

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WI2XON

(Call Sign)

0078-EX-CN-2016

(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) Bellevue (KING), WA - NL 47-34-41; WL 122-10-03; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6 km, centered around NL 47-34-41; WL 122-10-03
- (2) Simi Valley (VENTURA), CA - NL 34-15-51; WL 118-42-54; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6 km, centered around NL 34-15-51; WL 118-42-54
- (3) Richardson (DALLAS), TX - NL 32-58-43; WL 96-42-35; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6 km, centered around NL 32-58-43; WL 96-42-35
- (4) North Las Vegas (CLARK), NV - NL 36-12-51; WL 115-10-44; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6 km, centered around NL 36-12-51; WL 115-10-44

Frequency Information

Bellevue (KING), WA - NL 47-34-41; WL 122-10-03; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6 km, centered around NL 47-34-41; WL 122-10-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	0.3 W (ERP)	
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	

This authorization effective October 18, 2016 and
will expire 3:00 A.M. EST November 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Bellevue (KING), WA - NL 47-34-41; WL 122-10-03; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6 km, ce

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5150-5250 MHz	FX	20M0F7D 40M0F7D 20M0F7D 40M0F7D	2.4 W (ERP)	
5150-5250 MHz	MO	20M0F7D 40M0F7D	0.3 W (ERP)	
5725-5850 MHz	FX	20M0F7D 20M0F7D 40M0F7D 40M0F7D	2.4 W (ERP)	
5725-5850 MHz	MO	20M0F7D 40M0F7D	0.3 W (ERP)	

Simi Valley (VENTURA), CA - NL 34-15-51; WL 118-42-54; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	0.3 W (ERP)	
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	
5150-5250 MHz	FX	20M0F7D 40M0F7D	2.4 W (ERP)	

Frequency Information

Simi Valley (VENTURA), CA - NL 34-15-51; WL 118-42-54; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5150-5250 MHz	FX	20M0F7D 40M0F7D	2.4 W (ERP)	
5150-5250 MHz	MO	20M0F7D 40M0F7D	0.3 W (ERP)	
5725-5850 MHz	FX	20M0F7D 20M0F7D 40M0F7D 40M0F7D	2.4 W (ERP)	
5725-5850 MHz	MO	20M0F7D 40M0F7D	0.3 W (ERP)	

Richardson (DALLAS), TX - NL 32-58-43; WL 96-42-35; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6 kn

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	0.3 W (ERP)	
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	
5150-5250 MHz	FX	20M0F7D 40M0F7D 20M0F7D	2.4 W (ERP)	

Frequency Information

Richardson (DALLAS), TX - NL 32-58-43; WL 96-42-35; MOBILE: Fixed and mobile devices within 1 mile radius, within 1.6 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5150-5250 MHz	FX	40M0F7D	2.4 W (ERP)	
5150-5250 MHz	MO	20M0F7D 40M0F7D	0.3 W (ERP)	
5725-5850 MHz	FX	20M0F7D 20M0F7D 40M0F7D 40M0F7D	2.4 W (ERP)	
5725-5850 MHz	MO	20M0F7D 40M0F7D	0.3 W (ERP)	

North Las Vegas (CLARK), NV - NL 36-12-51; WL 115-10-44; MOBILE: Fixed and mobile devices within 1 mile radius, within :

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	20M0F7D	0.3 W (ERP)	
2110-2155 MHz	FX	20M0F7D	2.4 W (ERP)	
5150-5250 MHz	FX	20M0F7D 40M0F7D 20M0F7D	2.4 W (ERP)	

Frequency Information

North Las Vegas (CLARK), NV - NL 36-12-51; WL 115-10-44; MOBILE: Fixed and mobile devices within 1 mile radius, within :

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5150-5250 MHz	FX	40M0F7D	2.4 W (ERP)	
5150-5250 MHz	MO	20M0F7D 40M0F7D	0.3 W (ERP)	
5725-5850 MHz	FX	20M0F7D 20M0F7D 40M0F7D 40M0F7D	2.4 W (ERP)	
5725-5850 MHz	MO	20M0F7D 40M0F7D	0.3 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) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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) Operations in the bands 5150-5250 MHz and 5725-5850 MHz must be in accordance with the FCC CFR 47 Part 15 Subpart E.
- (5) Stop buzzer point of contact is Mr. John Forrester at (858) 845-7428 or jforrest@qti.qualcomm.com or 5GHz.trial.shutdown@qti.qualcomm.com
- (6) Prior to the start of operations at Ventura, CA, Qualcomm must coordinate with the Western Area Frequency Coordinator (WAFC), for frequencies in the 5725-5850 MHz, at the following:
Western Area Frequency Coordinator
Mr. J. Heaton
Phone: (760) 939-6948
Email: (Jamie.heaton@navy.mil)