

**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)

0636-EX-PL-2011

(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) Baytown, TX - NL 29-47-25; WL 95-03-38; MOBILE: Baytown, TX, within 32 km
- (2) Pasadena, TX - NL 29-37-11; WL 95-02-46; MOBILE: Pasadena, TX, within 32 km
- (3) Pasadena, TX - NL 29-42-06; WL 95-01-16; MOBILE: Pasadena, TX, within 32 km
- (4) Houston, TX - NL 29-48-19; WL 95-11-33; MOBILE: Houston, TX, within 32 km
- (5) Houston, TX - NL 29-52-06; WL 95-32-31; MOBILE: Houston, TX, within 32 km
- (6) Houston, TX - NL 29-54-15; WL 95-35-56; MOBILE: Houston, TX, within 32 km
- (7) College Station, TX - NL 30-36-33; WL 96-20-30; MOBILE: College Station, TX, within 32 km
- (8) Baytown, TX - NL 29-49-13; WL 94-57-51; MOBILE: , within 32 km
- (9) Baytown, TX - NL 29-46-15; WL 95-00-43; MOBILE: , within 32 km
- (10) Baytown, TX - NL 29-48-02; WL 94-54-23; MOBILE: , within 32 km
- (11) Baytown, TX - NL 29-43-47; WL 94-53-28; MOBILE: , within 32 km
- (12) Baytown, TX - NL 29-42-39; WL 94-56-12; MOBILE: , within 32 km
- (13) Houston, TX - NL 29-46-58; WL 95-26-27; MOBILE: , within 32 km
- (14) Spring, TX - NL 30-01-56; WL 95-31-38; MOBILE: , within 32 km

Frequency Information

Baytown, TX - NL 29-47-25; WL 95-03-38; MOBILE: Baytown, TX, within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
765.5 MHz	FX	5M00G7D 5M00W7W	365 W (ERP)	

This authorization effective April 04, 2012 and  
will expire 3:00 A.M. EST October 01, 2012

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Baytown, TX - NL 29-47-25; WL 95-03-38; MOBILE: Baytown, TX, within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
765.5 MHz	FX	5M00G2D 5M00D7D	365 W (ERP)	
765.5 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	2.5 W (ERP)	
795.5 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	365 W (ERP)	
795.5 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	2.5 W (ERP)	

Pasadena, TX - NL 29-37-11; WL 95-02-46; MOBILE: Pasadena, TX, within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
765.5 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D 5M00D7D	365 W (ERP)	

## Frequency Information

Pasadena, TX - NL 29-37-11; WL 95-02-46; MOBILE: Pasadena, TX, within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
765.5 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	2.5 W (ERP)	
795.5 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	365 W (ERP)	
795.5 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	2.5 W (ERP)	

Pasadena, TX - NL 29-42-06; WL 95-01-16; MOBILE: Pasadena, TX, within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
765.5 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	365 W (ERP)	
765.5 MHz	MO	5M00G7D 5M00W7W 5M00G2D	2.5 W (ERP)	

## Frequency Information

Pasadena, TX - NL 29-42-06; WL 95-01-16; MOBILE: Pasadena, TX, within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
765.5 MHz	MO	5M00D7D	2.5 W (ERP)	
795.5 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	365 W (ERP)	
795.5 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	2.5 W (ERP)	

Houston, TX - NL 29-48-19; WL 95-11-33; MOBILE: Houston, TX, within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
765.5 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	365 W (ERP)	
765.5 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	2.5 W (ERP)	
795.5 MHz	FX	5M00G7D	365 W (ERP)	

## Frequency Information

Houston, TX - NL 29-48-19; WL 95-11-33; MOBILE: Houston, TX, within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
795.5 MHz	FX	5M00W7W 5M00G2D 5M00D7D	365 W (ERP)	
795.5 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	2.5 W (ERP)	

Houston, TX - NL 29-52-06; WL 95-32-31; MOBILE: Houston, TX, within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
765.5 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	365 W (ERP)	
765.5 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	2.5 W (ERP)	
795.5 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	365 W (ERP)	

## Frequency Information

Houston, TX - NL 29-52-06; WL 95-32-31; MOBILE: Houston, TX, within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
795.5 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	2.5 W (ERP)	

Houston, TX - NL 29-54-15; WL 95-35-56; MOBILE: Houston, TX, within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
765.5 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	365 W (ERP)	
765.5 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	2.5 W (ERP)	
795.5 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	365 W (ERP)	
795.5 MHz	MO	5M00G7D 5M00W7W 5M00G2D	2.5 W (ERP)	

## Frequency Information

Houston, TX - NL 29-54-15; WL 95-35-56; MOBILE: Houston, TX, within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
795.5 MHz	MO	5M00D7D	2.5 W (ERP)	

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
765.5 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	422 W (ERP)	
765.5 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	2.5 W (ERP)	
795.5 MHz	FX	5M00G7D 5M00W7W 5M00G2D 5M00D7D	422 W (ERP)	
795.5 MHz	MO	5M00G7D 5M00W7W 5M00G2D 5M00D7D	2.5 W (ERP)	

## Frequency Information

Baytown, TX - NL 29-49-13; WL 94-57-51; MOBILE: , within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
765.5 MHz	FX	5M00D7D 5M00G2D 5M00G7D 5M00W7W	394 W (ERP)	
765.5 MHz	MO	5M00D7D 5M00G2D 5M00G7D 5M00W7W	2.5 W (ERP)	
795.5 MHz	FX	5M00D7D 5M00G2D 5M00G7D 5M00W7W	394 W (ERP)	
795.5 MHz	MO	5M00D7D 5M00G2D 5M00G7D 5M00W7W	394 W (ERP)	

Baytown, TX - NL 29-46-15; WL 95-00-43; MOBILE: , within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
765.5 MHz	FX	5M00D7D 5M00G2D 5M00G7D	394 W (ERP)	



## Frequency Information

Baytown, TX - NL 29-46-15; WL 95-00-43; MOBILE: , within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
765.5 MHz	FX	5M00W7W	394 W (ERP)	
765.5 MHz	MO	5M00D7D 5M00G2D 5M00G7D 5M00W7W	2.5 W (ERP)	
795.5 MHz	FX	5M00D7D 5M00G2D 5M00G7D 5M00W7W	394 W (ERP)	
795.5 MHz	MO	5M00D7D 5M00G2D 5M00G7D 5M00W7W	2.5 W (ERP)	

Baytown, TX - NL 29-48-02; WL 94-54-23; MOBILE: , within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
765.5 MHz	FX	5M00D7D 5M00G2D 5M00G7D 5M00W7W	422 W (ERP)	
765.5 MHz	MO	5M00D7D	2.5 W (ERP)	

## Frequency Information

Baytown, TX - NL 29-48-02; WL 94-54-23; MOBILE: , within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
765.5 MHz	MO	5M00G2D 5M00G7D 5M00W7W	2.5 W (ERP)	
795.5 MHz	FX	5M00D7D 5M00G2D 5M00G7D 5M00W7W	422 W (ERP)	
795.5 MHz	MO	5M00D7D 5M00G2D 5M00G7D 5M00W7W	2.5 W (ERP)	

Baytown, TX - NL 29-43-47; WL 94-53-28; MOBILE: , within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
765.5 MHz	FX	5M00D7D 5M00G2D 5M00G7D 5M00W7W	394 W (ERP)	
765.5 MHz	MO	5M00D7D 5M00G2D 5M00G7D 5M00W7W	2.5 W (ERP)	

## Frequency Information

Baytown, TX - NL 29-43-47; WL 94-53-28; MOBILE: , within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
795.5 MHz	FX	5M00D7D 5M00G2D 5M00G7D 5M00W7W	394 W (ERP)	
795.5 MHz	MO	5M00D7D 5M00G2D 5M00G7D 5M00W7W	2.5 W (ERP)	

Baytown, TX - NL 29-42-39; WL 94-56-12; MOBILE: , within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
765.5 MHz	FX	5M00D7D 5M00G2D 5M00G7D 5M00W7W	422 W (ERP)	
765.5 MHz	MO	5M00D7D 5M00G2D 5M00G7D 5M00W7W	2.5 W (ERP)	
795.5 MHz	FX	5M00D7D 5M00G2D 5M00G7D	422 W (ERP)	

## Frequency Information

Baytown, TX - NL 29-42-39; WL 94-56-12; MOBILE: , within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
795.5 MHz	FX	5M00W7W	422 W (ERP)	
795.5 MHz	MO	5M00D7D 5M00G2D 5M00G7D 5M00W7W	2.5 W (ERP)	

Houston, TX - NL 29-46-58; WL 95-26-27; MOBILE: , within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
765.5 MHz	FX	5M00D7D 5M00G2D 5M00G7D 5M00W7W	422 W (ERP)	
765.5 MHz	MO	5M00D7D 5M00G2D 5M00G7D 5M00W7W	2.5 W (ERP)	
795.5 MHz	FX	5M00D7D 5M00G2D 5M00G7D 5M00W7W	422 W (ERP)	
795.5 MHz	MO	5M00D7D	2.5 W (ERP)	

## Frequency Information

Houston, TX - NL 29-46-58; WL 95-26-27; MOBILE: , within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
795.5 MHz	MO	5M00G2D 5M00G7D 5M00W7W	2.5 W (ERP)	

Spring, TX - NL 30-01-56; WL 95-31-38; MOBILE: , within 32 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
765.5 MHz	FX	5M00D7D 5M00G2D 5M00G7D 5M00W7W	394 W (ERP)	
765.5 MHz	MO	5M00D7D 5M00G2D 5M00G7D 5M00W7W	2.5 W (ERP)	
795.5 MHz	FX	5M00D7D 5M00G2D 5M00G7D 5M00W7W	394 W (ERP)	
795.5 MHz	MO	5M00D7D 5M00G2D 5M00G7D 5M00W7W	2.5 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) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 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) The designated point-of-contact to terminate transmissions if interference occurs is Mr. John Chaney at (713) 755-1671.
- (5) This grant is separate and distinct from the Commission's review of the State's interoperability showing, which remains pending in PS Docket No. 06-299, and should not be taken to indicate how the Commission will address that showing.