

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

EXPERIMENTAL

(Nature of Service)

XR FX MO

(Class of Station)

WB9XXR

(Call Sign)

0633-EX-ST-2004

(File Number)

NAME Louisiana, University of (Lafayette)

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:

Evaluating interference between Wireless LAN 802.11a/b/g and Ultra-Wideband systems in an outdoor environment being conducted as part of a Master's Thesis in Telecommunications.

Station Locations

- (1) Lafayette, LA - NL 30-12-48; WL 92-01-12; MOBILE: On the University of Louisiana (Lafayette) campus, within 1 km, centered around NL 30-12-48; WL 92-01-12

Frequency Information

Lafayette, LA - NL 30-12-48; WL 92-01-12; MOBILE: On the University of Louisiana (Lafayette) campus, within 1 km, centered

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.9-7.85 GHz	MO	4G95P1D	0.031 mW (ERP)	0.24 %

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 should be aware that many federal high power operations are in the 2.9 - 7.85 GHz band.

This authorization effective November 24, 2004 and
will expire 3:00 A.M. EST May 11, 2005

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COMMISSION**



Special Conditions:

- (3) Licensee must notify Fixed Microwave Service (Part 101) licensees within a 10 km radius of the given coordinates, and the FCC Engineer in Charge for Louisiana, prior to operating.