

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

EXPERIMENTAL

(Nature of Service)

WB9XUE

(Call Sign)

MO

(Class of Station)

0273-EX-ST-2003

(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:

Channel sounding measurements to develop a channel model that will be used in the dedicated short range communications (DSRC) standard, designated E 2213-02 by ASTM.

Station Locations

- (1) MOBILE: Exit ramp off I-75 and I-85 in Downtown Atlanta, GA, within 1 km, centered around NL 33-44-55; WL 84-23-09
- (2) MOBILE: Beside a city park near Peachtree St. NE and Edgewood Ave. SE; Includes the intersection at the corner of Peachtree and Forsyth St. NW, within 1 km, centered around NL 33-45-19; WL 84-23-20
- (3) MOBILE: Beside the BellSouth Bldg. on the corner of W. Peachtree St. NE and Ponce de Leon Ave. NE, within 1 km, centered around NL 33-46-20; WL 84-23-14
- (4) MOBILE: On Georgia Tech campus near Turner Broadcasting on the corner of 10th St. NW and Fowler St. NW, within 1 km, centered around NL 33-46-52; WL 84-23-37
- (5) MOBILE: Adjacent to the Georgia Dome on Carter St. NW, within 1 km, centered around NL 33-45-22; WL 84-24-03
- (6) MOBILE: Near Technology Square on W. Peachtree St. NW, between 4th and 5th Streets, within 1 km, centered around NL 33-46-08; WL 84-23-14

Frequency Information

MOBILE: Exit ramp off I-75 and I-85 in Downtown Atlanta, GA, within 1 km, centered around NL 33-44-55; WL 84-23-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.42-2.46 GHz	MO	40M0W1X	2.1 W (ERP)	5 %

This authorization effective August 08, 2003 and
will expire 3:00 A.M. EST October 30, 2003

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.42-2.46 GHz	MO	40M0W1X	2.1 W (ERP)	5 %

MOBILE: Beside the BellSouth Bldg. on the corner of W. Peachtree St. NE and Ponce de Leon Ave. NE, within 1 km, centered around NL 33-46-20; WL 84-23-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.42-2.46 GHz	MO	40M0W1X	2.1 W (ERP)	5 %

MOBILE: On Georgia Tech campus near Turner Broadcasting on the corner of 10th St. NW and Fowler St. NW, within 1 km, centered around NL 33-46-52; WL 84-23-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.42-2.46 GHz	MO	40M0W1X	2.1 W (ERP)	5 %

MOBILE: Adjacent to the Georgia Dome on Carter St. NW, within 1 km, centered around NL 33-45-22; WL 84-24-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.42-2.46 GHz	MO	40M0W1X	2.1 W (ERP)	5 %

MOBILE: Near Technology Square on W. Peachtree St. NW, between 4th and 5th Streets, within 1 km, centered around NL 33-46-08; WL 84-23-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.42-2.46 GHz	MO	40M0W1X	2.1 W (ERP)	5 %

Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.

Special Conditions:

- (2) Operation is subject to prior coordination with the State of Georgia:

GEORGIA, STATE OF
935 E CONFEDERATE AVE BLDG 24
ATLANTA, GA 30316
ATTN TRANSP DEPT TRAFFIC OPERS MGMT CTR
P:(770)635-8038
F:(770)635-8001

- (3) Operation is subject to prior coordination with the City of Atlanta:

ATLANTA, CITY OF
PO Box 45411
ATLANTA, GA 30320
ATTN POLICE DEPT ARPRT SECTION W CARR
P:(404)530-6630
F:(404)530-6806