



Date

March 30, 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 Broadband Wireless World tradeshow in Las Vegas, NV, April 26th – 28th and at the DISA Customer Partnership Conference May 1st – 4th. 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
U.S. Spectrum Regulations
Nortel Networks
2221 Lakeside Blvd.
Richardson, TX 75082
Phone: (972) 684-2369
Fax: (972) 684-3775

Regards,

Lisa Gregorski