

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

EXPERIMENTAL

(Nature of Service)

XR MO

(Class of Station)

WD2XAV

(Call Sign)

0254-EX-PL-2002

(File Number)

NAME Georgia Institute of Techology

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, c) of the Commission's Rules

Station Locations

- (1) MOBILE: The measurements will be taken in various locations in a radius of 70 m of the coordinate, which will be located at the GCATT building on 14th Street in Atlanta, GA., within 0.07 km, centered around NL 33-47-10; WL 84-23-42
- (2) MOBILE: The measurements will be taken in various locations in a radius of 70 m of the coordinate, which is located at the Residential Laboratory on 10th Street in Atlanta, GA., within 0.07 km, centered around NL 33-46-52; WL 84-24-07

Frequency Information

MOBILE: The measurements will be taken in various locations in a radius of 70 m of the coordinate, which will be located at the GCATT building on 14th Street in Atlanta, GA., within 0.07 km, centered around NL 33-47-10; WL 84-23-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6-6.5 GHz	MO	500MN0N	193 mW (ERP)	
16.75-17.25 GHz	MO	500MN0N	254 mW (ERP)	

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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

This authorization effective August 22, 2003 and
will expire 3:00 A.M. EST September 01, 2005

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~~extends beyond the band limits set forth above.~~

- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.