

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

EXPERIMENTAL

(Nature of Service)

XR MO

(Class of Station)

WD2XAV

(Call Sign)

0112-EX-ST-2004

(File Number)

NAME Georgia Institute of Techology

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:

Determining the coverage within various types of buildings of an adaptive array interrogator (or reader) for an RF tag.

Station Locations

- (1) MOBILE: The measurements will be taken in various locations in a radius of 50m of the coordinate, which will be centered at the home of 727 Pinetree Drive, Decatur, GA, within 0.05 km, centered around NL 33-46-31; WL 84-18-29, within 0.05 km, centered around NL 33-46-31; WL 84-18-29
- (2) MOBILE: The measurements will be taken in various locations in a radius of 70m of the coordinate, which will be located at the Mason Bldg at 790 Atlantic Dr, Atlanta, GA, within 0.07 km, centered around NL 33-46-36; WL 84-23-55., within 0.07 km, centered around NL 33-46-36; WL 84-23-55
- (3) MOBILE: The measurements will be taken in various locations in a radius of 50m of the coordinate, which will be located at the 8th Street Apartments South at 555 8th St., Atlanta, GA, within 0.05 km, centered around NL 33-46-48; WL 84-24-31., within 0.05 km, centered around NL 33-46-48; WL 84-24-31
- (4) MOBILE: The measurements will be taken in various locations in a radius of 70m of the coordinate, which will be located at Georgia Pacific Tissue - Naheola, 7530 HIGHWAY 114, Pennington, AL, within 0.07 km, centered around NL 32-13-52; WL 88-01-30., within 0.07 km, centered around NL 32-13-52; WL 88-01-30
- (5) MOBILE: The measurements will be taken in various locations in a radius of 70m of the coordinate, which will be located at Georgia Pacific Tissue - Savannah, within 0.07 km, centered around NL 32-17-10; WL 81-13-12

Frequency Information

This authorization effective March 09, 2004 and
will expire 3:00 A.M. EST September 02, 2004

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COMMUNICATIONS
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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
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Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.