



Date June 1, 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 Extension

Nortel Networks hereinafter referred to as "Nortel", wished to apply for an extension to a previously granted Experimental STA (File# 0241-EX-ST-2006) to showcase Nortel's WiMAX 802.16-2004 compliant technology with our customer, Cablevision located in Bethpage, NY from July 10th – August 31st. (extended from our previous dates of May 1st – June 1st, 2006, due to lack of availability of demonstration equipment.) 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.

The STA is required for demonstration of WiMAX technology. This product will be used to demonstrate the capabilities of the technology for export only and would not be offered for sale.

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Regards,

Lisa Gregorski