

Lucy Tsai

From: Claire Hoque
Sent: Wednesday, June 25, 2008 1:45 PM
To: Lucy Tsai
Cc: Chi Tsou; Amy Lie
Subject: answer: Rabbit Semiconductor A Digi International Company, FCC ID: VCB-E59C4472, Assessment NO.: AN08T8001, Notice#1
Attachments: RCM54XXW_Theory_of_Op(revised).pdf; Setup Photos.pdf; 08U11724-2B_FCC_IC_DTS_WLAN_Report.pdf; RCM54XXW_Manual(revised).pdf

Hi Lucy,

Pls see answer below.
Thanks,

Claire Hoque
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-----Original Message-----

From: Lucy Tsai
Sent: Monday, June 16, 2008 12:42 PM
To: Claire Hoque
Subject: RE: Rabbit Semiconductor A Digi International Company, FCC ID: VCB-E59C4472, Assessment NO.: AN08T8001, Notice#1

Hi Claire,

Please address following issues.

Q#1: Since this device can also be classified as PC peripheral that a FCC DOC logo with the product model no and trade name are required to be affixed on the product. Please address.
<answer> Confirmed by client that this module doesn't apply to PC installation, so FCC DOC rule is not applied.

Q#2: Per operational description, this WLAN module is capable of operating in 1-13 channels which doesn't agree with the application. Please address.
<answer> operational description is revised.

Q#3: As indicated page 21 of test report, 2003 TCB Training for devices covered under A1-A4 are followed when measuring the RF output power. Per the training material, the detector used is peak but not sample. Please re-do the test and set the sweep time to auto.
<answer> report is revised.

Q#4: Per test report, the offset value set for 6dB BW, 99%BW, average output power and PSD are 17dB and 10.5dB was offset for b mode peak output power measurement and 10.3dB was offset for g mode output power measurement. Please explain why the different offsets were used.
<answer>

The measurements were done by different engineers and the attenuator and cable they picked are different, that's why the offset is different, and regarding the output power the offset in the analyzer was zero, the offset for output power was entered manually in the power table

Q#5: User manual has covered the information that included in the operational description and block diagram. Please remove them from the user manual since operational description and block diagram are requested for keeping as confidentiality.

FYI: page 119 of user manual also listed the link for download the schematics. Please make sure those covered in the website do not include in the confidential list.

<answer>Rabbit confirmed not to submit the confidentiality letter.

Q#6: As indicated in the user manual, the output power for 802.11b is up to 100 mW (20 dBm) and 802.11g is up to 50 mW (17 dBm). Compared to the test result, the peak output power in g mode is 20.33dBm and average output power in g mode is 12.95dBm which are much different from 17dBm as listed in the test report. Please address.

<answer> The value is average output power plus antenna gain, see revised user manual for details.

Best Regards,

Lucy

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.