

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WL2XFU

(Call Sign)

0740-EX-CN-2020

(File Number)

NAME Farside Communications 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(h) of the Commission's Rules

Station Locations

- (1) Aurora (KANE), IL - NL 41-48-26; WL 88-16-06
- (2) Aurora (KANE), IL - NL 41-48-26; WL 88-16-06
- (3) Aurora (KANE), IL - NL 41-48-26; WL 88-16-06

Frequency Information

Aurora (KANE), IL - NL 41-48-26; WL 88-16-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.438-4.65 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
5.06-5.45 MHz	FX	3K00D1D	1000 kW (ERP)	0.002 %

This authorization effective October 16, 2020 and
will expire 3:00 A.M. EST November 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Aurora (KANE), IL - NL 41-48-26; WL 88-16-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.06-5.45 MHz	FX	6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
5.73-5.8 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
6.765-7 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
7.55-8.1 MHz	FX	3K00D1D 6K00D1D 8K00D1D	1000 kW (ERP)	0.002 %

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
7.55-8.1 MHz	FX	10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
9.04-9.3 MHz	FX	36K0D1D 48K0D1D 3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D	1000 kW (ERP)	0.002 %
10.15-11.175 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
11.4-11.5 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D	10001 kW (ERP)	0.002 %

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
11.4-11.5 MHz	FX	16K0D1D 24K0D1D 36K0D1D 48K0D1D	10001 kW (ERP)	0.002 %
12.1-12.23 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
14.35-14.99 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
15.9-16.36 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D	1000 kW (ERP)	0.002 %

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
15.9-16.36 MHz	FX	36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
18.168-18.78 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
20.01-21 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
23.35-24.89 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D	1000 kW (ERP)	0.002 %

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
23.35-24.89 MHz	FX	48K0D1D	1000 kW (ERP)	0.002 %

Aurora (KANE), IL - NL 41-48-26; WL 88-16-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.438-4.65 MHz	FX	3K00D1D	1000 kW (ERP)	0.002 %
		6K00D1D		
		8K00D1D		
		10K0D1D		
		12K0D1D		
		16K0D1D		
		24K0D1D		
		36K0D1D		
		48K0D1D		

5.06-5.45 MHz	FX		1000 kW (ERP)	0.002 %
		3K00D1D		
		6K00D1D		
		8K00D1D		
		10K0D1D		
		12K0D1D		
		16K0D1D		
		24K0D1D		
		36K0D1D		
		48K0D1D		

5.73-5.8 MHz	FX		1000 kW (ERP)	0.002 %
		3K00D1D		
		6K00D1D		
		8K00D1D		
		10K0D1D		

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5.73-5.8 MHz	FX	12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
6.765-7 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
7.55-8.1 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
9.04-9.3 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D	1000 kW (ERP)	0.002 %

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9.04-9.3 MHz	FX	24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
10.15-11.175 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
11.4-11.5 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	10001 kW (ERP)	0.002 %
12.1-12.23 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D	1000 kW (ERP)	0.002 %

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14.35-14.99 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
15.9-16.36 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
18.168-18.78 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D	1000 kW (ERP)	0.002 %

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
18.168-18.78 MHz	FX	48K0D1D	1000 kW (ERP)	0.002 %
20.01-21 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
23.35-24.89 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %

Aurora (KANE), IL - NL 41-48-26; WL 88-16-06

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4.438-4.65 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D	1000 kW (ERP)	0.002 %

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.438-4.65 MHz	FX	12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
5.06-5.45 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
5.73-5.8 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
6.765-7 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D	1000 kW (ERP)	0.002 %

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6.765-7 MHz	FX	24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
7.55-8.1 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
9.04-9.3 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
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12.1-12.23 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
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18.168-18.78 MHz	FX	3K00D1D 6K00D1D 8K00D1D 10K0D1D 12K0D1D 16K0D1D 24K0D1D 36K0D1D 48K0D1D	1000 kW (ERP)	0.002 %
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23.35-24.89 MHz	FX	3K00D1D	1000 kW (ERP)	0.002 %
		6K00D1D		
		8K00D1D		
		10K0D1D		
		12K0D1D		
		16K0D1D		
		24K0D1D		
		36K0D1D		
		48K0D1D		

Special Conditions:

- (1) All transmitting and/or receiving equipment used in the study shall be owned by the licensee.
- (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) 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.
- (5) This operation is not permitted for market trial or stock trading.
- (6) Non-approved equipment must be retrieved.
- (7) Non-approved equipment must be labeled.
- (8) The designated point-of-contact if interference occurs is Tim Boyle, email Regulatory@farsidecommunications.com