

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE**

EXPERIMENTAL

(Nature of Service)

WJ2XWT

(Call Sign)

XT MO

(Class of Station)

0067-EX-CR-2021

(File Number)

NAME Persistent Systems, LLC

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(J) of the Commission's Rules

Station Locations

- (1) MOBILE: within 161 km of 5042 Technology Parkway, within 161 km, centered around NL 40-31-01; WL 105-00-53
- (2) MOBILE: within 161 km of 5042 Technology Parkway, within 161 km, centered around NL 40-31-01; WL 105-00-53
- (3) MOBILE: within 161 km of 5042 Technology Parkway, within 161 km, centered around NL 40-31-01; WL 105-00-53

Frequency Information

MOBILE: within 161 km of 5042 Technology Parkway, within 161 km, centered around NL 40-31-01; WL 105-00-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2025-2110 MHz	MO	20M0D1D	10 W (ERP)	
2200-2290 MHz	MO	20M0D1D	10 W (ERP)	
4445 MHz	MO	20M0D1D	10 W (ERP)	

This authorization effective February 01, 2021 and
will expire 3:00 A.M. EST February 01, 2023

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COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: within 161 km of 5042 Technology Parkway, within 161 km, centered around NL 40-31-01; WL 105-00-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2290 MHz	MO	20M0D1D	96.61 W (ERP)	4 %
4700 MHz	MO	20M0D1D	96.61 W (ERP)	4 %

MOBILE: within 161 km of 5042 Technology Parkway, within 161 km, centered around NL 40-31-01; WL 105-00-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2200-2290 MHz	MO	20M0D1D	2538.3 W (ERP)	4 %

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) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at https://www.sbe.org/sections/freq_local.php to find the appropriate coordinator.
- (3)
 - a. In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
 - b. 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.
 - c. Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (4) Persistent Systems, LLC must coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in 2025-2110 MHz band.
- (5) Stop Buzzer Contact: Mr. Matthew Buehler
Phone : 347-470-5226
e-mail : mbuehler@persistentsystems.com