



Date: April 27, 2006

To:

Mr. John Kennedy
Federal Communications Commission
Experimental Radio Service
P.O. Box 358320
Pittsburgh, PA 15251-5320

Subject: **RE: Special Temporary Authorization Application (STA) - Experimental**

Nortel Networks hereinafter referred to as "Nortel", wished to apply for an Experimental STA to showcase Nortel's WiMAX 802.16-2004 compliant technology at the Globalcomm tradeshow in Chicago, IL, June 3rd – 8th. The equipment consists of a base station transceiver radio, antenna and subscriber terminals to operate in the 3.5 GHz range using the WiMAX communications protocol. The 3.5GHz band is not authorized for data communications in the US and products operating in this frequency range will not be sold in the US. However, in order to test and demonstrate the performance of the WiMAX protocol, Nortel needs to establish over the air communications links. Nortel is requesting this experimental STA per the requirements and guidelines set forth in 47 CFR §5.55 and §5.56.

Nortel's Point of Contact: Lisa Gregorski
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Regards,

Lisa Gregorski