

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WI9XUE

(Call Sign)

1323-EX-ST-2015

(File Number)

NAME Laird Technologies

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 are studying in building antenna propagation when test our new antenna designs. We will be using a 4G Femtocell to broadcast and receive very weak signals on Band 4 and 13.

Station Locations

(1) Manchester (HILLSBOROUGH), NH - NL 42-56-40; WL 71-26-02

Frequency Information

Manchester (HILLSBOROUGH), NH - NL 42-56-40; WL 71-26-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-716 MHz	FX	10M0D2D 5M00D2D	50 mW (ERP)	
2110-2155 MHz	FX	10M0D2D 5M00D2D	50 mW (ERP)	

This authorization effective January 15, 2016 and
will expire 3:00 A.M. EST May 31, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) 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.
- (3) Secure consents from AWS licensees prior to accessing to the 2110-2155 MHz band.
- (4) Operation is subject to consent of 700 MHz "A", "B", and "C" blocks licensees (698-716 MHz) within 50 miles of the test area.