

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

EXPERIMENTAL

(Nature of Service)

XC FX

(Class of Station)

WH2XNR

(Call Sign)

0797-EX-PL-2014

(File Number)

NAME L3 Communications

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) Greenville (HUNT), TX - NL 33-04-22; WL 96-03-29

Frequency Information

Greenville (HUNT), TX - NL 33-04-22; WL 96-03-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2 MHz	FX	NON	500 W (ERP)	1 %
2.025 MHz	FX	NON	500 W (ERP)	1 %
2.05 MHz	FX	NON	500 W (ERP)	1 %
2.1 MHz	FX	NON	500 W (ERP)	1 %

This authorization effective January 07, 2015 and
will expire 3:00 A.M. EST January 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Greenville (HUNT), TX - NL 33-04-22; WL 96-03-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.125 MHz	FX	N0N	500 W (ERP)	1 %
2.15 MHz	FX	N0N	500 W (ERP)	1 %
2.175 MHz	FX	N0N	500 W (ERP)	1 %
2.225 MHz	FX	N0N	500 W (ERP)	1 %
2.25 MHz	FX	N0N N0N N0N	500 W (ERP)	1 %
2.275 MHz	FX	N0N	500 W (ERP)	1 %
2.325 MHz	FX	N0N	500 W (ERP)	1 %
2.35 MHz	FX	N0N	500 W (ERP)	1 %
2.4 MHz	FX	N0N	500 W (ERP)	1 %
2.425 MHz	FX	N0N	500 W (ERP)	1 %

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2.475 MHz	FX	N0N	500 W (ERP)	1 %
2.525 MHz	FX	N0N	500 W (ERP)	1 %
2.575 MHz	FX	N0N	500 W (ERP)	1 %
2.65 MHz	FX	N0N	500 W (ERP)	1 %
2.675 MHz	FX	N0N	500 W (ERP)	1 %
2.725 MHz	FX	N0N	500 W (ERP)	1 %
2.775 MHz	FX	N0N	500 W (ERP)	1 %
2.8 MHz	FX	N0N	500 W (ERP)	1 %
3.025 MHz	FX	N0N	500 W (ERP)	1 %
3.075 MHz	FX	N0N N0N	500 W (ERP)	1 %

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3.125 MHz	FX	N0N	500 W (ERP)	1 %
3.15 MHz	FX	N0N	500 W (ERP)	1 %
3.2 MHz	FX	N0N	500 W (ERP)	1 %
3.25 MHz	FX	N0N	500 W (ERP)	1 %
3.3 MHz	FX	N0N	500 W (ERP)	1 %
3.35 MHz	FX	N0N	500 W (ERP)	1 %
3.55 MHz	FX	N0N	500 W (ERP)	1 %
3.625 MHz	FX	N0N	500 W (ERP)	1 %
3.675 MHz	FX	N0N	500 W (ERP)	1 %
3.725 MHz	FX	N0N N0N	500 W (ERP)	1 %

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3.775 MHz	FX	N0N	500 W (ERP)	1 %
3.85 MHz	FX	N0N	500 W (ERP)	1 %
3.9 MHz	FX	N0N	500 W (ERP)	1 %
3.95 MHz	FX	N0N	500 W (ERP)	1 %
4 MHz	FX	N0N	500 W (ERP)	1 %
4.075 MHz	FX	N0N	500 W (ERP)	1 %
4.125 MHz	FX	N0N	500 W (ERP)	1 %
4.2 MHz	FX	N0N	500 W (ERP)	1 %
4.25 MHz	FX	N0N	500 W (ERP)	1 %
4.325 MHz	FX	N0N	500 W (ERP)	1 %

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
4.4 MHz	FX	N0N	500 W (ERP)	1 %
4.45 MHz	FX	N0N	500 W (ERP)	1 %
4.525 MHz	FX	N0N	500 W (ERP)	1 %
4.575 MHz	FX	N0N	500 W (ERP)	1 %
4.725 MHz	FX	N0N	500 W (ERP)	1 %
4.8 MHz	FX	N0N	500 W (ERP)	1 %
4.875 MHz	FX	N0N N0N	500 W (ERP)	1 %
4.95 MHz	FX	N0N	500 W (ERP)	1 %
5.025 MHz	FX	N0N	500 W (ERP)	1 %
5.1 MHz	FX	N0N	500 W (ERP)	1 %

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.175 MHz	FX	N0N N0N N0N	500 W (ERP)	1 %
5.25 MHz	FX	N0N	500 W (ERP)	1 %
5.325 MHz	FX	N0N	500 W (ERP)	1 %
5.4 MHz	FX	N0N	500 W (ERP)	1 %
5.725 MHz	FX	N0N N0N	500 W (ERP)	1 %
5.825 MHz	FX	N0N	500 W (ERP)	1 %
5.9 MHz	FX	N0N	500 W (ERP)	1 %
6 MHz	FX	N0N	500 W (ERP)	1 %
6.1 MHz	FX	N0N	500 W (ERP)	1 %

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
6.175 MHz	FX	N0N	500 W (ERP)	1 %
6.275 MHz	FX	N0N	500 W (ERP)	1 %
6.375 MHz	FX	N0N	500 W (ERP)	1 %
6.45 MHz	FX	N0N N0N	500 W (ERP)	1 %
6.75 MHz	FX	N0N	500 W (ERP)	1 %
6.85 MHz	FX	N0N	500 W (ERP)	1 %
6.95 MHz	FX	N0N	500 W (ERP)	1 %
7.05 MHz	FX	N0N	500 W (ERP)	1 %
7.175 MHz	FX	N0N	500 W (ERP)	1 %
7.3 MHz	FX	N0N	500 W (ERP)	1 %

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7.4 MHz	FX	N0N	500 W (ERP)	1 %
7.5 MHz	FX	N0N	500 W (ERP)	1 %
7.6 MHz	FX	N0N	500 W (ERP)	1 %
7.725 MHz	FX	N0N	500 W (ERP)	1 %
7.85 MHz	FX	N0N	500 W (ERP)	1 %
7.95 MHz	FX	N0N	500 W (ERP)	1 %
8.075 MHz	FX	N0N	500 W (ERP)	1 %
8.2 MHz	FX	N0N	500 W (ERP)	1 %
8.325 MHz	FX	N0N	500 W (ERP)	1 %
8.45 MHz	FX	N0N N0N	500 W (ERP)	1 %

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8.575 MHz	FX	N0N	500 W (ERP)	1 %
8.7 MHz	FX	N0N	500 W (ERP)	1 %
8.975 MHz	FX	N0N	500 W (ERP)	1 %
9.1 MHz	FX	N0N	500 W (ERP)	1 %
9.25 MHz	FX	N0N	500 W (ERP)	1 %
9.375 MHz	FX	N0N	500 W (ERP)	1 %
9.5 MHz	FX	N0N	500 W (ERP)	1 %
9.65 MHz	FX	N0N	500 W (ERP)	1 %
9.8 MHz	FX	N0N N0N	500 W (ERP)	1 %
9.95 MHz	FX	N0N	500 W (ERP)	1 %

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10.25 MHz	FX	N0N	500 W (ERP)	1 %
10.4 MHz	FX	N0N	500 W (ERP)	1 %
10.525 MHz	FX	N0N	500 W (ERP)	1 %
10.675 MHz	FX	N0N	500 W (ERP)	1 %
10.85 MHz	FX	N0N	500 W (ERP)	1 %
11.025 MHz	FX	N0N	500 W (ERP)	1 %
11.2 MHz	FX	N0N	500 W (ERP)	1 %
11.55 MHz	FX	N0N	500 W (ERP)	1 %
11.725 MHz	FX	N0N	500 W (ERP)	1 %
11.9 MHz	FX	N0N	500 W (ERP)	1 %

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12.075 MHz	FX	N0N	500 W (ERP)	1 %
12.25 MHz	FX	N0N	500 W (ERP)	1 %
12.45 MHz	FX	N0N	500 W (ERP)	1 %
12.625 MHz	FX	N0N	500 W (ERP)	1 %
12.825 MHz	FX	N0N	500 W (ERP)	1 %
13 MHz	FX	N0N	500 W (ERP)	1 %
13.2 MHz	FX	N0N	500 W (ERP)	1 %
13.4 MHz	FX	N0N	500 W (ERP)	1 %
13.6 MHz	FX	N0N	500 W (ERP)	1 %
13.8 MHz	FX	N0N	500 W (ERP)	1 %

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
14.025 MHz	FX	N0N	500 W (ERP)	1 %
14.225 MHz	FX	N0N	500 W (ERP)	1 %
14.45 MHz	FX	N0N	500 W (ERP)	1 %
14.65 MHz	FX	N0N N0N	500 W (ERP)	1 %
14.875 MHz	FX	N0N	500 W (ERP)	1 %
15.1 MHz	FX	N0N	500 W (ERP)	1 %
15.325 MHz	FX	N0N	500 W (ERP)	1 %
15.55 MHz	FX	N0N	500 W (ERP)	1 %
15.8 MHz	FX	N0N	500 W (ERP)	1 %
16.025 MHz	FX	N0N	500 W (ERP)	1 %

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
16.275 MHz	FX	N0N	500 W (ERP)	1 %
16.5 MHz	FX	N0N	500 W (ERP)	1 %
16.75 MHz	FX	N0N	500 W (ERP)	1 %
17 MHz	FX	N0N	500 W (ERP)	1 %
17.275 MHz	FX	N0N	500 W (ERP)	1 %
17.525 MHz	FX	N0N	500 W (ERP)	1 %
17.775 MHz	FX	N0N	500 W (ERP)	1 %
18.05 MHz	FX	N0N	500 W (ERP)	1 %
18.325 MHz	FX	N0N	500 W (ERP)	1 %
18.6 MHz	FX	N0N	500 W (ERP)	1 %

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
18.875 MHz	FX	N0N	500 W (ERP)	1 %
19.15 MHz	FX	N0N	500 W (ERP)	1 %
19.45 MHz	FX	N0N	500 W (ERP)	1 %
19.75 MHz	FX	N0N	500 W (ERP)	1 %
20.025 MHz	FX	N0N	500 W (ERP)	1 %
20.325 MHz	FX	N0N	500 W (ERP)	1 %
20.65 MHz	FX	N0N	500 W (ERP)	1 %
20.95 MHz	FX	N0N	500 W (ERP)	1 %
21.275 MHz	FX	N0N	500 W (ERP)	1 %
21.575 MHz	FX	N0N	500 W (ERP)	1 %

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
21.9 MHz	FX	N0N	500 W (ERP)	1 %
22.225 MHz	FX	N0N	500 W (ERP)	1 %
22.575 MHz	FX	N0N	500 W (ERP)	1 %
22.9 MHz	FX	N0N	500 W (ERP)	1 %
23.25 MHz	FX	N0N	500 W (ERP)	1 %
23.6 MHz	FX	N0N	500 W (ERP)	1 %
23.95 MHz	FX	N0N	500 W (ERP)	1 %
24.3 MHz	FX	N0N	500 W (ERP)	1 %
24.675 MHz	FX	N0N	500 W (ERP)	1 %
25.05 MHz	FX	N0N	500 W (ERP)	1 %
25.8 MHz	FX	N0N	500 W (ERP)	1 %

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
25.8 MHz	FX	N0N	500 W (ERP)	1 %
26.2 MHz	FX	N0N	500 W (ERP)	1 %
26.575 MHz	FX	N0N N0N N0N N0N N0N	500 W (ERP)	1 %
26.975 MHz	FX	N0N	500 W (ERP)	1 %
27.4 MHz	FX	N0N N0N	500 W (ERP)	1 %
27.8 MHz	FX	N0N	500 W (ERP)	1 %
28.225 MHz	FX	N0N	500 W (ERP)	1 %
28.65 MHz	FX	N0N N0N	500 W (ERP)	1 %
29.075 MHz	FX	N0N	500 W (ERP)	1 %

Frequency Information

Greenville (HUNT), TX - NL 33-04-22; WL 96-03-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
29.5 MHz	FX	NON	500 W (ERP)	1 %
		NON		
		NON		
		NON		
		NON		
29.95 MHz	FX	NON	500 W (ERP)	1 %
		NON		

Special Conditions:

- (1) 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.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) Operation in frequencies 25.8 MHz and 26.2 MHz is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (4) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government; contract number 1G16384.01.01.02. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (5) Operations are not permitted in the following frequencies (MHz): 2.85, 2.9, 2.925, 2.975, 3.4, 3.45, 3.5, 4.65, 5.475, 5.575, 5.65, 6.55, 6.65, 8.825, 10.1, and 11.375.