

From: Helen Zhao
Sent: Tuesday, March 11, 2003 2:33 PM
To: Mike Kuo
Cc: Steve Cheng; Michael Heckrotte; Shirley Kang
Subject: RE: Quanta Computer Inc., FCC ID:HFSZG1SWM3B2100, AN03T2645
Hello Mike,

Regarding Q1, the users manual is revised to include only one option: 802.11b. Attached is the revised users manual.

Regarding Q2, this information is added on page 14 of revised FCC test report. See attached test report.

Regarding Q3, please ignore the setup photos presented in CCS FCC test report. See attached digital device test report prepared by C&C.

Regarding Q4, the 802.11b guide and RF exposure statement have been added into notebook users manual. Please refer to updated users manual (Q1)

Regarding Q5, please kindly ignore the SAR report for WM3B2100 Intel WLAN module.

Regarding Q6, please refer to Q1, the users manual is updated to include only one option: 802.11b, so no additional test is needed.

Thank you!
Helen

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

From: Mike Kuo
Sent: Tuesday, March 04, 2003 4:20 PM
To: Michael Heckrotte; CLIENT ADVOCATES; Shirley Kang
Cc: Steve Cheng
Subject: FW: Quanta Computer Inc., FCC ID:HFSZG1SWM3B2100, AN03T2645

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

From: CERTADM
Sent: Tuesday, March 04, 2003 4:17 PM
To: 'mkuo@ccsemc.com'
Subject: Quanta Computer Inc., FCC ID:HFSZG1SWM3B2100, AN03T2645

Notice_content

Question #1: In accordance to User manual, the notebook computer has three wireless options. These three Wireless Options are : Bluetooth, Wireless LAN 802.11 or Wireless LAN 802.11 a/b. The information contains in this filling only included Wireless LAN 802.11b device without addressing co-location requirement with other optional transmitters. In order to complete this application, please inform the following information :

a. Will another FCC/TCB application to be filed to include Notebook with Bluetooth option ? If such applicant will be filed, please inform the proposed FCC ID number will be assigned to Notebook with Bluetooth.

B. Will another FCC/TCB application to be filed to include Notebook with 802.11 a/b option ? If such application will be filed, please inform the proposed FCC ID number will be assigned to Notebook with 802.11 a/b .

C. Will Bluetooth and Wireless LAN 802.11/b transmitters co-exist and transmit simultaneously in the same notebook computer ?

D. Will Bluetooth and Wireless LAN 802.11 a/b transmitters co-exist and transmit simultaneously in the same notebook computer ?

E. Will Wireless LAN 802.11b and 802.11 a/b transmitters co-exist and transmit simultaneously in the same notebook computer ?

F. If Bluetooth transmitter is installed, where is the transmitting antenna to be located and what is the separation distance between BT transmitting antenna to the body of end user during normal operating conditions ?

G. If the 802.11 a/b transmitter is installed, where is the transmitting antenna to be located and what is the separation distance between the transmitting antenna to the body of end user during normal operating conditions ?

Question #2: Page 11 of 38 of CCS test report, indicates the Bluetooth transmitter is installed in the notebook computer during the tests. However, the radiated spurious emission data only with WLAN active. Bluetooth transmitter is not activated during the tests. Please explain the test procedure for including Bluetooth transmitter but not activate.

Question #3: The Test setup for digital portion of tests does not comply with ANSI C63.4 for testing Personal Computer. The digital portion of test data can not be used to justify 15.109 and 15.107 requirements. Please redo the digital portion of tests or provide FCC DoC test report to justify 15.109 and 15.107 compliance.

Question #4: The user manual for notebook computer does not include any information for WLAN/802.11b/Bluetooth/802.11a/b. However, the user manual from Intel Wireless LAN module did provide in this filing. The Intel WLAN user manual is written for when the transmitter module is used and provide 20cm separation distance to the body of user. Intel User manual also include 5GHz capabilities. Please provide WLAN 802.11/b portion of user manual is written for the notebook computer and make sure to address RF exposure requirements.

Question #5: Two sets of SAR evaluation reports are provided in this filing. The SAR test report for Wireless LAN module will not be used to determine the RF exposure compliance. FCC does not establish SAR evaluation procedures for portable transmitter module. In addition, the transmitter module was tested as stand alone which was not tested in the notebook computer. SAR evaluation will only be determined by reviewing the SAR evaluation report performed with Notebook computer. This questions is the statement from TCB for your information.

Question #6: During SAR evaluation, only WLAN transmitter is installed and activated. Co-location with another transmitter has not been tested and

addressed. Additional SAR evaluation may be required based upon the reply to Question #1.

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.