

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

EXPERIMENTAL

(Nature of Service)

WK2XYM

(Call Sign)

XT FX MO

(Class of Station)

0320-EX-CN-2020

(File Number)

NAME Trackonomy

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) US, US; MOBILE: US, US

Frequency Information

US, US; MOBILE: US, US

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
13.553-13.567 MHz	MO	10K0A1D	300 mW (ERP)	0.001 %
433.05-434.79 MHz	MO	125KF7D	90 mW (ERP)	0.001 %
633-698 MHz	MO	10M0D7W 200KG7D 1M40D7D	170 mW (ERP)	0.001 %
699-716 MHz	MO	10M0D7W 200KG7D	170 mW (ERP)	0.001 %

This authorization effective June 22, 2020 and
will expire 3:00 A.M. EST July 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

US, US; MOBILE: US, US

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
699-716 MHz	MO	1M40D7D	170 mW (ERP)	0.001 %
704-716 MHz	MO	10M0D7W 200KG7D	170 mW (ERP)	0.001 %
814-849 MHz	MO	10M0D7W 200KG7D 1M40D7D	170 mW (ERP)	0.001 %
815-849 MHz	MO	1M25G7W	1.72 W (ERP)	0.001 %
824-849 MHz	MO	10M0D7W 200KG7D 1M40D7D	170 mW (ERP)	0.001 %
824.2-848.8 MHz	MO	200KG7W	1.72 W (ERP)	0.001 %
880-915 MHz	MO	1M25G7W	1.72 W (ERP)	0.001 %
902-928 MHz	MO	125KF7D	310 mW (ERP)	0.001 %
1710-1755 MHz	MO	10M0D7W 200KG7D	240 mW (ERP)	0.001 %

Frequency Information

US, US; MOBILE: US, US

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	1M40D7D	240 mW (ERP)	0.001 %
1710-1780 MHz	MO	10M0D7W 200KG7D 1M40D7D	240 mW (ERP)	0.001 %
1850-1910 MHz	MO	10M0D7W 200KG7D 1M40D7D	240 mW (ERP)	0.001 %
1850-1915 MHz	MO	10M0D7W 200KG7D 1M40D7D	240 mW (ERP)	0.001 %
1850.2-1909.8 MHz	MO	200KG7W	1.22 W (ERP)	0.001 %
2400-2500 MHz	MO	20M0F9W	1.22 W (ERP)	0.001 %
2400-2500 MHz	MO	2M00F1D	3 mW (ERP)	0.001 %

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.

Special Conditions:

- (3) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (4) Non-approved devices are labeled and that they will be retrieved.
- (5) 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)
 - SMR licensees (809-824 MHz/854-869 MHz)
 - B/ILT licensees (809-824 MHz/854-869 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)
 - Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)
 - 1910-1915 MHz/1990-1995 MHz Bands licensee (Sprint)
- (6) The applicant must obtain consents from the Broadband Radio Service licensees prior to accessing to 2496-2500 MHz band.
- (7) The applicant must obtain consents from the Advance Wireless Service licensees prior to accessing to 1710-1755 MHz and 1710-1780 MHz bands.
- (8) The applicant must coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in 633-698 MHz and 2450-2500 MHz bands.
- (9) Operation is NOT PERMITTED using any FAA, FirstNet and Public Safety and Homeland frequencies.
- (10) Stop buzzer, Erik Volkerink : 1-833-TRACKONOMY / +1-650-798-9269
- (11) For operations in the 2483.5-2500 MHz band, the applicant must obtain a written consent from Globalstar Licensee LLC.