

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

EXPERIMENTAL

(Nature of Service)

WE2XTN

(Call Sign)

XD FX MO

(Class of Station)

0004-EX-TC-2009

(File Number)

NAME Nortel Networks, Inc.

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) RICHARDSON (DALLAS), TX - NL 32-58-50; WL 96-42-43; MOBILE: Richardson (DALLAS), TX, within 1.6 km, centered around NL 32-58-50; WL 96-42-43

Frequency Information

RICHARDSON (DALLAS), TX - NL 32-58-50; WL 96-42-43; MOBILE: Richardson (DALLAS), TX, within 1.6 km, centered around NL 32-58-50; WL 96-42-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500-2600 MHz	FX	10M0F2D	126 W (ERP)	
2600-2690 MHz	MO	10M0F2D	126 W (ERP)	
3400-3500 MHz	FX	10M0F2D	126 W (ERP)	
3500-3600 MHz	MO	10M0F2D	126 W (ERP)	

This authorization effective March 12, 2009 and
will expire 3:00 A.M. EST August 26, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



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) Operation in the band 2500-2690 MHz requires consent of affected existing and future Broadband Radio Service/Educational Broadband Service (BRS/EBS) and point-to-point microwave licensee(s) to avoid interference.
- (3) No WiMAX equipment in the band 3400-3600 MHz will be offered for U.S. sales.
- (4) No equipment shall be developed in this band for use in the U.S. since it is a Federal government band for radiolocation. Any development for use in the U.S. needs to be done in an approved FCC band. WiMAX should not be developed in the band 3400-3600 MHz for U.S. sales.
- (5) Nortel Networks, Inc., needs to be aware of possible interference from high power Government radars in the band 3400-3600 MHz.
- (6) This authorization is for WiMAX equipment that is intended for export only.
- (7) Within 30 days of consummation of the transfer of control, the Applicants shall notify the Chief, Experimental Licensing Branch, of the date of the consummation. The effective date of this authorization is the later of March 12, 2009 or the date of consummation.