

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

EXPERIMENTAL

(Nature of Service)

WC2XYF

(Call Sign)

XC MO

(Class of Station)

0073-EX-ML-2006

(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(b & i) of the Commission's Rules

Station Locations

- (1) MOBILE: Georgia Tech Campus plus Various locations as listed in the application, within 8 km, centered around NL 33-47-10; WL 84-23-42

Frequency Information

MOBILE: Georgia Tech Campus plus Various locations as listed in the application, within 8 km, centered around NL 33-47-10; WL 84-23-42

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 2405-2478 MHz | MO            | 40M0D7W<br>40M0W1W  | 5.1 W (ERP)      | 1 %                       |

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) Licensee is authorized to use various modes of modulation, bandwidth, and data rates. None of these modes of transmission shall extend beyond the band limits set forth above.

This authorization effective May 17, 2007 and  
will expire 3:00 A.M. EST April 01, 2009

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



**Special Conditions:**

- (3) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by U.S. Army contract no. DAAD19-01-2-0011, Project A-6643. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (4) Operations must be prior coordinated with station WMU932, Georgia Television Company, (702)866-2222.