

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

EXPERIMENTAL

(Nature of Service)

WK2XDZ

(Call Sign)

XT FX MO

(Class of Station)

0137-EX-CN-2019

(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(h) of the Commission's Rules

Station Locations

- (1) Hanover (HOWARD), MD - NL 39-01-03; WL 76-43-35; MOBILE: Hanover, MD, within 15 km, centered around NL 39-01-03; WL 76-43-35

Frequency Information

Hanover (HOWARD), MD - NL 39-01-03; WL 76-43-35; MOBILE: Hanover, MD, within 15 km, centered around NL 39-01-03; \

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
699-716 MHz	MO	9M00F9W	9.74 W (ERP)	
704-716 MHz	MO	9M00W7D 9M00G7D	9.74 W (ERP)	
729-746 MHz	FX	9M00F9W	563.63 W (ERP)	
734-746 MHz	FX	9M00W7D	563.63 W (ERP)	

This authorization effective May 09, 2019 and
will expire 3:00 A.M. EST May 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Hanover (HOWARD), MD - NL 39-01-03; WL 76-43-35; MOBILE: Hanover, MD, within 15 km, centered around NL 39-01-03; \

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
734-746 MHz	FX	9M00G7D	563.63 W (ERP)	
746-756 MHz	FX	9M00F9W	563.63 W (ERP)	
824-849 MHz	MO	9M05W7D 9M01G7D 4M20F9W 246KGXW 243KG7W	9.73 W (ERP)	
869-894 MHz	FX	9M05F9W 9M01G7D 4M20F9W 246KGXW 243KG7W	668.34 W (ERP)	
880-915 MHz	MO	9M00F9W	9.73 W (ERP)	
925-960 MHz	FX	9M00F9W	690.23 W (ERP)	
1710-1785 MHz	MO	18M0W7D 18M0G7D	9.69 W (ERP)	
1749.5-1784.9 MHz	MO	18M0F9W	9.69 W (ERP)	

Frequency Information

Hanover (HOWARD), MD - NL 39-01-03; WL 76-43-35; MOBILE: Hanover, MD, within 15 km, centered around NL 39-01-03; \

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1805-1880 MHz	FX	18M0W7D 18M0G7D	1224.61 W (ERP)	
1844.9-1879.9 MHz	FX	18M0F9W	1224.61 W (ERP)	
1850-1910 MHz	MO	18M0F9W 18M0G7D 250KGXW 250KG7W	9.69 W (ERP)	
1880-1920 MHz	MO	1M00G9W 18M0G9W	9.68 W (ERP)	
1880-1920 MHz	FX	18M0G9W	1330.45 W (ERP)	
1920-1980 MHz	MO	18M0F9W 4M20F9W	9.68 W (ERP)	
1930-1990 MHz	FX	18M0F9W 18M0G7D 250KGXW 250KG7W	1336.59 W (ERP)	
2110-2170 MHz	FX	18M0F9W	1492.79 W (ERP)	

Frequency Information

Hanover (HOWARD), MD - NL 39-01-03; WL 76-43-35; MOBILE: Hanover, MD, within 15 km, centered around NL 39-01-03; \

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2110-2170 MHz	FX	4M20F9W	1492.79 W (ERP)	
2500.001-2570 MHz	MO	18M0F9W 18M0G7D	9.66 W (ERP)	
2500.001-2690 MHz	FX	18M0G7D 18M0W7D	1364.58 W (ERP)	
2500.001-2690 MHz	MO	18M0G9W 18M0W7D	9.66 W (ERP)	
2570-2620 MHz	MO	18M0G7D 18M0W7D	9.66 W (ERP)	
2570-2620 MHz	FX	18M0G7D 18M0W7D	1364.58 W (ERP)	
2620-2690 MHz	FX	18M0F9W 18M1G7D	1370.88 W (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) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."

Special Conditions:

- (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) The applicant must obtain consents from the Advance Wireless Service licensees prior to operation in 1710-1785 MHz, 1749.5-1784.9 MHz, 2110-2170 MHz and 1915-1920 MHz bands.
- (5) The applicant must obtain consents from the Educational Broadband Service and the Broadband Radio Service licensees prior to operation in 2500.001-2690 MHz range.
- (6) The applicant must coordinate with the local Society of Broadcast Engineers frequency coordinator and the affected Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d) prior to operation in 925-960 MHz band.
- (7) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
 - 700 MHz Lower Band "A" block licensees (698-704 MHz/728-734 MHz)
 - 700 MHz Lower Band "B" block licensees (704-710 MHz/734-740 MHz)
 - 700 MHz Lower Band "C" block licensees (710-716 MHz/740-746 MHz)
 - 700 MHz Upper Band licensees (746-758 MHz and 775-788 MHz)
 - Cellular licensees (824-849 MHz/869-894 MHz)
 - Commercial Air-Ground licensee (849-851 MHz/894-896 MHz)
 - SMR licensees (896-901 MHz/935-940 MHz)
 - B/ILT licensees (896-901 MHz/935-940 MHz)
 - Narrowband PCS licensees (901-902/930-931/940-941 MHz)
 - Location & Monitoring Service licensees (902-928 MHz)
 - Paging Service licensees in 929 MHz and 931 MHz
 - Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)
- (8) Stop buzzer, Steve Harsham at (410) 875-6230.
- (9) Operation is NOT PERMITTED using the frequency band 756-806 MHz, 2300-2500 MHz and 3550-3700 MHz.