

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WK2XRT

(Call Sign)

0662-EX-CR-2020

(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 32-53-50; WL 117-11-02; MOBILE: San Diego, CA, within 1 km, centered around NL 32-53-50; WL 117-11-02
- (2) San Jose (SANTA CLARA), CA - NL 37-21-55; WL 121-54-54; MOBILE: San Jose, CA, within 1 km, centered around NL 37-21-55; WL 121-54-54
- (3) Saratoga (SANTA CLARA), CA - NL 37-14-59; WL 122-02-25; MOBILE: Saratoga, CA, within 1 km, centered around NL 37-14-59; WL 122-02-25
- (4) Santa Clara (SANTA CLARA), CA - NL 37-22-30; WL 121-59-03; MOBILE: Santa Clara, CA, within 1 km, centered around NL 37-22-30; WL 121-59-03

Frequency Information

San Diego (SAN DIEGO), CA - NL 32-53-50; WL 117-11-02; MOBILE: San Diego, CA, within 1 km, centered around NL 32-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.925-6.425 GHz	FX	40MDXW	0.61 W (ERP)	
		20MDXW		
		60MDXW		
		80MDXW		
		100MDXW		
		160MDXW		

This authorization effective January 01, 2021 and
will expire 3:00 A.M. EST January 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

San Diego (SAN DIEGO), CA - NL 32-53-50; WL 117-11-02; MOBILE: San Diego, CA, within 1 km, centered around NL 32-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.925-6.425 GHz	MO	40M0DXW 20M0DXW 60M0DXW 80M0DXW 100MDXW 160MDXW	0.61 W (ERP)	

San Jose (SANTA CLARA), CA - NL 37-21-55; WL 121-54-54; MOBILE: San Jose, CA, within 1 km, centered around NL 37-2

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.925-6.425 GHz	FX	40M0DXW 20M0DXW 60M0DXW 80M0DXW 100MDXW 160MDXW	0.61 W (ERP)	
5.925-6.425 GHz	MO	40M0DXW 20M0DXW 60M0DXW 80M0DXW 100MDXW 160MDXW	0.61 W (ERP)	

Frequency Information

Saratoga (SANTA CLARA), CA - NL 37-14-59; WL 122-02-25; MOBILE: Saratoga, CA, within 1 km, centered around NL 37-14

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.925-6.425 GHz	FX	40M0DXW 20M0DXW 60M0DXW 80M0DXW 100MDXW 160MDXW	0.61 W (ERP)	
5.925-6.425 GHz	MO	40M0DXW 20M0DXW 60M0DXW 80M0DXW 100MDXW 160MDXW	0.61 W (ERP)	

Santa Clara (SANTA CLARA), CA - NL 37-22-30; WL 121-59-03; MOBILE: Santa Clara, CA, within 1 km, centered around NL 37-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.925-6.425 GHz	FX	40M0DXW 20M0DXW 60M0DXW 80M0DXW 100MDXW 160MDXW	0.61 W (ERP)	
5.925-6.425 GHz	MO	40M0DXW 20M0DXW 60M0DXW 80M0DXW 100MDXW	0.61 W (ERP)	

Frequency Information

Santa Clara (SANTA CLARA), CA - NL 37-22-30; WL 121-59-03; MOBILE: Santa Clara, CA, within 1 km, centered around NL

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.925-6.425 GHz	MO	160MDXW	0.61 W (ERP)	

Special Conditions:

- (1) Licensee is required to coordinate operations with existing microwave users in the area 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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) 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.
- (5) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (6) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (7) All of the experimental devices will be under control of Qualcomm Technologies, Inc. and they will be retrieved by Qualcomm Technologies, Inc. from the participants upon completion of the experiment.