

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WQ9XKH

(Call Sign)

0627-EX-ST-2020

(File Number)

NAME Lockheed Martin Corporation

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Applicant seeks authority to conduct a series of INDOOR-ONLY testing within its labs to validate the performance of an internal research and development technology.

Station Locations

- (1) Grand Prairie (TARRANT), TX - NL 32-43-03; WL 97-01-42
- (2) Orlando (ORANGE), FL - NL 28-26-40; WL 81-27-31

Frequency Information

Grand Prairie (TARRANT), TX - NL 32-43-03; WL 97-01-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2400-2690 MHz	FX	43M0P0N	1 W (ERP)	
2900-4000 MHz	FX	43M0P0N	1 W (ERP)	

This authorization effective June 01, 2020 and
will expire 3:00 A.M. EST October 02, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Orlando (ORANGE), FL - NL 28-26-40; WL 81-27-31

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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) 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) Operation is not permitted in 2690-2700 MHz band.
- (4) Consult the ULS database to ensure that the operation will not cause harmful interference to any existing registered stations in the 3650-3700 MHz band, and notify the registered users in the proposed geographic areas prior to operation in this band.
- (5) Coordinate with the local Society of Broadcast Engineers frequency coordinator and the affected Fixed Microwave Service licensee prior to operation in 2450-2500 MHz band.
- (6) Coordinate with affected Fixed Microwave Service licensees prior to operation in 3700-4200 MHz band.
- (7) Maintain operation separation from the grandfathered earth stations as defined in Part 90, Subpart Z, or coordinate an agreement with the grandfathered earth station licensees prior to operation in 3650-3700 MHz band.
- (8) Obtain consents from the Educational Broadband Service and the Broadband Radio Service licensees prior to accessing to the frequency range from 2496-2690 MHz.
- (9) The stations are only authorized to conduct tests indoor in shielded environment.