

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

EXPERIMENTAL

(Nature of Service)

WN9XEE

(Call Sign)

XT FX

(Class of Station)

0562-EX-ST-2018

(File Number)

NAME Georgia Institute of Technology

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:

Operation of an experimental X-band radar system to support multipath data collection efforts against low flying, unmanned targets.

Station Locations

(1) Santa Rosa Island (ESCAMBIA), FL - NL 30-23-15; WL 86-48-14

Frequency Information

Santa Rosa Island (ESCAMBIA), FL - NL 30-23-15; WL 86-48-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.5-10.5 GHz	FX	25M0QXX	3200 kW (ERP)	

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) Georgia Institute of Technology radar operation must be scheduled through the Eglin Center Scheduling Enterprise (CSE). Reference Coordination Number GAFC 2018-549.

This authorization effective August 17, 2018 and
will expire 3:00 A.M. EST February 17, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**

