

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

EXPERIMENTAL

(Nature of Service)

WF2XXH

(Call Sign)

XD MO

(Class of Station)

0064-EX-ML-2014

(File Number)

NAME Sierra Nevada Corporation

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(j) of the Commission's Rules

Station Locations

- (1) MOBILE: Sparks, NV, within 25 km, centered around NL 39-32-00; WL 119-42-04
- (2) MOBILE: Reno, NV - Near the Stead Airport, within 25 km, centered around NL 39-40-02; WL 119-52-32
- (3) MOBILE: Irvine, CA, within 25 km, centered around NL 33-39-09; WL 117-43-57
- (4) MOBILE: Signal Hill, CA - Near the Long Beach Airport, CA, within 25 km, centered around NL 33-48-05; WL 118-09-43
- (5) MOBILE: Reno, NV - Reno Airport., within 180 km, centered around NL 39-28-25; WL 119-45-33
- (6) MOBILE: Salt Lake City - Salt Lake City Airport., within 180 km, centered around NL 40-47-18; WL 111-58-40
- (7) MOBILE: Grand Junction Airport, within 180 km, centered around NL 39-07-21; WL 108-31-36
- (8) MOBILE: Los Angeles Airport, within 180 km, centered around NL 33-56-33; WL 118-24-29
- (9) MOBILE: Denver International Airport, within 180 km, centered around NL 39-51-42; WL 104-40-23
- (10) MOBILE: Memphis Airport, within 180 km, centered around NL 35-02-33; WL 89-58-36
- (11) MOBILE: Savannah Airport, within 180 km, centered around NL 32-07-39; WL 81-12-08
- (12) MOBILE: Eugene Airport, within 200 km, centered around NL 44-07-29; WL 123-12-43
- (13) MOBILE: Continental United States (CONUS): max altitude 14000ft AGL

This authorization effective May 19, 2014 and
will expire 3:00 A.M. EST August 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Sparks, NV, within 25 km, centered around NL 39-32-00; WL 119-42-04

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
94 GHz	MO	200MF3N	5 kW (ERP)	

MOBILE: Reno, NV - Near the Stead Airport, within 25 km, centered around NL 39-40-02; WL 119-52-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
94 GHz	MO	200MF3N	5 kW (ERP)	

MOBILE: Irvine, CA, within 25 km, centered around NL 33-39-09; WL 117-43-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
94 GHz	MO	200MF3N	5 kW (ERP)	

MOBILE: Signal Hill, CA - Near the Long Beach Airport, CA, within 25 km, centered around NL 33-48-05; WL 118-09-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
94 GHz	MO	200MF3N	5 kW (ERP)	

Frequency Information

MOBILE: Reno, NV - Reno Airport., within 180 km, centered around NL 39-28-25; WL 119-45-33

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
94 GHz	MO	200MF3N	5 kW (ERP)	

MOBILE: Salt Lake City - Salt Lake City Airport., within 180 km, centered around NL 40-47-18; WL 111-58-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
94 GHz	MO	200MF3N	5 kW (ERP)	

MOBILE: Grand Junction Airport, within 180 km, centered around NL 39-07-21; WL 108-31-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
94 GHz	MO	200MF3N	5 kW (ERP)	

MOBILE: Los Angeles Airport, within 180 km, centered around NL 33-56-33; WL 118-24-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
94 GHz	MO	200MF3N	5 kW (ERP)	

Frequency Information

MOBILE: Denver International Airport, within 180 km, centered around NL 39-51-42; WL 104-40-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
94 GHz	MO	200MF3N	5 kW (ERP)	

MOBILE: Memphis Airport, within 180 km, centered around NL 35-02-33; WL 89-58-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
94 GHz	MO	200MF3N	5 kW (ERP)	

MOBILE: Savannah Airport, within 180 km, centered around NL 32-07-39; WL 81-12-08

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
94 GHz	MO	200MF3N	5 kW (ERP)	

MOBILE: Eugene Airport, within 200 km, centered around NL 44-07-29; WL 123-12-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
94 GHz	MO	200MF3N	5 kW (ERP)	

Frequency Information

MOBILE: Continental United States (CONUS): max altitude 14000ft AGL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
94 GHz	MO	200MF3N	5 kW (ERP)	

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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) Licensee shall comply with the coordination requirements of Part 101.1523 of the Commission's Rules.
- (4) The designated point-of-contact to terminate transmissions if interference occurs is Ms. Cindy Mahan at 602-370-2214 cell or at (775) 849-6317 office.