From: Paxman, Robert [Robert.Paxman@intel.com]
Sent: Wednesday, April 09, 2003 7:50 AM
To: 'Rick'
Subject: FW: DELL E2K24CLNS (3984)

Importance: High

Rick,

Below is the email from Stuart Nicol of Aprel Labs and his conversation with the FCC regarding using the higher output power for the SAR results.

Please forward to ATCB.

Also attached you will find the additional SAR graphs from Aprel Labs requested by ATCB.

I will complete the attestation on the radio not being in saturation at the SAR output power level and get this off to you next.

Robert Paxman
Compliance Engineer
Wireless Networking Division
Intel Corporation
Ph: 805.376.6702

-----Original Message-----
From: S.Nicol@Aprel.com [mailto:S.Nicol@Aprel.com]
Sent: Tuesday, April 08, 2003 2:06 PM
To: Robert.Paxman@intel.com
Cc: mperrine@fcc.gov; Jim.Baer@intel.com
Subject: DELL E2K24CLNS (3984)

Dear Robert,

Concerning the issue with the above named FCC-ID I have subsequently spoken with Mr. Martin Perrine from the FCC and asked his advice concerning the response from Mr. Dennis Ward (ATCB) requesting that the above named project be reassessed.

My understanding is that the EMC lab assessed this unit with a conducted power of 16.8 dB.

As per your request, and to have a more conservative approach to SAR assessment, we assessed the unit at a conducted power level of 17.8 dB.

I have explained to Martin Perrine at the FCC that the Mini PCI card as tested has a rather large range in respect to power, and that when we assessed the unit at 17.8 dB for SAR we were not saturating the amplifier.

I have explained to Martin, Intel's approach to assessing SAR, and that your organization would rather adopt a more conservative approach, when assessing for SAR.

During my conversation with Martin, he advised me that it would not be necessary for us to reassess the above names device, as long as Intel attest to the fact that the amplifier was not saturating during the SAR assessment at 17.8 dB. I would ask that you provide Dennis Ward, an attestation statement to this effect and provide him further explanation to Intel's approach to assessing SAR.

Martin did point out that the conducted value of 16.8 dB measured by the EMC lab will remain on the grant, and that if in the future Intel decide to release this card, at the same conducted power of 17.8 dB at which SAR was assessed a new grant would have to be applied for.

I hope that I have been of assistance to you in this matter.

Regards,
Stuart Nicol.