

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WH9XZW

(Call Sign)

0923-EX-ST-2014

(File Number)

NAME Google 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 of radios in a way that is likely to contribute to the development, extension, expansion, or utilization of the radio art.

Station Locations

- (1) San Mateo County, CA - NL 37-20-40; WL 122-12-56
- (2) Mountain View, CA - NL 37-25-03; WL 122-04-39
- (3) Mountain View, CA - NL 37-25-33; WL 122-04-20

Frequency Information

San Mateo County, CA - NL 37-20-40; WL 122-12-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5775-5825 MHz	FX	10H0N0N	97 W (ERP)	
24199.88-24200.12 MHz	FX	10H0N0N	768 W (ERP)	

This authorization effective November 13, 2014 and
will expire 3:00 A.M. EST May 13, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

San Mateo County, CA - NL 37-20-40; WL 122-12-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
72500-72550 MHz	FX	10H0N0N	9.7 kW (ERP)	
82500-82550 MHz	FX	10H0N0N	9.7 kW (ERP)	

Mountain View, CA - NL 37-25-03; WL 122-04-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
72500-72550 MHz	FX	10H0N0N	9.7 kW (ERP)	
82500-82550 MHz	FX	10H0N0N	9.7 kW (ERP)	

Mountain View, CA - NL 37-25-33; WL 122-04-20

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
72500-72550 MHz	FX	10H0N0N	9.7 kW (ERP)	
82500-82550 MHz	FX	10H0N0N	9.7 kW (ERP)	

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) National Science Foundation (NSF) will require further coordination if the STA progresses beyond the testing phase in the 81 - 86 GHz band.

Special Conditions:

- (3) Google Inc. shall prior coordinate with the third party database manager prior to operation to protect the 72,500-72,550 MHz band and 82,500-82,550 MHz band.