

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

EXPERIMENTAL

(Nature of Service)

XD      FX MO

(Class of Station)

WI2XSF

(Call Sign)

0047-EX-CN-2017

(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) Moorestown (BURLINGTON), NJ - NL 39-58-34; WL 74-55-00; MOBILE: Moorestown, NJ, within 10 km, centered around NL 39-58-34; WL 74-55-00

Frequency Information

Moorestown (BURLINGTON), NJ - NL 39-58-34; WL 74-55-00; MOBILE: Moorestown, NJ, within 10 km, centered around NL

| Frequency       | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-----------------|---------------|---------------------|------------------|---------------------------|
| 2300-2310 MHz   | FX            | 10M0D7W             | 19.5 W (ERP)     |                           |
| 2300-2310 MHz   | MO            | 20M0D7W             | 19.5 W (ERP)     |                           |
| 2395-2483.5 MHz | FX            | 20M0D7W             | 19.5 W (ERP)     |                           |
| 2395-2483.5 MHz | MO            | 20M0D7W             | 19.5 W (ERP)     |                           |

This authorization effective April 07, 2017 and  
will expire 3:00 A.M. EST April 01, 2019

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**Special Conditions:**

- (1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at [http://freq.sbe.org/pdf\\_files/coordinators.pdf](http://freq.sbe.org/pdf_files/coordinators.pdf) to find the appropriate coordinator.
- (2) 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.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (5) Operation is subject to consent of the WCS "A" Block licensees (2305-2310 MHz/2350-2355 MHz) within 50 miles of the test area.