

From: 장월운

Sent: Wednesday, April 30, 2008 1:18 AM

To: Stephen S. Liu (PCTEST)

Chan Won Park; Randy Ortanez; Anna Lee Tinio

Subject: Fwd: FW: Question Regarding FCC ID: A3LSWCE100 (CLASS II)

Hello Steve,

Please see attached file.

-Following-

Q. 1. Is the 5 MHz emission also being added in this c2pc application? How is this accomplished, through soft/firmware, or hardware? If hardware, a new FCC ID is required. Please revise the description of changes document accordingly.

A. Yes, we would like to add 5MHz emission in c2pc application, Also, to support 5MHz band operation, only the firmware of SWC-E!00 will be adjusted without any h/w change.

Sincerely,

Chase Jang

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

Sender : Stephen S. Liu (PCTEST)<steve@pctestlab.com>

Date : 2008-04-30 13:44 (GMT+09:00)

Title : FW: Question Regarding FCC ID: A3LSWCE100 (CLASS II)

Hello,

Please be sure to answer this question today so we can continue the process with PBA.

Thanks,

Steve

From: PCTEST TCB [mailto:pctesttcb@pctestlab.com]

Sent: Tuesday, April 29, 2008 1:51 PM

To: SAMSUNG - David Kim

Cc: Samsung - Chase Jang 장월운; SAMSUNG - Brian Jang; SAMSUNG - Geoffrey Ham; SAMSUNG - Seoung Ho Park 박승호; SAMSUNG - Sung Joo Kim; PCTEST - Gregory Czumak; PCTEST - Randy Ortanez; PCTEST - Steve

From: Stephen S. Liu (PCTEST) [steve@pctestlab.com]
Sent: Tuesday, April 29, 2008 3:10 PM
To: 'Fr. Gregory Czumak'; 'Anna Lee Tinio'; 'Courtenay Geraghty'; 'Mia Kang'; 'Randy'; 'Greg Snyder'; 'Dan Pino'
Cc: gregory@pctestlab.com
Subject: RE: A3LSWCE100 Cls.2 - SAR Response

#4 - The conversion factor is calibrated to cover between 2500 - 2700 MHz. However, since the probe is also assessed at the nearby frequency range of 2350 - 2550 MHz, the interpolated difference in conversion factor and liquid parameters will not vary the result by more than 5% (i.e. there will not be any significant variation outside 1.5 MHz of the calibrated band).

From: Fr. Gregory Czumak [mailto:Fr.Gregory@verizon.net]
Sent: Monday, April 28, 2008 12:46 PM
To: 'Anna Lee Tinio'; 'Courtenay Geraghty'; 'Mia Kang'; 'Randy'; 'Stephen S. Liu (PCTEST)'; 'Greg Snyder'; 'Dan Pino'
Subject: A3LSWCE100 Cls.2

Technical review complete- RT questions below. PCTEST should answer most of them, but the first may need to be sent to Samsung. I must leave now, I will review the NEC app later this afternoon (and do the paperwork for this one later as well).

RT Questions:

1. Is the 5 MHz emission also being added in this c2pc application? How is this accomplished, through soft/firmware, or hardware? If hardware, a new FCC ID is required. Please revise the description of changes document accordingly.
2. The 16 QAM emission designator in the original grant is W7D- I think this is standard for this modulation. In the EMC test report, it is listed as D7W. Please either revise, or justify this emission designator.
3. On p.12/22 of the EMC report, it states that a RBW = 1 MHz was used for EIRP measurements- is this correct? I did not think that the Rule change allowing power measurements to be made per MHz was effective yet?
4. Is the SAR dipole range 2600 MHz +/- 100 MHz? If so, the low channel at 24.98.5 MHz is outside of this range- validation measurements should be provided for the entire measurement range. The probe cal report was not included- I see that the same conversion factor (6.06) was used across the entire band (189 MHz)- is the probe cal'ed for this entire range?

Liu; PCTEST - Mia Kang

Subject: Question Regarding FCC ID: A3LSWCE100 (CLASS II)

To: Mr. David Kim / Samsung Electronics Co., Ltd.

From: Mr. Gregory Czumak / PCTEST TCB

RE: FCC ID: A3LSWCE100 (CLASS II)

Applicant: Samsung Electronics Co., Ltd.

Correspondence Reference Number: A3L80256

Confirmation Number: 803270256

Date of Original Email: April 29, 2008

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. Is the 5 MHz emission also being added in this c2pc application? How is this accomplished, through soft/firmware, or hardware? If hardware, a new FCC ID is required. Please revise the description of changes document accordingly.

The item 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.
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410-290-6654 (Fax)
gregory@pctestlab.com

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