

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

EXPERIMENTAL

(Nature of Service)

WE2XKB

(Call Sign)

XT FX MO

(Class of Station)

0253-EX-RR-2009

(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(i) of the Commission's Rules

Station Locations

- (1) San Jose, CA - NL 37-24-31; WL 121-57-06; MOBILE: Cisco Campus, San Jose, CA, within 1 km
- (2) Richfield, OH - NL 41-08-04; WL 81-38-39; MOBILE: Richfield, OH, within 1 km, centered around NL 41-08-04; WL 81-38-39
- (3) Raleigh, NC - NL 35-54-50; WL 78-51-58; MOBILE: Cisco Campus, Raleigh, NC, within 1 km, centered around NL 35-54-50; WL 78-51-58
- (4) Portsmouth, NH - NL 43-04-44; WL 70-48-04; MOBILE: Test lab, Portsmouth, NH, within 1 km, centered around NL 43-04-44; WL 70-48-04
- (5) Richardson (COLLIN), TX - NL 33-05-40; WL 96-45-36; MOBILE: around Cisco campus, within 5 km

Frequency Information

San Jose, CA - NL 37-24-31; WL 121-57-06; MOBILE: Cisco Campus, San Jose, CA, within 1 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500-2689 MHz		5M00XXX	2 W (Output Power)	
2500-2689 MHz	MO	10M0W7W 5M00XXX	1 W (ERP)	

This authorization effective November 01, 2009 and
will expire 3:00 A.M. EST November 01, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Richfield, OH - NL 41-08-04; WL 81-38-39; MOBILE: Richfield, OH, within 1 km, centered around NL 41-08-04; WL 81-38-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500-2689 MHz	MO	10M0W7W	1 W (ERP)	

Raleigh, NC - NL 35-54-50; WL 78-51-58; MOBILE: Cisco Campus, Raleigh, NC, within 1 km, centered around NL 35-54-50;

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500-2689 MHz	MO	10M0W7W	1 W (ERP)	

Portsmouth, NH - NL 43-04-44; WL 70-48-04; MOBILE: Test lab, Portsmouth, NH, within 1 km, centered around NL 43-04-44;

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500-2689 MHz	MO	10M0W7W 5M00W7N	1 W (ERP)	

Richardson (COLLIN), TX - NL 33-05-40; WL 96-45-36; MOBILE: around Cisco campus, within 5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2500-2689 MHz	MO	10M0XXX 5M00XXX	2 W (Output Power)	

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.

Special Conditions:

- (3) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (4) No EBS channels are used to operating on the frequency bands 2500 - 2689 MHz.
- (5) Licensee must get consents from BRS licensees prior to operate the frequency bands.