

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

EXPERIMENTAL

(Nature of Service)

WO9XZY

(Call Sign)

XT      FX MO

(Class of Station)

1318-EX-ST-2019

(File Number)

NAME GXM Consulting LLC

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 test the setup and operation of a standalone communications system providing 4G LTE coverage to first responders and other government entities during local and national emergencies.

**Station Locations**

- (1) Dugway (TOOELE), UT - NL 20-06-51; WL 112-56-18; MOBILE: Within 10km of listed coordinates, within 10 km, centered around NL 20-06-51; WL 112-56-18

**Frequency Information**

Dugway (TOOELE), UT - NL 20-06-51; WL 112-56-18; MOBILE: Within 10km of listed coordinates, within 10 km, centered arc

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1710-1755 MHz | MO            | 20M0W7W             | 100 W (ERP)      |                           |
| 2110-2155 MHz | FX            | 20M0W7W             | 100 W (ERP)      |                           |
| 2500-2570 MHz | MO            | 20M0W7W             | 100 W (ERP)      |                           |

This authorization effective August 10, 2019 and  
will expire 3:00 A.M. EST August 15, 2019

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Dugway (TOOELE), UT - NL 20-06-51; WL 112-56-18; MOBILE: Within 10km of listed coordinates, within 10 km, centered arc

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2620-2690 MHz | FX            | 20M0W7W             | 100 W (ERP)      |                           |

## 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) Licensee shall secure consents from the Advance Wireless Service licensees prior to operation in 1710-1755 MHz and 2110-2155 MHz bands.
- (4) Licensee shall obtain consents from the Educational Broadband Service and the Broadband Radio Service licensees prior to operation in 2500-2570 MHz and 2620-2690 MHz ranges.
- (5) GXM Consulting LLC must maintain all emissions within 2620-2690 MHz band in order to avoid causing interference to the adjacent Radio Astronomy band 2690-2700 MHz, see Footnote US74.
- (6) GXM Consulting LLC should be aware that IAW Footnote US385 operations in the band 2655-2690 MHz near the locations listed should be coordinated with the National Science Foundation.