

August 30, 1999

Federal Communications Commission
Equipment Approval Services
7435 Oakland Mills Road
Columbia, MD 21046
Attn: Greg Czumak / Kwok Chan

SUBJECT: Samsung Electronics Co., Ltd.
FCC ID: A3LSCH2510
731 Confirmation Number: EA94623
Correspondence Reference No.: 9353
Request for Tech. Info.: 08/24/99

Dear Greg / Kwok:

Submitted herewith, on behalf of Samsung Electronics Co., Ltd., is an amendment in response to your e-mail dated August 24 requesting additional information for the subject application.

1. The ERP and EIRP of the CDMA emission were determined by mathematical conversion from the field strength measurement data with the following settings: RBW = 3MHz, VBW = 3MHz, Detector Function = Peak. Please see attached revised Page 10 of the test report.
2. Attached are the SPEAG SAR test system dipole validation results (800MHz & 1900MHz bands) from the SAR system manufacturer, and PCTEST Lab's validation results for comparison, with tabulated data and plot including tissue dielectric parameters.
3. Attached are the resubmitted SAR data sheets reflecting conducted output power plus cable loss (in Watts) to correspond with the SAR plots.
4. The phone has three battery options (Extended-life, Mid-life, Standard-life). Attached are the resubmitted SAR data sheets indicating the three battery options.
5. Attached are the resubmitted SAR test plots indicating the crest factor used for all SAR tests.
6. Attached is the E-field probe calibration information confirming the calibration is current.
7. The radiated tests with the Mid-life and Standard-life batteries were performed at 824.04 MHz test frequency. We have retested the phone with Mid-life and Standard-life batteries in the AMPS mode at 836.49 MHz. Please see attached ERP test data (Page 8) for AMPS mode. The two PCS SAR test plots indicating 23dBm conducted output power is a typographical error. The actual conducted output power is 22dBm plus 2.3 dB cable loss. Please see attached resubmitted SAR test plots.
8. The test frequencies on the SAR data sheets are correct. Please see attached resubmitted SAR plots listing the correct test frequencies.

We trust this information is sufficient to issue the grant. Should you have any further questions, please do not hesitate to contact us. Thank you.

Sincerely,


Randy Ortanez
President & Chief Engineer