

**Mike Kuo**

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**Subject: RE:**

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

**From:** james\_lee@ccsemc.com.tw [mailto:james\_lee@ccsemc.com.tw]  
**Sent:** Monday, June 28, 2004 11:01 AM  
**To:** MKUO@CCSEMC.com  
**Cc:** wklo@ccsemc.com.tw; harris@ccsemc.com.tw; ting@ccsemc.com.tw  
**Subject:** RE: Compal Electronics, Inc., FCC ID: GKRWM3BBG50, Assessment NO .: AN04T3971

**Hi Mike:**

**Question #3:** During restricted band edge measurement, the offset values used in 802.11b mode is different than 802.11g mode. Please provide all the elements in offset value for 802.11 b (-5.08)and 802.11 g mode(-4.72).

**Ans #3:** During band edge test measurement,the offset values used in 802.11b mode and 802.11g mode low channel is -5.08 dB and the offset value used in

802.11b and 802.11g mode high channel is -4.72dB(Please see the test report page 22 to 29).

The low channel offset value (-5.08dB) is added to cable loss(1.15dB),antenna factor(28.42dB/m) and amp. gain(-34.65dB).

The high channel offset value (-4.72dB) is added to cable loss(1.18dB),antenna factor(28.57dB/m) and amp. gain(-34.47dB).

**Thanks**

**Best Regard.**

----- 轉呈者 ting/ccsemc 於 2004/06/28 03:06 PM -----

**Mike Kuo <MKUO@CCSEMC.com>**

2004/06/28 01:47 PM

收件人 : "ting@ccsemc.com.tw" <ting@ccsemc.com.tw>, Mike Kuo <MKUO@CCSEMC.com>  
副本抄送 : wklo@ccsemc.com.tw, harris@ccsemc.com.tw  
主旨 : RE: Compal Electronics, Inc., FCC ID: GKRWM3BBG50, ?Assessment NO ? ? ? ? .: AN04T3971

Hi Ting :

**Question #3:** During restricted band edge measurement, the offset values used in 802.11b mode is different than 802.11g mode. Please provide all the elements in offset value for 802.11 b (-5.08)and 802.11 g mode(-4.72).

**Ans #3:** Please be aware that an offset of -5.08 is adopted for Channel Low and an offset of -4.72 for Channel High are adopted wheteher the measurement is taken for 802.11b or 802.11g.

Your reply to Question #3 did not fully address the question, please provide all the elements in the offset value for -5.08dB and -4.72 dB for b/g mode. The elements may include cable lost, antenna factor or amp gain.

M.Kuo

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

**From:** ting@ccsemc.com.tw [mailto:ting@ccsemc.com.tw]  
**Sent:** Sunday, June 27, 2004 8:41 PM  
**To:** Mike Kuo  
**Cc:** wklo@ccsemc.com.tw; harris@ccsemc.com.tw  
**Subject:** FW: Compal Electronics, Inc., FCC ID: GKRWM3BBG50, Assessment NO .: AN04T3971

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

**From:**  
**Sent:** None  
**Subject:**

Hi Mike,

**Question #1:** Functional block diagram include 3 options to design the device, please indicate which option is

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applicable to this device and delete not applicable options.

**Ans #1:** Please refer to the revised block diagram.

**Question #2:** User manual does not contain WLAN portion of information. Please provide it.

**Ans #2:** The User manual has been modified as attached.

**Question #3:** During restricted band edge measurement, the offset values used in 802.11b mode is different than 802.11g mode. Please provide all the elements in offset value for 802.11 b (-5.08)and 802.11 g mode(-4.72).

**Ans #3:** Please be aware that an offset of -5.08 is adopted for Channel Low and an offset of -4.72 for Channel High are adopted whether the measurement is taken for 802.11b or 802.11g.

**Question #4:** As indicated in 6dB bandwidth plots for 802.11g mode, the device is transmitting with applied duty cycle. Please explain.

**Ans #4:** Revision is made to "Test Procedure" on Page 11. The wordings of "Trace = Max Hold" are added in Step 3 in order to provide a specific description of the measurement. Please refer to the revised test report below.

**Question #5:** Please provide SAR test data for aux antenna tuned to mid channel at 802.11g mode.

**Ans #5:** SAR test data for aux. antenna tuned to mid channel is provided. Please refer to the revised SAR test report.

**Question #6:** Please provide second peak value on page 38 of test report per OET65 supplement C requirement.

**Ans #6:** Please refer to the revised SAR test report.

Best regards,

Ting

----- 轉呈者 ting/ccsemc 於 2004/06/28 09:07 AM -----

Mike Kuo <MKUO@CCSEMC.com>

收件人： "CCS-Taiwan, Ting (E-mail)" <ting@ccsemc.com.tw>, "CCS-Taiwan, Wklo (E-mail)" <wklo@ccsemc.com

副本抄送：

2004/06/16 04:13 PM

主旨： FW: Compal Electronics, Inc., FCC ID: GKRWM3BBG50, ?Assessment NO ? ? ? ?.: AN04T3971

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

From: Compliance Certification Services [mailto:MKuo@ccsemc.com]

Sent: Wednesday, June 16, 2004 12:56 AM

To: mkuo@ccsemc.com

Subject: Compal Electronics, Inc., FCC ID: GKRWM3BBG50, Assessment NO.: AN04T3971

Question #1: Functional block diagram include 3 options to design the device, please indicate which option is applicable to this device and delete not applicable options.

Question #2:User manual does not contain WLAN portion of information. Please provide it.

Question #3:During restricted band edge measurement, the offset values used in 802.11b mode is different than 802.11g mode. Please provide all the elements in offset value for 802.11 b (-5.08)and 802.11 g mode(-4.72).

Question #4: As indicated in 6dB bandwidth plots for 802.11g mode, the device is transmitting with applied duty cycle. Please explain.

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Question #5: Please provide SAR test data for aux antenna tuned to mid channel at 802.11g mode.

Question #6: Please provide second peak value on page 38 of test report per OET65 supplement C requirement.

Best Regards

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.

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