



HARRIS CORPORATION

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April 2, 2014

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

Re: Request for Experimental License

Dear Mr. Knapp:

Harris Corporation (Harris) respectfully seeks approval of its request to the Federal Communications Commission for an experimental license to operate in the 700 MHz public safety broadband (Band 14) spectrum currently licensed to FirstNet to evaluate, develop, and test public safety grade Long Term Evolution (LTE) technologies in Palm Bay, FL from May 1, 2014 to May 1, 2016.

Program of Research and Project Objectives:

If granted, the experimental license will be used to evaluate, develop, and test wireless technologies to be used by public safety leaders on FirstNet's nationwide public safety broadband network (NPSBN). The planned program will enable key research and development programs to innovate new technologies for the NPSBN. In particular, the program proposed will test new technologies suitable for Band 14 in challenging environments for first responders, including operation of mission critical technologies in open waters and varying and challenging weather conditions. This program will enable Harris to provide new broadband technologies that meet public safety's needs in the most demanding of environments.

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 one temporary base station and associated antennae located at the named demonstration site, along with a small number of portable units all operating at no more than 10 kilometers from the base site for demonstration purposes only.



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STA Disclaimer:

Harris understands that this experimental license will be granted for no more than 2 years and will not attempt to renew this experimental license. If additional demonstration time is desired, a new experimental license request will be submitted.

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 proposed areas 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,

A handwritten signature in black ink, appearing to read "J. Teel".

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