

TCC San Diego
Mary Washington

01 August 2002

- 1) The device operates at power class III for CDMA 800 and power class II for CDMA 1900.
- 2) ERP/EIRP power levels in EMC report are higher than conducted power levels in SAR report. We did not notice conflicts between conducted power levels in those reports.
- 3) The device GMLNPD-1AW complies with FCC Part 2.1093 Requirements.
- 4) GMLNPD-1AW (Nokia 3585) was put in operation using an Agilent E8285A Mobile Station Test Set. Communication between the phone and the tester was established by air link using a Schwarzbech BBHA 9120 rigid horn antenna.
- 5) We agree that two system verification results for the head at 1800 MHz are +10,2% from the reference result. This is contributed by higher conductivity and lower permittivity of the liquid compared to the target values. As the system verification results are 10,2% higher than reference result, the actual SAR results are expected to be overestimated.
- 6) Interpolation is the correct word in that context as you suggest in your comment.
- 7) "Pwr lowered" has no meaning in the report. The power levels used in the SAR measurements are consistent with the power levels to be used in mass production.
- 8) The referred liquid parameters were measured on 4/30 and those were used also 5/1 and 5/2. System validation results on 5/1 and 5/2 are closer than 3% from reference value and there is no reason to believe that actual SAR results of those days would have higher uncertainty. Additionally, the highest result measured on 5/1 and 5/2 is 0,98. The highest result for GMLNPD-1AW found in the whole SAR evaluation is 1,28.

The highest SAR result of GMLNPD-1AW has not changed because of use of 4/30 liquid measurement results also on 5/1 and 5/2 and there is no question about compliance of GMLNPD-1AW with the guidelines listed in the report.
- 9) The liquid parameter values in the table are correct. The liquid parameters used in the referred actual SAR measurements of 4/16 have too high conductivity and too low permittivity. If the evaluations had been made with the correct values, the results would have been lower.

We did not notice discrepancies in 4/15 liquid parameters.
