

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WM9XSO

(Call Sign)

0691-EX-ST-2018

(File Number)

NAME Eastern Carolina Broadband 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:

We propose to put the first of several FW-300i Base Stations on an existing tower in Lenoir County, NC, to test its LTE ability to reach clients in NLOS and nLOS conditions. The area of the

Station Locations

- (1) Deep Run (LENOIR), NC - NL 35-06-23; WL 77-41-34
- (2) Deep Run (LENOIR), NC - NL 35-06-23; WL 77-41-34
- (3) Deep Run (LENOIR), NC - NL 35-06-23; WL 77-41-34

Frequency Information

Deep Run (LENOIR), NC - NL 35-06-23; WL 77-41-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3670 MHz	FX	20M0W7D	20 W (ERP)	1 %

This authorization effective June 26, 2018 and
will expire 3:00 A.M. EST December 26, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Deep Run (LENOIR), NC - NL 35-06-23; WL 77-41-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3680-3700 MHz	FX	20M0W7D	20 W (ERP)	1 %

Deep Run (LENOIR), NC - NL 35-06-23; WL 77-41-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3680-3700 MHz	FX	20M0W7D	20 W (ERP)	1 %

Special Conditions:

- (1) Licensee shall maintain operation separation from the grandfathered earth stations as defined in Part 90, sub-part Z, or coordinate an agreement with the grandfathered earth station licensees prior to operation in 3650-3670 MHz band.
- (2) Licensee shall consult the ULS database to ensure that the operation will not cause harmful interference to any existing registered stations in the 3650-3700 MHz, and notify the registered users in the proposed area.