

Chris Harvey

From: 이원정 [leewj@digitalemc.com]
Sent: Tuesday, September 07, 2010 2:35 AM
To: 'Chris Harvey'; charvey-tcb@ccsemc.com; harveysung@digitalemc.com
Cc: chris.harvey@ccsemc.com; lucy.tsai@ccsemc.com
Subject: RE: Samsung Electronics Co Ltd , FCC ID: A3LML-NWA65L, Assessment NO.: AN10T0759, Notice#1

Attachments: RSS-102 Annex C_ML-NWA65L.pdf; RSS-102 Annex A_ML-NWA65L.pdf; A3LML-NWA65L.zip



RSS-102 Annex C_ML-NWA65L.pdf RSS-102 Annex A_ML-NWA65L.pdf A3LML-NWA65L.zip (6 MB)

Dear Chris,

Thank you for your waiting.
I send the revised documents of AN10T0759 project.
And I reply to your e-mail.
If you have any question and need information, please let me know.

And I would be grateful if you could issue the certificate as soon as possible.
I am so sorry that I always inquire to issue a certificate ASAP.

Have a good day~!

Best regards,
Will

1. The RF Test report has not been submitted (test setup photos were submitted). It is likely that many of the questions below may be clarified by the submittal of the test report, but I will ask them anyway. Please submit the RF test report.
=> please check the attached file.
2. The Internal/External photos show a device with a black enclosure, into which the EUT module has been installed, the label location exhibit shows the label on the outside of the black enclosure, but the Operational Description and Manual show just the internal PCB as the device. Please clearly identify the EUT and ensure that the labeling is on the EUT and the EUT was tested in stand-alone configuration as required for modules.
=> the label is attached on the EUT as label location file.
3. Some documentation shows a 40MHz channel capability, but other documents only show a 20 MHz channel capability. Please confirm the capability of this device (and ensure it was tested for these capabilities).
=> This device only supports a HT20 of 802.11n. Not HT40.
4. Please confirm if the 2nd antenna is used only for receive diversity.
The Block Diagram shows an Antenna Select and DPDT switch. Can either or both antennas transmit? Which antennas were tested?
=> Simultaneous transmission is not supported.
But a transmitting antenna is selected by RX diversity.(They call "TX diversity".)
All the test items were performed at Antenna 1 and Antenna 2.
And the worst case data were reported in the revised test report.
5. The Users Manual indicates that this module shall be installed with 20 cm separation. Please provide an RF Exposure MPE calculation exhibit for this device showing compliance at the 20 cm minimum separation distance.

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

From: Chris Harvey [mailto:charveyemc@gmail.com] On Behalf Of Chris Harvey
Sent: Thursday, August 19, 2010 9:13 PM
To: charvey-tcb@ccsemc.com; harveysung@digitalemc.com; '이원정'
Cc: chris.harvey@ccsemc.com; lucy.tsai@ccsemc.com
Subject: RE: Samsung Electronics Co Ltd , FCC ID: A3LML-NWA65L, Assessment
NO.: AN10T0759, Notice#1

Will, I just want to be sure you have received this e-mail request for the TCB application as well.

I am also finding that the same questions need to be addressed for the Industry Canada application (AN10I3437) as well as the need for the following exhibits:

Annex A of RSS-102

Annex C of RSS-102 (RF Exposure Technical Brief - MPE calculations)

Please let me know if you have any questions.

Best regards,

Chris Harvey

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

From: charvey-tcb@ccsemc.com [mailto:charvey-tcb@ccsemc.com]
Sent: Tuesday, August 17, 2010 9:21 AM
To: harveysung@digitalemc.com
Cc: chris.harvey@ccsemc.com; lucy.tsai@ccsemc.com
Subject: Samsung Electronics Co Ltd , FCC ID: A3LML-NWA65L, Assessment NO.:
AN10T0759, Notice#1

Dear Harvey,

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 RF Test report has not been submitted (test setup photos were submitted). It is likely that many of the questions below may be clarified by the submittal of the test report, but I will ask them anyway. Please submit the RF test report.
2. The Internal/External photos show a device with a black enclosure, into which the EUT module has been installed, the label location exhibit shows the label on the outside of the black enclosure, but the Operational Description and Manual show just the internal PCB as the device. Please clearly identify the EUT and ensure that the labeling is on the EUT and the EUT was tested in stand-alone configuration as required for modules.
3. Some documentation shows a 40MHz channel capability, but other documents only show a 20 MHz channel capability. Please confirm the capability of this device (and ensure it was tested for these capabilities).
4. Please confirm if the 2nd antenna is used only for receive diversity. The Block Diagram shows an Antenna Select and DPDT switch. Can either or both antennas transmit? Which antennas were tested?
5. The Users Manual indicates that this module shall be installed with 20 cm separation. Please provide an RF Exposure MPE calculation exhibit for this device showing compliance at the 20 cm minimum separation distance.

There is a new feature on the CCS web site for uploading additional exhibits. Please upload the additional/replacement exhibits using this new feature. If there are any questions or problems please contact me directly.

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