

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WE2XIQ

(Call Sign)

0101-EX-ML-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(b) of the Commission's Rules

Station Locations

- (1) MOBILE: Temporary Fixed Operations 1KMRA Latitude 43°06'43"N., Longitude 076°11'18"W., within 1 km, centered around NL 43-06-43; WL 76-11-18
- (2) MOBILE: Temporary Fixed operations in 1 KMRA of latitude 43°05'23"N., Longitude 076°05'53"W., within 1 km, centered around NL 43-05-23; WL 76-05-53
- (3) MOBILE: Temporary fixed operations 1KMRA of Latitude 42°55'37"N., 075°55'27"W., within 1 km, centered around NL 42-55-37; WL 75-55-27

Frequency Information

MOBILE: Temporary Fixed Operations 1KMRA Latitude 43°06'43"N., Longitude 076°11'18"W., within 1 km, centered around NL 43-06-43; WL 76-11-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3100-3500 MHz	MO	N0N	4 W (ERP)	
3100-3500 MHz	MO	400MW0N	4 kW (ERP)	
3100-3500 MHz	MO	10M0Q3N	172 MW (ERP)	

This authorization effective November 12, 2009 and
will expire 3:00 A.M. EST October 01, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Temporary Fixed operations in 1 KMRA of latitude 43°05'23"N., Longitude 076°05'53"W., within 1 km, centered around NL 43-05-23; WL 76-05-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3100-3500 MHz	MO	N0N	4 W (ERP)	
3100-3500 MHz	MO	400MW0N	4 kW (ERP)	
3100-3500 MHz	MO	10M0Q3N	172 MW (ERP)	

MOBILE: Temporary fixed operations 1KMRA of Latitude 42°55'37"N., 075°55'27"W., within 1 km, centered around NL 42-55-37; WL 75-55-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3100-3500 MHz	MO	N0N	4 W (ERP)	
3100-3500 MHz	MO	400MW0N	4 kW (ERP)	
3100-3500 MHz	MO	10M0Q3N	172 MW (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by U.S. Army contract number W15P7T-06-C-T004. 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.