

Chris Harvey

From: Loh, Grace (Gunpo) <Grace.Loh@sgs.com>
Sent: Thursday, May 12, 2011 9:12 PM
To: Chris Harvey
Cc: 'Lucy Tsai'; Jeong, Feel (Gunpo); Kang, Noah (Gunpo)
Subject: RE: Request for information AN10T1229 LG-Ericsson

Dear Chris,

I reply to the answer as below.

I hope to get the certificate because the schedule is very delay.

Pls want to no longer the comment the project.

Thanks,
Grace

2. The revised User's Manual indicates that this device is capable of 4 simultaneous calls. Please describe the specifications of this simultaneous operation (is this all on one frequency channel, is this time multiplexed, or does the device transmit on multiple channels simultaneously?). Simultaneous transmissions, either in-band for DECT or with WLAN and DECT must be addressed in the MPE RF Exposure exhibit.

DECT is composed of 10 channel(physically different frequencies: 1881.792MHz~1897.344MHz) and 24 time slots.

24 Time slots(one frequency channel in 10 channels) are consist of 12 transmit time slots and 12 receive time slots.

So device(DECT) is capable of 6 simultaneous register in theory, but only 4 simultaneous real calls are possible in practical due to RF module's PLL locking time(It is so called 'blind' theory).

In brief, 4 simultaneous calls means that devices(4 other device) use only one frequency at same time and occupy different time slot in the same channel.

Grace Loh/ 노 윤정
Wireless Division
Section Chief/ 과장

Phone: +82 (0)31 428 5744
Mobile: +82 (0)10 2251 3461

From: Loh, Grace (Gunpo)
Sent: Monday, May 09, 2011 10:46 AM
To: 'Chris Harvey'
Cc: 'Lucy Tsai'; Jeong, Feel (Gunpo)
Subject: RE: Request for information AN10T1229 LG-Ericsson

Dear Chris,

Pls find attached revised Label info.

I will confirm to the Question 2 from our client.

Thanks,
grace

Grace Loh/ 노 윤정

Wireless Division

Section Chief/ 과장

Phone: +82 (0)31 428 5744
Mobile: +82 (0)10 2251 3461

From: Chris Harvey [mailto:charveyemc@gmail.com]

Sent: Thursday, May 05, 2011 11:30 PM

To: Loh, Grace (Gunpo); Jeong, Feel (Gunpo)

Cc: 'Lucy Tsai'

Subject: RE: Request for information AN10T1229 LG-Ericsson

Dear Feel & Grace, I have received the additional documents and responses (in the future please respond to all questions in one email) and have the following additional comments/issues:

1. The revised FCC/IC Label seems to show the label placed on a removable hinged plastic door, which is not allowed. Please provide a label location exhibit that shows the label placed on a permanent part of this device.
2. The revised User's Manual indicates that this device is capable of 4 simultaneous calls. Please describe the specifications of this simultaneous operation (is this all on one frequency channel, is this time multiplexed, or does the device transmit on multiple channels simultaneously?). Simultaneous transmissions, either in-band for DECT or with WLAN and DECT must be addressed in the MPE RF Exposure exhibit.

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. Revised documentation should not be emailed, but instead should be submitted through "Add Attachment" function at the UL-CCS website. Please have your Assessment Number and FCC ID/IC Certification number handy. You may use the following link: <https://cert.ccsemc.com/filing/>

Best regards,

Chris Harvey
Charvey-tcb@ccsemc.com

From: Loh, Grace (Gunpo) [mailto:Grace.Loh@sgs.com]

Sent: Thursday, April 28, 2011 1:31 AM

To: Chris Harvey -TCB

Cc: Lucy Tsai

Subject: RE: Request for information AN10T1229 LG-Ericsson

Dear Chris,

Pls find attached the updated external photos.

I want to get the certificate for FCC and IC.

Thanks,
Grace

Grace Loh/ 노 윤 정

Wireless Division

Section Chief/ 과장

Phone: +82 (0)31 428 5744
Mobile: +82 (0)10 2251 3461

From: Loh, Grace (Gunpo)
Sent: Tuesday, April 19, 2011 5:16 PM
To: Chris Harvey -TCB
Cc: 'Lucy Tsai'
Subject: RE: Request for information AN10T1229 LG-Ericsson

Dear Chris,
Pls find attached the revised documents.

I comment to the answer as blow.

Pls hold on the other questions.

Thanks,
Grace

Grace Loh/ 노 윤 정

Wireless Division

Section Chief/ 과장

Phone: +82 (0)31 428 5744
Mobile: +82 (0)10 2251 3461

From: Chris Harvey [mailto:charveyemc@gmail.com]
Sent: Saturday, April 16, 2011 4:19 AM
To: Jeong, Feel (Gunpo); Loh, Grace (Gunpo)
Cc: lucy.tsai@ccsemc.com; 'Chris Harvey'
Subject: Request for information AN10T1229 LG-Ericsson

Dear Feel Jeong and Grace Loh,

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

1. The 15-D DECT RF report contains a photo of the EUT Label, which is different from the Label exhibit submitted with the original application. The original Label contains the FCC Logo for DoC compliance and has

the IC Number as 6241A-LDPSBG1000. The 15-D DECT RF Report documents no FCC Logo, and the IC Number is 6241A-SBG1000.

-> Updated label info.

2. Additionally, the Original photos showed a shielded RF can over the DECT circuitry with a Chip, other circuits and a short wire-antenna. The 15-D DECT report does not show the RF shield can in the same area as the DECT circuits, no chip or circuit, no antenna, has an RF shield covering the WLAN MIMO circuits, and contains boards called CIU1, CIU2, CSIU not shown in the original.

3. The IC Application has been submitted using IC Number 6241A-SBG1000, which does not agree with the original Label submitted. Please determine the correct IC number and update the exhibits as needed.

-> Updated IC application form

It's right the 6241A-SBG1000 to the IC Number.

4. You have provided an FCC Class B Verification report, which is not included in the Certification review and will be removed so it is not uploaded to the FCC. Please confirm.

-> I see. Pls remove to the FCC Class B report.

5. The original External Photos do not show all the ports that appear in the Internal Photos. Please update the External Photos to show the ports available on this device.

6. The User's manual does not contain any information about the DECT capability. Please provide an updated User's manual.

7. The Operational Description (Service manual) shows DECT in the block diagram but does not contain any technical description of the DECT operations (this exhibit does have details of the WiFi operations). Please update the Operational Description.

9. For the Industry Canada application, please update the Test Report Cover Sheet (RSP-100 Appendix B), Application Cover (RSP-100 Appendix A), and RSS-102 Annex A (please note that either Annex A&B or Annex C are required, but not both).

-> Updated Test cover sheet, Application and RSS-102

8. The RF Test reports are currently being reviewed (for FCC and IC). If there are further questions during the report review, additional questions may be asked.

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. Revised documentation should not be emailed, but instead should be submitted through "Add Attachment" function at the UL-CCS website. Please have your Assessment Number and FCC ID/IC Certification number handy. You may use the following link: <https://cert.ccsemc.com/filing/>

Best regards,

Chris Harvey
Charvey-tcb@ccsemc.com

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http://www.sgs.com/terms_and_conditions.htm

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