From: SunHee Kim
Sent: Friday, July 10, 2009 12:20 AM
To: PCTEST TCB/CB
Subject: Fw: Questions Regarding FCC ID: BEJGW525F

Dear Steve,

Thank you for your comments.
Please find the revised files 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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Ms. SunHee Kim

Engineer, Product Compliance Division

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----- Original Message -----
From: PCTEST TCB/CB
To: HCT - SunHee Kim
Sent: Friday, July 10, 2009 5:24 AM
Subject: Questions Regarding FCC ID: BEJGW525F

To: Ms. Sun-Hee Kim / HCT
From: Mr. Steve Liu / PCTEST TCB

RE: FCC ID: BEJGW525F

Applicant: LG Electronics Inc.

Correspondence Reference Number: BEJ90841
Confirmation Number: 907080841-43
Date of Original Email: July 9, 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. Page 8 and 9 of the operational description do not mention Band V UMTS operations. However the some of the operational description contains Band V information (i.e. 4.6-1, except for the caption, etc). Please clarify and re-submit the operational description that shows consistency in the UMTS operations for this application.
   -> On page8~9, UMTS 1, 2, 3 includes all UMTS bands(Low band 5/6/8, High Band: 1/2/3/4/9).
   Please see below table. I think you'll understand what I mean if you see below table.

<UMTS1/2/3>

Low Band	Frequency Range (MHz)	ful	824.00 ~ 960.00 (Ban
	Insertion Loss (dB)	UMTS1/2/3-ANT	1.15 max. (at 25°C) 1.30 max. (at –20~+7
	V.S.W.R.	UMTS1/2/3	1.70 max.
High Band	Frequency Range (MHz)	fuh	1710.00 ~ 2170.00 (B
	Insertion Loss (dB)	UMTS1/2/3-ANT	1.25 max (at 25°C) 1.40max. (at –20~+75
	V.S.W.R.	UMTS1/2/3	1.70 max.
	Current Consumption (mA)		26.0max.
	Harmonics (dBc)	Tx-ANT	-67.0 max. at 2 x ful, f -67.0 max. at 3 x ful, f

2. Schematics only indicate UMTS band 1 and 8 operations. Please clarify or re-submit schematics for this application.
   -> Please find the attachment(GW525f_Circuit diagram_revised).
3. Please include Block Diagram of RF Part in the Block Diagram exhibit. One is found in the operational description,

but it is not clear, and also does not indicate Band 2 or 5 operations.
-> Please find the attachment(GW525f_Block diagram_revised).

4. For the internal photographs, please remove the blue tape on the PCB on at least the close up on Page 22.
-> We attach the revised internal photos on page 17.

5. Please amend statement in Page 18-19 of the RF Part 22/24 Report. It states that GSM EDGE mode shows the highest power. However from the data provided, this is not the case.
-> We mean that the EDGE mode testing were performed using 2Tx because 2Tx is highest power in EDGE mode.
6. Please provide 2 and 3 Tx for GPRS 850 band and 3 Tx for GPRS 1900 Band. According to the RF output power for GPRS multi-slot modes, you will need to provide at lease these additional multi-slot configurations since the time-averaged powers are similar to that or greater than that of the 4 Tx configurations provided.
-> Please find the attachment(GW525f_Part2(SAR) Test Report_revised).
You can check the test results for Multi-slot from page 90 to 108.

5. Page 17 indicates Body Holster. Please clarify if this is applicable for this application. It is not shown in the Body SAR part of the report.
-> It's not applicable. If necessary, I'll delete the statement regarding Body Holster for further models.
6. Please provide proof of IEC/ISO 17025 accreditation (or equivalent) for SAR Testing for the SAR laboratory to IEEE 1528 and OET Supplement C.
-> Please find the attachment(KOLAS(ISO_IEC 17025)_Certificate).
7. The BT Operational Description provides lists of features and characteristics, but it does not describe the RF function of the EUT (how is the signal generated? How is the frequency determined and stabilized? How is output power determined? How are spurious emissions suppressed?). Please submit one that does (similar to what was submitted for the licensed transmitter).
-> Please find the attachment(GW525f_BT operational description_revised)

FYI - Per IEEE 1528 Section 8.3.6, measured SAR Validation values should be between 0.4 W/kg and 10 W/kg. The 1900 MHz validation is greater than 10 W/kg. In the future please ensure the validation result is below this range.

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

referenced application.

Sincerely,
Steve Liu
Certification Engineer

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