

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

EXPERIMENTAL
(Nature of Service)

XE FX MO
(Class of Station)

WF2XEM
(Call Sign)

0573-EX-CR-2021
(File Number)

NAME _____ ltron, 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(c) of the Commission's Rules

Station Locations

- (1) Waseca (WASECA), MN - NL 44-05-40; WL 93-30-20; MOBILE: Waseca, MN, within 51 km, centered around NL 44-05-40; WL 93-30-20
- (2) Liberty Lake (SPOKANE), WA - NL 47-38-53; WL 117-05-28; MOBILE: Liberty Lake, WA, within 51 km, centered around NL 47-38-53; WL 117-05-28
- (3) West Union (OCONEE), SC - NL 34-45-37; WL 83-02-34; MOBILE: West Union, SC, within 51 km, centered around NL 34-45-37; WL 83-02-34
- (4) San Jose (SANTA CLARA), CA - NL 37-24-35; WL 121-57-24; MOBILE: San Jose, CA, within 51 km, centered around NL 37-24-35; WL 121-57-24

Frequency Information

Waseca (WASECA), MN - NL 44-05-40; WL 93-30-20; MOBILE: Waseca, MN, within 51 km, centered around NL 44-05-40; W

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
427-435 MHz	FX	500KA2D	1 W (ERP)	
		250KA2D		
		50K0A2D		
		12K5A2D		
		500KF2D		
		250KF2D		
		50K0F2D		

This authorization effective December 01, 2021 and
will expire 3:00 A.M. EST December 01, 2023

FEDERAL
COMMUNICATIONS
COMMISSION



Frequency Information

Waseca (WASECA), MN - NL 44-05-40; WL 93-30-20; MOBILE: Waseca, MN, within 51 km, centered around NL 44-05-40; W

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
427-435 MHz	FX	12K5F2D	1 W (ERP)	
863-876 MHz	FX	12K5F2D	1 W (ERP)	
		50K0F2D		
		250KF2D		
		500KF2D		
		12K5A2D		
		50K0A2D		
		250KA2D		
		500KA2D		

Liberty Lake (SPOKANE), WA - NL 47-38-53; WL 117-05-28; MOBILE: Liberty Lake, WA, within 51 km, centered around NL 4

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
427-435 MHz	FX	12K5F2D	1 W (ERP)	
		50K0F2D		
		250KF2D		
		500KF2D		
		12K5A2D		
		50K0A2D		
		250KA2D		
		500KA2D		
863-876 MHz	FX	12K5F2D	1 W (ERP)	
		50K0F2D		
		250KF2D		
		500KF2D		
		12K5A2D		
		50K0A2D		

Frequency Information

Liberty Lake (SPOKANE), WA - NL 47-38-53; WL 117-05-28; MOBILE: Liberty Lake, WA, within 51 km, centered around NL 4

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
863-876 MHz	FX	250KA2D 500KA2D	1 W (ERP)	

West Union (OCONEE), SC - NL 34-45-37; WL 83-02-34; MOBILE: West Union, SC, within 51 km, centered around NL 34-45

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
427-435 MHz	FX	250KA2D 500KA2D 12K5F2D 50K0F2D 250KF2D 500KF2D 12K5A2D 50K0A2D	1 W (ERP)	
863-876 MHz	FX	250KA2D 500KA2D 12K5A2D 50K0A2D 12K5F2D 50K0F2D 250KF2D 500KF2D	1 W (ERP)	

Frequency Information

San Jose (SANTA CLARA), CA - NL 37-24-35; WL 121-57-24; MOBILE: San Jose, CA, within 51 km, centered around NL 37-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
427-435 MHz	FX	12K5F2D 50K0F2D 250KF2D 500KF2D 12K5A2D 50K0A2D 250KA2D 500KA2D	1 W (ERP)	
863-876 MHz	FX	50K0F2D 250KF2D 500KF2D 12K5A2D 50K0A2D 250KA2D 500KA2D 12K5F2D	1 W (ERP)	

Special Conditions:

- (1) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (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) 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.
- (5) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at <http://sbe.org/wp-content/uploads/freqcoor.pdf> to find the appropriate coordinator.

Special Conditions:

- (6) Operations in the 868-870 MHz band are to be prior coordinated with Cellular Block A Licensees Area Coordinator, Mark Dundas, at:

Minnesota Southern Cellular Telephone Company d/b/a HickoryTech Wireless
1640 MADISON AVENUE
MANKATO, MN 56001
(507)625 2355

- (7) Operation on frequencies in the 868 - 870 MHz band allocated to the land mobile public safety service must be coordinated with the designated land mobile public safety coordinator.
- (8) This license authorizes the use of no more than 200 units at any time.