

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WI2XFG

(Call Sign)

0052-EX-TC-2017

(File Number)

NAME Google LLC

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) Kansas City, KS - NL 39-02-45; WL 94-39-37; MOBILE: Transportable FX, within 30 km, centered around NL 39-02-45; WL 94-39-37

Frequency Information

Kansas City, KS - NL 39-02-45; WL 94-39-37; MOBILE: Transportable FX, within 30 km, centered around NL 39-02-45; WL 94

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3700 MHz	FX	80M0W7D 80M0F9W 80M0G7D 80M0G7W	392 W (ERP)	
3400-3700 MHz	FX	60M0W7D 60M0F9W 60M0G7D 60M0GXW	294 W (ERP)	
3400-3700 MHz	FX	40M0W7D	196 W (ERP)	

This authorization effective September 21, 2017 and
will expire 3:00 A.M. EST April 01, 2018

**FEDERAL
COMMUNICATIONS
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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3700 MHz	FX	40M0F9W 40M0G7D 40M0GXW	196 W (ERP)	
3400-3700 MHz	FX	20M0W7D 20M0F9W 20M0G7D 20M0GXW	98 W (ERP)	
3400-3700 MHz	FX	10M0W7D 10M0F9W 10M0G7D 10M0GXW	49 W (ERP)	
3400-3700 MHz	FX	2M00P0N 5M00Q7N 10M0Q7N 20M0Q7N	98 W (ERP)	
3400-3700 MHz	FX	10H0N0N	31 kW (ERP)	

Special Conditions:

- (1) Licensee should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee of this authorization will be subject to immediate shut down.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) Prior to operation, licensee must coordinate with Part 25 stations authorized to operate in these frequency bands that are located within a within a 40 km radius of the transmitter.

Special Conditions:

- (4) Licensee shall maintain separation from the grandfathered earth stations as defined in Part 90, subpart Z, or coordinate an agreement with the grandfathered earth station licensees prior to operation in 3650-3700 MHz band.
- (5) Licensee shall ensure that the operations will not cause harmful interference to any existing registered stations in 3650-3700 MHz, and notify the registered users in the proposed areas prior to operation in 3650-3700 MHz band.
- (6) Google needs to notify participating researchers using the devices of circumstances under which interference may occur.
- (7) All of the experimental devices will be under the control of Google and they will either be retrieved by Google from the participants upon completion of the experiment or otherwise disabled upon completion of the experiment.
- (8) Google will maintain and manage a process or system that tracks the assignment of each device, its purpose of use, and will ensure that devices are recoverable from end users. Within 60 days upon completion of experiment or cancellation of license Google will recover all devices and provide a report to the FCC to this effect.