

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WD9XCP

(Call Sign)

0548-EX-ST-2007

(File Number)

NAME Cisco Systems

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

Evaluate several Wi-MAX and cellular products.

Station Locations

- (1) MOBILE: around Cisco campus, RTP, NC, within 5 km, centered around NL 35-54-50; WL 78-51-58
- (2) San Jose, CA - NL 37-24-45; WL 121-56-11; MOBILE: around Cisco campus building 22, 14, 18, and P, San Jose, CA, within 4 km, centered around NL 37-24-45; WL 121-56-11
- (3) Plano (Collin), TX - NL 33-05-40; WL 96-42-06; MOBILE: around facility, Plano, TX, within 12 km, centered around NL 33-05-40; WL 96-42-06
- (4) Collin (Richardson), TX - NL 33-05-40; WL 96-45-36; MOBILE: around facility, Collin, TX, within 12 km, centered around NL 33-05-40; WL 96-45-36
- (5) Richfield, OH - NL 41-08-04; WL 81-38-39; MOBILE: around Cisco campus, Richfield, OH, within 3 km, centered around NL 41-08-04; WL 81-38-39
- (6) Richfield, OH - NL 41-08-04; WL 81-38-39; MOBILE: around campus, Richfield, OH, within 5 km, centered around NL 41-08-04; WL 81-38-39

This authorization effective December 12, 2007 and
will expire 3:00 A.M. EST May 13, 2008

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: around Cisco campus, RTP, NC, within 5 km, centered around NL 35-54-50; WL 78-51-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2310-2320 MHz	MO	5M00X7W	30 W (ERP)	
2345-2360 MHz	MO	5M00X7X	30 W (ERP)	

San Jose, CA - NL 37-24-45; WL 121-56-11; MOBILE: around Cisco campus building 22, 14, 18, and P, San Jose, CA, within

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2310-2320 MHz	MO	5M00X7W	30 W (ERP)	
2345-2360 MHz	MO	5M00X7X	30 W (ERP)	

Plano (Collin), TX - NL 33-05-40; WL 96-42-06; MOBILE: around facility, Plano, TX, within 12 km, centered around NL 33-05-

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2310-2320 MHz	MO	5M00X7W	30 W (ERP)	
2345-2360 MHz	MO	5M00X7X	30 W (ERP)	

Frequency Information

Collin (Richardson), TX - NL 33-05-40; WL 96-45-36; MOBILE: around facility, Collin, TX, within 12 km, centered around NL 3

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2310-2320 MHz	MO	5M00X7W	30 W (ERP)	
2345-2360 MHz	MO	5M00X7X	30 W (ERP)	

Richfield, OH - NL 41-08-04; WL 81-38-39; MOBILE: around Cisco campus, Richfield, OH, within 3 km, centered around NL 4

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2310-2320 MHz	MO	5M00X7W	30 W (ERP)	

Richfield, OH - NL 41-08-04; WL 81-38-39; MOBILE: around campus, Richfield, OH, within 5 km, centered around NL 41-08-0

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2345-2360 MHz	MO	5M00X7X	30 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) Licensee should be aware of US339 and federal and private sector use of telemetry in this band on a secondary basis.
- (4) Operation is subject to prior coordinate with Aerospace and Flight Test Radio Coordinating Council (AFTRCC).