

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

EXPERIMENTAL

(Nature of Service)

WN9XTB

(Call Sign)

XT MO

(Class of Station)

1251-EX-ST-2019

(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) MOBILE: Malmstrom Air Force Base, Montana, within 48.3 km, centered around NL 47-31-01; WL 111-10-57
- (2) MOBILE: Highwood Baldy, near Malmstrom AFB, Montana, within 48.3 km, centered around NL 47-26-34; WL 110-37-51
- (3) MOBILE: Geyser Power Pole, near Malmstrom AFB, Montana, within 48.3 km, centered around NL 47-13-53; WL 110-27-26
- (4) MOBILE: Highwood Baldy near Malmstrom AFB, Montana, within 32.2 km, centered around NL 47-26-34; WL 110-37-51
- (5) MOBILE: Highwood Baldy Near Malmstrom AFB, Montana, within 32.2 km, centered around NL 47-26-34; WL 110-37-51
- (6) MOBILE: Girdle Butte, near Belt, MT, within 32.2 km, centered around NL 47-22-51; WL 110-53-01

This authorization effective August 09, 2019 and
will expire 3:00 A.M. EST February 09, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Malmstrom Air Force Base, Montana, within 48.3 km, centered around NL 47-31-01; WL 111-10-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4550 MHz	MO	20M0D1D	486.64 W (ERP)	0.0004 %

MOBILE: Highwood Baldy, near Malmstrom AFB, Montana, within 48.3 km, centered around NL 47-26-34; WL 110-37-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4550 MHz	MO	20M0D1D	486.64 W (ERP)	0.0004 %

MOBILE: Geyser Power Pole, near Malmstrom AFB, Montana, within 48.3 km, centered around NL 47-13-53; WL 110-27-26

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4550 MHz	MO	20M0D1D	486.64 W (ERP)	0.0004 %

MOBILE: Highwood Baldy near Malmstrom AFB, Montana, within 32.2 km, centered around NL 47-26-34; WL 110-37-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4550 MHz	MO	20M0D1D	486.64 W (ERP)	0.0004 %

Frequency Information

MOBILE: Highwood Baldy Near Malmstrom AFB, Montana, within 32.2 km, centered around NL 47-26-34; WL 110-37-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4550 MHz	MO	20M0D1D	486.64 W (ERP)	0.0004 %

MOBILE: Girdle Butte, near Belt, MT, within 32.2 km, centered around NL 47-22-51; WL 110-53-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4550 MHz	MO	20M0D1D	486.64 W (ERP)	0.0004 %

Special Conditions:

- (1) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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.
- (3) Stop buzzer contact for this operation is Ms. Temeasha Scott.
Phone: 646-518-8966