

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

EXPERIMENTAL

(Nature of Service)

WS9XMR

(Call Sign)

XT FX MO

(Class of Station)

1209-EX-ST-2021

(File Number)

NAME Textron Systems Unmanned Systems

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:

To request band licenses for command, control and payload data of an Unmanned Air System (UAS).

Station Locations

- (1) MOBILE: Airspace at Yuma Proving Ground in Yuma AZ, within 25 km, centered around NL 33-21-11; WL 114-16-38
- (2) Yuma (YUMA), AZ - NL 33-21-11; WL 114-16-38
- (3) Yuma (YUMA), AZ - NL 33-21-11; WL 114-16-38
- (4) MOBILE: Airspace at Yuma Proving Ground in Yuma AZ, within 25 km, centered around NL 33-21-11; WL 114-16-38

Frequency Information

MOBILE: Airspace at Yuma Proving Ground in Yuma AZ, within 25 km, centered around NL 33-21-11; WL 114-16-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.4-14.83 GHz	MO	800KG1D	45.77 W (ERP)	0.0035 %
		1M60G1D		
		8M00G1D		
		21M4G1D		

This authorization effective August 16, 2021 and
will expire 3:00 A.M. EST December 03, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.4-14.83 GHz	MO	89M5G1D	45.77 W (ERP)	0.0035 %

Yuma (YUMA), AZ - NL 33-21-11; WL 114-16-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.15-15.35 GHz	FX	800KG1D 1M60G1D 8M00G1D 21M4G1D 89M5G1D 64M0G1D	45.77 W (ERP)	0.0035 %

Yuma (YUMA), AZ - NL 33-21-11; WL 114-16-38

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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) All operations are on a non-interference basis to authorized federal users, and long term or multiple location use of the requested frequency bands may not be possible. Textron Systems should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee will be subject to immediate shut down.
- (3) Stop Buzzer, Jane Euting at (410) 628-5722.