

December 14, 2011

Federal Communications Commission
Office of Engineering and Technology
445 12th Street SW
Washington, DC 20554
RE: File No: 0520-EX-PL-2011
Letter of Exhibit
County of Miami-Dade, Florida

Re: **Las Vegas Experimental License.**

Dear Mr. Knapp:

The Las Vegas Metropolitan Police Department respectfully seeks approval of its proposed experimental 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 Long Term Evolution ("LTE") equipment in Las Vegas, Nevada, between February 1, 2012 and August 1, 2012.

Program of Research and Project Objectives:

The proposed project will empower first responders in the Las Vegas area to develop and test practical applications on an LTE network for numerous services, including mobile streaming video, global positioning and automated vehicle location, and push-to-talk voice over IP via the LTE network linking directly with traditional Land Mobile Radio (LMR) users. The pilot program will assess how an LTE system can and should be configured to provide high level communications with priority over lower level transactions, ensuring that critical communications capabilities are maintained even when approaching full air-link capacity. The project will effectively demonstrate the utility of providing first responders with a high-bandwidth private wireless network with high-speed mobile connectivity throughout the coverage area.

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 antennae located at the named demonstration site, along with a small number of portable units all operating at no more than 8 kilometers from the base site for testing purposes only. Operation will occur between February 1, 2012 and August 1, 2012, allowing time during that period for setup and testing, demonstrations, and teardown.

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 Las Vegas, NV area on frequencies that are co-channel to those proposed in this request.

If you have any questions regarding this critical request, please contact:

A handwritten signature in black ink, appearing to read 'Michael Zarack', with a stylized, cursive script.

Michael Zarack, Technician II
LVMPD Radio Systems Bureau
Office: (702) 828-3877
Cell: (702) 445-1331
E-mail: m10164z@lvmpd.com