

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WF2XVH

(Call Sign)

0296-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) MOBILE: Gaithersburg, MD, within 2 km, centered around NL 39-09-12; WL 77-13-00
- (2) MOBILE: San Diego, CA, within 2 km, centered around NL 32-54-37; WL 117-06-08

Frequency Information

MOBILE: Gaithersburg, MD, within 2 km, centered around NL 39-09-12; WL 77-13-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.2 MHz	MO	1M20G1D	40 W (ERP)	
403.5 MHz	MO	1M20G1D	40 W (ERP)	
1360 MHz	MO	10M0G1D 5M00G1D 3M00G1D 1M20G1D	80 W (ERP)	

This authorization effective January 30, 2012 and
will expire 3:00 A.M. EST September 01, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Gaithersburg, MD, within 2 km, centered around NL 39-09-12; WL 77-13-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1378 MHz	MO	10M0G1D 5M00G1D 3M00G1D 1M20G1D	80 W (ERP)	
1840 MHz	MO	10M0G1D 5M00G1D 3M00G1D 1M20G1D	80 W (ERP)	

MOBILE: San Diego, CA, within 2 km, centered around NL 32-54-37; WL 117-06-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
401.2 MHz	MO	1M20G1D	40 W (ERP)	
403.5 MHz	MO	1M20G1D	40 W (ERP)	
1378 MHz	MO	10M0G1D 1M20G1D 3M00G1D 5M00G1D	80 W (ERP)	
1385 MHz	MO	10M0G1D 1M20G1D 3M00G1D	80 W (ERP)	

Frequency Information

MOBILE: San Diego, CA, within 2 km, centered around NL 32-54-37; WL 117-06-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1385 MHz	MO	5M00G1D	80 W (ERP)	
1840 MHz	MO	10M0G1D	80 W (ERP)	
		1M20G1D		
		3M00G1D		
		5M00G1D		

Special Conditions:

- (1) Assignment in frequency bands 960-1400, 2700-2900, or 9000-9200 MHz was coordinated prior to authorization with the FAA Western Coordinator, Los Angeles, CA. Use of frequencies under the authority of this assignment is subject to such further coordination with the FAA Western Coordinator, Los Angeles, CA, as necessary to ensure compatibility with existing uses.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) 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.
- (5) Assignment on 1030 MHz or in one of the bands 1215-1400, 2700-2900, or 9000-9200 MHz was coordinated prior to authorization with the FAA Eastern Coordinator, New York, NY. Use of frequencies under the authority of this assignment is subject to such further coordination with the FAA Eastern Coordinator, New York, NY, as necessary to ensure compatibility with existing uses.
- (6) 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 FA8726-08-C-008. 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.