
Dear PCTEST,

Thank you for your cooperation.
Please find the attached files and my response below;

If you have questions or comments on this application, please do not hesitate to contact us.
Thanks and Best Regards,
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----- Original Message -----

From: Sent: Thursday, February 21, 2008 1:11 AM
Subject: Questions Regarding FCC ID: BEJKM710D

To: Ms. Sun-Hee Kim / HCT
From: Mr. Gregory Czumak / PCTEST TCB
RE: FCC ID: BEJKM710D
Applicant: LG Electronics Inc.
Correspondence Reference Number: BEJ80105
Confirmation Number: 802150105-07
Date of Original Email: February 20 , 2008

Subject: Request for additional information

In regards to your recent TCB application referenced above, we kindly request that you provide the following additional information.

1. We note the following discrepancies in the Part 22/24 output power measurements: In the PCS band, the GSM conducted power levels are more than twice the EDGE levels (more than 3 dB), but the radiated levels are less than 1 dB apart. In the cellular band, the conducted power level differences between GSM and EDGE are almost 6 dB apart, but the radiated levels are only 1.6 dB apart. Please explain.

→ [We attached the revised RF Report.](#)

2. The head SAR plots for the cellular band apparently show an incorrect conversion factor (6.26 instead of 6.29, as is shown in the cal report and validation plots). Please recalculate the cellular head SAR levels using the correct conversion factor and submit the new data (including the z-axis plot).

→ [We attached the revised SAR Report.](#)

3. The max head SAR shown on p.3 of the SAR report is incorrect. The results from question #2 will likely change this value again. Please be sure it is corrected in the report.

→ [We attached the revised SAR Report.](#)

4. The Bluetooth EDR 20 dBc bandwidths are greater than 1 MHz wide, but the conducted output power for EDR was measured with RBW = VBW = 1 MHz. Please remeasure EDR mode output power using a RBW/VBW greater than the 20 dBc bandwidth of the emission and submit new data.

→ [We attached the revised BT Report.](#)

5. Page 43/53 of the BT report lists an extended battery, which is not mentioned anywhere else in the report. If this is a typo, please correct. If not, please submit ERP/EIRP and SAR data with the extended battery, as required.

→ [We attached the revised BT Report.](#)

6. The test set-up photos for the 15B AC line conducted test show an incorrect test set-up (no other support equipment on the test stand). Was the EUT tested this way? If so, please retest AC line conducted emissions in accordance with the configuration requirements of ANSI C63.4 and submit new data and set-up photos.

→ [We attached the revised EMI Report.](#)

7. Please submit the User's Manual, including all of the required information.

→ [We attached the revised User's Manual.](#)

The items indicated above must be submitted before processing can continue on the above referenced application.

Sincerely,

Gregory Czumak
Quality Manager
Senior Certification Engineer

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