

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

EXPERIMENTAL

(Nature of Service)

WF9XGN

(Call Sign)

XT FX

(Class of Station)

0578-EX-ST-2011

(File Number)

NAME General Electric Global Research

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:

Prototype testing of a microwave imaging system for non-destructive testing of in-service wind turbine blades.

Station Locations

(1) Schenectady (SCHENECTADY), NY - NL 42-48-45; WL 73-56-30

Frequency Information

Schenectady (SCHENECTADY), NY - NL 42-48-45; WL 73-56-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1-18 GHz	FX	18G0NXN	10 mW (ERP)	1 %

Special Conditions:

- (1) General Electric must notch out the following:
- a. 74.8 - 75.2 MHz
 - b. 108 - 137 MHz
 - c. 242.975 - 243.025 MHz Search and Rescue
 - d. 960 - 1390 MHz
 - e. 1544 - 1545 MHz
 - f. 1550 - 1610 MHz
 - g. 2700 - 2900 MHz

This authorization effective November 04, 2011 and
will expire 3:00 A.M. EST January 04, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (2) Operations shall not constrain and/or limit future growth of authorized radio services, including federal services in the area.
- (3) Stop buzzer POC: Dr. Andrzej May, 518-723-0694
- (4) Operator shall:
 - 1. Be responsible for remedying RFI caused to non-federal/federal users including terminating transmissions to resolve interference;
 - 2. Maintain a transmission log as SOP;
 - 3. Periodically check FCC licensing databases to monitor radio authorizations granted in area of operations on frequencies authorized by STA;
 - 4. Notify appropriate FCC field office of test locations and duration of STA (New York Field Office):

Luis e. Román C.
Electronics Engineer
Federal Communications Commission
Enforcement Bureau
New York Field Office
201 Varick Street
Suite 1151
New York, NY 10014
Phone: 212-337-1564
Cell: 917-280-3157
Fax: 212-620-3718

Or

Luis Salazar, Ph.D.
Phone: 212-337-2183
Cell: 347-266-6567