
From: 한봉호
Sent: Tuesday, December 15, 2009 12:02 AM
To: PCTEST TCB/CB
Subject: Re: Follow-up Questions Regarding FCC ID: BEJGS290
Importance: High

Hello PCTEST TCB,
Please see below response for your comments and find the attachment.
Without any problem, please let me get the grants asap.
Thank you!

Best regards
Han.

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

From: PCTEST TCB/CB
To: '임지영'
Sent: Tuesday, December 15, 2009 12:46 AM
Subject: Follow-up Questions Regarding FCC ID: BEJGS290

Dear Ms. Lim,

Thank you for your email.

1. Regarding your response to question #2, the revised BT block diagram is nearly identical to the original, and still does not provide any detail on the RF section of the transmitter. Please submit a BT block diagram that provides more detail of the RF section.
→ Please find the attachment. The first page is a total block diagram and the second page is a block diagram for BC7820(BT chipset).
I think this is enough. If you have any question, just let me know.
2. The revised SAR report appears to be the same as the original. Questions 5 and 6 have not been addressed. Please do so.
→ I think you missed the end part of the updated SAR test report. Please re-

check the page 116 ~144 on the SAR test report.

If you have any questions, please do not hesitate to contact us. Thank you.

Sincerely,
PCTEST TCB



PCTEST TCB/CB

Tel. 1.410.290.6652

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Thank you.

From: 임지영

Sent: Monday, December 14, 2009 5:53 AM

To: 'PCTEST TCB/CB'

Subject: RE: Questions Regarding FCC ID: BEJGS290

Dear PCTEST,

Thank you for your comments.

Please find the revised file and replies are embedded below your questions.

Should you have any questions, please let me know.

Best Regards,

HCT CO.,LTD

Ms. Ji-Young Lim(Sales Team)

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From: PCTEST TCB/CB
Sent: Wednesday, December 09, 2009 4:05 AM
To: HCT - Ji-Young
Subject: Questions Regarding FCC ID: BEJGS290

To: Ms. Ji-Young Lim / HCT
From: Mr. Gregory Czumak / PCTEST TCB

RE: FCC ID: BEJGS290

Applicant: LG Electronics Inc.

Correspondence Reference Number: BEJ91460
Confirmation Number: 911201460-62
Date of Original Email: December 8, 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 the schematic diagrams for the licensed transmitter and the BT transmitter.
→ [Please find the attachment.](#)
2. Please submit a BT block diagram that provides more detail of the RF section (as well as all clock/oscillator values).
→ [Please find the attachment.](#)
3. Page 2 of the BT Block Diagram document shows FM TX transmit capability. Please confirm that this is not implemented in the EUT.
→ [I confirm FM Transmitter capability is not implemented in this EUT.](#)
4. Page 3/47 of the BT test report lists the peak antenna gain as -0.33 dBi, but the BT antenna spec sheet lists the max 3D gain of the antenna as -1.1 dBi. Please reconcile.
→ [We send the revised BT test report. Please find the attachment.](#)
5. The conducted output power measurements show that the output power is approximately equal for all multi-slot transmit modes. Please explain why the data does not show the highest body SAR levels measured in 4TX mode. The data

shows the highest measured body SAR in 3 TX mode (both bands). This does not seem to make sense.

→ Please find the attachment.

6. The PCS band right head touch SAR plots show that the 1-g cube does not contain all of the data points. Please retest this configuration using the mouth-jaw SAR evaluation procedure and submit new data.

→ Please find the attachment.

7. FYI: pursuant to FCC policy, SAR System Verification tests should be performed using the dominant tissue type. Therefore, in the future, for the 2.4 GHz band, if there will only be body SAR measurements, please use muscle tissue for the SAR System Verification test, and not brain tissue.

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

Sincerely,

Gregory Czumak
Senior Certification Engineer
Quality Manager

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