

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WS9XTM

(Call Sign)

1415-EX-ST-2021

(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 is conducting Independent Research and Development to test a modular architecture that enables usage of existing developmental products in novel ways.

Station Locations

- (1) Kekaha (KAUAI), HI - NL 22-00-16; WL 159-46-02
- (2) Grand Prairie (TARRANT), TX - NL 32-42-42; WL 97-01-40

Frequency Information

Kekaha (KAUAI), HI - NL 22-00-16; WL 159-46-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8500-8980 MHz	FX	32M7Q1D	1150 W (ERP)	
9220-10000 MHz	FX	32M7Q1D	1150 W (ERP)	

This authorization effective October 11, 2021 and
will expire 3:00 A.M. EST December 18, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Grand Prairie (TARRANT), TX - NL 32-42-42; WL 97-01-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
8500-8980 MHz	FX	32M7Q1D	1150 W (ERP)	
9220-9223 MHz	FX	3M00Q1D	1150 W (ERP)	
9977-10000 MHz	FX	23M0Q1D	1150 W (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) 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) At the Grand Prairie, TX location, Lockheed Martin Corporation must notch out the following:
9223 - 9977 MHz band