

Dward ATCB

From: kare.oksanen@nokia.com
Sent: 10/25/2006 5:06 AM
To: dward@atcb.com
Subject: RE: LJPRX-34_ATCB004168

Hi Dennis,

The power levels quoted in EMC reports (as well as in SAR reports for the FCC) are peak power levels. However, SAR is proportional to the time-averaged output power, not peak. WLAN DSSS modes have higher time-averaged powers than OFDM modes by several dBs. The chosen test mode WLAN DSSS 1Mbps has the equal time-averaged power of all the WLAN DSSS modes available in the product. The sample used in both radiated EMC and SAR tests has actually been the same.

Best Regards,
Kare

PS. TCC Copenhagen listing papers have laid in the FCC for several weeks now. So the process is ongoing, but looks like they are more or less stuck. Do you have any idea, who we should ask from there?

From: ext Dward ATCB [mailto:dward@atcb.com]
Sent: 24 October, 2006 23:42
To: Oksanen Kare (Nokia-TP/Oulu)
Subject: RE: LJPRX-34_ATCB004168

Hi Kare

In regards to your answer about radiated power for SAR. Please remember that while the FCC may allow up to 3dB difference between the SAR and EMC report, when there is a difference the SAR report MUST be the higher power. Please look at the radiated power in the EMC report and SAR reports. The EMC has a max radiated power of 23.34dBm while the SAR only shows 22.01dBm. This needs to be addressed.

Thanks

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