

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WG2XBG

(Call Sign)

XD FX MO

(Class of Station)

0079-EX-RR-2013

(File Number)

NAME State of Texas (Dept of Public Safety)

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(i) of the Commission's Rules

Station Locations

- (1) College Station, TX - NL 30-36-33; WL 96-20-30; MOBILE: College Station, TX, within 32 km, centered around NL 30-36-33; WL 96-20-30

Frequency Information

College Station, TX - NL 30-36-33; WL 96-20-30; MOBILE: College Station, TX, within 32 km, centered around NL 30-36-33; \

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
763 MHz	FX	10M0G7D 10M0W7W 10M0G2D 10M0D7D	422 W (ERP)	
763 MHz	MO	10M0G7D 10M0W7W 10M0G2D 10M0D7D	2.5 W (ERP)	
793 MHz	FX	10M0G7D	422 W (ERP)	

This authorization effective April 01, 2013 and
will expire 3:00 A.M. EST December 31, 2013

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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) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (4) An LTE base station will be located at a site in College Station, Texas. Texas would test end-user devices and applications within a 32-kilometer radius of this site.
- (5) Texas requests authority from the FCC to operate over the 758-768/788-798 MHz bands, which are currently licensed on a nationwide basis to FirstNet.
- (6) Operation will continue for no longer than December 31, 2013.
- (7) 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.
- (8) 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 32-kilometer radius of the base station location.
- (9) Texas has provided an overall project management contact: Todd Early, Deputy Assistant Director of the Texas Department of Public Safety, Todd.Early@DPS.TEXAS.GOV; tel. 512 424 2121. In case of interference issues, the "stop-buzzer" contact for these experiments is: Robert Cavazos, Director of Broadband for Harris County, Texas, robert.cavazos@itc.hctx.net; tel: 713 274 7878.

Special Conditions:

- (10) Texas understands that an experimental license only 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 license.
- (11) 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 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.
- (12) Texas not yet developed in the geographic area covered by this application. Texas understands that if, during the term of this license, FirstNet or its assigns or lessees, plans to deploy in this area, Texas may have to reduce the coverage or power levels of its experimental transmissions or cease them entirely.