

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

EXPERIMENTAL

(Nature of Service)

WO9XLW

(Call Sign)

XC MO

(Class of Station)

0740-EX-ST-2019

(File Number)

NAME Fortem Thecnologies

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:

Testing at White Sands Missile Range for the DoD with the appropriate 2-way digital datalink used in the final system.

Station Locations

- (1) MOBILE: White Sands Missile Range, NM, within 15 km, centered around NL 32-57-35;
WL 106-32-32

Frequency Information

MOBILE: White Sands Missile Range, NM, within 15 km, centered around NL 32-57-35; WL 106-32-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1.77-1.85 GHz	MO	8M98D1D	1.6 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.

This authorization effective May 10, 2019 and
will expire 3:00 A.M. EST November 11, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Fortem Technologies must obtain consents from the Advance Wireless Service licensees prior to operation in the requested frequency bands.
- (4) Fortem Technologies 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)
- (5) Fortem Technologies must notch out the following:
 - a. 1830 MHz (+/- 4 MHz)
 - b. 1840 MHz (+/- 4 MHz)
- (6) The STA is already an extension, Fortem Technologies is required to file for a regular experimental application in accordance with the FCC CFR 47 Part 5.61(c).
- (7) Operations must be scheduled as a WSMR Range mission, through the assigned WSMR Range sponsor or test officer. Final authorization to radiate is contingent upon successful scheduling and de-confliction of spectrum with other area-wide operations.