



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

March 11, 2002

RE: Nokia Mobile Phones

FCC ID: GMLNPM-8

I have a few comments on this Application.

- 1.) Please remember to always provide an FRN on each Application.
- 2.) Please provide further details on the RF Power Radiated test. It appears that simple measurements of field strength mathematically converted to EDRP or EIRP were performed. Please note the FCC currently accepts only the antenna substitution method. It is unclear how your results were obtained.
- 3.) FYI: It would be helpful if Conducted RF Pout was available on all three channels in both bands.
- 4.) Occupied Bandwidth Plots in Section 7 do not show RBW or VBW. In addition, it is unknown how reference levels on these spectrum plots were obtained. Please review.
- 5.) Emissions in Rx Critical Bands do not indicate measurement bandwidths.
- 6.) Please provide justification for requested emission designator.
- 7.) Internal Photographs are a bit dark. In addition, all RF shields must be removed.
- 8.) External Photographs are marginal. In the future, please try and reduce the grainy effects.
- 9.) SAR Report: Section 1.1: For my convenience, please note that the maximum head and body worn values for each band must be reported
- 10.) Tuning procedures seem to indicate up to two watts conducted in GSM 850 and 1 watt conducted in GSM 1900 is available. Were these values used during SAR testing? Explain.
- 11.) Is equipment capable of interfacing to a computer and acting as a wireless high speed modem? If so, then body worn SAR configurations using multiple timeslot data rates may be justified.
- 12.) Manual should make it clear that only Nokia body worn accessories are approved for body worn SAR. The existing statement on pp. 133 of 155 is too broad.
- 13.) FYI: Please be sure all plots indicate temperature of the medium.
- 14.) Please provide Z-axis plot at max SAR value for body worn and face held positions in each band. Identify depth of liquid.

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President and Examining Engineer

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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.