Lucy Tsai

From: Annie Cheng (鄭佩瑛) [Annie@sporton.com.tw]
Sent: Friday, March 18, 2011 12:56 AM
To: Lucy Tsai
Cc: Roy Wu (吳瑞源); Willy Chen (陳立)
Subject: 1/2: Acer Incorporated, //HLZTMDMA500 //AN11T0159/AN11T0160
Attachments: Quarantined Attachment Report

Importance: High

Dear Lucy,

Please refer to our reply below:
Q#1: According to the schematics, the RF module is a WLAN+BT+FM transceiver. If FM transmitter is disabled, please then provide an attestation letter to state it.
A＃1: The Wi-Fi module, provided from Azurewave, is Azurewave's general purpose combo module. However, Acer's project has "NO" FM (Tx & Rx) interface to CPU(page 21), FM transmitter is not supported in this filing.

Q#2: The RF exposure statement in page 37-38 of user manual Part III mentioned that "For body worn operation, this device has tested …….with accessories that contain no metal and that position the handset a minimum of 0 cm from the body……is switch on." This is a tablet PC, not a handset. Also, test was not carried with any accessory. The statements do not agree with filing. Please correct.
A#2: The updated User Manual for the third portion is hereby attached.

Q#3: An attestation letter states WLAN and BT co-existence mechanism is to ensure that the WLAN and BT transmitters would not simultaneously operate. Please explain why "co-existence mechanism" can prevent WLAN/BT will not transmit simultaneously?
A＃3: Pls see the A500_BlkDia_BT+WLAN.pdf. Because the module maker use a switch IC (2.4GHz SP3T), this is a TDD mechanism. Therefore it is impossible to transmit simultaneously.

SAR test report
Q#4: Page 8 of SAR report mentioned that mentioned that co-location SAR is not required is because BT output power is lower than the Pref.
And in the next line it mentioned again that Bluetooth standalone SAR is not required because the Bluetooth power is less than 60/f.
Based on above information, please clarify following issues separately.
-Based on above information, BT and WLAN can transmit simultaneously and this does agree with the attestation letter mentioned din Q#4. Please clarify again.
-Please do not mix-use the KDB.
A#4: Updated on page 8 of A500_RFExp.

Q#5: Regarding the test position of primary landscape, primary portrait and secondary portrait, it is difficult to find out where the transmitter antenna located from the setup photos. Please clarify.
Also, please explain why both primary portrait and secondary portrait need to be set for test since one of it is with GPS antenna which is for receiving only.
A#5: Updated file of A500_RFExpPho is hereby attached.

DTS report:
Q#6: Please explain why three orientation planes hadn't been investigated during the EMC since this tablet can be rotated to 360 degrees.
A#6: Please refer to page 9 of A500_TestRpt_DTS, we have added the third remark.

Q#7: What are the RBW/VBW settings for radiated spurious emission test, including band edge test? Please clearly document them into the report for both peak/average measurements for below 1GHz and above 1GHz.
A#7: We have added the required information on page 26 and page 56 of A500_TestRpt_DTS.

DSS report:
Q#8: Please explain why three orientation planes hadn't been investigated during the EMC since this tablet can be rotated to 360 degrees.
A#8: Please refer to page 9 of A500_TestRpt_DSS, we have added the third remark.

Q#9: Regarding Dwell time test, only DH5 was set to test at Mode 5 which is not acceptable nor agree with the test description as documented in page 10 of test report. Except DH5, other two packets as DH1 and DH3 are also needed to be investigated. Please provide test data accordingly.
Q#10: Again, page 10 of test report documented that all three modulations were be set for all RF conducted test but output power test/RF conducted spurious emission test only documented the result measured at π/4-DQPSK. Please provide the output power value conducted at other two modulations.
A#9&10: We've performed all measured data on chapter 3.4 Dwell Time Measurement and 3.5 Peak Output Power Measurement, please refer to the updated report, A500_TestRpt_DSS.

All IC reports will be updated according to FCC reports.

The attachments will be sent by two separate e-mails Thanks a lot!.

Best Regards,
Annie Cheng

Sporton International INC.
Office Number: +886-3-3273456 Ext. 334
E-mail. Annie@sporton.com.tw
Website: http://www.sporton.com.tw

台灣地區耕興顧客滿意專線 (Sporton Taiwan Customer Service):0800-800005
