

**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)

0413-EX-CR-2019

(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, 2019 and
will expire 3:00 A.M. EST September 01, 2021

**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 1695-1780 MHz, 1915-1920 MHz, 1995-2020 MHz or 2110-2200 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (2) 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.
- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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.