



MOTOROLA SOLUTIONS

June 28, 2013

Julius Knapp
Chief, Office of Engineering and Technology
Federal Communications Commission
445 12th Street, SW
Washington, D.C. 20554

**RE: Experimental License Service Application,
File No. 0616-EX-ST-2013**

Dear Mr. Knapp,

Motorola Solutions, Inc., seeks approval of its the above-referenced application for Experimental Special Temporary Authority (STA) to operate in the 700 MHz public safety broadband spectrum to demonstrate Long Term Evolution (LTE) equipment at the annual APCO, International conference in Anaheim, California for the period of August 16-23, 2013. The proposed operation will be conducted in the 758-768/788-798 MHz spectrum that is licensed to the First Responder Network Authority ("FirstNet").

The purpose of the proposed operation is to demonstrate the functionality of prototype broadband LTE devices designed to support the needs of the public safety and homeland security community.

Motorola Solutions submits this cover letter as part of the above-referenced application to affirm its understanding of the primary status of FirstNet as the licensee, seek FirstNet's consent and provide our commitment to conduct operations under this requested STA as follows:

- 1) Operation will be confined to the immediate vicinity of the Anaheim Convention Center, Anaheim, California. The equipment will include one temporary base station and associated antenna, and a small number of portable/mobile units all operating within no more than 1 km of the base site.
- 2) The demonstrations will be conducted on the 758-768/788-798 MHz bands, which are currently licensed on a nationwide basis to FirstNet.
- 3) Operation will occur during the period August 16-23, 2013, allowing time during that period for setup and testing, demonstrations and teardown.
- 4) Motorola Solutions has analyzed information from the FCC's license databases and 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 temporary experimental operation is not intended for the provision of regular public safety mission-critical communications or the delivery of live transmissions in duties to protect life, property or safety.



MOTOROLA SOLUTIONS

- 6) Motorola Solutions recognizes that its experimental operations will be secondary and must not cause interference to any operations authorized on a primary basis in this spectrum licensed to FirstNet. Further, Motorola Solutions understands that any such primary operations have no obligation to mitigate any interference that might be present to the Oak Ridge experimental operations.
- 7) Motorola Solutions acknowledges that although FirstNet has not yet deployed in the geographic area covered by the application, if, during the term of this STA, FirstNet or its assignees or lessees plans to deploy in the area, Oak Ridge may need to reduce the coverage or power of its experimental transmissions or cease them entirely to prevent interference to those operations.
- 8) Motorola Solutions will cooperate with other grantees of experimental STAs who are demonstrating in the same spectrum at the APCO conference to minimize the potential for interference.
- 9) The undersigned serves as an overall point of contact for the proposed short-term demonstration at the APCO International conference.

Motorola Solutions appreciates your consideration in this matter and requests that both the FCC and FirstNet act as expeditiously as possible so the requested Experimental STA can be granted in a timely manner to support the requested demonstration period beginning August 16, 2013.

Regards,

/s/

Stu Overby
Senior Director, Spectrum Strategy
Motorola Solutions, Inc.
1303 E. Algonquin Rd.
Schaumburg, IL 60196

Telephone: (847)-576-2952
Stu.overby@motorolasolutions.com

cc: Regina Harrison, NTIA
RHarrison@ntia.doc.gov