

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WE2XFJ

(Call Sign)

0272-EX-RR-2013

(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(g, i) of the Commission's Rules

Station Locations

- (1) MOBILE: Nationwide
- (2) MOBILE: Cisco Campus test labs Nationwide

Frequency Information

MOBILE: Nationwide

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
30-48 MHz	MO	16K0F3E	2 W (ERP)	
150.8-157.0375 MHz	MO	8K00F3E 8K00F1E 11K0F3E	3 W (ERP)	
152-170 MHz	MO	8K00F3E 8K00F1E 11K0F3E	3 W (ERP)	

This authorization effective September 01, 2013 and
will expire 3:00 A.M. EST September 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Nationwide

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
157.1875-162.0125 MHz	MO	11K0F3E 8K00F1E 8K00F3E	3 W (ERP)	
450-470 MHz	MO	8K00F1E 11K0F1E 16K0F3E	3 W (ERP)	
806-823 MHz	MO	11K0F3E 8K00F1E	3 W (ERP)	

MOBILE: Cisco Campus test labs Nationwide

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
152-170 MHz	MO	4K00F1D 4K00F1E 4K00F1W 7K00FXD 7K00FXE 7K60FXD 7K70FXE 8K10F1E 20K0D1D 20K0D0E 20K0D1E 20K0D1W	3 W (ERP)	
450-470 MHz	MO	8K00F3E	3 W (ERP)	

Frequency Information

MOBILE: Cisco Campus test labs Nationwide

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
450-470 MHz	MO	4K00F1D 4K00F1E 4K00F1W 7K00FXD 7K00FXE 7K00FXE 8K00F1E 20K0D1D 20K0D1E 20K0D1W	3 W (ERP)	
806-823 MHz	MO	16K0F3E 16K0F3E	3 W (ERP)	

Special Conditions:

- (1) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (2) 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."
- (3) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (4) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9102 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir@sbe.org; information, www.sbe.org.
- (5) Operation is NOT permitted on the distress and calling frequency 156.8 MHz. Guard bands of 156.7625-156.7875 MHz and 156.8125-156.8375 MHz must be maintained.