

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WP9XRI

(Call Sign)

XT MO

(Class of Station)

2105-EX-ST-2019

(File Number)

NAME Broadcom Corporation

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

The proposed operations will allow Broadcom to evaluate and demonstrate the performance and other operational characteristics of 6 GHz Wi-Fi equipment in real-world settings.

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

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 (+/-)
5925-6425 MHz	MO	20M0W7D 40M0W7D 80M0W7D 160MW7D	609.5 mW (ERP)	

This authorization effective December 05, 2019 and
will expire 3:00 A.M. EST May 15, 2020

**FEDERAL
COMMUNICATIONS
COMMISSION**



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 (+/-)
6525-6875 MHz	MO	20M0W7D 40M0W7D 80M0W7D 160MW7D	609.5 mW (ERP)	

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 (+/-)
5925-6425 MHz	MO	20M0W7D 40M0W7D 80M0W7D 160MW7D	609.5 mW (ERP)	
6525-6875 MHz	MO	20M0W7D 40M0W7D 80M0W7D 160MW7D	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 (+/-)
5925-6425 MHz	MO	20M0W7D 40M0W7D 80M0W7D 160MW7D	609.5 mW (ERP)	

Frequency Information

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 (+/-)
6525-6875 MHz	MO	20M0W7D 40M0W7D 80M0W7D 160MW7D	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 (+/-)
5925-6425 MHz	MO	20M0W7D 40M0W7D 80M0W7D 160MW7D	609.5 mW (ERP)	
6525-6875 MHz	MO	20M0W7D 40M0W7D 80M0W7D 160MW7D	609.5 mW (ERP)	

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 (+/-)
5925-6425 MHz	MO	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 (+/-)
6525-6875 MHz	MO	20M0W7D 40M0W7D 80M0W7D 160MW7D	609.5 mW (ERP)	

Special Conditions:

- (1) 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.
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (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.