

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

EXPERIMENTAL

(Nature of Service)

WE2XFO

(Call Sign)

XD      FX MO

(Class of Station)

0346-EX-RR-2015

(File Number)

NAME Qualcomm Technologies, 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(j) of the Commission's Rules

Station Locations

- (1) San Diego (SAN DIEGO), CA - NL 32-53-41; WL 117-11-44; MOBILE: San Diego, CA, within 32 km, centered around NL 32-53-41; WL 117-11-44
- (2) Bedminster (SOMERSET), NJ - NL 40-38-41; WL 74-38-25; MOBILE: Bedminster, NJ, within 32 km, centered around NL 40-38-41; WL 74-38-25
- (3) El Centro (IMPERIAL), CA - NL 32-46-51; WL 115-33-04; MOBILE: El Centro, CA, within 32 km, centered around NL 32-46-51; WL 115-33-04
- (4) Bridgewater (SOMERSET), NJ - NL 40-35-07; WL 74-37-33; MOBILE: Bridgewater, NJ, within 32 km, centered around NL 40-35-07; WL 74-37-33
- (5) MOBILE: Used on commercial 3G/4G AWS networks

Frequency Information

San Diego (SAN DIEGO), CA - NL 32-53-41; WL 117-11-44; MOBILE: San Diego, CA, within 32 km, centered around NL 32-5

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1710-1755 MHz | MO            | 20M0W7W             | 3 W (ERP)        |                           |
| 2110-2155 MHz | FX            | 20M0W7W             | 910.1 W (ERP)    |                           |

This authorization effective September 01, 2015 and  
will expire 3:00 A.M. EST September 01, 2017

**FEDERAL  
COMMUNICATIONS  
COMMISSION**



## Frequency Information

Bedminster (SOMERSET), NJ - NL 40-38-41; WL 74-38-25; MOBILE: Bedminster, NJ, within 32 km, centered around NL 40-38-41

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1710-1755 MHz | MO            | 20M0W7W             | 3 W (ERP)        |                           |
| 2110-2155 MHz | FX            | 20M0W7W             | 910.1 W (ERP)    |                           |

El Centro (IMPERIAL), CA - NL 32-46-51; WL 115-33-04; MOBILE: El Centro, CA, within 32 km, centered around NL 32-46-51

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1710-1755 MHz | MO            | 20M0W7W             | 3 W (ERP)        |                           |
| 2110-2155 MHz | FX            | 20M0W7W             | 910.1 W (ERP)    |                           |

Bridgewater (SOMERSET), NJ - NL 40-35-07; WL 74-37-33; MOBILE: Bridgewater, NJ, within 32 km, centered around NL 40-35-07

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1710-1755 MHz | MO            | 20M0W7W             | 3 W (ERP)        |                           |
| 2110-2155 MHz | FX            | 20M0W7W             | 910.1 W (ERP)    |                           |

## Frequency Information

MOBILE: Used on commercial 3G/4G AWS networks

| Frequency     | Station Class | Emission Designator | Authorized Power | Frequency Tolerance (+/-) |
|---------------|---------------|---------------------|------------------|---------------------------|
| 1710-1755 MHz | MO            | 20M0W7W             | 1 W (ERP)        |                           |

## Special Conditions:

- (1) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (2) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) 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.
- (4) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (5) Licensee is required to prior coordinate operations with affected existing and future microwave users in the area to avoid interference.
- (6) All operations subject to prior coordination with Western Area Frequency Coordinator Pacific Missile Range, Point Mugu, California: (760) 939-6948.