

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

EXPERIMENTAL

(Nature of Service)

WG2XVJ

(Call Sign)

XT MO

(Class of Station)

0362-EX-RR-2014

(File Number)

NAME GTC Spectrum Corporation

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(e, h & j) of the Commission's Rules

Station Locations

- (1) MOBILE: MS: Temp. fixed sites in McComb (County) Subdivision
- (2) MOBILE: LA: Temp. fixed sites in Baton Rouge Subdivision

Frequency Information

MOBILE: MS: Temp. fixed sites in McComb (County) Subdivision

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
220.1-220.15 MHz	MO	17K8DXW 8K90DXW	95 W (ERP)	
220.4-220.45 MHz	MO	17K8DXW 8K90DXW	95 W (ERP)	
220.7-220.775 MHz	MO	17K8DXW 8K90DXW	95 W (ERP)	

This authorization effective January 01, 2015 and
will expire 3:00 A.M. EST January 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: MS: Temp. fixed sites in McComb (County) Subdivision

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
220.96-221 MHz	MO	17K8DXW 8K90DXW	95 W (ERP)	
221.1-221.15 MHz	MO	17K8DXW 8K90DXW	50 W (ERP)	
221.4-221.45 MHz	MO	17K8DXW 8K90DXW	50 W (ERP)	
221.7-221.775 MHz	MO	17K8DXW 8K90DXW	50 W (ERP)	
221.96-222 MHz	MO	17K8DXW 8K90DXW	50 W (ERP)	

MOBILE: LA: Temp. fixed sites in Baton Rouge Subdivision

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
220.1-220.15 MHz	MO	17K8DXW 8K90DXW	95 W (ERP)	
220.4-220.45 MHz	MO	17K8DXW 8K90DXW	95 W (ERP)	

Frequency Information

MOBILE: LA: Temp. fixed sites in Baton Rouge Subdivision

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
220.7-220.775 MHz	MO	17K8DXW 8K90DXW	95 W (ERP)	
220.96-221 MHz	MO	17K8DXW 8K90DXW	95 W (ERP)	
221.1-221.15 MHz	MO	17K8DXW 8K90DXW	50 W (ERP)	
221.4-221.45 MHz	MO	17K8DXW 8K90DXW	50 W (ERP)	
221.7-221.775 MHz	MO	17K8DXW 8K90DXW	50 W (ERP)	
221.96-222 MHz	MO	17K8DXW 8K90DXW	50 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.

Special Conditions:

- (2) Authorization granted for experimental operations to and from base station facilities that will be deployed on currently existing antenna structures. This authorization is conditioned upon GTCS's subsequent completion of all environmental review processes for these antenna structures that were required under Part 1, Subpart I of the Commission's rules to have been completed before these antenna structures were constructed. Authorization is granted in order that CN may test the operation of its Positive Train Control system in compliance with Federal Railroad Administration regulations. The application remains pending with respect to transmissions involving base station facilities on antenna structures that have not yet been constructed.
- (3) Authorization granted with respect to the remaining base station facilities that require construction of new antenna structures. This authorization is conditioned upon GTCS's subsequent completion of all environmental review processes for these antenna structures that were required under Part 1, Subpart I of the Commission's rules to have been completed before these antenna structures were constructed. Authorization is granted in order that CN may test the operation of its Positive Train Control system in compliance with Federal Railroad Administration regulations.