

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

EXPERIMENTAL

(Nature of Service)

WH2XIS

(Call Sign)

XT MO

(Class of Station)

0199-EX-ML-2014

(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) MOBILE: Nationwide for demo
- (2) MOBILE: Nationwide for demo
- (3) MOBILE: Nationwide for demo
- (4) MOBILE: Nationwide
- (5) MOBILE: Nationwide for demo
- (6) MOBILE: Nationwide for demo
- (7) MOBILE: Various Cisco campuses for testing and evaluation

Frequency Information

MOBILE: Nationwide for demo

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1850-1990 MHz	MO	200KG7W	250 mW (ERP)	

This authorization effective October 28, 2014 and
will expire 3:00 A.M. EST August 01, 2016

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Nationwide for demo

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1850-1990 MHz	MO	200KG7W	1 W (ERP)	

MOBILE: Nationwide for demo

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1710-1755 MHz	MO	10M0F7W	250 mW (ERP)	

MOBILE: Nationwide

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2110-2155 MHz	MO	10M0F7W	250 mW (ERP)	

MOBILE: Nationwide for demo

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
698-704 MHz	MO	5M00X7X	1 W (ERP)	
728-734 MHz	MO	5M00X7X	1 W (ERP)	
746-757 MHz	MO	5M00X7X	1 W (ERP)	

Frequency Information

MOBILE: Nationwide for demo

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
746-757 MHz	MO	10M0X7X	1 W (ERP)	
776-787 MHz	MO	10M0X7X 5M00X7X	1 W (ERP)	

MOBILE: Nationwide for demo

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2496-2689 MHz	MO	5M00F7W 10M0F7W	1 W (ERP)	

MOBILE: Various Cisco campuses for testing and evaluation

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2400-2495 MHz	MO	20M0W7X	2 W (ERP)	

Special Conditions:

- (1) Operation in the 1710-1755 or 2110-2155 MHz band requires consent of local Advanced Wireless Service (AWS) licensee(s) to avoid interference.
- (2) Operation in the 1850-1910 or 1930-1990 MHz band requires prior frequency coordination with 2 GHz microwave users and consent of PCS licensees to avoid interference.
- (3) 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.