

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

EXPERIMENTAL

(Nature of Service)

XD MO

(Class of Station)

WC9XUG

(Call Sign)

0823-EX-ST-2006

(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 mobile wireless communications including public safety

Station Locations

- (1) MOBILE: Cisco Campus North Carolina, Research Triangle Park, centered around NL 35-54-50; WL 78-51-58
- (2) MOBILE: Cisco Campus San Jose, CA, centered around NL 37-24-31; WL 121-57-03
- (3) MOBILE: Cisco Campus Richfield, OH, centered around NL 41-08-04; WL 81-38-39

Frequency Information

MOBILE: Cisco Campus North Carolina, Research Triangle Park, centered around NL 35-54-50; WL 78-51-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
43.04 MHz	MO	16K0F3E 8K00F1E	2 W (ERP)	
72-73 MHz	MO	11K0F3E	1 W (ERP)	

This authorization effective January 08, 2007 and
will expire 3:00 A.M. EST July 08, 2007

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Cisco Campus North Carolina, Research Triangle Park, centered around NL 35-54-50; WL 78-51-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
72-73 MHz	MO	8K00F1E	1 W (ERP)	
75.4-76 MHz	MO	8K00F1E 11K0F3E	1 W (ERP)	
151.505 MHz	MO	8K00F1E 11K0F3E	1 W (ERP)	
151.625 MHz	MO	11K0F3E 8K00F1E	2 W (ERP)	
151.7 MHz	MO	11K0F3E 8K00F1E	2 W (ERP)	
451.8 MHz	MO	11K0F3E 8K00F1E	1 W (ERP)	
451.8125 MHz	MO	8H00F3E 11K0F1E	1 W (ERP)	
456.8 MHz	MO	11K0F3E 8K00F1E	2 W (ERP)	
464.5 MHz	MO	11K0F3E	2 W (ERP)	

Frequency Information

MOBILE: Cisco Campus North Carolina, Research Triangle Park, centered around NL 35-54-50; WL 78-51-58

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
464.5 MHz	MO	8K00F1E	2 W (ERP)	
469.55 MHz	MO	11K0F3E 8K00F1E	2 W (ERP)	

MOBILE: Cisco Campus San Jose, CA, centered around NL 37-24-31; WL 121-57-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
43.04 MHz	MO	16K0F3E 8K00F1E	2 W (ERP)	
72-73 MHz	MO	11K0F3E 8K00F1E	1 W (ERP)	
75.4-76 MHz	MO	8K00F1E 11K0F3E	1 W (ERP)	
151.505 MHz	MO	11K0F3E 8K00F1E	1 W (ERP)	
151.625 MHz	MO	8K00F1E 11K0F3E	2 W (ERP)	

Frequency Information

MOBILE: Cisco Campus San Jose, CA, centered around NL 37-24-31; WL 121-57-03

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
151.7 MHz	MO	8K00F1E 11K0F3E	2 W (ERP)	
451.8 MHz	MO	8K00F1E 11K0F3E	1 W (ERP)	
451.8125 MHz	MO	11K0F1E 8H00F3E	1 W (ERP)	
456.8 MHz	MO	8K00F1E 11K0F3E	2 W (ERP)	
464.5 MHz	MO	8K00F1E 11K0F3E	2 W (ERP)	
469.55 MHz	MO	8K00F1E 11K0F3E	2 W (ERP)	

MOBILE: Cisco Campus Richfield, OH, centered around NL 41-08-04; WL 81-38-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
43.04 MHz	MO	8K00F1E 16K0F3E	2 W (ERP)	

Frequency Information

MOBILE: Cisco Campus Richfield, OH, centered around NL 41-08-04; WL 81-38-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
72-73 MHz	MO	11K0F3E 8K00F1E	1 W (ERP)	
75.4-76 MHz	MO	8K00F1E 11K0F3E	1 W (ERP)	
151.505 MHz	MO	11K0F3E 8K00F1E	1 W (ERP)	
151.625 MHz	MO	8K00F1E 11K0F3E	2 W (ERP)	
151.7 MHz	MO	8K00F1E 11K0F3E	2 W (ERP)	
451.8 MHz	MO	8K00F1E 11K0F3E	1 W (ERP)	
451.8125 MHz	MO	11K0F1E 8H00F3E	1 W (ERP)	
456.8 MHz	MO	8K00F1E 11K0F3E	2 W (ERP)	

Frequency Information

MOBILE: Cisco Campus Richfield, OH, centered around NL 41-08-04; WL 81-38-39

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
464.5 MHz	MO	8K00F1E 11K0F3E	2 W (ERP)	
469.55 MHz	MO	8K00F1E 11K0F3E	2 W (ERP)	

Special Conditions:

- (1) Licensee shall prior coordinate with Part 90 licensees within a 15 km radius prior to operation.