



Date

March 29, 2006

To:

Mr. John Kennedy

Federal Communications Commission

Experimental Radio Service

P.O. Box 358320

Pittsburgh, PA 15251-5320

Subject: RE: Modify existing nationwide license (K12XAH) - Experimental

Nortel Networks hereinafter referred to as "Nortel", wish to amend our existing nationwide license (Call Sign: K12XAH, File# 0034-EX-RR-2004) to include the 3.5 GHz frequency range. These frequencies will be used for demonstration purposes to showcase Nortel's WiMAX 802.16-2004 compliant technology equipment intended for export. 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 Nortel will not use this band for growth or development, all products operating in this frequency range are for demonstration for export and 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 modification per the requirements and guidelines set forth in 47 CFR §5.55 and §5.56. This amendment will decrease the burden on the FCC in having to file multiple STAs for the upcoming demonstrations throughout the US.

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Regards,

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