



November 8, 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: Miami-Dade County Experimental License as Submitted in File No. 0520-EX-PL-2011.

Dear Mr. Knapp:

Miami-Dade County, Florida, 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 Miami, Florida, between January 20, 2012 and July 20, 2012.

Program of Research and Project Objectives:

If granted, the experimental license will be used to create a pilot program for an interoperable LTE public safety wireless broadband network (PSWBN). This network, operated by Miami-Dade County Information Technology Division and using LTE broadband technologies, networks, and devices, will provide first responders, including Miami-Dade law enforcement and fire and rescue, with a single-site network and devices that will allow them to test seamless communications and utilize broadband speeds, data, and applications.

This program will be of significant benefit to Miami-Dade County. Miami-Dade intends to test the ability of an LTE system to meet interoperability and data needs of first responders in a dense urban area in various test scenarios. As result, the program will provide key data on delivery speeds, resiliency, and interoperability. Further, this pilot program will provide information on how a PSWBN should be constructed, utilized, and maintained.

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 8 kilometers from the base site for testing purposes only. Operation will occur between January 20, 2012 and July 20, 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 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 Miami-Dade, Florida area on frequencies that are co-channel to those proposed in this request.

If you have any questions regarding this critical request, please contact Cindy Cast at (305) 596-8607, or Sheryl Vanegas at (305) 596-8909.

Sincerely,

A handwritten signature in blue ink, appearing to read "Cindy M. Cast".

Cindy M. Cast
Radio Systems Manager