

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
RADIO STATION CONSTRUCTION PERMIT
AND LICENSE

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WK2XBL

(Call Sign)

0981-EX-CN-2018

(File Number)

NAME Georgia Institute of Technology

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communications in accordance with the program of experimentation described by the licensee in its application for license.

Operation: In accordance with Sec. 5.3(J) of the Commission's Rules

Station Locations

(1) Dawsonville (DAWSON), GA - NL 34-27-32; WL 84-10-52

Frequency Information

Dawsonville (DAWSON), GA - NL 34-27-32; WL 84-10-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2-2.2 GHz	FX	37M1G1D	1 W (ERP)	0.01 %
3.2-3.6 GHz	FX	37M1G1D	1 W (ERP)	0.01 %
4.2-4.95 GHz	FX	37M1G1D	1 W (ERP)	0.01 %

Special Conditions:

- (1) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (2) The occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

This authorization effective April 15, 2019 and
will expire 3:00 A.M. EST April 01, 2020

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COMMISSION



Special Conditions:

- (3) Georgia Institute of Technology must secure consents from the Advance Wireless Service licensees and coordinate with the local Society of Broadcast Engineers frequency coordinator prior to accessing to 2-2.2 GHz band.
- (4)
 - The station authorized herein must not be used for air traffic control communications.
 - Aircraft operations are limited to U.S.-registered aircraft.
 - The authorized station must be in compliance with the Federal Aviation Administration (FAA) requirements as set forth in Section 17.4 of the Commission's Rules.
- (5) Stop Buzzer POC Michael Heiges 404-407-7197