

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

EXPERIMENTAL

(Nature of Service)

WL9XFJ

(Call Sign)

XT      FX MO

(Class of Station)

0057-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.

Station Locations

- (1) Bristol, TN - NL 36-30-57; WL 82-15-25; MOBILE: Transportable FX, within 3 km, centered around NL 36-30-57; WL 82-15-25
- (2) Brooklyn, MI - NL 42-04-01; WL 84-14-27; MOBILE: Transportable FX, within 3 km, centered around NL 42-04-01; WL 84-14-27
- (3) Darlington, SC - NL 34-17-43; WL 79-54-21; MOBILE: Transportable FX, within 3 km, centered around NL 34-17-43; WL 79-54-21
- (4) Richmond, VA - NL 37-35-33; WL 77-25-10; MOBILE: Transportable FX, within 3 km, centered around NL 37-35-33; WL 77-25-10
- (5) MOBILE: Bristol, TN, within 3 km, centered around NL 36-30-57; WL 82-15-25
- (6) MOBILE: Brooklyn, MI, within 3 km, centered around NL 42-04-01; WL 84-14-27
- (7) MOBILE: Darlington, SC, within 3 km, centered around NL 34-17-43; WL 79-54-21
- (8) MOBILE: Richmond, VA, within 3 km, centered around NL 37-35-33; WL 77-25-10

Frequency Information

Bristol, TN - NL 36-30-57; WL 82-15-25; MOBILE: Transportable FX, within 3 km, centered around NL 36-30-57; WL 82-15-25

|               |               |                     |                  |                           |
|---------------|---------------|---------------------|------------------|---------------------------|
| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
| 3400-3600 MHz | FX            | 80M0W7D             | 0.976 kW (ERP)   |                           |

This authorization effective September 21, 2017 and  
will expire 3:00 A.M. EST November 25, 2017

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Bristol, TN - NL 36-30-57; WL 82-15-25; MOBILE: Transportable FX, within 3 km, centered around NL 36-30-57; WL 82-15-25

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3400-3600 MHz | FX            | 10M0W7D             | 0.122 kW (ERP)   |                           |
| 3400-3600 MHz | FX            | 20M0W7D             | 0.244 kW (ERP)   |                           |
| 3400-3600 MHz | FX            | 40M0W7D             | 0.487 kW (ERP)   |                           |

Brooklyn, MI - NL 42-04-01; WL 84-14-27; MOBILE: Transportable FX, within 3 km, centered around NL 42-04-01; WL 84-14-

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3400-3600 MHz | FX            | 40M0W7D             | 0.487 kW (ERP)   |                           |
| 3400-3600 MHz | FX            | 80M0W7D             | 0.976 kW (ERP)   |                           |
| 3400-3600 MHz | FX            | 10M0W7D             | 0.122 kW (ERP)   |                           |
| 3400-3600 MHz | FX            | 20M0W7D             | 0.244 kW (ERP)   |                           |

## Frequency Information

Darlington, SC - NL 34-17-43; WL 79-54-21; MOBILE: Transportable FX, within 3 km, centered around NL 34-17-43; WL 79-5

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3400-3600 MHz | FX            | 10M0W7D             | 0.122 kW (ERP)   |                           |
| 3400-3600 MHz | FX            | 20M0W7D             | 0.244 kW (ERP)   |                           |
| 3400-3600 MHz | FX            | 40M0W7D             | 0.487 kW (ERP)   |                           |
| 3400-3600 MHz | FX            | 80M0W7D             | 0.976 kW (ERP)   |                           |

Richmond, VA - NL 37-35-33; WL 77-25-10; MOBILE: Transportable FX, within 3 km, centered around NL 37-35-33; WL 77-25

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3400-3600 MHz | FX            | 10M0W7D             | 0.122 kW (ERP)   |                           |
| 3400-3600 MHz | FX            | 20M0W7D             | 0.244 kW (ERP)   |                           |
| 3400-3600 MHz | FX            | 40M0W7D             | 0.487 kW (ERP)   |                           |
| 3400-3600 MHz | FX            | 80M0W7D             | 0.976 kW (ERP)   |                           |

## Frequency Information

MOBILE: Bristol, TN, within 3 km, centered around NL 36-30-57; WL 82-15-25

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3400-3600 MHz | MO            | 80M0F9W             | 0.0098 kW (ERP)  |                           |
| 3400-3600 MHz | MO            | 10M0F9W             | 0.0012 kW (ERP)  |                           |
| 3400-3600 MHz | MO            | 20M0F9W             | 0.0024 kW (ERP)  |                           |
| 3400-3600 MHz | MO            | 40M0F9W             | 0.0049 kW (ERP)  |                           |

MOBILE: Brooklyn, MI, within 3 km, centered around NL 42-04-01; WL 84-14-27

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3400-3600 MHz | MO            | 10M0F9W             | 0.0012 kW (ERP)  |                           |
| 3400-3600 MHz | MO            | 20M0F9W             | 0.0024 kW (ERP)  |                           |
| 3400-3600 MHz | MO            | 40M0F9W             | 0.0049 kW (ERP)  |                           |
| 3400-3600 MHz | MO            | 80M0F9W             | 0.0098 kW (ERP)  |                           |

## Frequency Information

MOBILE: Darlington, SC, within 3 km, centered around NL 34-17-43; WL 79-54-21

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3400-3600 MHz | MO            | 10M0F9W             | 0.0012 kW (ERP)  |                           |
| 3400-3600 MHz | MO            | 20M0F9W             | 0.0024 kW (ERP)  |                           |
| 3400-3600 MHz | MO            | 40M0F9W             | 0.0049 kW (ERP)  |                           |
| 3400-3600 MHz | MO            | 80M0F9W             | 0.0098 kW (ERP)  |                           |

MOBILE: Richmond, VA, within 3 km, centered around NL 37-35-33; WL 77-25-10

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 3400-3600 MHz | MO            | 10M0F9W             | 0.0012 kW (ERP)  |                           |
| 3400-3600 MHz | MO            | 20M0F9W             | 0.0024 kW (ERP)  |                           |
| 3400-3600 MHz | MO            | 40M0F9W             | 0.0049 kW (ERP)  |                           |
| 3400-3600 MHz | MO            | 80M0F9W             | 0.0098 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.