

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WH2XHP

(Call Sign)

0233-EX-RR-2016

(File Number)

NAME Higher Ground 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(j) of the Commission's Rules

Station Locations

- (1) MOBILE: Palo Alto, CA area, within 250 km, centered around NL 37-26-09; WL 122-08-38
- (2) MOBILE: Jackson, CA area, within 16.09 km, centered around NL 38-23-49; WL 120-42-39
- (3) MOBILE: Sierra Nevada Mts, CA area, within 250 km, centered around NL 37-53-59; WL 119-14-27
- (4) MOBILE: Las Vegas, NV area, within 16.09 km, centered around NL 36-07-37; WL 115-09-57
- (5) MOBILE: Washington, DC area, within 200 km, centered around NL 38-59-03; WL 77-04-00
- (6) MOBILE: White Bird, IA area, within 40 km, centered around NL 45-45-41; WL 116-17-59
- (7) MOBILE: Anchorage, AK area, within 100 km, centered around NL 61-13-12; WL 149-59-24
- (8) MOBILE: New York, NY area, within 75 km, centered around NL 40-44-54; WL 73-59-09

This authorization effective July 01, 2016 and
will expire 3:00 A.M. EST July 01, 2018

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Palo Alto, CA area, within 250 km, centered around NL 37-26-09; WL 122-08-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-5930 MHz	MO	5M00G1D	10 W (ERP)	1.0E-6 %
5935-5945 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %
5955-5965 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %
5975-5985 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %
5995-6005 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %

MOBILE: Jackson, CA area, within 16.09 km, centered around NL 38-23-49; WL 120-42-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-5930 MHz	MO	5M00G1D	10 W (ERP)	1.0E-6 %
5935-5945 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %
5955-5965 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %
5975-5985 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %

Frequency Information

MOBILE: Jackson, CA area, within 16.09 km, centered around NL 38-23-49; WL 120-42-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5995-6005 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %

MOBILE: Sierra Nevada Mts, CA area, within 250 km, centered around NL 37-53-59; WL 119-14-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-5930 MHz	MO	5M00G1D	10 W (ERP)	1.0E-6 %
5935-5945 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %
5955-5965 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %
5975-5985 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %
5995-6005 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %

MOBILE: Las Vegas, NV area, within 16.09 km, centered around NL 36-07-37; WL 115-09-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-5930 MHz	MO	5M00G1D	10 W (ERP)	1.0E-6 %

Frequency Information

MOBILE: Las Vegas, NV area, within 16.09 km, centered around NL 36-07-37; WL 115-09-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5935-5945 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %
5955-5965 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %
5975-5985 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %
5995-6005 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %

MOBILE: Washington, DC area, within 200 km, centered around NL 38-59-03; WL 77-04-00

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-5930 MHz	MO	5M00G1D	10 W (ERP)	1.0E-6 %
5935-5945 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %
5955-5965 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %
5975-5985 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %
5995-6005 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %

Frequency Information

MOBILE: White Bird, IA area, within 40 km, centered around NL 45-45-41; WL 116-17-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-5930 MHz	MO	5M00G1D	10 W (ERP)	1.0E-6 %
5935-5945 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %
5955-5965 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %
5975-5985 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %
5995-6005 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %

MOBILE: Anchorage, AK area, within 100 km, centered around NL 61-13-12; WL 149-59-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-5930 MHz	MO	5M00G1D	10 W (ERP)	1.0E-6 %
5935-5945 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %
5955-5965 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %
5975-5985 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %

Frequency Information

MOBILE: Anchorage, AK area, within 100 km, centered around NL 61-13-12; WL 149-59-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5995-6005 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %

MOBILE: New York, NY area, within 75 km, centered around NL 40-44-54; WL 73-59-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-5930 MHz	MO	5M00G1D	10 W (ERP)	1.0E-6 %
5935-5945 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %
5955-5965 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %
5975-5985 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %
5995-6005 MHz	MO	10M0G1D	10 W (ERP)	1.0E-6 %

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) Higher Ground shall provide notice of its intent to operate SatPaq devices to nearby point-to-point operational fixed licensees, operational fixed applicants operating pursuant to pre-authorization construction, and temporary fixed licensees. Such notification will include a 24/7 point-of-contact with capability to control SatPaq operations.