

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

EXPERIMENTAL  
(Nature of Service)

XT    FX  
(Class of Station)

WM2XHW  
(Call Sign)

1147-EX-CN-2021  
(File Number)

NAME FalconION, 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) of the Commission's Rules

Station Locations

- (1) Lockport (WILL), IL - NL 41-37-42; WL 88-00-44
- (2) Lockport (WILL), IL - NL 41-37-42; WL 88-00-44
- (3) Orland Park (COOK), IL - NL 41-35-29; WL 87-52-27
- (4) Orland Park (COOK), IL - NL 41-35-29; WL 87-52-27

Frequency Information

Lockport (WILL), IL - NL 41-37-42; WL 88-00-44

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7.14-8.4 MHz	FX	5K00G1D	16000 W (ERP)	0.00005 %
		10K0G1D		
		20K0G1D		
9.04-9.4 MHz	FX	5K00G1D	16000 W (ERP)	0.00005 %
		10K0G1D		
		20K0G1D		
10.15-11.175 MHz	FX	5K00G1D	16000 W (ERP)	0.00005 %

This authorization effective January 13, 2022 and will expire 3:00 A.M. EST January 01, 2024

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



Frequency Information

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10.15-11.175 MHz	FX	10K0G1D	16000 W (ERP)	0.00005 %
		20K0G1D		
14-14.99 MHz	FX	5K00G1D	16000 W (ERP)	0.00005 %
		10K0G1D		
		20K0G1D		
15.8-16.36 MHz	FX	5K00G1D	16000 W (ERP)	0.00005 %
		10K0G1D		
		20K0G1D		

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9.04-9.4 MHz	FX	5K00G1D 10K0G1D 20K0G1D	16000 W (ERP)	0.00005 %
10.15-11.175 MHz	FX	5K00G1D 10K0G1D 20K0G1D	16000 W (ERP)	0.00005 %
14-14.99 MHz	FX	5K00G1D 10K0G1D	16000 W (ERP)	0.00005 %

Frequency Information

Orland Park (COOK), IL - NL 41-35-29; WL 87-52-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14-14.99 MHz	FX	20K0G1D	16000 W (ERP)	0.00005 %
15.8-16.36 MHz	FX	5K00G1D 10K0G1D 20K0G1D	16000 W (ERP)	0.00005 %

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10.15-11.175 MHz	FX	5K00G1D 10K0G1D 20K0G1D	16000 W (ERP)	0.00005 %
14-14.99 MHz	FX	10K0G1D 20K0G1D 5K00G1D	16000 W (ERP)	0.00005 %

## Frequency Information

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15.8-16.36 MHz	FX	5K00G1D 10K0G1D 20K0G1D	16000 W (ERP)	0.00005 %

## Special Conditions:

- (1) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."
- (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.
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) All transmitting and/or receiving equipment used in the study shall be owned by the licensee.
- (5) Operation is not permitted the frequency band 7200-7450 kHz.
- (6) This operation is for experimental purposes only, provision of services is not permitted. Widely divergent and unrelated experiments must not be conducted under this license.
- (7) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."
- (8) Stop buzzer, Matthew Kelly at (845) 520-0119.