

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

EXPERIMENTAL

(Nature of Service)

WE2XWE

(Call Sign)

XR FX MO

(Class of Station)

0325-EX-RR-2010

(File Number)

NAME WINLAB, Rutgers University

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(i) of the Commission's Rules

Station Locations

- (1) Piscataway (MIDDLESEX), NJ - NL 40-31-17; WL 74-27-40; MOBILE: Piscataway (MIDDLESEX), NJ, within 5 km, centered around NL 40-31-17; WL 74-27-40
- (2) Noreth Brunswick (MIDDLESEX), NJ - NL 40-28-05; WL 74-26-44; MOBILE: Noreth Brunswick (MIDDLESEX), NJ, within 5 km, centered around NL 40-28-05; WL 74-26-44

Frequency Information

Piscataway (MIDDLESEX), NJ - NL 40-31-17; WL 74-27-40; MOBILE: Piscataway (MIDDLESEX), NJ, within 5 km, centered around NL 40-31-17; WL 74-27-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2590 MHz	FX	10M0W7D	32 W (ERP)	0.00002 %

Noreth Brunswick (MIDDLESEX), NJ - NL 40-28-05; WL 74-26-44; MOBILE: Noreth Brunswick (MIDDLESEX), NJ, within 5 km, centered around NL 40-28-05; WL 74-26-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2610 MHz	FX	10M0W7D	32 W (ERP)	0.00002 %

This authorization effective December 05, 2010 and
will expire 3:00 A.M. EST June 05, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) This authorization is for WiMAX equipment that is intended for export only.
- (5) Licensee must get consent from Educational Broadband Services and Broadband Radio Services licensees in the immediate vicinity of the tests.