

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

EXPERIMENTAL

(Nature of Service)

WK2XSG

(Call Sign)

XT MO

(Class of Station)

0055-EX-CN-2020

(File Number)

NAME Fortem Technologies, Inc.

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(h) of the Commission's Rules

Station Locations

- (1) MOBILE: Pleasant Grove, UT, within 10 km, centered around NL 40-21-14; WL 111-46-03

Frequency Information

MOBILE: Pleasant Grove, UT, within 10 km, centered around NL 40-21-14; WL 111-46-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1810-1870 MHz	MO	8M00D1D	6.3 W (ERP)	0.00015 %

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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
 - Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)

This authorization effective February 04, 2020 and
will expire 3:00 A.M. EST February 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (5) Fortem Technologies must notch out the following:
 - a. 1830 MHz (+/- 4 MHz)
 - b. 1840 MHz (+/- 4 MHz)
- (6) Fortem Technologies, Inc. must notch out 1833 MHz (+/- 3 MHz) in order to not cause interference to ongoing law enforcement operations.
- (7) Fortem Technologies must obtain consents from the Advance Wireless Service licensees prior to operation in the requested frequency bands.
- (8) Operation in the 1850-1870 MHz requires prior frequency coordination with 2 GHz microwave users.
- (9) Stop Buzzers, George Mayor at 703-629-1968, Spencer Prows at 608-358-8051 and Nate Prows at 801-369-5425.