



HARRIS CORPORATION

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August 17, 2012

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

Re: Letter of Exhibit, STA for Demonstration in Washington, DC.

Dear Mr. Knapp:

Harris Corporation (Harris) respectfully seeks approval of its proposed Special Temporary Authority (STA) license to operate in the 700 MHz band public safety spectrum, using the 763-768 MHz for uplink and 793-798 MHz for downlink, to demonstrate public safety grade Long Term Evolution ("LTE") equipment in Washington, DC, between October 1, 2012 and November 12, 2012.

Program of Research and Project Objectives:

If granted, the STA license will be used to create a demonstration of an interoperable LTE public safety wireless broadband network (PSWBN), operated by Harris. Operation will be confined to the immediate vicinity of at 600 Maryland Avenue, SW, Washington, DC, 20024 for a demonstration of LTE capabilities. The equipment will include one site with one temporary base station, radiating no more than 1 mile, along with a small number of portable units, including public safety grade tablet computers, all operating at no more than 1 mile from the base site.

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.

Absence of Interference Concerns:

Information from the FCC's ULS databases has been analyzed and it is 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. There were no active public safety licenses granted in the Washington, D.C. area on frequencies that are co-channel to those proposed in this request.

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

Respectfully submitted,

____/S/_____

Patrick Sullivan
Government Relations
Harris Corporation