

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WH9XLU

(Call Sign)

0293-EX-ST-2014

(File Number)

NAME Texas Department of Public Safety

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 demonstrate working 700 MHz LTE equipment during the Texas Department of Emergency Management (TDEM) conference being held at the Henry B. Gonzalez Convention Center.

Station Locations

- (1) San Antonio, TX - NL 29-25-15; WL 98-29-05
- (2) MOBILE: San Antonio, TX, within 5 km, centered around NL 29-25-15; WL 98-29-05

Frequency Information

San Antonio, TX - NL 29-25-15; WL 98-29-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
763-763 MHz	FX	10M0D7D 10M0G2D 10M0G7D 10M0W7W	422 W (ERP)	
793-793 MHz	FX	10M0D7D 10M0W7W 10M0G7D	422 W (ERP)	

This authorization effective May 09, 2014 and
will expire 3:00 A.M. EST May 17, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

San Antonio, TX - NL 29-25-15; WL 98-29-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
793-793 MHz	FX	10M0G2D	422 W (ERP)	

MOBILE: San Antonio, TX, within 5 km, centered around NL 29-25-15; WL 98-29-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
763-763 MHz	MO	10M0D7D 10M0G2D 10M0G7D 10M0W7W	2.5 W (ERP)	
793-793 MHz	MO	10M0D7D 10M0G2D 10M0G7D 10M0W7W	2.5 W (ERP)	

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.
- (3) Texas would operate a "Cell on Wheels" ("COW") within a five-kilometer radius of the San Antonio Convention Center in Bexar County, Texas. The demonstration would use up to a total of 100 mobile end user devices.
- (4) Operation may take place between the dates of May 9 and May 16, 2014 inclusive of set up and tear down.
- (5) Texas has analyzed information in the FCC's license databases and states that the proposed operation would not interfere or create a significant potential for harmful interference with any public safety operations in the 700 MHz band.
- (6) Operation of the experiment will not be used in mission-critical operations or in the delivery of live transmissions in duties to protect life, property, or safety. Operations will be confined to a five-kilometer radius of the San Antonio convention center.

Special Conditions:

- (7) Texas understands that this experimental STA permits shared use of the subject radio frequencies and that it may have to coordinate with other entities licensed for experimental purposes. Texas further understands that a separate concurrence from FirstNet will be required for renewal of this experimental STA.
- (8) All experimental operations by Texas will be secondary, meaning that they must not cause interference to narrowband or broadband operations authorized on a primary basis, including in the spectrum licensed to FirstNet. Narrowband or broadband operations authorized on a primary basis, including in the spectrum licensed to FirstNet, have no obligation to mitigate any interference that such primary operations may present to the Texas experimental operations.