

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

EXPERIMENTAL

(Nature of Service)

WM9XER

(Call Sign)

XT FX MO

(Class of Station)

1946-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:

To operate experimental tests to verify and validate receivers, transmitters, and radar systems using Software Defined Radios (SDRs) and the GTRI designed Angry Kitten.

Station Locations

(1) Smyrna (COBB), GA - NL 33-54-36; WL 84-31-38; MOBILE:within 0.4 km

Frequency Information

Smyrna (COBB), GA - NL 33-54-36; WL 84-31-38; MOBILE:within 0.4 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.25 GHz	MO	100MW3N 100MQ3N 100MV8N	2.5 MW (ERP)	0.0001 %
5.5 GHz	MO	100MQ3N 100MW3N 100MV8N	2.5 MW (ERP)	0.0001 %

This authorization effective February 13, 2019 and
will expire 3:00 A.M. EST August 13, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Smyrna (COBB), GA - NL 33-54-36; WL 84-31-38; MOBILE:within 0.4 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.5 GHz	MO	100MW3N 100MQ3N 100MV8N	2.5 MW (ERP)	0.0001 %
16.5 GHz	MO	100MW3N 100MQ3N 100MV8N	2.5 MW (ERP)	0.0001 %

Special Conditions:

- (1) Applicant should be aware that the bands 3.2-3.3 GHz, 5.45-5.55 GHz, 9.45-9.55 GHz, and 16.45-16.55 GHz are allocated for federal services, and it should have no expectations of automatic approval in this band in future submissions.