

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WI2XXA

(Call Sign)

0125-EX-CN-2017

(File Number)

NAME SW Networks LLC

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(e, h & j) of the Commission's Rules

Station Locations

- (1) Hazel Crest, IL - NL 41-35-02; WL 87-41-09
- (2) Highland, IN - NL 41-31-59; WL 87-28-01
- (3) Sawyer, MI - NL 41-52-58; WL 86-35-51
- (4) Chicago, IL - NL 41-45-42; WL 87-33-23
- (5) Michigan City, IN - NL 41-43-10; WL 86-53-32

Frequency Information

Hazel Crest, IL - NL 41-35-02; WL 87-41-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
37000-38600 MHz	FX	1G40D7W	10 kW (ERP)	0.0005 %
39300 MHz	FX	1G40D7W	10 kW (ERP)	0.0005 %

This authorization effective July 06, 2017 and
will expire 3:00 A.M. EST July 01, 2019

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Highland, IN - NL 41-31-59; WL 87-28-01

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
37000-38600 MHz	FX	1G40D7W	10 kW (ERP)	0.0005 %
39300 MHz	FX	1G40D7W	10 kW (ERP)	0.0005 %

Sawyer, MI - NL 41-52-58; WL 86-35-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
37000-38600 MHz	FX	1G40D7W	10 kW (ERP)	0.0005 %
39300 MHz	FX	1G40D7W	10 kW (ERP)	0.0005 %

Chicago, IL - NL 41-45-42; WL 87-33-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
37000-38600 MHz	FX	1G40D7W	10 kW (ERP)	0.0005 %
39300 MHz	FX	1G40D7W	10 kW (ERP)	0.0005 %

Frequency Information

Michigan City, IN - NL 41-43-10; WL 86-53-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
37000-38600 MHz	FX	1G40D7W	10 kW (ERP)	0.0005 %
39300 MHz	FX	1G40D7W	10 kW (ERP)	0.0005 %

Special Conditions:

- (1) 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) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (4) Licensee shall ensure that the transmitting fixed station antenna(s) tip down when possible.
- (5) Licensee shall avoid pointing the transmit antenna above the horizon to protect all satellite stations.
- (6) No automatic renewal for this license.
- (7) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (8) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.