

Mike Kuo

From: rick
Sent: March 11 2004 2:20 AM
To: Mike Kuo
Subject: Re: Chung Nam Electronics Co., Ltd., FCC ID:Q72WLG, AN04T3704



Photos of notebook
computer.do...

Dear Mike,

Regarding Question #1 : This case approved as "Notebook computer with 802.11g mini-PCI card", attached please find Notebook user manual, Photos of notebook computer and ID Label.

Question #2, 3, 4 : please find the revised user manual.

Question #5 : Please find the attached of test plots, the OFDM modulation was tested before, we sent the worst case data to you last time.

Best regards,
Rick Hu

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

From: "Mike Kuo" <MKUO@CCSEMC.com>
To: <rick
Sent: Tuesday, March 09, 2004 11:26 AM
Subject: FW: Chung Nam Electronics Co., Ltd., FCC ID:Q72WLG, AN04T3704

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>
> -----Original Message-----
> From: CERTADM
> Sent: Monday, March 08, 2004 7:21 PM
> To: Mike Kuo
> Subject: Chung Nam Electronics Co., Ltd., FCC ID:Q72WLG, AN04T3704
>
>
> Notice_content
> -----
> Question #1: The EUT description listed on the TCB application form is
> IEEE
> 802.11g WLAN mini-PCI card. The application does not include limited
> modular approval or full modular approval cover letter. Based upon the
> test
> setup photos, the mini-PCI card was tested inside the Emachines Model 5310
> (
> based upon installation manual). With these information in mind, there
> are two possible approval scheme:
>
> a. Approved as "802.11g mini-PCI module" with limited modular approval to
> be
> used in specific notebook computer. Additional information required:
> 1)request for limited modular approval letter, 2)additional FCC ID label
> format will be placed on the notebook computer, 3) Notebook user manual or
> b. Approved as "Notebook computer with 802.11g mini-PCI card". Additional
> information required: 1) Notebook user manual, 2) Internal photo of
> notebook
> computer 3) revised FCC ID label format/location. FCC ID label will be
> placed on the notebook computer not on the mini-PCI card.
>

> Please confirm which approval scheme will be used and provide necessary support document.

>

> Question #2: The antenna will be installed on the top edge of LCD panel where the 20 cm separation distance can be maintained during normal operation. Since the antenna is installed on the top edge of LCD panel, this device complies with 2.1091 of FCC rules as mobile device. However, in the user manual, it provides the RF exposure statement to require the end user to maintain at least 2.5 cm separation distance. Any separation distance less than 20 cm is considered as portable device per section 2.1093 of FCC rules. Please provide revised user manual.

>

> Question #3: Based upon the description in the user manual, it is written in such way to instruct the end user to install the mini-PCI card. Based upon FCC policy, mini-PCI card with can not be installed by the end user unless the transmitter is equipped with bios-locking to detect the authorized antenna and then enable the transmission. Please remove any instruction to end user to remove the device in the notebook manual.

>

> Question #4: Based upon equipment specification listed in the user manual and user accessible software, the software allows to end user to select the domain based upon the region. Please provide technical justification to ensure that only 2412-2462MHz operation will be used in U.S..

>

> Question #5: Section 9 of test report : RF conducted spurious emission. The test report only indicate channel 1, 6 and 11, which modulation was tested. Please provide missing modulation test plots.

>

> Best Regards

>

> Mike Kuo

> 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.