

Chris Harvey

From: amanda.wu [amanda.wu@tw.ccsemc.com] on behalf of application [application@tw.ccsemc.com]
Sent: Wednesday, September 26, 2007 10:38 PM
To: charvey-tcb@ccsemc.com
Cc: application.2007
Subject: Re:Arima Computer Corp, FCC ID: ID4TB1204965, (DTS) Assessment NO.: AN07T7199, Notice#1

Dear Sir,

Please see my reply, thank you.

Best Regards,

Amanda

<charvey-tcb@ccsemc.com>

收件人 : <application@tw.ccsemc.com>

2007/09/18 02:28 AM

副本抄送 : <charvey-tcb@ccsemc.com>

主旨 : Arima Computer Corp, FCC ID: ID4TB1204965, (DTS) Assessment NO.: AN07T7199, Notice#1

Dear Gina Lo,

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. This Notebook Computer label does not contain the statements required by FCC 15.19, and does not seem to meet the allowance of 15.19(a)(5) to place the statements in the manual.. Please revise the Label to include the requirements of 15.19.

[Ans: Please see the revised Label sample and location.](#)

2. The DTS Power plots seem to show a device transmitting at a duty cycle lower than 100%, as the plots have sections of the trace that drop well below the peak of the trace (see plots on page 40-42 and 47-49). Please ensure that the peak power measurements of the HT40 modes are actually measuring the Peak Power.

[Ans: Yes, the peak power measurements of the HT40 modes are actually measuring the peak power.](#)

3. Please confirm that the antenna connected to AUX2 will never be a transmit antenna.

9/27/2007

Ans: Function for AUX2 is for receives only. Base on module design limitation, it cannot be configured to a transmit port.

4. The SAR test report indicates that:

"Co-location test mode is use WLAN worst mode and Bluetooth transmit simultaneously."

This implies that the Bluetooth was transmitting for all SAR testing. The FCC requires complete SAR testing of the dominant transmitter (WLAN) with the non-dominant transmitter (Bluetooth) turned off. The worst case SAR location is re-measured with the Bluetooth transmitter turned on.

Ans: "Co-location test mode" must change to "WLAN worst condition channel".

"WLAN worst condition channel" was using Tip position.

At 802.11b channel 6 Tip position main antenna is worst, and 802.11g channel 6 Tip position main antenna is worst, and 802.11a channel 149 Tip position main antenna is worst channel, these worst channel additional turn on bluetooth transmit simultaneously is SAR Co-location test.

5. The UNII test report indicates that the antenna gain is 0.26dBi in the 5.2Hz band, where the Antenna Specification shows a peak gain of 2.52dBi. The DTS test report indicates that the antenna gain is -0.55dBi in the 5.8GHz band and -0.47 in the 2.4GHz band, where the Antenna Specification shows a peak gain of 2.8dBi and 2.5dBi respectively. Please explain and correct the exhibits as needed.

Ans: Please see the revised antenna specification.

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