

Mia Kang

From: Gregory Czumak [gregory@pctestlab.com]
Sent: Wednesday, January 24, 2007 10:38 AM
To: 'Mia Kang'
Subject: FW: Questions Regarding FCC ID: BEJMG280D
Attachments: MG280d_revised SAR test report.pdf

From: Sung Ryul Kim [mailto:bamba2k@estech.co.kr]
Sent: Wednesday, January 24, 2007 6:11 AM
To: 'PCTEST TCB'
Cc: 'LGE - Bong Hyo, Han'; 'PCTEST - Andrea Zaworski'; 'PCTEST - Channy Park'; 'PCTEST - Gregory Czumak'; 'PCTEST - Gregory Snyder'; 'PCTEST - Randy Ortanez'; 'PCTEST - Steve Liu'
Subject: RE: Questions Regarding FCC ID: BEJMG280D

Hello Gregory,

Please refer to the below answers for your comments.
 If it doesn't have any problem, send us the grant for it.

Thanks and regards.

SUNG RYUL KIM

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From: PCTEST TCB [mailto:pctesttcb@pctestlab.com]
Sent: Wednesday, January 24, 2007 5:28 AM
To: bamba2k@estech.co.kr
Cc: LGE - Bong Hyo, Han; PCTEST - Andrea Zaworski; PCTEST - Channy Park; PCTEST - Gregory Czumak; PCTEST - Gregory Snyder; PCTEST - Randy Ortanez; PCTEST - Steve Liu
Subject: Questions Regarding FCC ID: BEJMG280D

To: Mr. Sung-Ryul Kim / ESTECH Co., Ltd.
From: Mr. Gregory Czumak / PCTEST TCB
RE: FCC ID: BEJMG280D

Applicant: LG Electronics Co., Ltd.

Correspondence Reference Number: BEJ7038
Confirmation Number: 701180038-40
Date of Original Email: January 23 , 2007

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 address the following 4 requirements for frequency hopping spread spectrum transmitters (Bluetooth) from Section 15.247(a)(1):
 - a. Is the hopping sequence pseudorandom? [It is pseudorandom.](#)
 - b. Are all channels used equally on average? [Yes.](#)
 - c. Does the receiver input bandwidth approximately equal the transmit bandwidth? [Yes. Approximately equal to the transmitted signal's bandwidth.](#)
 - d. Does the receiver hop in sequence with the transmit signal?
[Yes.](#)
2. Multiple PCS band head and body SAR measurements list starting conducted power levels that are more than 0.5 dB higher than the levels listed in the EMC test report. This is not permitted by the FCC. Please retest PCS SAR (head and body) using an EUT with starting conducted power levels within 0.5 dB of the levels listed in the EMC test report for the corresponding channels and submit new data (including tissue parameters and system validation for the day(s) of the new tests).
[Please find out the revised SAR test report.](#)
3. The z-axis plots for body SAR measurements (cellular and PCS) do not appear to correspond to the SAR levels actually measured. Please address (re-plotting may be necessary).
[Please find out the revised SAR test report.](#)
4. Please submit the User's Manual for the EUT. Please be sure that it includes the body-worn SAR warning statement, and the statements from Sections 15.19(a)(3), 15.21 and 15.105, as required.
[The information is included in user manual. Please check it.](#)

The items 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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410-290-6652
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