



HARRIS CORPORATION

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June 21, 2013

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

Re: Request for Experimental License

Dear Mr. Knapp:

Harris Corporation (Harris) respectfully seeks approval of its request for Special Temporary Authorization (STA) to operate in the 700 MHz public safety broadband (Band 14) spectrum to demonstrate Long Term Evolution ("LTE") in a remote environment surrounding Livermore, CA from August 2, 2013 to August 23, 2013. Harris' testing program, featuring LTE equipment for public safety first responders, will assist you and all stakeholders in preparation for the First Responder Network Authority's (FirstNet) deployment of the Nationwide Public Safety Broadband Network. Below please find details on this important program.

Program of Research and Project Objectives:

If granted, the STA will be used to create a pilot program in a remote, underserved area so that Harris and other stakeholders can test delivery of LTE in remote settings and rugged geographies. The program will provide coverage in the vicinity of the Morgan Territory Regional Preserve in Livermore, CA. Harris will run, in conjunction with first responder entities and other interested parties, test scenarios and demonstrations evaluating the use and benefits of LTE public safety communications on a dedicated network in wilderness areas. These tests will provide key data on network performance and data delivery in such areas.

Limited Use of Equipment Exclusively for Testing Purposes:

This network 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 will include a 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 1 kilometer from the base site for testing purposes only. Operation will continue for a total of 21 days, allowing time during that period for testing, demonstrations, and teardown.

STA Disclaimer:

Harris understands that this STA will be granted for no more than 21 days and will not attempt to renew this STA. If additional demonstration time is desired, a new STA request will be submitted. Harris understands that an experimental license only permits shared use of the subject radio frequencies and that it may have to coordinate with other entities licensed for experimental purposes.

Absence of Interference Concerns:

Information from the FCC's ULS databases has been analyzed and it is determined that the proposed operation will not interfere or create a significant potential for interference with any public safety operations in the 700 MHz band. There were no active public safety licenses granted in the Livermore, CA area on frequencies that are co-channel to those proposed in this request.

I thank you for your consideration, and look forward to your prompt response.

Very respectfully,

James Teel
Director LTE Business Development
Harris Public Safety and Professional Communications

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