

Lucy Tsai

From: amanda@adt.com.tw
Sent: Monday, June 01, 2009 12:06 AM
To: Lucy Tsai
Subject: FILE-1, done FCC&IC : RE: Re : RE: Q5,6,7 : RE: done file-1 : FW: Realtek Semiconductor Corp., FCC ID: TX2-RTL8192EHMC, Assessment NO.: AN09T9206, Notice#1

Dear Lucy,

Thank you for your comments on this application!

The following items are our replies for your comments:

Q#1: Please provide host's label format.

=>pls. refer to the attached label format file.

Q#2: Host user manual indicated except 2.4GHz WLAN, it also supports with 5GHz WLAN which doesn't agree with this filing.

Also, it indicated that 20cm safe distance should be maintained from WLAN antenna to human body, for example page 37 or 38 and so on which should not apply to this application.

Above conditions are mentioned in several pages of the user manual, please go over the whole user manual and clarify.

=>pls. refer to the attached revised user manual. The attached manual is a general manual for Samsung PCs but this filing will only apply to 802.11bgn, other transmitters are not available, please refer to attached attestation letter for details

Q#3: Please provide two alternate antenna specifications.

=>pls. refer to the attached antenna specifications.

Q#4: EMC report should include radiated band edge test. Please provide.

=>This report evaluate simultaneously transmission only, therefore we will confirm spurious emission form inter-modulation condition.

They will generate new spurious emission for inter-modulation.

For band edge partail, i think it haven't any impact , because if any emission of iner-modulation fall into inband or near in-band, it will disturb and interference at coexistence with other wireless services. It will impact rf performace (maybe can't link in normal operation), if this disturb and interference exist, therefore they will avoid this situation.

[Lucy] I will like to let you that according Oct. 2005 TCB workshop New EMC co-location testing policy: simultaneous transmission data is required to be submitted only when the devices can transmit simultaneously and share a common antenna. I accept spurious emission to be tested in co-location mode, however, for future filings, please follow the guideline to provide spurious emission for each individual transmitter, including the band edge test.

Q#5: SAR report doesn't indicate that output power set for SAR test is average or peak reading. According to the KDB 447498, SAR test is based average output power, therefore, please include average output power table into SAR test report.

Q#6: There is no information for justifying why co-location SAR is not required for WLAN and Bluetooth in the SAR test report. Please include the justification into SAR test report per KDB 447498.

Q#7: Please provide dipole calibration report.

Q5,6,7: Pls. refer to the revised SAR test report.

If you still have any further question, please contact us.

Your earliest response of this matter would be greatly appreciated!

Thanks!
Best Regards,

Amanda Chu / 朱芳誼

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"Lucy Tsai" <lucy.tsai@ccsemc.com>

2009/05/20 下午 04:03

收件人 <amanda@adt.com.tw>

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送

主旨 FW: Realtek Semiconductor Corp., FCC ID: TX2-RTL8192EHMC, Assessment NO.: AN09T9206,
Notice#1

Hi Amanda,

Here you go.

Best Regards,
Lucy Tsai
CCS

-----Original Message-----
From: Lucy Tsai

Sent: Tuesday, May 19, 2009 10:08 AM
To: eric_lin@adt.com.tw
Cc: Lucy Tsai
Subject: Realtek Semiconductor Corp., FCC ID: TX2-RTL8192EHMC,
Assessment NO.: AN09T9206, Notice#1

Hi Eric,

Please address following issues.

Q#1: Please provide host's label format.

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Q#7: Please provide dipole calibration report.

Best Regards,
Lucy Tsai
CCS

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.