



January 29, 2015

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

RE: Request for Experimental Special Temporary Authority
ELS File No. 0091-EX-ST-2015

Dear Mr. Knapp,

Motorola Solutions, Inc. seeks approval of its 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 International Wireless Communications Expo (IWCE) conference in Las Vegas, NV for the period of March 16 through March 20, 2015. 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, and to provide our commitment to conduct operations under this requested STA as described below:

- 1) Operation will be confined to the immediate vicinity of the Las Vegas Convention Center in Las Vegas, NV. The equipment will include one temporary base station with associated antennas and a small number of portable/mobile units all operating within less than 1 km of the base stations.
- 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 March 16-20, 2015, 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.



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- 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 IWCE demonstration experimental operations.
- 7) Motorola Solutions acknowledges that although FirstNet has not yet deployed in the geographic area covered by the application, if FirstNet or its assignees or lessees plan to deploy in the area during the term of this STA, Motorola Solutions may need to reduce the coverage or power of its experimental transmissions or cease operations entirely to prevent interference to such deployment.
- 8) Motorola Solutions will cooperate with other grantees of experimental STAs who are demonstrating in the same spectrum at the IWCE conference to minimize the potential for interference.
- 9) The undersigned person will serve as an overall point-of-contact for the proposed short-term demonstration at the IWCE conference.

Motorola Solutions appreciates your consideration of this matter and requests that the FCC act as expeditiously as possible so the requested Experimental STA can be granted in a timely manner to support the requested demonstration period beginning March 16, 2015.

Regards,

A handwritten signature in black ink, appearing to read 'Chuck Powers', with a long horizontal line extending to the right.

Chuck Powers
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Washington, DC 20004

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