

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

EXPERIMENTAL

(Nature of Service)

WJ9XHI

(Call Sign)

XT FX MO

(Class of Station)

0977-EX-ST-2016

(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:

STA extension will enable continued 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) Mountain View (SANTA CLARA), CA - NL 37-24-53; WL 122-02-36
- (2) Mountain View (SANTA CLARA), CA - NL 37-25-02; WL 122-02-41
- (3) Mountain View (SANTA CLARA), CA - NL 37-25-32; WL 122-04-22
- (4) Portola Valley (SAN MATEO), CA - NL 37-20-41; WL 122-12-56
- (5) MOBILE: Straight line between 37°25'27"N, 122°3'16"W and 37°25'4"N, 122°3'4"W
- (6) Mountain View (SANTA CLARA), CA - NL 37-24-51; WL 122-02-36
- (7) Mountain View (SANTA CLARA), CA - NL 37-25-04; WL 122-02-41
- (8) Mountain View (SANTA CLARA), CA - NL 37-25-33; WL 122-04-22
- (9) Portola Valley (SAN MATEO), CA - NL 37-20-41; WL 122-12-56
- (10) Mountain View (SANTA CLARA), CA - NL 37-25-33; WL 122-04-19

Frequency Information

Mountain View (SANTA CLARA), CA - NL 37-24-53; WL 122-02-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
72000-74000 MHz	FX	100HK0N	577.0948 W (ERP)	

This authorization effective July 06, 2016 and
will expire 3:00 A.M. EST January 03, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Mountain View (SANTA CLARA), CA - NL 37-24-53; WL 122-02-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
72000-74000 MHz	FX	2G00G2D	577.0948 W (ERP)	

Mountain View (SANTA CLARA), CA - NL 37-25-02; WL 122-02-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
72000-74000 MHz	FX	100HK0N 2G00G2D	577.0948 W (ERP)	

Mountain View (SANTA CLARA), CA - NL 37-25-32; WL 122-04-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
72000-74000 MHz	FX	100HK0N 2G00G2D	577.0948 W (ERP)	

Portola Valley (SAN MATEO), CA - NL 37-20-41; WL 122-12-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
72000-74000 MHz	FX	100HK0N 2G00G2D	577.0948 W (ERP)	

Frequency Information

MOBILE: Straight line between 37°25'27"N, 122°3'16"W and 37°25'4"N, 122°3'4"W

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
72000-74000 MHz	MO	100HK0N 2G00G2D	577.0948 W (ERP)	

Mountain View (SANTA CLARA), CA - NL 37-24-51; WL 122-02-36

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
82000-84000 MHz	FX	100HK0N 2G00G2D	2297.4557 W (ERP)	

Mountain View (SANTA CLARA), CA - NL 37-25-04; WL 122-02-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
82000-84000 MHz	FX	100HK0N 2G00G2D	2297.4557 W (ERP)	

Mountain View (SANTA CLARA), CA - NL 37-25-33; WL 122-04-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
82000-84000 MHz	FX	100HK0N 2G00G2D	2297.4557 W (ERP)	

Frequency Information

Portola Valley (SAN MATEO), CA - NL 37-20-41; WL 122-12-56

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
82000-84000 MHz	FX	100HK0N 2G00G2D	2297.4557 W (ERP)	

Mountain View (SANTA CLARA), CA - NL 37-25-33; WL 122-04-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
82000-84000 MHz	FX	100HK0N 2G00G2D	2297.4557 W (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) Google must coordinate with the existing 71-76 GHz and 81-86 GHz users at each location prior to conducting the experimental operations.