

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

EXPERIMENTAL

(Nature of Service)

WD2XUZ

(Call Sign)

XE FX MO

(Class of Station)

0254-EX-RR-2009

(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(i) of the Commission's Rules

Station Locations

- (1) San Jose (SANTA CLARA), CA - NL 37-24-45; WL 121-56-11; MOBILE: Cisco San Jose Campus between buildings 9 and 14, centered around NL 37-24-45; WL 121-56-11
- (2) RTP (DURHAM), NC - NL 35-54-50; WL 78-51-58; MOBILE: Confined to Cisco campus in RTP
- (3) MOBILE: Cisco campus at this locaiton
- (4) MOBILE: Cisco Office
- (5) Richfield, OH - NL 41-08-04; WL 81-38-39; MOBILE: around Cisco campus for testing, within 5 km

Frequency Information

San Jose (SANTA CLARA), CA - NL 37-24-45; WL 121-56-11; MOBILE: Cisco San Jose Campus between buildings 9 and 1.

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3700 MHz	MO	20M0X7X	25 W (ERP)	
		10M0X7X		
		5M00X7X		

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

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

RTP (DURHAM), NC - NL 35-54-50; WL 78-51-58; MOBILE: Confined to Cisco campus in RTP

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3700 MHz		20M0X7X 10M0X7X 5M00X7X	25 W (ERP)	

MOBILE: Cisco campus at this locaiton

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3700 MHz	MO	20M0X7X 5M00X7X 10M0X7X	200 mW (Output Power)	

MOBILE: Cisco Office

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3700 MHz	MO	20M0X7X 10M0X7X 5M00X7X	200 mW (Output Power)	

Richfield, OH - NL 41-08-04; WL 81-38-39; MOBILE: around Cisco campus for testing, within 5 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3650 MHz	MO	5M00XXW	25 W (ERP)	

Special Conditions:

- (1) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."
- (2) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (3) 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.
- (4) Licensee understands that this equipment must not be produced or procured for commercial or federal (DoD) use within the U.S in the band 3300-3650 MHz.
- (5) The emergency contact person, In Richfield Ohio: David Case (303) 523-2139, In San Jose, CA: Rick Santini (408) 525-4543, and RTP: Matt MacPherson 1-(919)-392-3953 shall be available during all testing in order to shutdown the equipment if interference is caused to government operations.
- (6) Licensee understands that future operations or adoption of this equipment must be modified to work in an appropriate band for commercial WiMax service in the United States.
- (7) Equipment shall contain a label stating "This equipment operates on frequencies allocated primary to the Federal Government and will only be used during the testing for Experimental License under Callsign WD2XUZ. Use of this equipment after the term of this license is not authorize within the United States"
- (8) Operating powers shall not exceed those allowed under Part 15 of the FCC rules.