From: SunHee Kim (HCT)
Sent: Wednesday, October 28, 2009 10:19 PM
To: PCTEST TCB/CB
Subject: Re: Questions Regarding FCC ID: BEJGW620F
Dear PCTEST,

Please find the revised file and replies are embeded below your questions.
Please give me the Grant without the confirmation request process.
Should you have any questions, please let me know.

Best Regards,
SunHee Kim

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Assistant Manager, SAR/HAC Team
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----- Original Message -----
From: PCTEST TCB/CB
To: 'HCT - SunHee Kim'
Sent: Wednesday, October 28, 2009 4:27 AM
Subject: RE: Questions Regarding FCC ID: BEJGW620F

RE-SEND.
Please let us know the status.

From: PCTEST TCB/CB [mailto:pctesttcb@pctestlab.com]
Sent: Friday, October 23, 2009 11:50 AM
To: HCT - SunHee Kim
Cc: LGE - Bong Hyo, Han; PCTEST - Gregory Czumak; PCTEST - Randy Ortanez; PCTEST - Steve Liu; PCTEST - Channy Park; PCTEST - Erin Geraghty
Subject: Questions Regarding FCC ID: BEJGW620F

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

RE: FCC ID: BEJGW620F

Applicant: LG Electronics Inc.

Correspondence Reference Number: BEJ91253
Confirmation Number: 910151253-56
Date of Original Email: October 23, 2009
Subject: Request for additional information

1. The WLAN operational description lists 5 GHz capability. Please confirm that this is not implemented in the EUT.
   ==> We confirm that the 5 GHz capability is not implemented in this device.

2. Please submit the FCC's response to the KDB sent by the SAR lab regarding HSUPA testing (PbA requirement).
==> We submited the FCC's response. Please double-check.

3. Tables 12.4 and 12.5 in the SAR report (pp.27-28) list peak power levels for the WLAN. Please provide average output power measurements on the channels and at the data rates specified by the FCC in their procedure for measuring 802.11a/b/g SAR (KDB 248227), so that the correct channel / data rate / modulation combinations required for SAR testing may be determined. Please be sure that the SAR data for these required combinations has been provided in the report.
==> Please find the revised SAR report.

4. SAR levels reported on p.36 of the SAR report (WLAN body SAR) are the 10-g levels. Please revise the Table to show the 1-g levels. I note that, at the top of this page, reference is made to 1900 MHz Muscle- this should also be corrected.
==> Please find the revised SAR report.

5. Please provide the z-axis plot for the 2450 MHz SAR measurements.
==> Please find the revised SAR report.

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

Sincerely,

Gregory Czumak
Senior Certification Engineer
Quality Manager

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

From: SunHee Kim (HCT)
Sent: Thursday, October 15, 2009 9:53 PM
To: PCTEST TCB/CB
Subject: Re: FCC Part 22(H), 24(E), 15(B), 15(C) Application (FCC ID: BEJGW620F) : LG Electronics, Inc.
Dear PCTEST,

According the FCC policy, we got a confirm from FCC that PBA is approved for this project.
Please find the attached file and below e-mail from FCC.

- Key Feature: GPRS Class 12 and HSDPA/HSUPA supported
- KDB Tracking No.: 906775

If you have any questions, please let me know.
Thank you.

Best Regards,
SunHee Kim

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Assistant Manager, SAR/HAC Team

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----- Original Message -----
From: oetech
Sent: Tuesday, September 15, 2009 3:35 AM
Subject: Response to Inquiry to FCC (Tracking Number 906775)

Inquiry:
Dear FCC,

I'm writing to get your guidance for 3GPP Release6 HSPA.

- FCC ID: BEJGW620F
- EUT Type: Cellular/PCS GSM/Cellular WCDMA/ EDGE Phone with Bluetooth/ WLAN
- FCC Rule Part(s): 22(H)/ 24(E)/ 15(C)- BT and WLAN/ 15(B)
- Equipment Class(es):
  - PCE: PCS Licensed Transmitter held to ear
  - DSS: Part 15 Spread Spectrum Transmitter
  - JBP: Part 15 Class B Computing Device Peripheral
  - DTS: Digital Transmission System
- Operating Mode: GSM850/GSM1900/WCDMA850
- Key Feature: HADPA & HAUPA, GPRS Class12

As for HSPA;

The EUT was tested according to the KDB 941225 and 3GPP TS 34.121 using the Agilent 8960 Base Station.
None of the HSDPA/HSUPA setting leads to conducted power values exceeding the conducted power in RMC mode by more than 0.25 dB.
Please refer to the attached conducted output power tables.

After checking this, please confirm this application is avalable for PBA.
Should you have any questions, please let me know.

Best Regards,
SunHee Kim

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Assistant Manager, SAR/HAC Team

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Response:

This inquiry is very similar to your recently submitted KDB 822050. Again, it is assumed that this device utilizes a Qualcomm chipset. The Qualcomm explanation regarding Enhanced MPR (E-MPR) is similar to recent tune-up documentation provided by Qualcomm for one of its modules. As such, the FCC Laboratory will consider this PBA approved with the condition that the Qualcomm E-MPR explanation you have submitted must be included in the FCC Form 731 upload for this device.

This PBA approval is limited to the HSPA functionality in this device and does not resolve any other potential issues. It is the responsibility of the TCB to ensure the device meets all other FCC requirements.

This KDB is designated by the inquiry first category, *Permit But Ask Guidance for Non TCBs*. Please refer to KDB publication 388624, part 2), for additional guidance. Please be aware that the TCB must follow the procedures in part 3) of that publication. In order to alleviate any misunderstanding between the TCB and test lab and ensure that applications are not granted before final FCC approval is given, the following procedure should be followed:

The TCB will submit a separate new KDB with the inquiry first category, *Permit But Ask Inquiry (TCB)*. This new KDB will reference KDB 906775 and request permission to upload the Form 731. Upon FCC permission, the TCB will upload the Form 731 and then respond with the application confirmation number (TC) and FCC ID to facilitate final FCC review. Following KDB 388624 procedure 3) c) ii), the new TCB KDB inquiry number should be entered on the Equipment Specs, Page 1, section of the Form 731. The test lab should not be involved in this process as the TCB will receive final FCC approval. The TCB may not grant the application until after final FCC approval is given through the TCB submitted KDB.