

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

EXPERIMENTAL

(Nature of Service)

WM9XQU

(Call Sign)

XT FX MO

(Class of Station)

0450-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:

the purpose of this test is to test new hardware for data transmission to/ from airborne, water and ground stations

Station Locations

- (1) Morganton (FANNIN), GA - NL 34-52-45; WL 84-11-15; MOBILE: , within 32 km, centered around NL 34-52-45; WL 84-11-15

Frequency Information

Morganton (FANNIN), GA - NL 34-52-45; WL 84-11-15; MOBILE: , within 32 km, centered around NL 34-52-45; WL 84-11-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2267-2287 MHz	FX	20M0D0D	11.6 W (ERP)	0.0015 %
2267-2287 MHz	MO	20M0D0D	11.6 W (ERP)	0.0015 %

Special Conditions:

- (1) NTIA non-concurs with the use of the 4440 – 4460 MHz band due to ongoing law enforcement operations in the requested area.

This authorization effective April 27, 2018 and
will expire 3:00 A.M. EST May 11, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) Persistent Systems, LLC must ensure that aeronautical mobile operations in the 2200-2290 MHz band protect NASA earth station operations in KY.
- (3) Persistent Systems, LLC must provide notification of operations to the NASA GSFC Spectrum Manager, Scott Galbraith at 301.286.5089 or vincent.s.galbraith@nasa.gov, at least 3 days prior to operations.