

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

EXPERIMENTAL

(Nature of Service)

XD FX

(Class of Station)

WJ2XCB

(Call Sign)

0715-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 39-58-48; WL 74-54-33

Frequency Information

Moorestown (BURLINGTON), NJ - NL 39-58-48; WL 74-54-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3650 MHz	FX	10M0M1D	19.28 kW (ERP)	
3700-3800 MHz	FX	10M0M1D	19.28 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) 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.
- (4) Coordinate with the Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d) prior to operation in the proposed frequency band.

This authorization effective October 18, 2017 and
will expire 3:00 A.M. EST November 01, 2019

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COMMISSION**



Special Conditions:

- (5) Licensee must ensure that the operation will not cause harmful interference to any existing registered stations in the 3700-4200 MHz band, and notify the registered users in the proposed areas.
- (6) Prior to operation, experimental licensee, must notify licensees of FSS earth stations operating the 3700-4200 MHz within 20 kilometer radius of the locations from which experimental operations will occur. Experimental licensee, must also provide such notification to the National Spectrum Managers Association frequency coordinators by email. (see http://wireless.fcc.gov/services/index.htm?job=licensing_1&id=microwave). The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna pattern, antenna height(s), antenna orientation, eirp density) and day and times of each test. Consult the IBFS database to identify licensed earth station in the band 3700-4200 MHz band.
- (7) Operations overlapping the 3700-4200 MHz, the emission bandwidth must be 2 GHz wide or the experimental stations power flux-density (pfd) at FSS earth stations must not exceed -154.5 dB (W/(m² · 4 kHz)).
- (8) No automatic renewal for operations in the 3700-3800 MHz band of this authorization.
- (9) Operation is not permitted in 3650-3700 MHz band.