

September 27, 2016
Sue Swenson
Chairwoman of the Board
First Responder Network Authority
c/o National Telecommunications and Information Administration
United States Department of Commerce
1401 Constitution Avenue, N.W., Suite 4898
Washington, D.C. 20230

Re: Request for Experimental License

Dear Chairwoman Swenson:

Harris Corporation (Harris) respectfully seeks concurrence from the First Responder Network Authority (FirstNet) of its request to the Federal Communications Commission for Special Temporary Authorization (STA) to operate in the 700 MHz public safety broadband (Band 14) spectrum currently licensed to FirstNet to demonstrate Long Term Evolution (LTE) at the IACP 111 W Harbor Drive, San Diego, CA 92101 from October 15-18, 2016. Harris' demonstration at the event will feature LTE equipment and showcase to public safety first responders and all stakeholders some of the capabilities of the FirstNet nationwide public safety broadband network. The proposed project will conform to the following parameters:

Program Objectives:

If granted, the STA will be used to demonstrate wireless technologies related to the public safety community on the exhibit floor of the San Diego Convention Center. Operation will only be conducted during the conference business hours and within the boundaries of the Harris Corporation booth. The STA will serve the public interest by providing IACP attendees with an opportunity to test and receive an introductory knowledge of the benefits and capabilities of a Band 14 LTE public safety network.

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 13 meters from the base site for demonstration purposes only. Operation will continue for a total of 5 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 5 days and will not attempt to renew this STA. If additional demonstration time is desired, a new STA 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 San Diego CA, area on frequencies that are co-channel to those proposed in this request. Harris understands that other IACP exhibitors may be operating on the same spectrum within the San Diego Convention Center. Harris will address any interference concerns directly with those exhibitors.

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

Very respectfully,

A handwritten signature in black ink, reading "Michelle Johnson". The signature is fluid and cursive, with a long horizontal flourish extending to the right.

Michelle Johnson
Director, LTE Center of Excellence
Communication Systems
Harris Corporation