



American Telecommunications Certification Body Inc.
6731 Whittier Ave, McLean, VA 22101

July 24, 2002

RE: Nokia Mobile Phones, Inc.

FCC ID: GMLNPD-1AW

After reviewing the revised SAR report, I have a few comments on the above referenced Application.

SAR Report:

- 1) The SAR report should include a brief description of maximum device rating (power) for each operating mode and frequency range tested (i.e. section 2.1 of the revised test report).
- 2) Powers in SAR report must agree with EMC report and tune-up procedure. Conducted power in SAR report should be greater than or equal to what's in EMC report, but not exceeding tune-up/tolerance. It appears that the power given in sections 1.1.1 & 1.1.2 are lower than that specified in the EMC report.
- 3) The SAR test report should state that the device complies with FCC Part 2.1093 Requirements.
- 4) The original test report provided information as to the procedure used to establish the test signals described (put phone on a call, e.g., base-station simulator vs internal test codes)? However, this information does not appear in the new report.
- 5) The target and measured peak and 1-g SAR for the system verification accuracy should agree within 10%, but two verifications exceeded this for the Head at 1800 MHz. Please explain.
- 6) The scan procedure (section 5.2) states that the peak SAR location is determined by the extrapolated data from the coarse scan. Usually interpolation is applied for this scan, while extrapolation is applied to determine phantom surface SAR. Please clarify which is used.
- 7) The 3rd SAR scan plot provided contains a note "Pwr lowered". Please explain what this note means.
- 8) Tissue dielectric properties were not listed in section 4.9/4.10 of the report for tests dated 5/1/02 & 5/2/02.
- 9) The tissue dielectric properties given on the SAR plots vs. section 4.9/4.10 do not match for testing performed on 4/15/02 & 4/16/02. Please explain.
- 10) FYI, The table in section 4.2 in the revised test report appears to be mislabeled in the frequency column on the second page.

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The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information may result in application termination. Correspondence should be considered part of the permanent submission and may be viewed from the Internet after a Grant of Equipment Authorization is issued.

Please do not respond to this correspondence using the email reply button. In order for your response to be processed expeditiously, you must submit your documents through the AmericanTCB.com website. 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 sender.