

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

EXPERIMENTAL

(Nature of Service)

WF2XQZ

(Call Sign)

XR      FX

(Class of Station)

0021-EX-ML-2012

(File Number)

NAME Carlson Wireless Technologies, 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(i) of the Commission's Rules

Station Locations

- (1) Klamath (DEL NORTE), CA - NL 41-33-09; WL 124-04-23
- (2) Klamath (DEL NORTE), CA - NL 41-30-48; WL 123-59-10
- (3) Klamath (HUMBOLDT), CA - NL 41-11-07; WL 123-42-22
- (4) Klamath (DEL NORTE), CA - NL 41-30-48; WL 123-59-10
- (5) Klamath (DEL NORTE), CA - NL 41-33-09; WL 123-04-24
- (6) Klamath (DEL NORTE), CA - NL 41-17-59; WL 123-50-33

Frequency Information

Klamath (DEL NORTE), CA - NL 41-33-09; WL 124-04-23

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 174-216 MHz | FX            | 5M00F1D             | 2 W (ERP)        |                           |
| 470-698 MHz | FX            | 6M00F1D             | 4 W (ERP)        |                           |
| 758-770 MHz | FX            | 6M00F1D             | 4 W (ERP)        |                           |

This authorization effective February 23, 2012 and  
will expire 3:00 A.M. EST February 01, 2013

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Klamath (DEL NORTE), CA - NL 41-30-48; WL 123-59-10

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 174-216 MHz | FX            | 5M00F1D             | 2 W (ERP)        |                           |
| 470-698 MHz | FX            | 5M00F1D             | 2 W (ERP)        |                           |
| 758-770 MHz | FX            | 6M00F1D             | 4 W (ERP)        |                           |

Klamath (HUMBOLDT), CA - NL 41-11-07; WL 123-42-22

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 174-216 MHz | FX            | 5M00F1D             | 2 W (ERP)        |                           |
| 470-698 MHz | FX            | 5M00F1D             | 2 W (ERP)        |                           |
| 758-770 MHz | FX            | 6M00F1D             | 4 W (ERP)        |                           |

Klamath (DEL NORTE), CA - NL 41-30-48; WL 123-59-10

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 174-216 MHz | FX            | 6M00F1D             | 4 W (ERP)        |                           |

## Frequency Information

Klamath (DEL NORTE), CA - NL 41-30-48; WL 123-59-10

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 470-698 MHz | FX            | 6M00F1D             | 4 W (ERP)        |                           |
| 758-770 MHz | FX            | 6M00F1D             | 4 W (ERP)        |                           |

Klamath (DEL NORTE), CA - NL 41-33-09; WL 123-04-24

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 174-216 MHz | FX            | 6M00F1D             | 4 W (ERP)        |                           |
| 470-698 MHz | FX            | 6M00F1D             | 4 W (ERP)        |                           |
| 758-770 MHz | FX            | 6M00F1D             | 4 W (ERP)        |                           |

Klamath (DEL NORTE), CA - NL 41-17-59; WL 123-50-33

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 174-216 MHz | FX            | 6M00F1D             | 4 W (ERP)        |                           |
| 470-698 MHz | FX            | 6M00F1D             | 4 W (ERP)        |                           |

## Frequency Information

Klamath (DEL NORTE), CA - NL 41-17-59; WL 123-50-33

| Frequency   | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|-------------|---------------|---------------------|------------------|---------------------------|
| 758-770 MHz | FX            | 6M00F1D             | 4 W (ERP)        |                           |

## Special Conditions:

- (1) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, [executivedir@sbe.org](mailto:executivedir@sbe.org); information, [www.sbe.org](http://www.sbe.org).
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) 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.
- (4) Licensee must notch out 608-614 MHz.