



September 19, 2012

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

**Re: Application of Motorola Solutions, Inc. for Temporary Spectrum Use
Chicago, Illinois – October 1, 2012 through March 30, 2013**

Dear Ms. Dortch:

The Public Safety Spectrum Trust Corporation ("PSST") hereby provides its consent to the application of Motorola Solutions, Inc. ("Motorola Solutions") 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 to public safety agencies in the Chicago, Illinois area. The test operation planned is a continuation of testing previously authorized to Motorola Solutions under Experimental STA WF9XOK granted on March 30, 2012, which expires on October 1, 2012, and would conform to the following parameters, which are unchanged from the previously issued STA:

- 1) Operation will be conducted in the Chicago area. The equipment would include base stations and associated antennae located at 2147 S. Lumber Street, 800 S. Michigan Avenue, 1521 S. Lynn White Drive, and 250 N Breakwater Access, all in Chicago, along-with a small number of portable units operating at no more than 2 miles from each base site.
- 2) Motorola Solutions will request authority from the FCC to operate over the 758-768/788-798 MHz band. This encompasses both 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, and the 758-763/788-793 MHz bands known as the Upper 700 MHz D Block, also recently allocated for public safety use.
- 3) Operation will occur between October 1, 2012, and March 30, 2013, allowing time during that period for setup and testing, demonstrations, and teardown.

4) We understand that Motorola Solutions 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) Motorola Solutions 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.

Given the above information, the PSST concurs with Motorola Solutions' 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 Chicago, Illinois.

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
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cc: Stuart Overby, Motorola Solutions, Inc.