
From: 김성연 [sy75.kim@samsung.com]
Sent: Friday, August 24, 2007 3:46 AM
To: PCTEST TCB
Cc: 장왈운; 장우태; PCTEST - Gregory Czumak; PCTEST - Randy Ortanez; PCTEST - Steve Liu; PCTEST - Mia Kang; PCTEST - Channy Park; 박병준; 이현경; 전자메일
Subject: Re: Questions Regarding FCC ID: A3LSGHA551
Attachments: FCC DOCUMENT_SGH-A551.pdf; SAR Report(SGH-A551).pdf; RF REPORT(SGH-A551).pdf; RF REPORT(SGH-A551)_WCDMA.pdf

Dear Gregory,

1. Bluetooth antenna gain information is on page 111 in the attached file (FCC DOCUMENT_SGH-A551.pdf).
2. The EUT employs 3GPP Release 5.
3. The FCC's 3G policy for SAR tests : page 20/101 in the SAR report.
 The Body SAR for SGH-A551 with HSDPA active is not required (Please refer to the below paragraph and table 8-1.)

Handsets with HSDPA

Body SAR is not required for handsets with HSDPA capabilities, when the maximum average of each RF channel with HSDPA active is less than $\frac{1}{4}$ dB higher than that measured in 12.2 RMC without HSDPA. Otherwise, SAR for HSDPA is measured using FRC (fixed reference channel) in the body exposure configuration that results in the highest SAR for that RF channel in 12.2 RMC.

Table 8-1 Max. Power Output Table for SGH-A551

Band	Channel	12.2 kbps RMC(dBm) (HSDPA Inactive)	12.2kbps AMR(dBm) (HSDPA Inactive)	12.2 kbps RMC(dBm) (HSDPA active)
WCDMA 850	4132	22.38	22.41	21.54
	4183	22.48	22.46	21.84
	4233	22.26	22.21	21.60

4. Page 23 and 25 of the SAR report were corrected.
Please see the file(SAR Report(SGH-A551).pdf).
5. Typo in the SAR report was corrected.
Please see the file(SAR Report(SGH-A551).pdf).
- 6 & 7. Typographical errors on page 3 in the WCDMA EMC report and GSM EMC report were corrected.
Please see the files(RF REPORT(SGH-A551).pdf and RF REPORT(SGH-A551)_WCDMA.pdf).

Sincerely,

David Kim

Quality Manager

SAMSUNG ELECTRONICS., LTD.

Regulatory Compliance Group

Tel. 82.31.301.8414

Fax. 82.31.279.7799

sy75.kim@samsung.com

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

Sender : PCTEST TCB<pctesttcb@pctestlab.com>

Date : 2007-08-24 08:13

Title : Questions Regarding FCC ID: A3LSGHA551

To: Mr. Chase Jang / Samsung Electronics Co., Ltd.

From: Mr. Gregory Czumak / PCTEST TCB

RE: FCC ID: A3LSGHA551

Applicant: Samsung Electronics Co., Ltd.

Correspondence Reference Number: A3L7725

Confirmation Number: 708150725-27

Date of Original Email: August 23, 2007

Subject: Request for additional information

In regards to your recent TCB application referenced above, we kindly request that you provide the following additional information.

1. Please provide Bluetooth antenna gain information in English.
2. Please verify that the EUT employs 3GPP Release 5.
3. Please address the FCC's 3G policy for the SAR tests (there is no reference to the 3G procedure in the SAR report). We note that, based on the WCDMA output power measurements in the EMC report, SAR must also be tested with HSDPA active. Please see attached, FYI.
4. Pages 23 and 25 of the SAR report list WCDMA output power levels on channel 4132 that exceed the corresponding level in the EMC report (12.2 kbps RMC, HSDPA Inactive) by more than 0.5 dB. The FCC only permits a variance between the EMC and SAR reports of 0.5 dB. Please retest a unit with output power levels (on all channels) that are within 0.5 dB of the corresponding levels listed in the other test report and submit new data.
5. Please provide WCDMA head SAR data with the Bluetooth active on the channel that produced the highest previously measured SAR level (in this case, channel 4132).
6. Typo: p.3 of WCDMA EMC report- the PCS emission designators should be

8/24/2007

249KGXW and 244KG7W. The WCDMA emission designator should be 4M22F9W (this last one must be corrected both in this report and the GSM EMC report).

7. Typo: p.3 of both EMC reports- the WCDMA output power should be 0.156 W (21.93 dBm).

The items indicated above must be submitted before processing can continue on the above referenced application.

Sincerely,

Gregory Czumak
Senior Certification Engineer
Quality Manager

PCTEST Engineering Laboratory, Inc.
6660-B Dobbin Road
Columbia, MD 21045
410-290-6652
410-290-6654 (Fax)
gregory@pctestlab.com

This communication and its attachments contain information from PCTEST Engineering Laboratory, Inc., and is intended for the exclusive use of the recipient (s) named above. It may contain information that is confidential and/or legally privileged. Any unauthorized use that may compromise that confidentiality via distribution or disclosure is prohibited. Please notify the sender immediately if you receive this communication in error, and delete it from your computer system. Usage of PCTEST email addresses for non-business related activities is strictly prohibited. No warranty is made that the e-mail or attachment(s) are free from computer virus or other defect. Thank you.