

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WG9XUD

(Call Sign)

XT FX MO

(Class of Station)

1072-EX-ST-2013

(File Number)

NAME PureWave Networks Inc

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Testing LTE equipment.

PureWave is a manufacturer of telecommunications equipment.

Station Locations

- (1) Santa Clara (SANTA CLARA), CA - NL 37-23-22; WL 121-57-34; MOBILE: Santa Clara, CA, within 30 km, centered around NL 37-23-22; WL 121-57-34
- (2) Santa Clara (SANTA CLARA), CA - NL 37-22-54; WL 121-57-31
- (3) Santa Clara (SANTA CLARA), CA - NL 37-22-49; WL 121-58-20

Frequency Information

Santa Clara (SANTA CLARA), CA - NL 37-23-22; WL 121-57-34; MOBILE: Santa Clara, CA, within 30 km, centered around N

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	160 W (ERP)	
758-768 MHz	MO	10M0F9W	400 mW (ERP)	

This authorization effective January 01, 2014 and
will expire 3:00 A.M. EST July 01, 2014

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Santa Clara (SANTA CLARA), CA - NL 37-23-22; WL 121-57-34; MOBILE: Santa Clara, CA, within 30 km, centered around N

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
788-798 MHz	FX	10M0F9W	160 W (ERP)	
788-798 MHz	MO	10M0F9W	400 mW (ERP)	

Santa Clara (SANTA CLARA), CA - NL 37-22-54; WL 121-57-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	160 W (ERP)	

Santa Clara (SANTA CLARA), CA - NL 37-22-49; WL 121-58-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
758-768 MHz	FX	10M0F9W	160 W (ERP)	

Special Conditions:

- (1) Operation will be confined to three sites in Santa Clara, California. PureWave would test three temporary base stations, together with a small number of end user or vehicular devices, all within a 30-mile radius of each site.
- (2) PureWave requests authority from the FCC to operate over the 758-768/788-798 MHz bands, which are currently licensed on a nationwide basis to FirstNet.
- (3) Operation will occur no longer than 180 days from the date on which the FCC grants PureWave an Experimental STA, allowing time during that period for setup and testing, demonstrations, and teardown.

Special Conditions:

- (4) PureWave has analyzed information in the FCC's license databases and states that the proposed operation would not interfere or create a significant potential for harmful interference with any public safety operations in the 700 MHz band.
- (5) Operation of the experimental ST A will not be used in mission-critical operations or in the delivery of live transmissions in duties to protect life, property, or safety. Operations will be confined to a 30-mile radius of each base station location.
- (6) PureWave has coordinated with Bay Area Regional Interoperable Communications Systems Authority (BayRics). BayRics has submitted a letter confirming that continuation of the PureWave Experimental STA will not interfere with any planned early deployment in the area.
- (7) This Experimental STA is non-renewable and any Experimental STA use of radio frequencies licensed to FirstNet beyond the 180-day period to which this application refers must be made by a separate request for such use by PureWave.
- (8) PureWave understands that an experimental license only permits shared use of the subject radio frequencies and that it may have to coordinate with other entities licensed for experimental purposes.