

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WL2XPM

(Call Sign)

0186-EX-CN-2021

(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 117-11-47; MOBILE: San Diego, CA, within 0.3 km, centered around NL 32-53-50; WL 117-11-47
- (2) San Diego (SAN DIEGO), CA - NL 32-53-38; WL 117-11-53; MOBILE: San Diego, CA, within 0.3 km, centered around NL 32-53-38; WL 117-11-53

Frequency Information

San Diego (SAN DIEGO), CA - NL 32-53-50; WL 117-11-47; MOBILE: San Diego, CA, within 0.3 km, centered around NL 32-53-50

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-4200 MHz	FX	100MW7W	31.92 W (ERP)	
3700-4200 MHz	MO	100MW7W	0.19 W (ERP)	

This authorization effective March 11, 2021 and
will expire 3:00 A.M. EST March 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

San Diego (SAN DIEGO), CA - NL 32-53-38; WL 117-11-53; MOBILE: San Diego, CA, within 0.3 km, centered around NL 32-1

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3700-4200 MHz	FX	100MW7W	31.92 W (ERP)	
3700-4200 MHz	MO	100MW7W	0.19 W (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.
- (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) Coordinate with the Fixed Microwave Service licensees in accordance with 47 C.F.R, Part 101.103(d) prior to operation in the proposed frequency bands.
- (5) With respect to operations in 3700-4200 MHz band, Licensee should be made aware that they must avoid causing interference to existing FSS earth stations in the band. For applicant's reference, a list of registered incumbent FSS earth stations in the band can be found at the following link:
<https://docs.fcc.gov/public/attachments/DA-20-823A2.xls>
- (6) Prior to commencing any operations in the 3700-4200 frequency band, experimental licensee must notify licensees of C-band earth stations. The notice must include the name and contact information of the stop buzzer personnel that will be available to cease operations in the event of reported interference. The notification should include the testing parameters (specific location(s), antenna gain(s), antenna height(s), antenna orientation, EIRP, EIRP density) and day and times of each test. Please notify the following licensees:

Call Sign: E140007

Licensee: KVH Industries, Inc.

ATTN: Ms Felise Feingold

Phone: 401-845-8148 Fax: 401-845-8116 E-Mail: ffeingold@kvh.com

Call Sign: E860139

Licensee: Associated Press

ATTN: OLETA J. BROWN

Phone: 816-654-1000 Fax: 816-654-1035 E-Mail: ojbrown@ap.org