

**Chris Harvey**

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**From:** lucy.tsai [lucy.tsai@tw.ccsemc.com] on behalf of application [application@tw.ccsemc.com]  
**Sent:** Tuesday, May 09, 2006 5:49 AM  
**To:** charvey-tcb@ccsemc.com  
**Cc:** Mike Kuo  
**Subject:** Re : UNIWILL COMPUTER CORP., FCC ID: SAZ-GUBTCRQ2426, Assessment NO.: AN06T5664, Notice#1  
**Attachments:** X51IAx (x=0~9 or a~z or blank) Test Rpt for Part 22&24 Revsied 0427.pdf; X51IAx (x=0~9 or a~z or blank) Internal Photo-1 Revised 0427.pdf; X51IAx (x=0~9 or a~z or blank) UerMan\_Revised.pdf; Uniwill X51I Series FCC IC Antenna Auth ltr\_WM3945ABG.pdf

Dear Chris:

Sorry for the delay and please refer to below for our reply.  
 Besides, as for BT portion, please refer to Application-Amanda's email dated Apr. 18 for details.

Thank you and Best regards

Amanda

<p>&lt;charvey-tcb@ccsemc.com&gt;</p> <p>2006/04/18 12:09 AM</p>	<p>收件人: &lt;application@tw.ccsemc.com&gt;</p> <p>副本抄送: &lt;charvey-tcb@ccsemc.com&gt;</p> <p>主旨: UNIWILL COMPUTER CORP., FCC ID: SAZ-GUBTCRQ2426, Assessment NO.: AN06T5664, Notice#1</p>
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Dear Lucy Tsai:

I have preformed the review of the above TCB application (GPRS Pt. 22/24 portion) and find that the following items need to be addressed before the application review can be completed:

1. This Notebook PC apparently has a collocated Intel WLAN Module (according to the Label and manual exhibits this is FCC ID: PD9WM3945ABG). This collocated situation is not completely documented in this application. What antenna is being used with the WLAN module and has this antenna been approved for use with the Intel WLAN module?

Ans: The antenna is PIFA which has been certified under Intel FCC ID:PD9WM3945ABG. Please refer to attached Intel authorization letter for details.

5/10/2006

2. Page 2 of the Agency Regulatory Notices portion of the user's manual has a typo (missing the PD9 Grantee code) in the WLAN FCC ID that must be corrected. Please submit the revised Manual.

Ans: User manual revised as attached.

3. Please provide an RF Exposure exhibit (SAR or MPE as applicable) and antenna position diagram/photo that documents the position of the antennas for this device with respect to the other antennas and the users. Are all antennas at least 20cm from the other antennas and from the user? If this device is Portable (<20cm separation to the user) then SAR testing may be required for the WLAN and/or GPRS and Bluetooth transmissions. If the antennas are within 20cm from each other then collocated RF Exposure may be required.

Ans: Antennas of WLAN and GPRS located are at least 20cm from user that SAR evaluation testing are not required. Please refer to revised EUT internal photos-1 for details.

Please note that if the Intel WLAN module in this device uses an antenna that was not approved for use with the module, or if the WLAN antenna is collocated (within 20cm) with the GPRS or Bluetooth antenna, then a Class II Permissive Change application may be required for the Intel WLAN module.

Ans: The antenna has already been certified under Intel WLAN FCC ID: PD9WM3945ABG and it's not necessary to do additional Class II permissive change. Please refer to attached Intel authorization letter for details.

4. Please provide the following exhibits for the GPRS Portion of this device:  
Schematic Diagram for the RF portion  
Technical Operational Description for this GPRS operation of this device (exhibit provided has just a simple block diagram)  
Tune-Up Procedure  
Parts List  
DC Voltages/Currents for the RF portion  
Block Diagram for the RF portion

Ans: Please refer to Mike's email for above documents because the documents were sent to Mike directly by the GPRS manufacturer.

5. The RF Test report has some data with the high channel of 848.7 MHz and some with 848.8 MHz. Please clarify the center frequency of the high channel and ensure that the test data shows compliance with all requirements of FCC Pt. 22.

Ans: 848.7MHz is the correct frequency of high channel, please have the revised test report.

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,

5/10/2006

Chris Harvey  
charvey-tcb@ccsemc.com