

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WG2XJV

(Call Sign)

0471-EX-PL-2012

(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) Courtland (LAWRENCE), AL - NL 32-39-18; WL 87-19-10

Frequency Information

Courtland (LAWRENCE), AL - NL 32-39-18; WL 87-19-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1438.5 MHz	FX	1M90F1D 4M00F1D 4M60F1D 11M6F1D	0.631 W (ERP)	
1445.5 MHz	FX	1M90F1D 4M00F1D 4M60F1D 11M6F1D	0.631 W (ERP)	
1454.5 MHz	FX	1M90F1D 4M00F1D	0.631 W (ERP)	

This authorization effective October 22, 2012 and
will expire 3:00 A.M. EST September 20, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Courtland (LAWRENCE), AL - NL 32-39-18; WL 87-19-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1454.5 MHz	FX	4M60F1D 11M6F1D	0.631 W (ERP)	
1470.5 MHz	FX	1M90F1D 4M00F1D 4M60F1D 11M6F1D	0.631 W (ERP)	
1492.5 MHz	FX	1M90F1D 4M00F1D 4M60F1D 11M6F1D	0.631 W (ERP)	
1507.5 MHz	FX	1M90F1D 4M00F1D 4M60F1D 11M6F1D	0.631 W (ERP)	
1514.5 MHz	FX	1M90F1D 4M00F1D 4M60F1D 11M6F1D	0.631 W (ERP)	
1523.5 MHz	FX	1M90F1D 4M00F1D 4M60F1D 11M6F1D	0.631 W (ERP)	

Frequency Information

Courtland (LAWRENCE), AL - NL 32-39-18; WL 87-19-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2221.5 MHz	FX	11M6F1D 14M4F1D	5 W (ERP)	
2380.5 MHz	FX	11M6F1D 14M4F1D	5 W (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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 HQ0006-04-D-0006. 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.
- (3) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to its authorization with the Gulf AFB, Elgin 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 AFB, Elgin AFB, Florida, as necessary to ensure compatibility with existing uses.