

Chris Harvey

From: Jo, Jenny (Gunpo) [Jenny.Jo@sgs.com]
Sent: Monday, March 16, 2009 6:49 AM
To: Chris Harvey; charvey-tcb@ccsemc.com
Cc: Ham, Denny (Gunpo); Jeong, Feel (Gunpo); Kim, Raymond (Gunpo); Mike Kuo
Subject: RE: LG Electronics Inc., FCC ID: BEJ9QK-LGX11, Assessment NO.: AN09T8898, Notice#1 (WLAN)

Attachments: MS-6837D circuit and block diagram.pdf; MS-6894 circuit and block diagram.pdf



MS-6837D circuit
and block dia...



MS-6894 circuit and
block diag...

Dear Chris

I attached Schematic and Block diagram for those transmitters.

Please find attachment and let me know if there's any inquiry.

Many thanks,

Jenny Jo / □□□

SGS Testing Korea Co., Ltd.

Meet SGS at the

International CTIA Wireless 2009 Show

Booth #467, April 1-3, 2009 Las Vegas Convention Center

Las Vegas, Nevada, USA

From: Chris Harvey [mailto:charveyemc@gmail.com] On Behalf Of Chris Harvey
Sent: Tuesday, March 10, 2009 9:32 PM
To: Jo, Jenny (Gunpo); charvey-tcb@ccsemc.com
Cc: Ham, Denny (Gunpo); Jeong, Feel (Gunpo); Kim, Raymond (Gunpo); 'Mike Kuo'
Subject: RE: LG Electronics Inc., FCC ID: BEJ9QK-LGX11, Assessment NO.: AN09T8898, Notice#1 (WLAN)

Jenny,

According to the FCC Rules, since this application is being filed to approve a notebook computer with 3 transmitters and not rely on the Modular approvals of each transmitter, then you MUST include all exhibits for each transmitter. FCC KDB #169429 is copied here

for your reference:

Publication Number: 169429

Rule Parts:

Publication Date: 04/12/2007

Keyword: Section 2.1033, Equipment Authorization, Exhibits, Referencing Exhibits

First Category:

Administrative Requirements

Second Category:

Equipment Authorization Process Part 2 Subpart J

Third Category:

Form 731

Question: Can an exhibit submitted with an application be referenced in a subsequent application filing, as opposed to being uploaded in the subsequent filing?

Answer: No, the FCC requires the exhibit to be uploaded with both application filings.

The FCC Modular Approval process allows for flexibility for notebook computer manufacturers who would like to install one or more modular transmitters into their devices.

If LG approves their notebook computer with one FCC ID with Grants for 3 transmitters, then the Grant is only valid when all 3 transmitters are installed in their Notebook Computer. If they wish to market that computer with only 2 transmitters installed, then they would need to get a new FCC ID number for that combination. Please note that the applications have currently been filed to obtain one Grant for LG Electronics to approve one configuration with all 3 transmitters installed.

However, if LG Electronics uses the Modular Approvals for each transmitter, then they can add/remove transmitters by obtaining permissive changes for the Modular Transmitters to address the co-location and RF Exposure issues in accordance with the FCC Modular Approval process and KDB # 447498
<<http://fjallfoss.fcc.gov/oetcf/kdb/forms/FTSSearchResultPage.cfm?id=20676&switch=P>> .

I hope this is clear and helpful.

Best regards,

Chris Harvey

charvey@ieee.org

410-750-0860

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

From: Jo, Jenny (Gunpo) [mailto:Jenny.Jo@sgs.com]

Sent: Monday, March 09, 2009 10:43 PM

To: charvey-tcb@ccsemc.com

Cc: Ham, Denny (Gunpo); Jeong, Feel (Gunpo); Kim, Raymond (Gunpo)

Subject: RE: LG Electronics Inc., FCC ID: BEJ9QK-LGX11, Assessment NO.: AN09T8898, Notice# 1 (WLAN)

Dear Chris

Regarding inquiry #1, 3 different co-located transmitters are already certified as you said. I guess you might have some information of this.

This application for LGX11 is accord to the client's request since they just wanted to get FCC ID Number for this notebook computer for their efficient product management even though each transmitter has been already certified.

So I am wondering if we need to submit document for those transmitters additionally.

For inquiry #2, I attached revised confidentiality request letter which corrected to include block diagram as confidential.

For the other inquiries, we are still investigation now. I will update you shortly.

Many thanks.

Jenny Jo / □□□

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Las Vegas, Nevada, USA

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

From: Ham, Denny (Gunpo)

Sent: Monday, March 09, 2009 10:09 AM

To: Jeong, Feel (Gunpo); Kim, Raymond (Gunpo); Jo, Jenny (Gunpo)

Subject: FW: LG Electronics Inc., FCC ID: BEJ9QK-LGX11, Assessment NO.: AN09T8898, Notice# 1 (WLAN)

Dear All,

안녕하세요. 무선랜 관련해서 말씀드립니다.

To : 김현우 씨,

안녕하세요. ccs 관련해서 말씀드립니다.

Denny Ham / 무선랜

Wireless Radio

Assist Manager

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

From: charvey-tcb@ccsemc.com [mailto:charvey-tcb@ccsemc.com]

Sent: Saturday, March 07, 2009 12:01 AM

To: Ham, Denny (Gunpo)

Cc: chris.harvey@ccsemc.com

Subject: LG Electronics Inc., FCC ID: BEJ9QK-LGX11, Assessment NO.: AN09T8898, Notice#1 (WLAN)

Dear Denny Ham,

You are listed as the Technical Contact for the above referenced TCB application. The following items need to be resolved before the review can be continued:

1. This application seems to have been filed for a new FCC ID Number of a digital device (notebook computer) containing 3 different co-located transmitters; however, the labeling of this device seems to indicate that the transmitters are all separately approved as modules.

a. If you are relying on the modular approval of the previously approved transmitter modules, and there have been no changes to modules or antennas, then there should be no new FCC ID Number for LG Electronics and the only thing that needs to be done is to perform a Class II Permissive Change to one of the modules to address the RF Exposure (SAR) issues (please note that this device has HSUPA operation and thus requires FCC Permit But Ask submission).

b. If you wish to have a separate FCC ID Number for this notebook computer then all exhibits required for each transmitter (Block diagrams and Schematics) must be included in the respective applications (please see FCC KDB# 169429 for reference).

2. The letter of Confidentiality does not include the Block Diagram exhibits, but the exhibits seem to have been submitted as confidential. Please confirm if you wish to maintain confidentiality for the Block Diagram and update the Confidentiality request Letter exhibit accordingly.

3. The Users Manual does not seem to contain the FCC Compliance information required for a Digital Device that includes 3 transmitters and has RF Exposure issues. Please provide the FCC Compliance information for the digital device and the transmitters that will be contained in the Users Documentation.

The items indicated above must be submitted before processing can continue on the above referenced application. Failure to provide the requested information within 30 days of the original e-mail date may result in application dismissal and forfeiture of the filing fee. Also, please note that partial responses increase processing time and should not be submitted. Any questions about the content of this correspondence should be directed to the e-mail address listed below the name of the sender.

Best regards,

Chris Harvey

Charvey-tcb@ccsemc.com

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