

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

EXPERIMENTAL

(Nature of Service)

WM9XAD

(Call Sign)

XT FX MO

(Class of Station)

1386-EX-ST-2017

(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, sea and ground stations

Station Locations

- (1) Key West (MONROE), FL - NL 24-35-01; WL 81-41-34; MOBILE: , within 32 km, centered around NL 24-35-01; WL 81-41-34

Frequency Information

Key West (MONROE), FL - NL 24-35-01; WL 81-41-34; MOBILE: , within 32 km, centered around NL 24-35-01; WL 81-41-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2365 MHz	MO	10M0D7W	11.6 W (ERP)	0.0015 %
2365 MHz	FX	10M0D7W	11.6 W (ERP)	0.0015 %
4450 MHz	FX	20M0M0D	11.6 W (ERP)	0.0015 %

This authorization effective November 10, 2017 and
will expire 3:00 A.M. EST November 19, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Key West (MONROE), FL - NL 24-35-01; WL 81-41-34; MOBILE: , within 32 km, centered around NL 24-35-01; WL 81-41-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4450 MHz	MO	20M0M0D	11.6 W (ERP)	0.0015 %

Special Conditions:

- (1) NTIA non-concurs to the use of the 1350-1390 MHz band due to potential interference with air surveillance radars in the area
- (2) NTIA non-concurs to the use of the band 2267-2287 MHz due to critical law-enforcement operations going on in this area.
- (3) NTIA non-concurs to the use of frequencies 4650 MHz and 4860 MHz due to critical law-enforcement operations going on in this area.