

August 13, 2002

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

SUBJECT: Samsung Electronics Co., Ltd.
FCC ID: A3LSP10BT
731 Confirmation No.: TC920247
Correspondence Reference No.: 4676
Request for Tech. Info.: 7/17/02

Dear Andy:

Transmitted herewith, on behalf of **Samsung Electronics Co., Ltd.** is an amendment provided in response to the request for technical information dated July 17, 2002.

1. We confirm the conducted power could not be measured.
2. The EIRP for channel 40 (2441 MHz) was measured at a 3 meter distance on our OATS. The turn table and antenna mast were adjusted to obtain the highest reading on a receiver spectrum analyzer with RBW and VBW set at 3MHz each. A horn antenna driven by a signal generator was substituted in place of the EUT and adjusted to match the -50.42 dBm receiver spectrum analyzer reading. (The horn antenna used during the substitution has a gain of 8.7 dBi at 2441 MHz.). The power at the antenna terminals of the substituted horn was -14.4 dBm. This value was corrected by adding the 8.7 dBi gain of the horn to yield -5.8 dBm for EIRP.
3. To measure the spectral density of channel 40 the same procedure that was used in item #2 was followed but the VBW and RBW were set at 3 kHz each and the sweep time was set at 1000 Seconds. The power at the antenna terminals of the substituted horn was -27.7 dBm. This value was corrected by adding the 8.7 dBi gain of the horn to yield -19 dBm.
4. Please find attached the revised RF exposure exhibit stating that SAR evaluation is not needed for this device.
5. Please find the revised copy of the Grant deleting the second sentence of the Grant condition.

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.**