

## Lucy Tsai

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**From:** 권기중 <kijoong.kwon@samsung.com>  
**Sent:** 2011年7月11日星期一 上午 4:17  
**To:** Lucy Tsai; Kyungyong Kim - TCB  
**Cc:** 김덕수; 장우태; 전자메일; 장재동; 정은화; 전봉환; 김정구; 이지혜  
**Subject:** [SAMSUNG] A3LGTS3778V  
**Attachments:** GT-S3778V\_ANT distance.pdf; FCC SAR Test Report (GT-S3778V).pdf

**Importance:** High

Dear CCS TCB,

Please find revised documents.

This is 1st e-mail.

Q#1: Please provide additional external photo to indicate BT and GSM antenna location.

-> **Attached**

**.[Lucy] The antenna indicated in attached antenna location file looks different from the internal photo exhibits. Please check again.**

Q#2: According to the operational description, the capability of the RF module equipped with may also support 3G and WIFI.

And in page 1 and 5 of the block diagram, they indicated a WIFI module is equipped with.

Please confirm again this mobile phone only supports GSM/GPRS and BT and at the same time, please clarify the way used to disable these transmitters is by software or hardware.

-> **This model is not support WLAN and document is revised. This model does not support 3G in USA Bands by S/W.**

Q#3: SAR value indicated in page 7 of user manual does not agree with SAR report. Please correct.

-> **Removed**

JBP report

Q#4: The FCC ID indicated on the report and setup photo does not agree with this filing. Please correct.

-> **Revised**

DSS report

Q#5: The antenna gain indicated in page 3 does not agree with antenna specification. Please check and correct.

-> **Revised**

SAR report

Q#6: This is GPRS Class 12 phone and based on the conducted output power table in page 21, the highest output power is in 1TX slot in cellular and PCS bands.

Looking to test result table in page 24 and page 26, 1TX slot was not investigated. Please explain.

Besides, according to the test plots, the current test result was measured with display down configuration. Please conduct test with display up to the phantom as well.

-> **Revised, all data have been attached.**

Part 22/24 Report

Q#7: The antenna specification does not cover 850MHz band. Please check.

-> **Revised**

Q#8: Please take a look to page 15- 16 for ERP and EIRP test results and address following issues.

- Based on the conducted output power documented in page 14, the output power in 850 band is about 32.5dBm. Compared to the ERP value, the ERP value seems to be too low.

- Please provide a formula to explain how the ERP/EIPR value come out.

-> **The ERP/EIRP value comes out like this.**

**Ex. Ch.128) the test level is -10.98.**

**We measured 26 dBm at Tx terminal withS/G, and we can get -11.50 dBm at S/A (include tx antenna gain -0.67).**

**And we can calculate that 26dBm is -10.83 dBm [= -11.50 + (-0.67)] at S/A.**

**Finally, the tested level "-10.98" is 25.85 dBm (0.385 W).**

Q#9: Please take look to band edge test. In page 42-43, the detector setting is average detector with LgAV and in page 56-57, the setting is average detector with Power average. Please explain why different setting is used.

-> Revised

Thank you

Best Regards

Kijoong Kwon

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

Sender : [KyungYong.Kim@kr.ul.com](mailto:KyungYong.Kim@kr.ul.com)<[KyungYong.Kim@kr.ul.com](mailto:KyungYong.Kim@kr.ul.com)>

Date : 2011-07-08 13:30 (GMT+09:00)

Title : Fw: SAMSUNG Electronics Co., Ltd., //A3LGTS3778V //AN11T0491

Hello Mr. Kim,

Please refer to the TCB comment on the above reference application and respond your answer to TCB Reviewer directly.

Thanks and Best Regards,

K.Y

----- Forwarded by KyungYong Kim/SEO/ULI on 07/08/2011 01:24 PM -----

From: "Lucy Tsai" <[lucy.tsai@ccsemc.com](mailto:lucy.tsai@ccsemc.com)>

To: <[kyungyong.kim@kr.ul.com](mailto:kyungyong.kim@kr.ul.com)>, "Amy Lie" <[amy.lie@ccsemc.com](mailto:amy.lie@ccsemc.com)>, "Thu Chan" <[thu.chan@ccsemc.com](mailto:thu.chan@ccsemc.com)>

Cc: "Lucy Tsai" <[lucy.tsai@ccsemc.com](mailto:lucy.tsai@ccsemc.com)>

Date: 07/08/2011 01:47 AM

Subject: FW: SAMSUNG Electronics Co., Ltd., //A3LGTS3778V //AN11T0491

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Hi, Amy, Thu and KY,

Please address following issues.

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Best Regards,  
Lucy

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