

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

EXPERIMENTAL

(Nature of Service)

WF9XLG

(Call Sign)

XD MO

(Class of Station)

0798-EX-ST-2011

(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 throughput and stability of home WiFi networks using an entertainment device.

Station Locations

- (1) MOBILE: Mountain View, CA, within 121 km, centered around NL 37-25-17; WL 122-05-07
- (2) MOBILE: Los Angeles, CA, within 121 km, centered around NL 33-59-43; WL 118-28-37
- (3) MOBILE: Cambridge, MA, within 121 km, centered around NL 42-21-46; WL 71-05-17
- (4) MOBILE: New York, NY, within 121 km, centered around NL 40-44-31; WL 74-00-16

Frequency Information

MOBILE: Mountain View, CA, within 121 km, centered around NL 37-25-17; WL 122-05-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2400-2483 MHz	MO	G1D	316 mW (ERP)	
5180-5825 MHz	MO	G1D	316 mW (ERP)	

This authorization effective February 02, 2012 and
will expire 3:00 A.M. EST August 02, 2012

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Los Angeles, CA, within 121 km, centered around NL 33-59-43; WL 118-28-37

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2400-2483 MHz	MO	G1D	316 mW (ERP)	
5180-5825 MHz	MO	G1D	316 mW (ERP)	

MOBILE: Cambridge, MA, within 121 km, centered around NL 42-21-46; WL 71-05-17

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2400-2483 MHz	MO	G1D	316 mW (ERP)	
5180-5825 MHz	MO	G1D	316 mW (ERP)	

MOBILE: New York, NY, within 121 km, centered around NL 40-44-31; WL 74-00-16

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2400-2483 MHz	MO	G1D	316 mW (ERP)	
5180-5825 MHz	MO	G1D	316 mW (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) The devices used under this authorization are not, and may not be, offered for sale or lease, or sold or leased, until equipment authorization is obtained.