

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WR9XYN

(Call Sign)

0627-EX-ST-2021

(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:

This experiment will contribute the state of the art in detection and evaluation of VHF signals.

Station Locations

(1) Smyrna (COBB), GA - NL 33-54-32; WL 84-31-34

Frequency Information

Smyrna (COBB), GA - NL 33-54-32; WL 84-31-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
150.05-156 MHz	FX	300KF3W	50 W (ERP)	0.01 %

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://sbe.org/wp-content/uploads/freqcoor.pdf> to find the appropriate coordinator.
- (2) Licensee is not authorized to operate in the 149-150.05 MHz band.
- (3) Licensee must coordinate operations with the appropriate public safety frequency coordinator or all of the public safety licensees using the public safety frequencies requested in the application.

This authorization effective May 05, 2021 and
will expire 3:00 A.M. EST November 05, 2021

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Special Conditions:

- (4) Seven (7) days prior to transmission, Georgia Institute of Technology shall notify the Gulf Area Frequency Coordinator (email: 96CS.SCXF.GAFC@us.af.mil) as to which frequencies will be used and provide stop buzzer contact information.
- (5) Georgia Institute of Technology must notch out the frequencies identified in the file "NTIA Notches 0627-EX-ST-2021.PDF" attached to the application.
- (6) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
Paging Service licensees in 152 MHz
Mobile Service licensees in 152 MHz/158 MHz