
LG Electronics Inc., FCC ID: BEJBL20DF, Assessment NO.: AN10T0292, Notice#1

4 messages

tim.dwyer@ccsemc.com <tim.dwyer@ccsemc.com>

Thu, Apr 8, 2010 at 10:08 PM

To: feel.jeong@sgs.com

Cc: tim.dwyer@ccsemc.com, lucy.tsai@ccsemc.com, claire.hoque@ccsemc.com

Dear Feel Jeong,

Review of this application is complete. There is one question as follows.

Q1: Power shown on SAR report page 19/117 for BT (1.87 mW=0.00187 mW) is different from power shown on BT EMC report page 30/53 and BT application (0.00851W=8.51 mW). Please explain.

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,

Tim Dwyer
Technical Revidewer
UL-CCS

Tim Dwyer <tim.dwyer@ccsemc.com>

Thu, Apr 8, 2010 at 10:29 PM

To: "Jo, Jenny (Gunpo)" <Jenny.Jo@sgs.com>

Cc: Lucy Tsai <lucy.tsai@ccsemc.com>

Dear Jenny,

I think I should have included you as cc for this notice.

Best regards,

Tim

[Quoted text hidden]

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Tim Dwyer
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Ko, Duke (Gunpo) <Duke.Ko@sgs.com>

Thu, Apr 8, 2010 at 11:12 PM

To: "tim.dwyer@ccsemc.com" <tim.dwyer@ccsemc.com>

Cc: "Jo, Jenny (Gunpo)" <Jenny.Jo@sgs.com>, "Jeong, Fred (Gunpo)" <Fred.Jeong@sgs.com>, "Jeong, Feel (Gunpo)" <Feel.Jeong@sgs.com>

Dear Tim,

We measured peak conducted power for **FCC** and time-averaging power for **SAR** test.

- In case of FCC, peak power data is required and settings are as below:
 - a. peak detect mode
 - b. $RBW \geq -20 \text{ dB BW}$, $VBW \geq RBW$. Then, I set $RBW = VBW = 2 \text{ MHz}$ for both of BDR and EDR
- In case of SAR, I produced that measured time-averaging power value with power meter.
- The power meter has 5 MHz RBW for power detecting.
- I know there is $10\log(\text{duty cycle rate})$ between Peak power and time-averaging power.
- For DH1 or 3-DH1 data packet, it has 35 % duty cycle rate. This is 4.56 dB in log scale.
- Ideal situation, it will be 4.56 dB but there were about 7 dB between Peak and Average.
- Generally, almost equipments show this result.
- Could you accept this issue for us?

Duke Ko / 고 경 덕

Wireless Division / Engineer / SGS Testing Korea Co., Ltd.

From: rfspectrum@gmail.com [mailto:rfspectrum@gmail.com] **On Behalf Of** Tim Dwyer
Sent: Friday, April 09, 2010 11:30 AM
To: Jo, Jenny (Gunpo)
Cc: Lucy Tsai
Subject: Fwd: LG Electronics Inc., FCC ID: BEJBL20DF, Assessment NO.: AN10T0292, Notice#1

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