Chris Harvey

From: gina.lo [gina.lo@tw.ccsemc.com] on behalf of application [application@tw.ccsemc.com]
Sent: Monday, December 08, 2008 3:36 AM
To: charvey-tcb@ccsemc.com
Cc: application.2008@tw.ccsemc.com; chris.harvey@ccsemc.com; lucy.tsai@ccsemc.com
Subject: □□□ LanReady Technologies Inc., FCC ID: SCD030009, Assessment NO.: AN08T8655, Notice#1
Attachments: WUB1900R Internal Photo Revised 1208.pdf; WUB1900R External Photo Revised 1208.pdf; WUB1900R RF Test set up photo Revised 1208.pdf; WUB1900R RF Test report Revised 1208.pdf

Dear Chris,

Please see my reply as the below, thank you.

Best Regards,

Gina

<charvey-tcb@ccsemc.com>

2008/12/05 03:58 AM

¦¬¥ó¤H¡G <application.2008@tw.ccsemc.com>
°Æ¥»§Û°e¡G <chris.harvey@ccsemc.com>, <lucy.tsai@ccsemc.com>
¥D¦®¡G LanReady Technologies Inc., FCC ID: SCD030009, Assessment NO.: AN08T8655, Notice#1

Dear Celia Hsieh,

You are listed as the Technical Contact for the above referenced TCB application. The following item(s) need(s) to be resolved before the review can be continued:

1. The application seems to be submitted for a USB dongle device for Portable RF Exposure use with Notebook computers, as well as for Mobile RF Exposure use with several external antenna options. The details of how this USB Dongle interfaces with the USB extension cables and the external antennas are not clear. There are several external photos of the antennas, but there is no indication of where the USB Dongle interfaces with the USB cable or antenna connectors. Please provide detailed internal photographs of the USB antenna units showing the USB dongle and the RF connectors.
Ans:We have updated the EUT Photo, please have the attachment.

2. Is the USB Dongle installed into a host antenna/USB device by the end user? Are the antenna connectors on the PCB available to the end user? If yes, please specify how the RF power is adjusted for use with the different antennas? If the different antenna configurations are available only to OEM manufacturers, please provide the installation instructions for OEM antenna/power combinations (should be held confidential so please update the confidentiality request letter).
Ans:We have update the EUT Photo, please have the attachment.

3. Please clarify if this 1x2 MIMO operation uses the external antenna for transmit-only, transmit/receive, or receive-only.
Ans: External antenna is transmit/receive.

4. The Antenna Specification exhibits state that the antennas have reverse-SMA connectors (for 15.203 compliance) but the USB PCB antenna connector is different. Please specify the RF connector used on the PCB, and also clarify that ALL RF connectors in the RF path comply with FCC 15.203.
Ans: Antenna contecter is as below,
*Omni antenna: reverse-SMA connectors
*Model Number: AWM1908FR (Dipole Antenna / Gain: 7.04 dBi): integral antenna
*Patch antenna:integral antenna
*PCB: Pronted antenna

5. The SAR test report addresses RF Exposure of the Portable configuration using the internal PCB antenna, but does not address the RF Exposure of the device using any of the external antennas. Please clarify if these other antennas are all for Mobile RF Exposure use and provide RF Exposure compliance for the combinations of RF power and antennas.
Ans: We revised the test report(page 180-182), please have the attachment.

6. The RF test report documents the RF Conducted Power for the PCB antenna and the 9.12dBi Patch antenna, but not for any other antenna's.
Ans: The omni antenna RF Conducted Power is the same with 9.12dBi Patch antenna.
We revised the test report, please have the attachment.

7. One of the SAR exhibits (titled RF Exposure Info. - WUB1900R SAR Test report D2450v2-SN 728-13.4mW Body.pdf) has data for DUT model WUSB54GC V2 dated July 24-25, 2008. Please confirm if this exhibit is supposed to be filed in this application. If not, please confirm that it is OK to remove this exhibit from the application.
Ans: Sorry, D2450v2-SN 728-13.4mW Body.pdf not correct, Please see Testplots page1~2 is correct.

You have supplied the Users manual for the model AWLL6077, but the other models (including the external antenna devices) manuals have not been provided.
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.

Best regards,

Chris Harvey
Charvey-tcb@ccsemc.com