
From: Harvey Sung
Sent: Wednesday, December 22, 2010 1:39 AM
To: 'PCTEST TCB/CB'
Subject: RE: Questions Regarding FCC ID: BEJC550

Dear All,

I addressed your comments as below.
Please refer to below my responses.

Best regards,
Harvey Sung

From: PCTEST TCB/CB
Sent: Tuesday, December 21, 2010 9:21 AM
To: DIGITAL EMC - Harvey Sung
Subject: Questions Regarding FCC ID: BEJC550

To: Mr. Harvey Sung / Digital EMC Co., Ltd.
From: Mr. Mark Czumak / PCTEST TCB

RE: FCC ID: BEJC550

Applicant: LG Electronics Inc.

Correspondence Reference Number: BEJ101455
Confirmation Number: Y1012171455-8
Date of Original Email: December 20, 2010

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. The Bluetooth and WLAN operational description documents only provide the antenna average gain. Please revise to include the antenna peak gain for determination of power reductions.
 - Revised document was uploaded.
2. Please provide an antenna location document including the distances between the

licensed and unlicensed antenna radiations.

- This included in the internal photos. Please refer to revised internal photos.

3. According to the conducted power data provided in the table in section 12 of the SAR test report, EDGE SAR data is required. Please revise the test report to include SAR data for Cellular 4-slot and PCS 3 and 4-slot transmission.

- SAR Tests for Both CEL/PCS EDGE were performed and report is revised.

But I have a question for Cellular 4-slot EDGE SAR as below.

Questions : According to the following requirement, It seems that Cellular 4-slot EDGE SAR is not required for this device. Could you please explain for this ?

“Section 6.3.1, Operational mode: the procedures explained in footnote 11 of the standard may be applied to reduce SAR test requirements for GPRS and EDGE modes when the source-based time-averaged output power for each data mode is lower than that in the normal GSM voice mode.”

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4. The note on page 23 of the SAR test report regarding 802.11g SAR requirement is correct in that average powers are required for SAR determination requirements but the data provided in the WLAN power tables and the WLAN report are peak power levels.

Please revise to include WLAN average power levels and if necessary, SAR data.

- WLAN Average Power is included on the revised SAR test report.

5. The targeted SAR level for 2450 MHz provided in the table in section 9.2 of the SAR test report does not match the data provided in the dipole specification sheets. Please address.

- Corrected.

6. The ERP value given in section 1 of the 22/24 test report does not match the value on page 17 of the report. Please reconcile the data.

- Section 1's ERP value is corrected.

7. The FCC ID provided in the 15B Certification report test photos is incorrect. Please revise.

- Corrected.

8. The Bluetooth Operational Description document is locked. Please provide an unlocked

document.

- Unlocked. And re-uploaded.

FYI: In the header row of the test equipment table in section 4 of the 22/24 test report, the calibration date is shown as a calibration due date.

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

Sincerely,

Mark Czumak
Certification Engineer

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410-290-6654 (Fax)

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