

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WE2XYZ

(Call Sign)

0113-EX-ML-2010

(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
- (2) East Syracuse (ONONDAGA), NY - NL 43-05-20; WL 76-05-53; MOBILE: East Syracuse, NY, within 1 km, centered around NL 43-05-20; WL 76-05-53
- (3) South Syracuse (ONONDAGA), NY - NL 42-55-37; WL 75-55-27; MOBILE: South Syracuse, NY, within 1 km, centered around NL 42-55-37; WL 75-55-27
- (4) 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, centered around NL 43-06-4

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 October 22, 2010 and
will expire 3:00 A.M. EST April 01, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

East Syracuse (ONONDAGA), NY - NL 43-05-20; WL 76-05-53; MOBILE: East Syracuse, NY, within 1 km, centered around 1

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)	

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

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)	
1330 MHz	MO	10M0Q3N	83.1 MW (ERP)	
1352-1400 MHz	FX	10M0Q3N	83.1 MW (ERP)	

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
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	130.61 kW (ERP)	
1261-1289 MHz	MO	10M0Q3N	130.61 kW (ERP)	
1353-1392 MHz	FX	10M0Q3N	130.61 kW (ERP)	
1353-1392 MHz	MO	10M0Q3N	130.61 kW (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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.

Special Conditions:

- (4) For the Syracuse location NL 43-06-43; WL 76-11-18, TRANSMISSIONS ARE LIMITED TO THE DIRECTION OF 115-170 DEGREES AND 195-210 DEGREES REFERENCED TO TRUE NORTH.

For the East Syracuse location NL 43-05-20; WL 76-05-53, TRANSMISSIONS ARE LIMITED TO THE DIRECTION OF 115-170 DEGREES AND 195-210 DEGREES REFERENCED TO TRUE NORTH.

For the South Syracuse location NL 42-55-37; WL 75-55-27, TRANSMISSIONS ARE LIMITED TO THE DIRECTION OF 80-170 DEGREES REFERENCED TO TRUE NORTH.

- (5) Operation is limited to pulse duration of 25-2000 microseconds and pulse repetition rate of 500-10000 PPS.