
From: 임지영
Sent: Wednesday, April 14, 2010 3:34 AM
To: '한봉효'; 'PCTEST TCB/CB'
Subject: RE: Questions Regarding FCC ID: BEJGT540G

Dear PCTEST,
We send the revised test report.
Please check the attachment files.

1. The modulating signal listed in section 7.7.4 of the 22/24 Certification report is incorrect. Please revise to match the data provided in that section.
→ Miss Lim will get you the response soon.
HCT → Please find the attachment.
2. 10. The test photos for radiated data provided in the 22/24 Certification test photo document only show two test positions. Please verify that the EUT was tested in three orthogonal planes for this test.
→ Miss Lim will get you the response soon.
HCT → Please find the attachment.
3. The test photos for radiated data provided in the Bluetooth test photo document only show two test positions. Please verify that the EUT was tested in three orthogonal planes for this test.
→ Miss Lim will get you the response soon.
HCT → Please find the attachment.

Best Regard,
Ji-Young Lim

From: 한봉효
Sent: Wednesday, April 14, 2010 1:02 PM
To: PCTEST TCB/CB; HCT - SunHee Kim
Subject: Re: Questions Regarding FCC ID: BEJGT540G
Importance: High

Hello PCTEST TCB,
Thank you for your e-mail.
Please see below and find the attachments.
Thank you!

Best regards
Han.

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

From: [PCTEST TCB/CB](#)

To: [HCT - SunHee Kim](#)

Sent: Wednesday, April 14, 2010 1:03 AM

Subject: [Questions Regarding FCC ID: BEJGT540G](#)

To: Ms. Sun-Hee Kim / HCT
From: Mr. Mark Czumak / PCTEST TCB

RE: FCC ID: BEJGT540G

Applicant: LG Electronics USA

Correspondence Reference Number: BEJ100406
Confirmation Number: 1Y1004060406-09
Date of Original Email: April 13, 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.

4. The Bluetooth/WLAN antenna is labeled as such in two different locations on the pcb board in the antenna location document. Please remove the one that is not applicable.
5. → [Please find the attachment.](#)
6. 2. There is an ambiguous distance of 82mm in the middle of the board in the antenna location document. Please remove if it is not applicable to this document.
7. → [Please find the attachment.](#)
8. 3. There is an unlabeled TCXO LDO on page 5 of the WiFi & Bluetooth & FM module schematic diagram. Please update to include the frequency of the oscillator.

9. → LDO(Low drop output voltage) is regulator for supplying a power to 26MHz TCXO.
10. It's not oscillator and we use it for a low current consumption and supply of an accuracy power.
11. 4. The 2450 MHz dipole plot provided on page 40 of the SAR report and corresponding z-axis plot on page 44 uses a head medium type but the dominant tissue type for 2450MHz is muscle.
12. Please revise using the dominant tissue type.
13. → Please find the attachment.
14. The SAR value for PCS head left touch listed in the table on page 27 of the SAR report does not match the value provided in the corresponding plot on page 52. Please revise.
→ Please find the attachment.
15. The SAR value for Cellular WCDMA left tilt listed in the table on page 28 of the SAR report does not match the value provided in the corresponding plot on page 57. Please revise.
16. → Please find the attachment.
17. 7. The SAR value for PCS WCDMA left touch listed in the table on page 28 of the SAR report does not match the value provided in the corresponding plot on page 63. Please revise.
18. → Please find the attachment.
19. 8. The power drift of the plot on page 79 of the SAR report is greater than 0.5 dB. Please redo the plot ensuring that the drift is less than 0.5 dB per IEEE 1528 section 6.6.3.
20. → Please find the attachment.
21. 9. The modulating signal listed in section 7.7.4 of the 22/24 Certification report is incorrect. Please revise to match the data provided in that section.
22. → Miss Lim will get you the response soon.
23. 10. The test photos for radiated data provided in the 22/24 Certification test photo document only show two test positions. Please verify that the EUT was tested in three orthogonal planes for this test.

24. → Miss Lim will get you the response soon.
25. The test photos for radiated data provided in the Bluetooth test photo document only show two test positions. Please verify that the EUT was tested in three orthogonal planes for this test.
26. → Miss Lim will get you the response soon.

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

Sincerely,

Mark Czumak
Certification Engineer

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