

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

EXPERIMENTAL

(Nature of Service)

WK2XYZ

(Call Sign)

XT MO

(Class of Station)

0350-EX-CN-2020

(File Number)

NAME Broadcom Corporation

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(h) of the Commission's Rules

Station Locations

- (1) MOBILE: San Jose, CA, within 0.5 km, centered around NL 37-24-03; WL 121-55-47
- (2) MOBILE: San Francisco, CA, within 0.5 km, centered around NL 37-47-38; WL 122-23-53
- (3) MOBILE: Irvine, CA, within 0.75 km, centered around NL 33-39-00; WL 117-43-49
- (4) MOBILE: San Diego, CA, within 0.5 km, centered around NL 33-00-44; WL 117-05-29
- (5) MOBILE: Washington, DC, within 0.25 km, centered around NL 38-53-00; WL 77-01-43
- (6) MOBILE: Redwood City, CA, within 0.25 km, centered around NL 37-31-23; WL 122-15-41

Frequency Information

MOBILE: San Jose, CA, within 0.5 km, centered around NL 37-24-03; WL 121-55-47

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-7125 MHz	MO		609.5 mW (ERP)	
		20M0W7D		
		40M0W7D		
		80M0W7D		
		160MW7D		
		320MW7D		

This authorization effective May 01, 2020 and
will expire 3:00 A.M. EST May 01, 2022

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: San Francisco, CA, within 0.5 km, centered around NL 37-47-38; WL 122-23-53

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-7125 MHz	MO	20M0W7D 40M0W7D 80M0W7D 160MW7D 320MW7D	609.5 mW (ERP)	

MOBILE: Irvine, CA, within 0.75 km, centered around NL 33-39-00; WL 117-43-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-7125 MHz	MO	20M0W7D 40M0W7D 80M0W7D 160MW7D 320MW7D	609.5 mW (ERP)	

MOBILE: San Diego, CA, within 0.5 km, centered around NL 33-00-44; WL 117-05-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-7125 MHz	MO	320MW7D 20M0W7D 40M0W7D 80M0W7D 160MW7D	609.5 mW (ERP)	

Frequency Information

MOBILE: Washington, DC, within 0.25 km, centered around NL 38-53-00; WL 77-01-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-7125 MHz	MO	320MW7D	609.5 mW (ERP)	
		20M0W7D		
		40M0W7D		
		80M0W7D		
		160MW7D		

MOBILE: Redwood City, CA, within 0.25 km, centered around NL 37-31-23; WL 122-15-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5925-7125 MHz	MO	320MW7D	609.5 mW (ERP)	
		160MW7D		
		20M0W7D		
		40M0W7D		
		80M0W7D		

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) Broadcom Corp. must coordinate with the local Society of Broadcast Engineers coordinator and Fixed Microwave licensees prior to operation.
- (4) Experimental station shall use the minimum power level necessary to establish communications links to minimize potential interference to licensed users.
- (5) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.
- (6) Operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating station and it shall cease transmission(s) immediately upon notice of such interference and notify the FCC in writing.