

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

EXPERIMENTAL

(Nature of Service)

WJ9XKK

(Call Sign)

XT MO

(Class of Station)

0141-EX-ST-2016

(File Number)

NAME Ulterius Technologies, LLC

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 conduct product trials and controlled field experiments.

Station Locations

(1) MOBILE: Park City, KS, within 300 km, centered around NL 37-41-03; WL 97-19-08

Frequency Information

MOBILE: Park City, KS, within 300 km, centered around NL 37-41-03; WL 97-19-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2400-2483 MHz	MO	22M0M7W	400 mW (ERP)	
5050-5600 MHz	MO	160MM7W	794 mW (ERP)	
5650-5900 MHz	MO	160MM7W	794 mW (ERP)	

This authorization effective February 19, 2016 and
will expire 3:00 A.M. EST August 20, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at http://freq.sbe.org/pdf_files/coordinators.pdf to find the appropriate coordinator.
- (2) Licensee is required to ensure that trial devices are either rendered inoperable or retrieved by them from trial participants at the conclusion of the trial. Licensee is required to notify trial participants in advance that operation of the trial device is subject to this condition.
- (3) All transmitting and/or receiving equipment used in the study shall be owned by the licensee.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) Ulterius Technologies should be made aware they may never be allowed to deploy this system since it does not conform to the existing table of allocation in Chapter 4 of the NTIA Manual of Regulations and Procedures for Federal Radio Frequency Management.
- (6) To avoid RFI to FAA terminal weather radars, operation is not permitted in the band 5600-5650 MHz.