

## Chris Harvey

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**From:** Lee, KyungHee (Gunpo) <KyungHee.Lee@sgs.com>  
**Sent:** Tuesday, April 28, 2015 10:36 PM  
**To:** Chris Harvey; Harvey, Christopher  
**Cc:** Hoque, Claire; Choi, Ellie (Gunpo)  
**Subject:** RE: i-SENS Inc., //OELGM01CAB //AN15T0204 Notice #2  
**Attachments:** 08 Schematic\_GM01CAB\_Rev2.pdf; 13-1 BOM\_GM01CAB(3).pdf; 13-2. Component Layout\_GM01CAB\_Rev.2.pdf

Dear Chris

It was confused by market target.

SIM5320E is used for Europe target model and SIM6320AD is to America target model used.

We are sorry for this confusing and Please check again attached Schematics, BOM(Part list) and Part location(Component Layout. I uploaded too on your e-filling those files.

And for the second question, for un-implemented module capabilities, this module have GSM and WCDMA as I mentioned before but i-SENS only used WCDMA because GSM is blocking by Firmware set.

감사합니다.

Thank you. / Merci.

KYUNGHEE LEE 이경희

Wireless Division / 대리

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

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

Sent: Tuesday, April 28, 2015 8:55 PM

To: Lee, KyungHee (Gunpo); 'Harvey, Christopher'

Cc: 'Hoque, Claire'; Choi, Ellie (Gunpo)

Subject: RE: i-SENS Inc., //OELGM01CAB //AN15T0204 Notice #2

KyungHee, the documents you have provided are not clear. The Module inside this device is listed as SIM5320E in the schematic, Part Location and the BOM exhibits, but as the SIM5320AD in the additional module appendix page and the Operational Description exhibits. Please confirm the exact Module model being used in this device. Once confirmed, please update the exhibits to document the correct Module model.

Please be sure the technical documentation shows the capabilities of this module, and since some of the Module capabilities are not being implemented in this device, list the capabilities implemented in this device, those module

capabilities not implemented in this device and indicate how the user is prevented from enabling those un-implemented Module capabilities.

I have found access to some technical information through a Google search for SMI5320AD and SIM5320E:  
[http://www.microchip.ua/simcom/WCDMA/SIM5320AD/SIM5320AD\\_Hardware\\_Design\\_V1.03.pdf](http://www.microchip.ua/simcom/WCDMA/SIM5320AD/SIM5320AD_Hardware_Design_V1.03.pdf)  
[http://www.simcom.ee/documents/wcdma-hspa/sim5320/SIM5320\\_Hardware\\_Design\\_V1.07.pdf](http://www.simcom.ee/documents/wcdma-hspa/sim5320/SIM5320_Hardware_Design_V1.07.pdf)

Please help to clarify the exhibits to clearly indicate the module used and the capabilities implemented.

Best regards,

Chris Harvey

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

From: Lee, KyungHee (Gunpo) [mailto:KyungHee.Lee@sgs.com]  
Sent: Tuesday, April 28, 2015 3:33 AM  
To: Harvey, Christopher  
Cc: Hoque, Claire; Choi, Ellie (Gunpo)  
Subject: RE: i-SENS Inc., //OELGM01CAB //AN15T0204 Notice #2

Dear Chris

Here are the response about your comments. And please refer to the attachments.(I uploaded them on your e-filling site as well.)

- A. The Schematics rev1 still do not seem to show the WCDMA RF Circuit (and still references GSM). Please update the schematics for this device to properly reference this circuit/device and to include the RF Circuit for the WCDMA portion (Module) => Please see updated Schematics again.
- B. The Parts List provided in your response does not include the WCDMA circuit (and includes a GSM Module in the list). Please provide the correct Parts List for this device to also include the RF parts for the WCDMA portion.  
=> I-sens corrected 3G module from GSM module in the Part list.

I am also sending the module appendix page attached for your reference. The module i-SENS used have GSM and WCDMA both, but please note that i-SENS use only WCDAM band for their product.

감사합니다.

Thank you. / Merci.

KYUNGHEE LEE 이경희  
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-----Original Message-----

From: Chris.Harvey@ul.com [mailto:Chris.Harvey@ul.com]  
Sent: Tuesday, April 28, 2015 2:57 AM  
To: Lee, KyungHee (Gunpo)  
Cc: Chris.Harvey@ul.com; claire.hoque@ul.com  
Subject: i-SENS Inc., //OELGM01CAB //AN15T0204 Notice #2

Dear KyungHee Lee,

Thank you for your patience as your response came in the midst of the TCB Council Workshop and a computer crash and recovery. I have received your response and updated exhibits.

- A. The Schematics rev1 still do not seem to show the WCDMA RF Circuit (and still references GSM). Please update the schematics for this device to properly reference this circuit/device and to include the RF Circuit for the WCDMA portion (Module)
- B. The Parts List provided in your response does not include the WCDMA circuit (and includes a GSM Module in the list). Please provide the correct Parts List for this device to also include the RF parts for the WCDMA portion.

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  
Chris.Harvey@ul.com

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