
From: SunHee Kim (HCT)
Sent: Friday, May 15, 2009 6:17 AM
To: PCTEST TCB/CB
Subject: Re: Questions Regarding FCC ID: BEJGD900 (1)

Dear Steve,

Thank you for your comment.
Please find the revised files and replies are embeded below your questions.
Please give me the Grant without the confirmation request process.
We hope we can get the Grant without further comments.
Should you have any questions, please let me know.

Best Regards,
SunHee Kim

=====

Ms. SunHee Kim

Engineer, Product Compliance Division

=====

----- Original Message -----

From: [PCTEST TCB/CB](#)
To: [HCT - SunHee Kim](#)
Subject: Questions Regarding FCC ID: BEJGD900

To: Ms. Sun-Hee Kim / HCT
From: Mr. Steve Liu / PCTEST TCB

RE: FCC ID: BEJGD900

Applicant: LG Electronics Inc.
Correspondence Reference Number: BEJ90562
Confirmation Number: 905070562-65
Date of Original Email: May 14, 2009

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. Please submit a more detailed Operational Description for both the WLAN and BT transmitters.
[==> Please find the revised Operational Description for WLAN & BT.](#)
2. Please submit a plot demonstrating compliance with the 13 dB PAR limit of the EUT in PCS EDGE mode.

==> We revised the RF test report.

3. Please confirm that WLAN conducted output power measurements are peak measurements, and not average.

==> We confirm that WLAN conducted output power measurements are peak.

4. On p.11/55 of the WLAN test report, the statement at the top indicates that the EUT was connected to an RF power sensor, however, the diagram on that page, and the data plots, show that a spectrum analyzer was used. Please revise the statement and resubmit.

==> We revised the WLAN test report. The spectrum analyzer was used.

5. Please provide both 802.11b and 802.11g SAR results, since 802.11g powers are more than 0.25 dB higher than that of 802.11b.

==> We had missed out the 802.11b data during generating the report. So we attach the revised SAR report which has both 802.11b and 802.11g.

6. 2.4 GHz SAR tests were performed with an expired probe. Please re-test using a SAR probe that has been calibrated within a 1 year calibration cycle.

7. Please provide 2.4 GHz validation for the WLAN SAR test with corresponding dates.

==> As for 2.4 GHz testing, we had conducted the testing on March 15, 2009 with Probe SN: 3161.

We used this probe since the probe calibration due date was on April 7, 2009. Therefore, we confirm that the SAR results are acceptable.

8. Please provide liquid results for the 2.4GHz SAR tests.

==> Please double-check the SAR report on page 94 and 95/133.

9. Page 4/133 of the SAR Report indicates SAR was 802.11b, but it is not clear from the conducted power levels. Please confirm which 802.11 mode the max. SAR represents in 2.4 GHz.

==> We revised the report on page 4.

10. Please include Multiple Transmitters analysis of Pref (page 20/133) for the WLAN transmitter. Only Bluetooth was found.

==> We indicated that the simultaneous transmission on SAR is not required for WLAN on page 20 of 113.

Please find the revised SAR report.

11. WLAN frequency operations are incorrectly stated on Page 3 of the Part 15B Report. Please amend.

==> Please find the revised 15B test report on page 3.

FYI Please note that, in accordance with Section 2.1033(b)(3) of the FCC Rules, the final version of the user's manual for this device must be uploaded to the FCC database when it becomes available. If the EUT is not marketed in the U.S., and the final version of the user's manual is not in English, please submit a statement confirming these facts, and also confirming that all of the required information to the user regarding RF exposure compliance is indeed provided in the manual.

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

Sincerely,
Steve Liu
Certification Engineer

PCTEST Engineering Laboratory, Inc.
6660-B Dobbin Road
Columbia, MD 21045
410-290-6652
410-290-6654 (Fax)
steve@pctestlab.com

This communication and its attachments contain information from PCTEST Engineering Laboratory, Inc., and is intended for the exclusive use of the recipient (s) named above. It may contain information that is confidential and/or legally privileged. Any unauthorized use that may compromise that confidentiality via distribution or disclosure is prohibited. Please notify the sender immediately if you receive this communication in error, and delete it from your computer system. Usage of PCTEST email addresses for non-business related activities is strictly prohibited. No warranty is made that the e-mail or attachment(s) are free from computer virus or other defect. Thank you.