

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WM9XMS

(Call Sign)

0040-EX-ST-2020

(File Number)

NAME Textron 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:

Evaluate candidate radar performance operating in the 5250 - 5925 MHz bandwidth to detect and track moving vehicles.

Station Locations

(1) Yuma (YUMA), AZ - NL 32-54-30; WL 114-23-34

Frequency Information

Yuma (YUMA), AZ - NL 32-54-30; WL 114-23-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5250-5925 MHz	FX	50M0P0N	6 mW (ERP)	0.01 %

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.

This authorization effective March 06, 2020 and
will expire 3:00 A.M. EST September 05, 2020

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COMMISSION**



Special Conditions:

- (3) Textron Systems should be aware that the 5850 – 5925 MHz band is allocated to Dedicated Short Range Communication (DSRC) Systems and as such Textron Systems should maximize the use of frequencies below 5850 MHz in order avoid potential interference with those systems.
- (4) The designated point-of-contact to terminate the systems if interference occurs is Richard Chin 978-657-1129.
- (5) Operation the frequency band 5850-5925 MHz is subject to prior coordination with Public Safety Homeland Security in the local area.
- (6) For operations at the Yuma, AZ location, Textron Systems must coordinate/schedule through the YPG Test Officer and with the YPG Spectrum Management Office (Steven Sparks 928-328-7144) for final local approval NLT 2 weeks prior to operations and the Navy and Marine Corps Spectrum Management Office Management Office North West at russell.potter@navy.mil, (360) 396-7075, 5 days prior to operations.