

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WG2XJP

(Call Sign)

0436-EX-CR-2017

(File Number)

NAME Georgia Tech Research Institute

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(a & j) of the Commission's Rules

Station Locations

- (1) MOBILE: Early County Airport Blakely, GA max alt. 8000 ft., within 10 km, centered around NL 31-25-55; WL 84-52-54
- (2) MOBILE: Elliott Field, Dawsonville, GA-max alt. 5000 ft AGL, within 15 km, centered around NL 34-27-32; WL 84-10-52

Frequency Information

MOBILE: Early County Airport Blakely, GA max alt. 8000 ft., within 10 km, centered around NL 31-25-55; WL 84-52-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1780 MHz	MO	18M0F3F	10 W (ERP)	
1820 MHz	MO	18M0F3F	10 W (ERP)	
9.5 GHz	MO	600MF2N	6800 W (ERP)	6.52 %

This authorization effective November 01, 2017 and
will expire 3:00 A.M. EST November 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Elliott Field, Dawsonville, GA-max alt. 5000 ft AGL, within 15 km, centered around NL 34-27-32; WL 84-10-52

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1780 MHz	MO	18M0F3F	10 W (ERP)	
1820 MHz	MO	18M0F3F	10 W (ERP)	
9500 MHz	MO	480MF2N	6800 W (ERP)	6.52 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Licensee must get consent of Advanced Wireless Services (AWS) licensees prior to operating on 1780 MHz.