

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

EXPERIMENTAL

(Nature of Service)

WB9XGE

(Call Sign)

XT FX

(Class of Station)

1302-EX-ST-2026

(File Number)

NAME Ultra I&C

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 evaluate the reliability of their emission scheme as it relates in a ground-based exercise.

Station Locations

(1) Germantown (MONTGOMERY), MD - NL 39-12-04; WL 77-15-47

Frequency Information

Germantown (MONTGOMERY), MD - NL 39-12-04; WL 77-15-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27980-28020 MHz	FX	40M0D7W	1290 W (ERP)	0.002 %

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 must coordinate with the Upper Microwave Flexible Use Service licensees in the signal source areas prior to accessing to the 27.98 GHz-28.02 GHz band.
- (3) Licensee must coordinate with the Fixed Microwave Service licensee in the proposed venues prior to operation in the frequencies from 27.98 GHz to 28.02 GHz

This authorization effective August 05, 2026 and
will expire 3:00 A.M. ET November 01, 2026

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COMMUNICATIONS
COMMISSION**



Special Conditions:

- (4) The experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (5) When transmitting, the antenna(s) main beam gain elevation angle shall be at zero degree or below the horizon to protect satellite stations.
- (6) The output power/ERP of the Ultra Gigasat FA100 VSAT terminal with antenna gain 47.7dBi must not exceed 0.036 watt/1290W.