

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WK2XTG

(Call Sign)

0772-EX-CN-2019

(File Number)

NAME SatCom Direct, 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 & j) of the Commission's Rules

Station Locations

(1) Melbourne (BREVARD), FL - NL 28-15-41; WL 80-41-41

Frequency Information

Melbourne (BREVARD), FL - NL 28-15-41; WL 80-41-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
460-470 MHz	FX	10M0P0N	10 mW (ERP)	
465 MHz	FX	10M0P0N	10 mW (ERP)	
921-960 MHz	FX	39M0P0N	10 mW (ERP)	
940.5 MHz	FX	39M0P0N	10 mW (ERP)	

This authorization effective April 03, 2020 and
will expire 3:00 A.M. EST March 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Melbourne (BREVARD), FL - NL 28-15-41; WL 80-41-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1785 MHz	FX	300KG7W	10 mW (ERP)	
1805-1880 MHz	FX	300KG7W	10 mW (ERP)	
1842.5 MHz	FX	75M0P0N	10 mW (ERP)	
2110-2170 MHz	FX	60M0P0N	10 mW (ERP)	
2500-2690 MHz	FX	190MP0N	10 mW (ERP)	

Special Conditions:

- (1) Operation requires consent of affected Educational Broadband Service/Broadband Radio Service (EBS/BRS) licensees.
- (2) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (3) Operation in the 1695-1780 MHz, 1915-1920 MHz, 1995-2020 MHz or 2110-2200 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (4) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (5) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (6) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at https://www.sbe.org/sections/freq_local.php to find the appropriate coordinator.

Special Conditions:

- (7) Prior to commencing any operations in the frequencies below, the licensee must obtain consent from the following within 10 miles of the contours of the testing area:
- 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
- (8) This authorization SUPERSEDES the previously issued authorization with the same call sign and file number: decreases the coordination distance with licensees in several services from 50 miles to 10 miles.