

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

EXPERIMENTAL

(Nature of Service)

WQ9XOL

(Call Sign)

XT FX MO

(Class of Station)

0821-EX-ST-2020

(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 of communications network pursuant to Air Force Contract.

Station Locations

- (1) Great Falls, MT - NL 47-31-01; WL 111-10-58; MOBILE: Malmstrom Air Force Base, Montana, centered around NL 47-31-01; WL 111-10-58

Frequency Information

Great Falls, MT - NL 47-31-01; WL 111-10-58; MOBILE: Malmstrom Air Force Base, Montana, centered around NL 47-31-01;

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2282 MHz	FX	20M0D1D	96.61 W (ERP)	0.0004 %

Special Conditions:

- (1) 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.
- (2) 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.

This authorization effective June 29, 2020 and
will expire 3:00 A.M. EST October 01, 2020

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COMMISSION**



Special Conditions:

- (3) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) All transmitting and/or receiving equipment used in the study shall be owned by the licensee.
- (5) Persistent Systems, LLC is required to coordinate and schedule the testing with Malmstrom Air Force Base installation spectrum manager (janis.olson.1@us.af.mil, (406) 731-7012 and jeffrey.ross.12@us.af.mil , (406) 731-3195.
- (6) Persistent Systems, LLC must coordinate with Mr. Homero Ruiz at the CBP Spectrum Office, Phone (202)669-7785, prior to any operations to coordinate use, and deconflict possible EMI with existing assignments.
- (7) Persistent Systems, LLC must adhere to the conditions agreed upon via email with the Navy/Marine Corps Spectrum Management Office.
- (8) Stop buzzer contact is now Mr. Matthew Buhler, whose telephone number is 646-627-8174.