

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

EXPERIMENTAL

(Nature of Service)

WF2XMI

(Call Sign)

XD      FX MO

(Class of Station)

0118-EX-ML-2012

(File Number)

NAME Tecore 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) Columbia (HOWARD), MD - NL 39-10-05; WL 76-47-34; MOBILE: Columbia, MD, within 15 km, centered around NL 39-10-05; WL 76-47-34

Frequency Information

Columbia (HOWARD), MD - NL 39-10-05; WL 76-47-34; MOBILE: Columbia, MD, within 15 km, centered around NL 39-10-05

| Frequency   | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|-------------------------------|------------------|---------------------------|
| 729-756 MHz | FX            | 1M25F9W                       | 20 W (ERP)       |                           |
| 824-849 MHz | MO            | 1M25F9W<br>300KG9W<br>300KG7W | 3 W (ERP)        |                           |
| 869-894 MHz | FX            | 1M25F9W                       | 100 W (ERP)      |                           |

This authorization effective August 04, 2012 and  
will expire 3:00 A.M. EST August 04, 2014

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Columbia (HOWARD), MD - NL 39-10-05; WL 76-47-34; MOBILE: Columbia, MD, within 15 km, centered around NL 39-10-05

| Frequency     | Station Class | Emission Designator           | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|-------------------------------|------------------|---------------------------|
| 1747-1755 MHz | MO            | 300KG9W                       | 2 W (ERP)        |                           |
| 1747-1755 MHz | FX            | 300KG9W                       | 100 W (ERP)      |                           |
| 1842-1850 MHz | MO            | 300KG9W                       | 100 W (ERP)      |                           |
| 1842-1850 MHz | FX            | 300KG9W                       | 100 W (ERP)      |                           |
| 1850-1910 MHz | MO            | 300KG9W<br>300MG7W<br>1M25F9W | 3 W (ERP)        |                           |
| 1930-1990 MHz | FX            | 300KG9W<br>300KG7W<br>1M25F9W | 100 W (ERP)      |                           |
| 2147-2155 MHz | FX            | 5M00F9W                       | 100 W (ERP)      |                           |

## Special Conditions:

- (1) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

**Special Conditions:**

- (4) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, [executivedir@sbe.org](mailto:executivedir@sbe.org); information, [www.sbe.org](http://www.sbe.org).
- (5) 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.
- (6) Operation in the 1850-1910 or 1930-1990 MHz band requires consent of PCS licensees to avoid interference.
- (7) The designated point-of-contact to terminate transmissions if interference occurs is Mr. Steve Harsham, Director of Operations, at +1-410-872-6300.
- (8) Operation is subject to coordinate with the existing microwave users prior to operating on 1930-1990 MHz band.