

CITY OF NEW ORLEANS

MITCHELL J. LANDRIEU
MAYOR

LtCol JERRY SNEED, USMC, (RET)
DEPUTY MAYOR OF PUBLIC SAFETY

November 9, 2012

Federal Communications Commission
Office of Engineering and Technology
445 12th Street SW
Washington, DC 20554
Letter of Exhibit

Re: City of New Orleans Experimental License

Dear Mr. Knapp:

The City of New Orleans 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 the City of New Orleans, LA between December 14, 2012 and June 14, 2013

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), operated by the City of New Orleans.

The purpose of the proposed project is to provide the various City of New Orleans and local public safety agencies and other interested parties with an opportunity to test and an introductory knowledge of the potential benefits and capabilities of a Band 14 LTE public safety network. The project will provide coverage in the vicinity of the New Orleans Police Department building, City Hall building and downtown New Orleans. The City of New Orleans will run numerous test scenarios and demonstrations to a diverse group of interested parties. In addition to new applications, the City of New Orleans would like to incorporate existing data applications that currently run over a commercial network, utilizing mobile and handheld devices. Installed Stations and associated mobile units will be used for demonstration purposes only, with operations confined to within the buildings in which installed. Radiation of all equipment will be limited to 8 km.

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 two temporary base stations and associated antennae located at the named demonstration sites, 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 December 14, 2012 and June 14, 2013, 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 City of New Orleans area on frequencies that are co-channel to those proposed in this request.

With regard to garnering consent from the public safety licensee as customarily required for this STA request, I have contacted the Public Safety Spectrum Trust (PSST) requesting such consent, but am informed that, given that the license of this spectrum will soon be transferred from PSST and that the STA would commence after such transfer, a consent letter from PSST may not be viable.

Sincerely,

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