

From: S. S. Liou [ssliou@seed.net.tw]
Sent: Wednesday, May 21, 2003 11:28 PM
To: Mike Kuo
Subject: Re: Fi Win Inc, FCC ID:Q5SWU28, AN03T2845

Hi Mike,

Our customer do some software modification to reduce the output power to comply with the exemption of SAR evaluation. Please refer to attached test report.

The authorization letter is also revised because there are two models WU28 and WU18. The difference between them is that WU18 is only 802.11 wireless LAN card but WU28 contains wireless LAN and add-in Flash Memory. They use the same schematics and layout.

The user manual is revised. The RF exposure statement to declare the separation distance that end user should maintain during the operation was added. Please check.

For your question 3, those frequencies you mentioned are receiving local oscillation frequencies. The levels were too low to be measured. The remarks were added on the test report.

As to the test procedure in section 4.2(A), because only handheld or body worn device needs to be investigated with three axis, the procedure was corrected. Please check.

regards,

S. S. Liou
Engineer / EMC Dep. II
ETC

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

From: "Mike Kuo" <MKUO@CCSEMC.com>
To: "ETC/Iris (E-mail)" <etcemi@seed.net.tw>; "Will Yauo (E-mail)" <willyyauo@seed.net.tw>
Sent: Tuesday, May 13, 2003 7:05 AM
Subject: FW: Fi Win Inc, FCC ID:Q5SWU28, AN03T2845

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

> From: CERTADM

> Sent: Monday, May 12, 2003 4:03 PM

> To: 'mkuo@ccsemc.com'

> Subject: Fi Win Inc, FCC ID:Q5SWU28, AN03T2845

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> Notice_content

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> Question #1:This device is equipped with standard USB connector. The tests

> were performed with USB cable. When USB cable is used, this WLAN USB

> adapter can be classified as Mobile Device where the 20cm separation

> distance can be maintained by the end user. However, since this device is

> equipped with standard USB connector, this device can also be used with
> notebook computer. When connect to the standard notebook computer, the
> separation distance will be less than 2.5cm separation from the WLAN USB
> card to the body of user at lap held position. Based upon FCC guideline,
> when the separation distance is less than 2.5cm, only the output power is
> less than 25mW can be exempted from SAR evaluation. Otherwise, SAR
> evaluation is required to qualify for TCB review.
>
> "Any RF exposure statement used in the user manual should not be user's
> burden to maintain a minimum separation distance for satisfying compliance
> with RF exposure limits. " Please address SAR evaluation issue and provide
> SAR evaluation report.
>
> Question #2: Section 4.2(A) preliminary test procedure is misleading.
This
> device can be used for portable (2.1093) or Mobile (2.1091) application.
> The test procedure described in this section indicates that device has
been
> tested with three axis. Per ANSI C63.4 section 13.1.4.1, only handheld or
> body worn device needs to be investigated with three axis. Please provide
a
> test setup photo to show how the three axis were positioned.
>
> Question #3: Section 4.4.1 of test report, all fundamental frequencies (
> 2412, 2437, and 2462MHz) did not report any emission field strength.
> Please explain.
>
> Question #4: User manual does not contain RF exposure statement to declare
> the separation distance that end user should maintain during the
operation.
> Please provide revised user manual.
>
> 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 60 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.