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

June 13, 2003

RE: Nokia, Inc.

FCC ID: GMLRH-40

After a review of the submitted information, I have a few comments on the above referenced Application.

EMC Report/General:

1) The label must generally be viewable from the exterior of the device with the exception that it may located inside the battery compartment but not be located on the battery itself. From the photographs provided showing mainly the internal board assemblies, it can not adequately be determined if the label is viewable once the device is assembled. Please provide a photograph with the device fully assembled (but battery compartment open and battery removed as necessary) that shows that the label is viewable.
2) The parts list referenced in previous question 4) does not appear to have been provided.
3) Please comment on the DC voltages associated with the DC currents given in previous question 5.
4) The FCC has recently notified us that we must show compliance off the occupied bandwidth at each Block Edge (A, B, A', B'). However, it only needs to be done for the worse case modulation. The worse-case modulation accepted by the FCC is considered the one with the widest bandwidth since that will require the greatest 1% measurement RBW to be used.
5) Carson's Rule calculations could not be found in the new reports (2M + 2 DK) as specified. Please help me locate these. Additionally, please see examples in the attached document that gives an idea of what we are looking for.
6) The occupied bandwith plot provided for TDMA does not show the measured bandwidth for 99% of the power. Please provide a plot that includes this information.
7) The previous request should have included a request for the occupied bandwidth plots for various AMPS modes as well (unmodulated, voice, SAT, DTMF, SAT + voice, SAT + DTMF).
8) Please explain the use of 2700 Hz in the frequency modulation plots. The FCC has typically preferred 2500 Hz.

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SAR Report:

9) Regarding the use of 835 and 900 MHz dipoles, please note that the FCC has specified that the verification must take place within TX Band (See attached OCT 2002 training Day 4 Session 2). Since both were used during this testing we will accept the results. However, please be aware that the FCC could ask for corrected reading and future reports should use the 835 MHz dipole.
10) Regarding previous question 14), the FCC has been asking for new measurements to be made when the 5% tolerance is exceeded. The explanation provide seems to no longer be considered adequate to the FCC. Please reference email attached regarding acceptance > 5%.

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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.