

June 25, 2013

**VIA ELECTRONIC FILING**

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

**Re: *Special Temporary Authority for Demonstration at the Association of Public-Safety Communications Officials Conference (APCO 2013)***

Dear Ms. Dortch:

Alcatel-Lucent seeks Experimental Special Temporary Authority ("STA") from the Federal Communications Commission ("Commission") to use the public safety spectrum in the 700 MHz Band 14 to demonstrate Long Term Evolution ("LTE") equipment in Anaheim, California in conjunction with the Association of Public-Safety Communications Officials (APCO) Conference, which will take place August 18 through August 21, 2013.

The demonstration will conform to the following parameters:

1. Operation will be confined to the vicinity of the Anaheim Convention Center 800 W. Katella Avenue, Anaheim, CA 92802. The equipment for these operations will include one base station and associated antenna located at the demonstration site, along-with a maximum of 10 end user devices (portable units) operating at no more than 1.0 kilometers from the base site.
2. Alcatel-Lucent 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").
3. Operation will occur between August 16, 2013 and August 21, 2013, allowing time for setup and testing, demonstrations, and teardown.
4. This Experimental STA cannot be renewed. To the extent Alcatel-Lucent would like to obtain additional Experimental STA use of the radio frequencies licensed to FirstNet, beyond the period specified above, Alcatel-Lucent must file a separate request with the FCC.
5. Alcatel-Lucent has analyzed information from the FCC's ULS databases and has 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.

.....Alcatel-Lucent

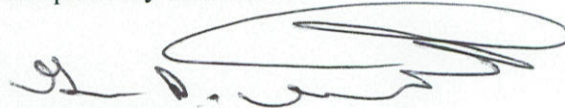


Specifically, we found no active public safety licenses authorizing operation in the Las Vegas area on frequencies that are co-channel to those proposed in this STA request.

6. Temporary operations pursuant to this Experimental STA will not be used in mission-critical operations or in the delivery of live transmissions in duties to protect life, property, or safety. .
7. Alcatel-Lucent will work with other conference attendees operating pursuant to STA to coordinate sharing spectrum to avoid any interference issues between vendors operating in the above specified frequencies.
8. 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.

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

Respectfully submitted,

A handwritten signature in dark ink, appearing to read 'Glenn A Steitz', with a large, stylized loop at the end.

Glenn A Steitz  
Senior Manager  
Demonstrations and New Technology  
Introduction