

Cisco Systems
4125 Highlander Parkway
Richfield Ohio 44720

July 26, 2013

VIA ELECTRONIC FILING

Julius Knapp
Chief
Office of Engineering and Technology
Federal Communications Commission
445 12th Street, S.W.
Washington, DC 20554

Re: Request for Special Temporary Authority for Demonstration at the Association of Chief Police Officers
Experimental File No. 0659-EX-ST-2013

Dear Mr. Knapp:

Cisco Systems respectfully seeks Experimental Special Temporary Authority ("STA") from the Federal Communications Commission ("FCC") to operate in the 700 MHz band public safety spectrum, using the 758-768 MHz for downlink and 788-798 MHz for uplink, to demonstrate Long Term Evolution ("LTE") equipment at the 2013 APCO Conference in Anaheim, CA.

Cisco Systems requests authority to operate over the 758-768/788-798 MHz band, which is currently licensed on a nationwide basis to the First Responder Network Authority ("FirstNet").

Purpose:

If granted, the experimental license will be used to demonstrate wireless technologies related to the public safety community on the exhibit floor of the Anaheim Convention Center. Operation will only be conducted indoors during the conference business hours and will be confined to the limits of the Cisco Systems booth.

The Experimental STA will serve the public interest by providing APCO attendees with an opportunity to test and receive an introductory knowledge of the potential benefits and capabilities of a Band 14 LTE public safety network.

Limited Use of Equipment Exclusively for Demonstration Purposes:

This demonstration by Cisco Systems will not be used in mission-critical operations or in the delivery of live transmissions in duties to protect life, property, or safety. The equipment will include one temporary LTE base station (NEC) and two omnidirectional antennas along-with two subscriber units (Elektrobit), all operating within the Cisco Systems booth for demonstration purposes only. Operation will occur between August 17 and 21, 2013 which will allow time for setup and testing, demonstrations and teardown.

STA Disclaimer:

Cisco understands that this STA will be granted for no more than the duration of the APCO conference and will not attempt to renew this STA. If additional demonstration time is desired, a new STA request will be submitted.

Absence of Interference Concerns:

Information from the FCC's ULS databases has been analyzed and it is determined that the proposed operation would not interfere or create a significant potential for interference with any public safety operations in the 700 MHz band. There were no active public safety licenses granted in the Anaheim area on frequencies that are co-channel to those proposed in this request in which we propose to operate on.

Cisco understands that the requested experimental authority only permits shared use of radio frequencies and it may have to coordinate with other conference attendees using radio frequencies. It is possible that FirstNet may issue similar concurrences to other applicants attending the conference. Cisco understands that other APCO exhibitors may be operating on the same spectrum within the Anaheim Convention Center. Cisco will address any interference concerns directly with those exhibitors.

For the foregoing reasons, Cisco Systems respectfully requests that the Commission grant the requested Experimental STA for the purpose of demonstrating LTE equipment at the APCO Conference.

Sincerely,

A handwritten signature in black ink that reads "David A Case". The signature is written in a cursive, slightly informal style.

David A. Case NCE, NCT
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