHz	FX	116MP0N	11.7 MW (ERP)	
13750-14000 MHz	FX	116MP0N	12.85 MW (ERP)	
14000-14200 MHz	FX	116MP0N	11.89 MW (ERP)	
14200-14400 MHz	FX	116MP0N	12.58 MW (ERP)	
14405.686275 MHz	FX	116MP0N	12.47 MW (ERP)	
14415.686275 MHz	FX	116MP0N	12.47 MW (ERP)	
14425.19685 MHz	FX	116MP0N	12.47 MW (ERP)	
14431.372549 MHz	FX	116MP0N	12.47 MW (ERP)	
14447.058824 MHz	FX	116MP0N	12.47 MW (ERP)	
14456.692913 MHz	FX	116MP0N	12.47 MW (ERP)	

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14462.745098 MHz	FX	116MP0N	12.47 MW (ERP)	
14478.431373 MHz	FX	12M5P0N	12.54 MW (ERP)	
14488.188976 MHz	FX	116MP0N	12.54 MW (ERP)	
14494.117647 MHz	FX	116MP0N	12.54 MW (ERP)	
14500-14714.5 MHz	FX	116MP0N	12.54 MW (ERP)	
14729.411765 MHz	FX	116MP0N	12.17 MW (ERP)	
14740.15748 MHz	FX	116MP0N	12.17 MW (ERP)	
14745.098039 MHz	FX	116MP0N	12.17 MW (ERP)	
14760.784314 MHz	FX	116MP0N	12.17 MW (ERP)	
14771.653543 MHz	FX	116MP0N	12.17 MW (ERP)	

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14776.470588 MHz	FX	116MP0N	12.17 MW (ERP)	
14792.156863 MHz	FX	116MP0N	12.17 MW (ERP)	
14800-15136.5 MHz	FX	116MP0N	11.47 MW (ERP)	
15136.5-15350 MHz	FX	116MP0N	11.39 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) 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 number FA8682-10-C-0016. 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) In accordance with footnote US246, no station shall be authorized to transmit in the band 15.35-15.4 GHz.