

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WJ2XUT

(Call Sign)

0293-EX-CM-2019

(File Number)

NAME Cisco Systems

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) MOBILE: Cisco Campus San Jose, within 10 km, centered around NL 37-25-07; WL 121-55-09
- (2) MOBILE: Richfield, OH, within 0.3 km, centered around NL 41-13-14; WL 81-38-29
- (3) MOBILE: Cisco campus in Milipatas California, within 5 km, centered around NL 37-24-36; WL 121-55-02

Frequency Information

MOBILE: Cisco Campus San Jose, within 10 km, centered around NL 37-25-07; WL 121-55-09

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3700 MHz	MO	5M00W7D	1 W (ERP)	
		10M0W7D		
		20M0W7D		
		5M00G7D		
		10M0G7D		
		20M0G7D		
		5M00W7D		

This authorization effective December 05, 2019 and
will expire 3:00 A.M. EST June 01, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Richfield, OH, within 0.3 km, centered around NL 41-13-14; WL 81-38-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3550-3700 MHz	MO	5M00W7D 10M0W7D 20M0W7D 5M00G7D 10M0G7D 20M0G7D	1 W (ERP)	

MOBILE: Cisco campus in Milipatas California, within 5 km, centered around NL 37-24-36; WL 121-55-02

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3650-3700 MHz	MO	5M00W7D 10M0W7D 20M0W7D 5M00G7D 10M0G7D 20M0G7D	1 W (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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) Cisco Systems must maintain operation separation from the grandfathered earth stations as defined in Part 90, Sub-part Z, or coordinate an agreement with the grandfathered earth station licensees prior to operation in 3550-3700 MHz band.
- (5) Cisco Systems must consult the ULS database to ensure that the operation will not cause harmful interference to any existing registered stations in the 3650-3700 MHz band, and notify the registered users in the proposed geographic areas.

Special Conditions:

- (6) Prior to the start of operations in the 3550 -3700 MHz band, Cisco Systems, must notify by email all the earth stations within 15 km of CBRS small cell transmitters. This notice must include the name and contact information of the stop buzzer personnel in case of interference. The notification should also include the testing parameters and the day and times of each test. Consult MyIBFS database to identify all existing registered earth stations in band (3550-3700 MHz) and adjacent band (3700-4200 MHz).
- (7) This authorization is without prejudice to any determination that the Commission may make regarding pending or future experimental satellite earth station applications.