

Mike Kuo

From: hsieh [hsieh@etc.org.tw]
Sent: September 30 日 2004 年 Thursday 3:33 AM
To: Mike Kuo
Subject: Re: Chung Nam Electronics Co., Ltd., FCC ID: Q72WLG100, Assessment NO.: AN04T4148, Notice#3



ID
Label_Location.pdf



MPE.pdf



Request for
nodular approval.p..



Test report for
Q8.pdf



Theory of
operation.pdf



User Manual.pdf

Hi Mike,

Thank you for your information. This case will be the limit modular approval.

Re-Question #1:

Attached please find the request for limit modular approval letter and the MPE report.

Re-Question #2:

Attached please find the document of theory of operation .

Re-Question #3 & #4:

Not necessary.

Re-Question #5:

Attached please find the user manual for WLAN mini-PCI Card.

Re-Question #6:

Attached please find the document of ID label and location.

Re-Question #7:

The "30dBm" is the declare factor by the manufacturer in the test software. It's just the reference factor for the output power. The two values are not "equal".

Re-Question #8:

Attached please find the test report of restricted bandedge measurement at OATS.

Any uncomfortable please contact me.

Thanks.

Best regards,

Joe

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

From: "Mike Kuo" <MKUO@CCSEMC.com>

To: <hsieh@etc.org.tw>

Sent: Saturday, September 25, 2004 8:20 AM

Subject: FW: Chung Nam Electronics Co., Ltd., FCC ID: Q72WLG100, Assessment NO.: AN04T4148, Notice#3

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> -----Original Message-----

> From: Compliance Certification Services [mailto:MKuo@ccsemc.com]
> Sent: Friday, September 24, 2004 4:59 PM
> To: Mike Kuo
> Subject: Chung Nam Electronics Co., Ltd., FCC ID: Q72WLG100, Assessment NO.:

> AN04T4148, Notice#3
>
>
> Question #1: Per the applicant's request, this application will be reviewed
> as original application with FCC ID:Q72WLG100 under Assessment no:AN04T4148.
>
> As I indicated in the previous notice, equipment under test as presented in
> the test report is Notebook Computer not the 802.11 b/g mini-PCI card.
> Please make necessary changes to the test report . If you want to file this
> application as 802.11 b/g mini-PCI card, you have to provide a request for
> modular approval letter. In this letter, you must address all the
> requirement as indicated in FCC public notice DA 00-1407. During the
> radiated emission tests, the mini-PCI module was tested inside the notebook
> computer so this mini-PCI module can only be requested for limited module
> approval to be associated with E-Machine model No:M5310. If limited modular
> approval is requested, then this mini-PCI card can only be used inside
> E-Machine M/N:M5310. If other notebook computer will use this mini-PCI
> card, then you have to file Class II permissive change to include additional
> notebook computer.
>
> Question #2: Please provide theory of operation or operational description
> for 802.11 a/b mini-PCI card.
>
> Question #3: Please provide schematic diagram for entire notebook computer
> since the EUT is notebook computer with 802.11 b/g mini-PCI card.
>
> Question #4: Please provide functional block diagram for notebook computer
> since the EUT is notebook computer with 802.11 b/g mini-PCI card.
>
> Question #5: Please provide user manual for notebook computer and please
> make sure to include the information for WLAN operation and RF exposure
> requirements.
>
> Question #6: The proposed FCC ID label format is for modular approval.
> Since the EUT is notebook computer with 802.11 b/g mini-PCI card, you may
> not use " contains FACT ID :Q72WLG100". Please submit revised FCC ID label
> format.
>
> Question #7 : Page 12 of test report which provide the WLAN setting of 30
> dBm. Please explain why the setting was set to 30 dBm but the highest
> measured output power is 25.74dBm, please explain the relation to the
> software setting to actual measurement.
>
> Question #8: As indicated in the test report, for frequencies above 1 GHz
> are too low to be recorded. Spectrum plots were provided from 1 GHz to 26
> GHz. Is measurement done in chamber ? is the chamber calibrated to measure
> above 1 GHz ? Based upon the output power measurement and considering the
> antenna gain, there should be some spurious emissions which are within

20dB

> of limits. Please provide restricted bandedge measurement at OATS by tuning

> the WLAN to channel 11 (2462 MHz) at 802.11b and 802.11 g modulation and

> measure the field strength at 2483.5MHz.

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> Best Regards

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> Mike Kuo

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> 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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