

Lucy Tsai

From: elise.tang [elise.tang@cn.ccsemc.com]
Sent: Thursday, November 22, 2007 9:58 PM
To: Lucy Tsai
Cc: 'miro.chueh'; lin.zhang@cn.ccsemc.com; 'elise.tang'
Subject: 答复: ??: Mitac International Corporation, FCC ID: P4Q-BE7977, Assessment NO.: AN07T7339, Notice#1---Update
Attachments: User Manual.pdf; Part 15.247 FHSS.pdf; BT Declartion.pdf; modification .pdf

Dear Lucy,

Please check them.
Hope I can receive the grant today.
Thank you very much.

发件人: Lucy Tsai [mailto:lucy.tsai@ccsemc.com]
发送时间: 2007年11月23日 12:16
收件人: elise.tang
抄送: miro.chueh; lin.zhang@cn.ccsemc.com
主题: RE: ??: Mitac International Corporation, FCC ID: P4Q-BE7977, Assessment NO. : AN07T7339, Notice#1---Update

Hi Elise,

Test report is ok but please re-answer all questions in English.

Q#1: Page 4 of test report indicates the antenna used is Chip antenna which doesn't agree with the antenna specification, please clarify.
<please see attached revised test report>

Q#2: Page 5 of test report indicates that no modification was added which doesn't agree with internal photos. Please revise and provide a statement, declaring those modification are approved by the grantee.
<please see attached revised test report and "modification.pfd" list approved by the manufacturer.>

Q#3: Based upon the theory of operation, this device is designed per Bluetooth 2.0+EDR. As stated in the theory of operation, this device is capable of operating in three different modulations: GFSK, DQPSK and 8DPSK.
In the test report, there is no information on which ACL packet Type was selected for the final testing and the worse case investigation. Please address.
<please see attached revised test report>

Q#4: Page10 of test report indicates the support units including PC, keyboard, monitor, printer, mouse and modem which do not show on the test setup photos. Please clarify.
< Please see revised test report.>

Q#5: Page 21 of test report indicates the channel separation is smaller than 20dB bandwidth which doesn't comply with the limit specified in the top of page 21. Per 15.247(a)(1), alternatively, frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater, provided the systems operate with an output power no greater than 125 mW.
To comply with above requirement, please revise the related tests limit at the same time, for example, output power, number of channel hopping and channel separation.
<please see attached revised test report>

Q#6: The test plot of conducted emission indicated in page 31 should be low channel but not the high channel, please revise.

[<please see attached revised test report>](#)

Q#7: Please demonstrate that this Bluetooth device has complied with FCC 15.247 requirements as below:

Is the hopping sequence pseudorandom, based on the technical description?

Is each channel used equally on average, based on the technical description?

Does the associated system receiver have a compliant input bandwidth, based on the measured 20 dB emission bandwidth?

[<please see attached file "BT Declartion.pdf">](#)

Q#8: Page 8 of user manual indicates an external antenna connector is located in the rear side of the EUT. Please confirm whether this antenna connector is for GSP antenna used or not.

[<Yes,it is GPS antenna connector>](#)

Q#9: User manual doesn't address the requirement of RF exposure per 2.1091. Please address.

[<please see attached revised User Manual>](#)

Q#10: Label format indicates a FCC DOC logo that according 15.105, user manual should include the proper information to user. Please address.

[<please see attached revised User Manual>](#)

Best Regards,

Lucy