

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

EXPERIMENTAL

(Nature of Service)

WN9XKL

(Call Sign)

XT MO

(Class of Station)

1527-EX-ST-2018

(File Number)

NAME Persistent Systems, 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:

Testing, evaluation and demonstration of high speed mobile data transmission system, terrestrial operation only.

Station Locations

(1) MOBILE: Westford, MA, within 20 km, centered around NL 42-33-21; WL 71-24-20

Frequency Information

MOBILE: Westford, MA, within 20 km, centered around NL 42-33-21; WL 71-24-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2367-2387 MHz	MO	20M0D1D	3 W (ERP)	
4880-4900 MHz	MO	20M0D1D	3 W (ERP)	
5340-5360 MHz	MO	20M0D1D	3 W (ERP)	

This authorization effective September 29, 2018 and
will expire 3:00 A.M. EST March 29, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



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.
- (3) Persistent Systems, LLC must not operate in the 2262-2272 MHz or the 4690-4710 MHz bands due to interference with ongoing law enforcement operations.
- (4) All operations are on a strict non-interference basis to authorized federal users, and operational uses of this system in the requested frequency bands may not be possible at many locations inside and outside the US.
- (5) Persistent Systems, LLC should be aware that the band 2200-2290 MHz is allocated for federal operations and is a highly congested band. Non-federal use is on a case-by-case basis. Persistent Systems, LLC should have no expectations of automatic approval in this band in future submissions.
- (6) Operation is subject to prior coordination with AFTRCC.