

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WH2XOL

(Call Sign)

0218-EX-ML-2015

(File Number)

NAME FreeWave 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(h) of the Commission's Rules

Station Locations

- (1) Boulder (BOULDER), CO - NL 40-01-36; WL 105-13-40
- (2) Boulder (BOULDER), CO - NL 40-00-43; WL 105-11-18
- (3) Boulder (BOULDER), CO - NL 40-00-43; WL 105-11-18
- (4) Erie (BOULDER), CO - NL 40-01-44; WL 105-01-13
- (5) Boulder (BOULDER), CO - NL 40-00-43; WL 105-11-18

Frequency Information

Boulder (BOULDER), CO - NL 40-01-36; WL 105-13-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	50K0D7W	4 W (ERP)	
924.5-927.5 MHz	FX	50K0G9W 50K0D7W	3.84 W (ERP)	
928-960 MHz	FX	50K0G9W	19.2 W (ERP)	

This authorization effective November 15, 2015 and
will expire 3:00 A.M. EST February 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Boulder (BOULDER), CO - NL 40-01-36; WL 105-13-40

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
928-960 MHz	FX	50K0D7W	19.2 W (ERP)	

Boulder (BOULDER), CO - NL 40-00-43; WL 105-11-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	50K0D7W	4 W (ERP)	
925.5-927.5 MHz	FX	50K0G9W 50K0D7W	4 W (ERP)	
928-960 MHz	FX	50K0G9W 50K0D7W 50K0D7W	19.2 W (ERP)	

Boulder (BOULDER), CO - NL 40-00-43; WL 105-11-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	50K0D7W	4 W (ERP)	
928-960 MHz	FX	50K0G9W 50K0D7W	19.2 W (ERP)	

Frequency Information

Erie (BOULDER), CO - NL 40-01-44; WL 105-01-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	50K0D7W	4 W (ERP)	
928-960 MHz	FX	50K0G9W 50K0D7W	19.2 W (ERP)	

Boulder (BOULDER), CO - NL 40-00-43; WL 105-11-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	FX	50K0D7W	4 W (ERP)	
925.5-927.5 MHz	FX	50K0G9W 50K0D7W	4 W (ERP)	
928-960 MHz	FX	50K0G9W 50K0D7W	19.2 W (ERP)	

Special Conditions:

- (1) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (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) Stop buzzers, Dean Busch 720-308-5433, Yan Zhang 425-829-8767, Steve McMeekin 720-315-4862 and Jeff Battin 303-381-9211.

Special Conditions:

- (5) Operation is subject to prior coordination with the local Society Broadcast Engineer frequency coordinator and the Fixed Microwave Service licensees in each proposed area.