

**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)

0111-EX-CR-2016

(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 39-11-31; WL 76-43-35; MOBILE: Columbia, MD, within 15 km, centered around NL 39-11-31; WL 76-43-35

Frequency Information

Columbia (HOWARD), MD - NL 39-11-31; WL 76-43-35; MOBILE: Columbia, MD, within 15 km, centered around NL 39-11-31

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

This authorization effective September 01, 2016 and
will expire 3:00 A.M. EST September 01, 2018

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Frequency Information

Columbia (HOWARD), MD - NL 39-11-31; WL 76-43-35; MOBILE: Columbia, MD, within 15 km, centered around NL 39-11-31

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 300MG7W 1M25F9W	3 W (ERP)	
1930-1990 MHz	FX	300KG9W 300KG7W 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) 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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

Special Conditions:

- (5) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (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.