

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WF2XXZ

(Call Sign)

0549-EX-CR-2019

(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(c) of the Commission's Rules

Station Locations

(1) Bithlo (ORANGE), FL - NL 28-22-38; WL 81-04-56

Frequency Information

Bithlo (ORANGE), FL - NL 28-22-38; WL 81-04-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4000-4200 MHz	FX	116MP0N	1.36 MW (ERP)	
5925-6425 MHz	FX	116MP0N	3.68 MW (ERP)	
6425.19685 MHz	FX	116MP0N	3.31 MW (ERP)	
6431.372549 MHz	FX	116MP0N	3.35 MW (ERP)	

This authorization effective November 01, 2019 and
will expire 3:00 A.M. EST November 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Bithlo (ORANGE), FL - NL 28-22-38; WL 81-04-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6447.058824 MHz	FX	116MP0N	3.39 MW (ERP)	
6456.692913 MHz	FX	116MP0N	3.39 MW (ERP)	
6462.745098 MHz	FX	116MP0N	3.3 MW (ERP)	
6478.431373 MHz	FX	116MP0N	3.21 MW (ERP)	
6488.188976 MHz	FX	116MP0N	3.13 MW (ERP)	
6494.117647 MHz	FX	116MP0N	3.05 MW (ERP)	
6509.803922 MHz	FX	116MP0N	3.02 MW (ERP)	
6519.685039 MHz	FX	116MP0N	2.99 MW (ERP)	
6525-6700 MHz	FX	116MP0N	2.99 MW (ERP)	
6700-7078 MHz	FX	116MP0N	3.47 MW (ERP)	

Special Conditions:

- (1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at https://www.sbe.org/sections/freq_local.php to find the appropriate coordinator.
- (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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) Coordinate with the existing and future Fixed Microwave Service licensees prior to operation in 4000-4200 MHz, 5925-6425 MHz and 6425-6875 MHz in accordance with 47 CFR, Part 101.103(d).
- (6) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract numbers: FA8682-10-C-0016 and HR0011-09-C-0096.. 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.
- (7) In accordance with the FCC CFR 47, Part 25, licensee is required to prior coordinate operations with affected existing and future licensees in the area to avoid interference.
- (8) In accordance with the Table of Frequency Allocation footnote US 261, operation in the band 4200-4400 MHz is not permitted.