

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

EXPERIMENTAL

(Nature of Service)

XC MO

(Class of Station)

WD2XJI

(Call Sign)

0094-EX-ML-2005

(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: Fort Worth, TX, at an altitude of 0 to 50000 feet MSL, within 250 km, centered around NL 32-47-59; WL 97-24-00
- (2) MOBILE: Holloman AFB, NM, at an altitude of 0 to 50000 feet MSL, within 250 km, centered around NL 32-47-59; WL 106-05-00

Frequency Information

MOBILE: Fort Worth, TX, at an altitude of 0 to 50000 feet MSL, within 250 km, centered around NL 32-47-59; WL 97-24-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1450 MHz	MO	1M50F7D	1.23 kW (ERP)	
1515 MHz	MO	1M50F7D	1.23 kW (ERP)	

This authorization effective September 02, 2005 and
will expire 3:00 A.M. EST March 01, 2008

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Holloman AFB, NM, at an altitude of 0 to 50000 feet MSL, within 250 km, centered around NL 32-47-59; WL 106-05-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1450 MHz	MO	1M50F7D	1.23 kW (ERP)	
1515 MHz	MO	1M50F7D	1.23 kW (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 the US Department of State contract DP-A33994P6631. 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.
- (4) This frequency assignment on 1450 MHz and 1515 MHz was coordinated prior to authorization with the Area Frequency Coordinator, WSMR, New Mexico, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with the AFC, WSMR, New Mexico, as necessary to ensure compatibility with the existing uses.
- (5) This frequency assignment on 1450 MHz and 1515 MHz was coordinated prior to its authorization with AFMO CONUS, Ft. Sam Houston, Texas, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with AFMO CONUS, Ft. Sam Houston, Texas, as necessary to ensure compatibility with existing uses.
- (6) All ground and airborne emissions in the 1435-1525 MHz band west of 102 degrees and in the area of Holloman AFB, NM, must be coordinated one day or more in advance with the White Sands DOD Area Frequency Coordinator (phone 505-678-5417) to avoid conflicts with White Sands Missile Range and other New Mexico and West Texas DOD operations using this band.
- (7) The Lockheed Martin Corporation should be aware that an Air Force assignment on 1450.5 MHz is at Fort Worth, TX, and if any interference occurs, this authorization will be subject to immediate shut down.