

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WR9XTK

(Call Sign)

1095-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:

The purpose of operation is to demonstrate radar technology.

Station Locations

(1) Liverpool (ONONDAGA), NY - NL 43-06-43; WL 76-11-18

Frequency Information

Liverpool (ONONDAGA), NY - NL 43-06-43; WL 76-11-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-448 MHz	FX		100 kW (ERP)	
		1M00Q3N		
		2M00Q3N		
		4M00Q3N		
		8M00Q3N		
		16M0Q3N		
		32M0Q3N		
		4M00Q8N		
		8M00Q8N		
		16M0Q8N		

This authorization effective August 02, 2021 and
will expire 3:00 A.M. EST January 02, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Liverpool (ONONDAGA), NY - NL 43-06-43; WL 76-11-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
420-448 MHz	FX	32M0Q8N	100 kW (ERP)	
3100-3300 MHz	FX	2M00Q3N 4M00Q3N 8M00Q3N 16M0Q3N 32M0Q3N 4M00Q8N 8M00Q8N 16M0Q8N 32M0Q8N 1M00Q3N	620 kW (ERP)	
3400-3450 MHz	FX	1M00Q3N 2M00Q3N 4M00Q3N 8M00Q3N 16M0Q3N 32M0Q3N 4M00Q8N 8M00Q8N 16M0Q8N 32M0Q8N	620 kW (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) Lockheed Martin Corporation must notch out the following: 3300 - 3400 MHz band.
- (4) Stop Buzzer is Ryan Terry at 703-413-5747.

Special Conditions:

- (5) Further requests for extension of the authority granted herein must be filed on Form 442, "Application for New or Modified Radio Station Authorization under Part 5 of FCC Rules - Experimental Radio Service." Future STA requests to extend this authorization will not be considered.