George Mayor, 2015 W. Grove Parkway, Suite H, Pleasant Grove, UT 84062

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL	WP9XDC
(Nature of Service)	(Call Sign)
XT MO	1517-EX-ST-2019
(Class of Station)	(File Number)

NAME Fortem Technologies, Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:
To test its low weight, low power prototype radar on drones.

Station Locations
(1) MOBILE: Near Univ of Michigan stadium, Ann Arbor, MI, within 10 km, centered around NL 42-15-52; WL 83-44-59

Frequency Information

MOBILE: Near Univ of Michigan stadium, Ann Arbor, MI, within 10 km, centered around NL 42-15-52; WL 83-44-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-16.5 GHz	MO	150MQXN	31.6 W (ERP)	0.000028 %

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) The stop buzzer contact for this project is Jeffery Davis at 801-822-8043.

This authorization effective August 31, 2019 and
will expire 3:00 A.M. EST March 02, 2020

FEDERAL COMMUNICATIONS COMMISSION

Special Conditions:

(4) Due to the frequency being allocated for radiolocation, this experimental station shall not be used for UAS Detect and Avoid (DAA) operations.

(5) Future STA requests to extend this authorization will not be considered.