

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

EXPERIMENTAL

(Nature of Service)

WM9XBA

(Call Sign)

XT FX

(Class of Station)

1415-EX-ST-2017

(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:

Prototype, demonstrate, and deliver a high power measurement array for range measurements.

Station Locations

(1) Dawsonville (DAWSON), GA - NL 34-27-41; WL 84-10-58

Frequency Information

Dawsonville (DAWSON), GA - NL 34-27-41; WL 84-10-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10-74 MHz	FX	NON	0.243 W (ERP)	0.0001 %
76-107 MHz	FX	NON	0.243 W (ERP)	0.0001 %
122-123 MHz	FX	NON	0.243 W (ERP)	0.0001 %

This authorization effective November 29, 2017 and
will expire 3:00 A.M. EST May 29, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Dawsonville (DAWSON), GA - NL 34-27-41; WL 84-10-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
138-150 MHz	FX	NON	0.243 W (ERP)	0.0001 %

Special Conditions:

- (1) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at http://freq.sbe.org/pdf_files/coordinators.pdf to find the appropriate coordinator.
- (2) Georgia Institute of Technology shall notify the following within 80 km of the test area:
Paging Service licensees in 35 MHz
Paging Service licensees in 43 MHz