

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WH2XVU

(Call Sign)

0049-EX-TC-2015

(File Number)

NAME Google 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(a & j) of the Commission's Rules

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)	
72500-72550 MHz	FX	10H0N0N	9.7 kW (ERP)	
82500-82550 MHz	FX	10H0N0N	9.7 kW (ERP)	

This authorization effective June 23, 2016 and
will expire 3:00 A.M. EST July 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) National Science Foundation (NSF) will require further coordination if the STA progresses beyond the testing phase in the 81 - 86 GHz band.
- (4) 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.