

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

EXPERIMENTAL

(Nature of Service)

WF2XVJ

(Call Sign)

XD FX MO

(Class of Station)

0308-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(i) of the Commission's Rules

Station Locations

- (1) Syracuse (ONONDAGA), NY - NL 43-06-43; WL 76-11-18; MOBILE: Syracuse, NY, within 1 km, centered around NL 43-06-43; WL 76-11-18

Frequency Information

Syracuse (ONONDAGA), NY - NL 43-06-43; WL 76-11-18; MOBILE: Syracuse, NY, within 1 km, centered around NL 43-06-4

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1250 MHz	MO	1M99P0N	115 kW (ERP)	
1260 MHz	MO	1M99P0N	115 kW (ERP)	
1270 MHz	MO	1M99P0N	115 kW (ERP)	
1280 MHz	MO	1M99P0N	115 kW (ERP)	

This authorization effective September 19, 2011 and
will expire 3:00 A.M. EST October 01, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Syracuse (ONONDAGA), NY - NL 43-06-43; WL 76-11-18; MOBILE: Syracuse, NY, within 1 km, centered around NL 43-06-4

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1290 MHz	MO	1M99P0N	115 kW (ERP)	
1340 MHz	MO	1M99P0N	115 kW (ERP)	
1360 MHz	MO	1M99P0N	115 kW (ERP)	
1390 MHz	MO	1M99P0N	115 kW (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) 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.
- (5) Operations will be in accordance with the following restrictions:
 - a) PRR = 1400 pps
 - b) Pulse Duration = 2 usec
 - c) Radius of operation = 1 kilometer
 - d) Transmission is permitted in 30-60 degrees reference to true north. Blanking is required in all other directions.
 - e) No IFF operation associated with the radar.