



December 12, 2011

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

**Re: Application of Las Vegas Metropolitan Police Department for Temporary
Spectrum Use - February 1, 2012, to August 1, 2012**

Dear Ms. Dortch:

The Public Safety Spectrum Trust ("PSST") hereby provides its consent to the application of the Las Vegas Metropolitan Police Department, for 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 Las Vegas, Nevada, between February 1, 2012, and August 1, 2012, as described in more detail below. The PSST understands that the temporary operation planned would conform to the following parameters:

- 1) Operation will be confined to the immediate vicinity of 4615 W. Sunset Road, Las Vegas, Nevada 89118. The equipment will include one temporary base station and associated antenna located at the named demonstration site, along with a small number of portable units all operating at no more than 8 kilometers from the base site.
- 2) The Las Vegas Metropolitan Police Department has requested authority from the FCC to operate over the 763-768/793-798 MHz bands, which are currently licensed on a nationwide basis to the PSST as part of the 700 MHz Public Safety Broadband License.
- 3) Operation will occur between February 1, 2012, and August 1, 2012, allowing time during that period for setup and testing, demonstrations, and teardown.
- 4) We understand that the Las Vegas Metropolitan Police Department has analyzed information from the FCC's license 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.

5) The Las Vegas Metropolitan Police Department 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. The equipment to be used will include a base station and associated antennae located at the demonstration site and a small number of portable units in testing scenarios only.

6) The Las Vegas Metropolitan Police Department has stated that the experimental special temporary authority will empower first responders in the Las Vegas area to develop and test practical applications on an LTE network for numerous services, including mobile streaming video, global positioning and automated vehicle location, and push-to-talk voice over IP via the LTW network linking directly with traditional Land Mobile Radio (LMR) users. The pilot program will assess how an LTE system can and should be configured to provide high level communications with priority over lower level transaction, ensuring that critical communications capabilities are maintained even when approaching full air-link capacity. The project will effectively demonstrate the utility of providing first responders with a high-bandwidth private wireless network with high-speed mobile connectivity throughout the coverage area.

Given the above information, the PSST concurs with the proposed operation by the Las Vegas Metropolitan Police Department 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 Las Vegas, Nevada.

This consent is subject to the PSST's ongoing ability to monitor any operations and use of the PSST's licensed spectrum.

Respectfully submitted,



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