

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

EXPERIMENTAL
(Nature of Service)

XC FX MO
(Class of Station)

KK2XCJ
(Call Sign)

0140-EX-CR-2021
(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

ANY INFORMATION NOT CONTAINED IN THIS LICENSE
MAY BE CLASSIFIED

Station Locations

- (1) Moorestown (BURLINGTON), NJ - NL 39-59-16; WL 74-54-32
- (2) Moorestown (BURLINGTON), NJ - NL 39-58-40; WL 74-54-56
- (3) MOBILE: Moorestown, NJ, within 1 km, centered around NL 39-58-48; WL 74-54-33
- (4) Moorestown (BURLINGTON), NJ - NL 39-58-48; WL 74-54-33

Frequency Information

Moorestown (BURLINGTON), NJ - NL 39-59-16; WL 74-54-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3000-3900 MHz	FX	86M0V1D	24.8 GW (ERP)	
10000-10500 MHz	FX	1M00F1D	115 MW (ERP)	

This authorization effective March 01, 2021 and
will expire 3:00 A.M. EST April 01, 2024

FEDERAL
COMMUNICATIONS
COMMISSION



Frequency Information

Moorestown (BURLINGTON), NJ - NL 39-58-40; WL 74-54-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10000-10500 MHz	FX	1M00F1D	115 MW (ERP)	

MOBILE: Moorestown, NJ, within 1 km, centered around NL 39-58-48; WL 74-54-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3000-3900 MHz	MO	86M0V1D	56.3 GW (ERP)	
3000-3550 MHz	MO	86M0V1D	56.3 GW (ERP)	
10200-10500 MHz	MO	1M00F1D	115 MW (ERP)	

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
-----------	---------------	---------------------	------------------	---------------------------

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.

Special Conditions:

- (4) 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: N00024-14-C-5114, FA8709-14-C-0001, HQ0147-16-C-0011, HQ0851-21-C-0001, and N00024-16-C-5103. 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.
- (5) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.
- (6) Lockheed Martin Corporation must coordinate its operations in the 3000-3900 MHz band with one or more authorized Spectrum Access System (SAS) administrators to obtain channel assignments and avoid causing harmful interference to authorized users of the band, including General Authorized Access (GAA) users.