

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

EXPERIMENTAL

(Nature of Service)

WH2XFI

(Call Sign)

XD FX MO

(Class of Station)

0164-EX-ML-2014

(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(j) 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
- (2) South Syracuse (ONONDAGA), NY - NL 42-55-37; WL 75-55-27; MOBILE: South Syracuse, NY, within 1 km
- (3) Syracuse (ONONDAGA), NY - NL 43-06-43; WL 76-11-18; MOBILE: Syracuse [ONONDAGA], 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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1215-1400 MHz	FX	10M0Q3N	83.1 MW (ERP)	
1215-1400 MHz	MO	10M0Q3N	83.1 MW (ERP)	

This authorization effective December 11, 2014 and
will expire 3:00 A.M. EST May 30, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

South Syracuse (ONONDAGA), NY - NL 42-55-37; WL 75-55-27; MOBILE: South Syracuse, NY, within 1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1215-1252 MHz	FX	10M0Q3N	83.1 MW (ERP)	
1215-1252 MHz	MO	10M0Q3N	83.1 MW (ERP)	
1268-1315 MHz	FX	10M0Q3N	83.1 MW (ERP)	
1268-1315 MHz	MO	10M0Q3N	83.1 MW (ERP)	
1325-1335 MHz	FX	10M0Q3N	83.1 MW (ERP)	
1325-1335 MHz	MO	10M0Q3N	83.1 MW (ERP)	
1352-1400 MHz	FX	10M0Q3N	83.1 MW (ERP)	
1352-1400 MHz	MO	10M0Q3N	83.1 MW (ERP)	

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1261-1289 MHz	FX	10M0Q3N	83.1 MW (ERP)	

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1261-1289 MHz	MO	10M0Q3N	83.1 MW (ERP)	
1353-1392 MHz	FX	10M0Q3N	83.1 MW (ERP)	
1353-1392 MHz	MO	10M0Q3N	83.1 MW (ERP)	

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) 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (5) For the Syracuse location NL 43-06-43; WL 76-11-18 , and frequency band 1215-1400 MHz, TRANSMISSIONS ARE BLANKED BETWEEN 211-114 DEGREES AND 171-194 DEGREES REFERENCED TO TRUE NORTH.
PRR=500-10000 pps
PD=2.0 usec

For the Syracuse location NL 43-06-43; WL 76-11-18 , and frequency band 1261-1289 MHz, TRANSMISSIONS ARE BLANKED BETWEEN 51-19 DEGREES REFERENCED TO TRUE NORTH.
PRR=1-1000 pps
PD=2.0 usec

For the Syracuse location NL 43-06-43; WL 76-11-18 , and frequency band 1353-1392 MHz, TRANSMISSIONS ARE BLANKED BETWEEN 211-114 DEGREES AND 171-194 DEGREES REFERENCED TO TRUE NORTH.
PRR=1-1000 pps
PD=2.0 usec

Special Conditions:

- (6) For the South Syracuse location NL 42-55-37; WL 75-55-27, and frequency band 1215-1252 MHz, TRANSMISSIONS ARE BLANKED BETWEEN 170-010 DEGREES REFERENCED TO TRUE NORTH.
PRR=500-10000 pps
PD=2.0 usec

For the South Syracuse location NL 42-55-37; WL 75-55-27, and frequency band 1268-1315 MHz, TRANSMISSIONS ARE BLANKED BETWEEN 171-09 DEGREES REFERENCED TO TRUE NORTH.
PRR=500-10000 pps
PD=2.0 usec

For the South Syracuse location NL 42-55-37; WL 75-55-27, and frequency band 1325-1335 MHz, TRANSMISSIONS ARE BLANKED BETWEEN 171-09 DEGREES REFERENCED TO TRUE NORTH.
PRR=500-10000 pps
PD=2.0 usec

For the South Syracuse location NL 42-55-37; WL 75-55-27, and frequency band 1352-1400 MHz, TRANSMISSIONS ARE BLANKED BETWEEN 10-170 DEGREES REFERENCED TO TRUE NORTH.
PRR=500-10000 pps
PD=2.0 usec