

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

EXPERIMENTAL

(Nature of Service)

WL9XKW

(Call Sign)

XT FX MO

(Class of Station)

0985-EX-ST-2017

(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:

Testing a 4G LTE stand alone system to provide a network when commercial networks are down due to local or national emergencies.

Station Locations

- (1) Aberdeen PG (HARFORD), MD - NL 39-28-32; WL 76-08-15; MOBILE: , within 1 km, centered around NL 39-28-32; WL 76-08-15

Frequency Information

Aberdeen PG (HARFORD), MD - NL 39-28-32; WL 76-08-15; MOBILE: , within 1 km, centered around NL 39-28-32; WL 76-08-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0W7W	4 W (Output Power)	
788-798 MHz	MO	10M0W7W	1 W (Output Power)	
2500-2570 MHz	MO	10M0W7W	1 W (Output Power)	

This authorization effective August 03, 2017 and
will expire 3:00 A.M. EST August 31, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Aberdeen PG (HARFORD), MD - NL 39-28-32; WL 76-08-15; MOBILE: , within 1 km, centered around NL 39-28-32; WL 76-08-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2620-2690 MHz	FX	10M0W7W	4 W (Output Power)	

Special Conditions:

- (1) Operation requires consent of affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) GXM Consulting LLC. agrees that project limited to testing, experimentation or trial and may not involve live-duty operations by first responders or others to protect life, property, or safety.
- (4) GXM Consulting LLC. agrees that any press release to be issued regarding the STA/EL, surrounding demonstration, or use of Band 14 spectrum relating to the STA/EL must be coordinated with and receive written signoff from FirstNet prior to release (POCs: ryan.oremland@firstnet.gov and peter.tomczak@firstnet.gov).
- (5) GXM Consulting LLC. certifies that the Governor-appointed FirstNet Single Point of Contact within the proposed STA/EL location has been notified of STA application (contact information available at www.firstnet.gov/consultation).
- (6) GXM Consulting LLC. must accept interference from any other user of Band 14 and must coordinate operation with other authorized Band 14 STAs/ELs. Failure to effectively coordinate shall result in immediate suspension of STA until such time, as determined by FirstNet, that project may continue.
- (7) GXM Consulting LLC. must not cause interference to FirstNet operations or those approved to operate in Band 14 per license (i.e. FirstNet partner AT&T or public safety entities licensed to operate on Band 14). Failure to effectively coordinate shall result in FirstNet requesting that the FCC immediately suspend the STA. Reinstitution of the STA would require recoordination with FirstNet.
- (8) GXM Consulting LLC. certifies that it has verified with reasonable supporting detail no current potential for interference with FirstNet operations or those approved to operate in Band 14 per STA/EL or license (i.e. public safety entities licensed to operate on Band 14).
- (9) POC must be established and sent to FirstNet upon STA approval with "kill switch" authority; GXM Consulting LLC. agrees to immediately cease operations as directed by FirstNet upon receipt (in any form and for any reason) of notification to kill switch POC until such time, as determined by FirstNet, that project may continue.