

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

EXPERIMENTAL

(Nature of Service)

WK2XFM

(Call Sign)

XD FX MO

(Class of Station)

0362-EX-CN-2019

(File Number)

NAME Cubic Defense Applications

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(j) of the Commission's Rules

Station Locations

- (1) San Diego (SAN DIEGO), CA - NL 32-49-17; WL 117-07-43; MOBILE: Cubic's Balboa Campus, within 0.25 km, centered around NL 32-49-17; WL 117-07-43

Frequency Information

San Diego (SAN DIEGO), CA - NL 32-49-17; WL 117-07-43; MOBILE: Cubic's Balboa Campus, within 0.25 km, centered around NL 32-49-17; WL 117-07-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
703-758 MHz	MO	10M0W7D	20 mW (ERP)	
703-758 MHz	FX	10M0W7D	63 mW (ERP)	
775-788 MHz	MO	10M0W7D	20 mW (ERP)	
775-788 MHz	FX	10M0W7D	63 mW (ERP)	

This authorization effective May 09, 2019 and
will expire 3:00 A.M. EST January 01, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

San Diego (SAN DIEGO), CA - NL 32-49-17; WL 117-07-43; MOBILE: Cubic's Balboa Campus, within 0.25 km, centered around

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
824-894 MHz	MO	10M0W7D	20 mW (ERP)	
824-894 MHz	FX	10M0W7D	63 mW (ERP)	

Special Conditions:

- (1) 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.
- (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.
- (4) Operation must be coordinated and consented by the following within 50 miles of the contours of the testing area:
 - 700 MHz Lower Band licensees (698-746 MHz)
 - 700 MHz Upper Band licensees (746-758 MHz and 775-788 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)