

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

EXPERIMENTAL

(Nature of Service)

WM9XSQ

(Call Sign)

XT    FX MO

(Class of Station)

0746-EX-ST-2018

(File Number)

NAME AT&T

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:**

Test and demonstration of the functionality, features, and capabilities of the fifth generation ("5G") wireless communication systems using experimental equipment.

Station Locations

- (1) Southampton (SUFFOLK), NY - NL 40-53-58; WL 72-26-39
- (2) MOBILE: Southampton, NY, within 0.1 km, centered around NL 40-53-58; WL 72-26-39

**Frequency Information**

Southampton (SUFFOLK), NY - NL 40-53-58; WL 72-26-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27500-28350 MHz	FX	800MW7W	15.8 W (ERP)	0.001 %

This authorization effective June 06, 2018 and will expire 3:00 A.M. EST June 21, 2018

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

MOBILE: Southampton, NY, within 0.1 km, centered around NL 40-53-58; WL 72-26-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
27500-28350 MHz	MO	800MW7W	1.26 W (ERP)	0.001 %

## Special Conditions:

- (1) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (2) Licensee must avoid pointing the transmitting antenna main beam gain within 10 degrees of any point on the geostationary orbital arc.
- (3) The fixed and mobile stations antenna main beam elevation angle is at (zero degree) or below the horizon (below zero degrees).