

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

EXPERIMENTAL

(Nature of Service)

WK9XFE

(Call Sign)

XT FX MO

(Class of Station)

1157-EX-ST-2016

(File Number)

NAME Federated Wireless, Inc.

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 the STA is to test shared spectrum in the 3.5 GHz and investigate the end-to-end operation of Small Cell technology in this band.

Station Locations

(1) Arlington, VA - NL 38-52-58; WL 77-06-48; MOBILE: Arlington, VA, within 0.25 km

Frequency Information

Arlington, VA - NL 38-52-58; WL 77-06-48; MOBILE: Arlington, VA, within 0.25 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3600 MHz	MO	10M0M7W 20M0M7W	0.01 W (ERP)	

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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective August 30, 2016 and
will expire 3:00 A.M. EST March 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (3) Federal Wireless must not utilize the following frequency(s) +/- 4 MHz to protect Navy operations at Patuxent River, and Webster Field, Maryland: 3590 MHz
- (4) Prior to the start of operations in the 3550 - 3600 MHz band, experimental licensee must notify the National Spectrum Managers Association (NSMA) frequency coordinator by e-mail. This notice must include the name and contact information of the stop buzzer personnel. It must also include the testing parameters, day and times of each testing.

NSMA contact information can be found in the website:

http://wireless.fcc.gov/services/index.htm?job=licensing_1&id=microwave.

- (5) Operations in the 3550-3600 MHz frequency band are limited to indoor only set forth by the applicant. Please ensure that all doors and windows are maintained closed to minimize any potential interference.