

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WF2XTM

(Call Sign)

0179-EX-PL-2011

(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) MOBILE: Fort Worth, TX, within 400 km, centered around NL 32-46-47; WL 97-26-52

Frequency Information

MOBILE: Fort Worth, TX, within 400 km, centered around NL 32-46-47; WL 97-26-52

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1435-1525 MHz | MO            |                     | 20 W (ERP)       |                           |
|               |               | 2M40F9D             |                  |                           |
|               |               | 4M80F9D             |                  |                           |
|               |               | 7M20F9D             |                  |                           |
|               |               | 9M60F9D             |                  |                           |
|               |               | 12M0F9D             |                  |                           |
|               |               | 16M8F9D             |                  |                           |
|               |               | 1M30F9D             |                  |                           |
|               |               | 2M60F9D             |                  |                           |
|               |               | 5M20F9D             |                  |                           |
|               |               | 7M80F9D             |                  |                           |
|               |               | 10M4F9D             |                  |                           |
|               |               | 13M0F9D             |                  |                           |

This authorization effective May 12, 2011 and  
will expire 3:00 A.M. EST May 01, 2013

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**Special Conditions:**

- (1) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to its authorization with AFMO CONUS, Ft. Sam Houston, TX, 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, TX, 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.