

December 3, 2001

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

SUBJECT: Samsung Electronics Co., Ltd.
FCC ID: A3LSCHN315
731 Confirmation No.: EA102386
Correspondence Reference No.: 20874
Request for Tech. Info.: 10/10/01

Dear Martin:

Transmitted herewith, on behalf of **Samsung Electronics Co., Ltd.** is an amendment provided in response to the request for technical information dated October 10, 2001.

1. We would like to inform you that the tested sample was a pre-production prototype. The shield shown in the internal photos will be constructed in the same fashion for the mass production units. Since the shield made for mass production units will be produced with the same dimensions as the tested unit, very small variances will be expected.
2. PCTEST requires that all phones for test be tuned up by the applicant before testing and no retuning is allowed during the testing, therefore no use of cables shown is required. The only cable used is the RF cable that is needed to take conducted measurements for EMC and SAR Tests. During these test the cable loss for 800MHz and PCS band is taken into consideration.
3. EXAMPLE: Channel 0383 AMPS Mode 2nd harmonic (1672.98 MHz). The receive analyzer reading at 3 meters with the EUT on the turn-table was -89.0dBm. The gain of the substituted antenna is 6.1dBd. The signal generator connected to the substituted antenna is 1.0dB at 1672.98 MHz. So 5.1 dB is added to the signal generator reading of -49.27 dBm yielding -44.17 dBm. The fundamental ERP was 26.23 dBm so this harmonic was 26.23 dBm (-44.17 dBm) = 70.4 dBc.

We trust this information is sufficient for the immediate grant of this application. If you have any further questions, please do not hesitate to contact us.


Randy Ortanez
President

cc: Samsung Electronics Co., Ltd.