

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WO9XDJ

(Call Sign)

XT MO

(Class of Station)

0398-EX-ST-2019

(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:

Additional testing after fixes and improvements to software

Station Locations

- (1) MOBILE: Yuma Proving Grounds, AZ, within 20 km, centered around NL 32-55-12; WL 113-51-38

Frequency Information

MOBILE: Yuma Proving Grounds, AZ, within 20 km, centered around NL 32-55-12; WL 113-51-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.2-16.5 GHz	MO	150MQXN	20 W (ERP)	0.000028 %

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.

This authorization effective March 24, 2019 and
will expire 3:00 A.M. EST September 25, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Fortem Technologies, Inc. must coordinate and schedule with YPG Spectrum Manager (928.328.7144), and RANGE CONTROL by assigned YPG Test Officer through YPG SMO SharePoint page and RTSS.
- (4) Coordination and scheduling must be submitted NLT 14 calendar days prior to start of emitting. Due to ongoing and scheduled test and training activities use is not assured for any time period.
- (5) Operations will be limited to radiolocation. No Detect and Avoid or other aeronautical radionavigation operations will be authorized