



July 23, 2012

Marlene H. Dortch  
Secretary  
Federal Communications Commission  
445 12th Street, SW  
Room TWA325  
Washington, DC 20554

**Re: Application of Raytheon for Temporary Spectrum Use  
APCO Conference, Minneapolis, MN – August 17, 2012 - August 24, 2012**

Dear Ms. Dortch:

The Public Safety Spectrum Trust Corporation ("PSST") hereby provides its consent to the application of Raytheon for an experimental special temporary authority ("Experimental STA") regarding its proposed temporary operation in the PSST's 700 MHz band spectrum to demonstrate Long Term Evolution ("LTE") equipment in Minneapolis, Minnesota, between August 17, 2012 and August 24, 2012, as described in more detail below. The PSST understands that the demonstration operation planned would conform to the following parameters:

- 1) Operation will be conducted in the vicinity of the Minneapolis Convention Center, 1301 2nd Avenue, Minneapolis, Minnesota 55403. The equipment would include a temporary base station and an associated antenna, along-with a small number of portable units operating at no more than 1.5 kilometers from the base site.
- 2) Raytheon will request authority from the FCC to operate over the 758-768/788-798 MHz band which is currently licensed on a nationwide basis to the PSST.
- 3) Operation will occur between August 17, 2012, and August 24, 2012, allowing time during that period for setup and testing, demonstrations, and teardown.
- 4) We understand that Raytheon has analyzed information from the FCC's license databases and has determined that the proposed operation would not interfere or create significant interference with any public safety operations in the 700 MHz band.

5) Raytheon has stated that this temporary operation will not be used in mission-critical operations or in the delivery of live transmissions in duties to protect life, property, or safety.

6) We make note of the fact that we have issued a similar letter of consent to Motorola Solutions and Alcatel-Lucent for LTE demonstrations during the APCO Conference. We understand that Raytheon will work with Motorola Solutions and Alcatel-Lucent engineers to address any potential interference issues between Raytheon, Motorola Solutions, and Alcatel-Lucent.

Given the above information, the PSST concurs with the Raytheon proposed operation on certain frequencies currently licensed to the PSST as part of the 700 MHz Public Safety Broadband License for purposes of demonstrating LTE equipment in Minneapolis, MN.

This consent is subject to the PSST's ongoing ability to monitor any operations and use of the PSST's licensed spectrum. In addition, the PSST notes that the Middle Class Tax Relief and Job Creation Act of 2012 ("Spectrum Act") [Public Law No. 112-96, 126 Stat. 156 (2012)] directs the FCC to reallocate the Upper 700 MHz D Block for public safety services and to assign a license for both the D Block and the spectrum comprising the 700 MHz Public Safety Broadband License (currently licensed to the PSST) to the First Responder Network Authority ("FirstNet"). The PSST's consent is valid only while the PSST remains the 700 MHz Public Safety Broadband Licensee and is subject to any action the FCC may take to comply with the requirements of the Spectrum Act.

Respectfully submitted,



Chief Harlin R. McEwen  
Chairman  
Public Safety Spectrum Trust Corporation  
(607) 227-1664  
[chiefhrm@pubsaf.com](mailto:chiefhrm@pubsaf.com)

cc: Michael McMenamin, Raytheon  
Stuart Overby, Motorola Solutions, Inc.  
Jeffrey A. Marks, Alcatel-Lucent