

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

EXPERIMENTAL

(Nature of Service)

WF2XBA

(Call Sign)

XC FX MO

(Class of Station)

0189-EX-PL-2009

(File Number)

NAME Telcordia Technologies, 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(b) of the Commission's Rules

Station Locations

- (1) Piscataway (MIDDLESEX), NJ - NL 40-32-24; WL 74-28-24
- (2) MOBILE: Piscataway (MIDDLESEX), NJ, within 4 km, centered around NL 40-32-24;
WL 74-28-24

Frequency Information

Piscataway (MIDDLESEX), NJ - NL 40-32-24; WL 74-28-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3600 MHz	FX	5M00D1W	50 W (ERP)	
		5M00D2W		
		5M00V7W		
		7M00D1W		
		7M00D2W		
		7M00V7W		
		10M0D1W		
		10M0D2W		
		10M0V7W		

This authorization effective June 30, 2009 and
will expire 3:00 A.M. EST June 30, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Piscataway (MIDDLESEX), NJ, within 4 km, centered around NL 40-32-24; WL 74-28-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3600 MHz	MO	5M00D1W 5M00D2W 5M00V7W 7M00D1W 7M00D2W 7M00V7W 10M0D1W 10M0D2W 10M0V7W	120 mW (ERP)	

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) 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.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Dr. Stuart Wagner, Phone Number: 732-699-2160.
- (5) This authorization is for equipment that is intended for export only.
- (6) No equipment shall be developed in this band for use in the US since it is a Federal Government band for radiolocation. Any development for use in the US needs to be done in an approved FCC band. WiMAX should not be developed in the band 3300-3650 MHz for US sales.
- (7) No WiMAX equipment in the band 3300-3650 MHz will be offered for US sales.
- (8) Telcordia Technologies, Inc., needs to be aware of possible interference from high power government radars in the band 3300-3650 MHz.
- (9) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by US Army contract W15P7T-05-C-R402. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (10) The radius of operation will be within 4 km of Middlesex, NJ. (NL 40-32-24; WL 74-28-24)
- (11) Applicant needs to be aware of possible interference from high power government radars in the frequency band 3300-3650 MHz.