

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WS9XKE

(Call Sign)

1056-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:

Development of a new radar architecture. These initial operations will permit refinement of the first ATB modules. Operations will support several DARPA programs and other operations under U.S.

Station Locations

- (1) Grand Prairie (TARRANT), TX - NL 32-42-46; WL 97-01-43
- (2) Columbus (GORDON), GA - NL 32-33-29; WL 84-47-08
- (3) San Clemente (ORANGE), CA - NL 33-27-47; WL 117-33-32

Frequency Information

Grand Prairie (TARRANT), TX - NL 32-42-46; WL 97-01-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3300-3400 MHz	FX		60.6 kW (ERP)	0.001 %
		11M0M1N		
		14M7M1N		
		17M6M1N		
		21M5M1N		
		3M70M1N		
		43M0M1N		
		4M40M1N		
		5M50M1N		

This authorization effective July 21, 2021 and
will expire 3:00 A.M. EST November 02, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Grand Prairie (TARRANT), TX - NL 32-42-46; WL 97-01-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3300-3400 MHz	FX	7M30M1N 8M80M1N	60.6 kW (ERP)	0.001 %

Columbus (GORDON), GA - NL 32-33-29; WL 84-47-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3300-3400 MHz	FX	11M0M1N 14M7M1N 17M6M1N 21M5M1N 3M70M1N 43M0M1N 4M40M1N 5M50M1N 7M30M1N 8M80M1N	60.6 kW (ERP)	0.001 %

San Clemente (ORANGE), CA - NL 33-27-47; WL 117-33-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3300-3400 MHz	FX	11M0M1N 14M7M1N 17M6M1N 21M5M1N 3M70M1N 43M0M1N 4M40M1N 5M50M1N	60.6 kW (ERP)	0.001 %

Frequency Information

San Clemente (ORANGE), CA - NL 33-27-47; WL 117-33-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3300-3400 MHz	FX	7M30M1N 8M80M1N	60.6 kW (ERP)	0.001 %

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.