

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

EXPERIMENTAL

(Nature of Service)

XT MO

(Class of Station)

WL2XLR

(Call Sign)

1022-EX-CN-2020

(File Number)

NAME Cisco Systems 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) MOBILE: Cisco Campus, San Jose, CA, within 4 km, centered around NL 37-24-27; WL 121-55-41
- (2) MOBILE: Milpitas, CA, within 4 km, centered around NL 37-24-58; WL 121-55-10
- (3) MOBILE: Richfield, OH, within 4 km, centered around NL 41-13-15; WL 81-38-29
- (4) MOBILE: RTP Cisco Building 10, Morrisville, NC, within 4 km, centered around NL 35-51-35; WL 78-52-57
- (5) MOBILE: RTP Cisco Building 12, Morrisville, NC, within 4 km, centered around NL 35-51-41; WL 78-52-55

Frequency Information

MOBILE: Cisco Campus, San Jose, CA, within 4 km, centered around NL 37-24-27; WL 121-55-41

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3300-4200 MHz	MO	100MW7D	2 W (ERP)	
26500-29500 MHz	MO	100MW7D 100MW7D	7.9 W (ERP)	

This authorization effective March 26, 2021 and
will expire 3:00 A.M. EST April 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Milpitas, CA, within 4 km, centered around NL 37-24-58; WL 121-55-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3300-4200 MHz	MO	100MW7D	2 W (ERP)	
26500-29500 MHz	MO	100MW7D	7.9 W (ERP)	

MOBILE: Richfield, OH, within 4 km, centered around NL 41-13-15; WL 81-38-29

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3300-4200 MHz	MO	100MW7D	2 W (ERP)	
26500-29500 MHz	MO	100MW7D	7.9 W (ERP)	

MOBILE: RTP Cisco Building 10, Morrisville, NC, within 4 km, centered around NL 35-51-35; WL 78-52-57

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3300-4200 MHz	MO	100MW7D	2 W (ERP)	
26500-29500 MHz	MO	100MW7D	7.9 W (ERP)	

Frequency Information

MOBILE: RTP Cisco Building 12, Morrisville, NC, within 4 km, centered around NL 35-51-41; WL 78-52-55

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3300-4200 MHz	MO	100MW7D	2 W (ERP)	
26500-29500 MHz	MO	100MW7D	7.9 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) Cisco shall Secure consents from the Upper Microwave Flexible Use Service licensees in each proposed area prior to accessing to 26500-29500 MHz band.
- (4) Cisco shall coordinate with Fixed Microwave Service licensees in the proposed areas in accordance with 47 C.F.R, Part 101.103(d) prior to commencing experimental operations.
- (5) For frequency band 26500-29500 MHz, Cisco must comply with ITU resolution 750 OOB limits.
- (6) Cisco shall coordinate its operations in the 3550-3700 MHz band with one or more authorized Spectrum Access System (SAS) administrators to obtain channel assignments and avoid causing harmful interference to authorized users of the band, including General Authorized Access (GAA) users.
- (7) Cisco should be made aware that they must avoid causing interference to the existing Fixed Service operators and 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>