PCTEST®
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June 18, 2002

Federal Communications Commission
Equipment Approval Services
7435 Oakland Mills Road
Columbia, MD 21046
Attn: Mr. Martin Perrine

SUBJECT: **Samsung Electronics Co., Ltd.**
FCC ID: A3LSPHA512
731 Confirmation No.: TC853134
Correspondence Reference No.: 4336
Request for Tech. Info.: 6/06/02

Dear Martin:

Transmitted herewith, on behalf of **Samsung Electronics Co., Ltd.** is an amendment provided in response to the request for technical information dated June 6, 2002.

1. Please find attached the retested SAR Test data for the CDMA right head cheek position using the slim battery.
2. The PCTEST Lab ALIDX-500 system version 4.08 has calibration software built into the system. This software is commercially available from IDX and is used by PCTEST Lab for calibrating probes used with the IDX system. The probe was calibrated according to IEEE std 1528-200x (A.3.2.2.). The validation dipole construction procedures followed the IEEE std. 1528.
3. PCTEST Lab is currently reviewing the document for which they requested confidentiality to insure that it conforms to the requirements of the FCC rules for withholding information. Test data that is contained in the report has been left in the report to facilitate review of the report by the FCC. However, the test data contained in this section has been duplicated and submitted in a public file along with the SAR plots. The "PCTEST operational description SAR report" contains confidential business information that PCTEST Lab does not release to the public and accordingly does not wish to have made available to the public via the FCC files. PCTEST Lab is aware that the issue of confidential treatment of this report is under review by the OET legal counsel and possibly by the Office of General Counsel of the Commission. Pending a decision by the appropriate authorities, PCTEST Lab will continue to request confidential treatment of the file identified as "PCTEST operational description SAR Report". If the determining authority decides this information cannot be held confidential, PCTEST Lab will inform the Lab as to their intentions to appeal that decision or accept the decision. In the event PCTEST Lab accepts the decision, we will not pursue continued confidential treatment of the report and will assist the Lab in any way possible regarding correcting existing records.
4. Please find attached the revised operational description of CDMA mode.

5. EXAMPLE: Channel 0363 mode 2nd harmonic (1671.78 MHz). The receive analyzer reading at 3 meters with the EUT on the turn table was –91.8 dBm. The gain of the substitute antenna is 6.1 dBd. The signal generator connected to the substituted antenna terminals is adjusted to produce a reading of -91.8 dBm on the receive analyzer. The cable loss of the cable between the signal generator and the terminals of the substituted antenna is 1.0 dB at 1671.78 MHz. So 5.1 dB is added to the signal generator reading of –51.77 dBm yielding –46.67 dBm. The fundamental ERP was 25.833 dBm so this harmonic was 25.833 dBm – (-46.67 dBm) = 72.5 dBc.

We trust this information is sufficient to resolve FCC questions in this application. If you have any further questions, please do not hesitate to contact us.

Randy Ortanez
President

cc: Samsung Electronics Co., Ltd.