

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

EXPERIMENTAL

(Nature of Service)

WI9XXJ

(Call Sign)

XT FX MO

(Class of Station)

0826-EX-ST-2015

(File Number)

NAME Wireless Systems Solutions 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:

Demonstration and trial of a Public Safety LTE network focused primarily on challenging coverage areas with basic and advanced LTE features tailored specifically for Public Safety.

Station Locations

- (1) Chapel Hill (ORANGE), NC - NL 35-54-16; WL 79-03-04; MOBILE: UNC Hospital Campus, within 30 km

Frequency Information

Chapel Hill (ORANGE), NC - NL 35-54-16; WL 79-03-04; MOBILE: UNC Hospital Campus, within 30 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	1 W (Output Power)	
788-798 MHz	MO	10M0F9W	125 mW (Output Power)	

Special Conditions:

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

This authorization effective September 24, 2015 and
will expire 3:00 A.M. EST February 23, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) FirstNet can request the FCC to order the licensee to cease operations within 24 hours.
- (3) Licensee project limited to proof of concept demonstrations and testing and will not involve live-duty operations to protect life, property, or safety.
- (4) Licensee must accept interference from any other user of Band 14 and all operations by licensee will be on a secondary basis.
- (5) Licensee must verify that there is no current potential for interference with FirstNet operations or those approved to operate in Band 14 per license (i.e., any Band 14 incumbents).
- (6) POC is established and sent to FirstNet upon STA approval with "kill switch" authority; licensee agrees to cease operations at request of FirstNet immediately upon receipt of request to kill switch POC until such time, as determined by FirstNet, that operations may continue.
- (7) Licensee agrees that FirstNet has the right to monitor its operations.
- (8) Licensee understands that STAs are for a limited period and that FirstNet must ensure its spectrum is clear as circumstance change and deployment becomes closer. Therefore, licensee agrees that no extensions or renewals in any form shall be sought for this STA.