

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WF2XMI

(Call Sign)

0133-EX-ST-2011

(File Number)

NAME Tecore Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

The STA is necessary in order to perform testing and validation for Tecore's Military Secured Rapid Deployment System (Milsec-RDS) to be provided to the US Army and Homeland Security.

Station Locations

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

Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-849 MHz	MO	1M25F9W 300KGXW 300KG7W	3 W (ERP)	
1747-1755 MHz	MO	300KGXW	2 W (ERP)	

This authorization effective March 04, 2011 and
will expire 3:00 A.M. EST August 24, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1747-1755 MHz	FX	300KGXW	100 W (ERP)	
1842-1850 MHz	MO	300KGXW	100 W (ERP)	
1842-1850 MHz	FX	300KGXW	100 W (ERP)	
1850-1910 MHz	MO	300KGXW 300MG7W 1M25F9W	3 W (ERP)	
1930-1990 MHz	FX	300KGXW 300KG7W 1M25F9W	100 W (ERP)	
2110-2170 MHz	FX	5M00F9W	100 W (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (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) Operation requires consent of affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (5) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.

Special Conditions:

- (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.
- (9) Tecore and the DOD program manager need to be made aware that the use of this system in the U.S. will not be licensed except in two very small areas.
- (10) The 1710-1755 MHz band has been auctioned off to cell phone companies and will not be available to the federal agencies in most of the U.S.
- (11) The 1842-1850 MHz band is being considered for broadband in the next ten years and developing equipment in this band for use in the U.S. may not be in the DOD/DHS best interest. The 4400-4940 MHz band should be considered.