

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WF2XCP

(Call Sign)

0287-EX-PL-2009

(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(d, f, i) of the Commission's Rules

Station Locations

- (1) Syracuse (ONONDAGA), NY - NL 43-06-35; WL 76-11-48
- (2) Syracuse (ONONDAGA), NY - NL 43-06-47; WL 75-11-29

Frequency Information

Syracuse (ONONDAGA), NY - NL 43-06-35; WL 76-11-48

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2800 MHz	FX	200MW0N	70 mW (ERP)	

Syracuse (ONONDAGA), NY - NL 43-06-47; WL 75-11-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2800 MHz	FX	200MW0N	50 mW (ERP)	

This authorization effective October 26, 2009 and
will expire 3:00 A.M. EST October 01, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) 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.
- (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) For the Syracuse, NY location NL 43-06-35; WL 76-11-48, operations on 2800 MHz will be in accordance with the following: PRR = 888 pps, pulse duration = 10.26/100 us.
- (6) For the Syracuse, NY location NL 43-06-47; WL 76-11-29, operations on 2800 MHz will be in accordance with the following: PRR = 888 pps, pulse duration = 10.26/100 us.
- (7) For the Syracuse, NY location NL 43-06-35; WL 76-11-48, azimuth pointing direction must be +74 degrees referenced to true north.
- (8) For the Syracuse, NY location NL 43-06-47; WL 76-11-29, azimuth pointing direction must be +197 degrees referenced to true north.
- (9) The transmit time is LIMITED midnight to 0400 hours.
- (10) The vertical pointing direction must be 5 degrees downward from the horizontal plane.