M. Flom Associates, Inc. - Global Compliance Center
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January 24, 2002

Attention: Martin Perrine

Applicant: Nokia Inc.
Equipment: FCC ID: GMLNPW-2NX EA143962
Reference: Correspondence Number 21786

EMC
1) Please see accessories list by Nokia uploaded to the Parts List Exhibit.

2) Please see Tuning Range by Nokia uploaded to the Operational Description Exhibit.

3) Necessary Bandwidth = 2(M + DK)
   a) Bn = 2(6 + 12 + 2) = 40K0F8W (Voice + ST or +SAT)
   b) Bn = 2(10 + 8 + 2) = 40K0F1D (WBD)
   c) Bn = 2(3 + 12) = 30K0DXW (TDMA)

4) D.C. Currents by Nokia: Uploaded into the Operational Description Exhibit.

5) Parts List by Nokia: Uploaded to the Parts List Exhibit.

6) Please see item 2

7) Antenna: Please see photo uploaded to the Internal Photo Exhibit.

8) Emission Mode = Analog (Worst Case) Power. Please advise where in rules, EIA/TIA-603A Carrier Power Substitution Method is called for in Rule Part 24, TDMA 1900 Mode.

9) ST Compliance: The peak falls on exactly Fc ±20 kHz. Rule 22.917(b)(1) states "…by more than 20 kHz but…"

10) Occupied Bandwidth (TDMA 800) Please see page 39 of Test Report. Band edge measurements may be called for under Rule Part 24. Where are they called for under Part 22H?

11) Rule 22.917(f) pertains to the Analog Mode.

12) For analog mode, Section 22.917(h)(ii) 30 kHz was used as it is automatically set by our propriety instrumentation software and is worst case.

continued…

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13) Burst Nature: EMI Measurement Receiver (HP 8546A) is set at a very slow scan rate.

14) Photo of Radiated Emissions test uploaded to the Test Set Up Photos Exhibit.

15) Bn = 2(M + D)
= 2(3 kHz max response + 12 kHz) = 30K0DXW

16) 47 CFR Rules for Resolution Bandwidth. Our propriety software automatically sets our instrumentation to the proper value.

SAR
1) Please see EMC item 1 (above).

2) Photos of Head Test Setup by Nokia uploaded to the RF Exposure Exhibit.

3) Please see Nokia reply regarding Liquid Depth of 15 cm ± 0.5 m uploaded to the RF Exposure Exhibit.

4) User Manual Statements by Nokia uploaded to the RF Exposure Exhibit.

5) Please see E-field probe information on same page with Liquid Depth attachment uploaded to the RF Exposure Exhibit.

6) Please see the SAR Report.

We trust this meets the requirements of the Commission.

Sincerely yours,

Morton Flom, P. Eng.