

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

EXPERIMENTAL

(Nature of Service)

WD2XYL

(Call Sign)

XE FX MO

(Class of Station)

0148-EX-CM-2019

(File Number)

NAME CalAmp Wireless Network Corporation

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(c) of the Commission's Rules

Station Locations

- (1) Canton (NORFOLK), MA - NL 42-10-36; WL 71-06-34; MOBILE: Canton (NORFOLK), MA, within 10 km, centered around NL 42-10-36; WL 71-06-34
- (2) Westborough (WORCESTER), MA - NL 42-16-26; WL 71-38-34; MOBILE: Westborough (WORCESTER), MA, within 10 km, centered around NL 42-16-26; WL 71-38-34
- (3) Carlsbad (SAN DIEGO), CA - NL 33-08-16; WL 117-16-39; MOBILE: Carlsbad, CA, within 10 km, centered around NL 33-08-16; WL 117-16-39
- (4) North Mankato (NICOLLET), MN - NL 44-11-03; WL 94-03-39; MOBILE: North Mankato, MN, within 10 km, centered around NL 44-11-03; WL 94-03-39

Frequency Information

Canton (NORFOLK), MA - NL 42-10-36; WL 71-06-34; MOBILE: Canton (NORFOLK), MA, within 10 km, centered around NL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
164.175 MHz	FX	8K40F1D 8K40F2D	25 W (ERP)	
164.175 MHz	MO	8K40F1D 8K40F2D	2 W (ERP)	

This authorization effective August 05, 2019 and
will expire 3:00 A.M. EST September 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Canton (NORFOLK), MA - NL 42-10-36; WL 71-06-34; MOBILE: Canton (NORFOLK), MA, within 10 km, centered around NL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
169.2 MHz	FX	8K40F2D 8K40F1D	25 W (ERP)	
169.2 MHz	MO	8K40F2D 8K40F1D	2 W (ERP)	

Westborough (WORCESTER), MA - NL 42-16-26; WL 71-38-34; MOBILE: Westborough (WORCESTER), MA, within 10 km, centered around NL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
164.175 MHz	FX	8K40F1D 8K40F2D	25 W (ERP)	
164.175 MHz	MO	8K40F1D 8K40F2D	2 W (ERP)	
169.2 MHz	FX	8K40F1D 8K40F2D	25 W (ERP)	
169.2 MHz	MO	8K40F1D 8K40F2D	2 W (ERP)	

Frequency Information

Carlsbad (SAN DIEGO), CA - NL 33-08-16; WL 117-16-39; MOBILE: Carlsbad, CA, within 10 km, centered around NL 33-08-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
164.175 MHz	FX	8K40F1D 8K40F2D	25 W (ERP)	
164.175 MHz	MO	8K40F1D 8K40F2D	2 W (ERP)	

North Mankato (NICOLLET), MN - NL 44-11-03; WL 94-03-39; MOBILE: North Mankato, MN, within 10 km, centered around NL 44-11-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
164.175 MHz	FX	8K40F1D 8K40F2D	25 W (ERP)	
164.175 MHz	MO	8K40F1D 8K40F2D	2 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) No interference shall be caused to government operations co-channel in Boston, MA using 2 watt hand held radios.
- (5) LoJack Corporation shall develop and test this equipment for export only.
- (6) LoJack Corporation is to understand that the frequency 164.175 MHz is an exclusive federal allocated frequency and no non-government use will be authorized beyond testing for international licensees.

Special Conditions:

- (7) LoJack Corporation must be aware that future testing on this frequency may be denied due to expanding government use of the frequency 164.175 MHz and that FCC or shared bands should be in considered in the future.
- (8) Operation is subject to prior coordination with affected existing and future Fixed Microwave Service licensees in accordance with 47 CFR, Part 101.103(d).