

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

EXPERIMENTAL

(Nature of Service)

WS9XWR

(Call Sign)

XT FX MO

(Class of Station)

1719-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:

Testing for command, control and payload data of an Unmanned Air System (UAS).

Station Locations

- (1) MOBILE: UAV North Site at Yuma Proving Ground, 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

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.4-4.6 GHz	MO	4M06D1D	12.5 W (ERP)	0.00004 %

This authorization effective November 29, 2021 and
will expire 3:00 A.M. EST May 28, 2022

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Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Textron Systems must notch out 4410 MHz (+/- 20 MHz).
- (4) FAA concurrence with this frequency band is for experimental purposes only and is not an endorsement of further development of this band for aeronautical usage.
- (5) The operation of Unmanned Aircraft Systems must comply with all applicable parts of 14 CFR, including but not limited to Parts 21, 45, 47, 61, and 91.
- (6) Stop Buzzer, Jane Euting at (410) 628-5722.