

Nokia Responses to FCC Correspondence 3932:

-----Original Message-----

From: ext oetech@fccsun34w.fcc.gov [[<mailto:oetech@fccsun34w.fcc.gov>](mailto:oetech@fccsun34w.fcc.gov)]

Sent: Wednesday, April 24, 2002 12:58 PM

To: Hanni Jorma (NMP/SanDiego)

Subject: Request for additional information

To: Jorma Hanni

From: Martin Perrine

mperrine@fcc.gov

FCC Equipment Authorization Branch

Re: FCC ID: GMLNHP-2FX

Applicant: Nokia Inc

Correspondence Reference Number: 3932

731 Confirmation Number: TC213019

Date of Original Email: 04/24/2002

Subject: Request for additional information

In regards to your recent application referenced above we kindly request that you address the following matter(s).

Please remove any outdated exhibits from the EAS system. Several duplicate or unnecessary items are on exhibit. Please note that there is an item titled "revised SAR report" which contains an EMC report.

In regards to your recent application referenced above we kindly request that you provide the following additional information

New table corresponding to that on page 11 of 22 summarizing all the various liquid dielectric parameters relevant to this testing. The 1880 MHZ head liquid measured values stated differ from those on the test SAR plots; however, the 1880 MHZ values appear to agree with the values on the dipole validation SAR plots taken at 1800 MHZ. Please clarify and justify any discrepancies.

[Please find attached table with corrected liquid parameters in file GMLNHP-2FX\\_Corrected\\_Liquid\\_Parameters.pdf.](#)

Strong justification for the probe conversion factor used for

muscle testing. No calibration certificate could be found.

[Updated page for the Calibration Certificate from SPEAG is enclosed as file GMLNHP-2FX\\_Updated\\_Page\\_for\\_ET1431\\_Calibration\\_Certificate.pdf.](#)

1 gm SAR values corresponding to all dipole validation plots included in the test report. Also, please justify the measured value 38.08 reported on page 10 of 22. No corresponding SAR plot could be located. One dipole SAR plot reporting 10.1 w/KG SAR was found for 250 mW of forward power. This differs from expected. Please clarify.

[Please find attached corrected table and validation SAR plots in files GMLNHP-2FX\\_Table\\_of\\_Validation\\_Results.pdf and GMLNHP-2FX\\_Validation\\_Plots.pdf.](#)

Confirmation that the device outline drawn on the body-worn SAR plots is correctly located. The SAR hotspot is in an unexpected location. Also, please provide SAR values for both hotspots.

[The equipment scans the hot spot having highest SAR. We do not have additional data for the other spot. Scannings from the two other channels support conclusion that the highest SAR has been on left hot spot as reported in the original SAR report. Device position has been corrected to the SAR plots. The SAR plots from the three channels are enclosed in file GMLNHP-2FX\\_Corrected\\_Body\\_Plots.pdf.](#)

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of the original e-mail date may result in application dismissal pursuant to Section 2.917(c).

DO NOT Reply to this email by using the Reply button. In order for your response to be processed expeditiously, you must upload your response via the Internet at [www.fcc.gov](http://www.fcc.gov), E-Filing, OET TCB Electronic Filing, TCB Login. If the response is submitted through Add Attachments, a message which informs the processing staff that a new exhibit has been submitted must also be submitted via Submit Correspondence. Also, please note that partial responses increase processing time and should not be submitted.

Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender.

