

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

EXPERIMENTAL

(Nature of Service)

WK2XWB

(Call Sign)

XT MO

(Class of Station)

0233-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: Huntsman Cancer Hospital, Salt Lake City, UT, within 10 km, centered around NL 40-46-24; WL 111-50-05

Frequency Information

MOBILE: Huntsman Cancer Hospital, Salt Lake City, UT, within 10 km, centered around NL 40-46-24; WL 111-50-05

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.4-15.7 GHz	MO	175MQXN	317 W (ERP)	0.0015 %

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) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (4) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.

This authorization effective March 25, 2020 and
will expire 3:00 A.M. EST April 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (5) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.
- (6) Fortem Technologies, Inc. operations under this application are limited to Detect and Avoid operation only. Counter UAS or other radiolocation operations are not permitted.
- (7) Stop Buzzers, George Mayor at 703-629-1968, Nate Prows at 801-369-5425 and Jeffery Davis at 801-822-8043.