

Lucy Tsai

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寄件者: angel.hu [angel.hu@tw.ccsemc.com]

寄件日期: 2007年9月3日星期一 下午 10:31

收件者: Lucy Tsai

主旨: RE: FW: Wireless Cables Inc., FCC ID: SQCAC1600, Assessment NO.: AN07T7057

Dear Lucy:

Please address Q#5-6 and Q#8 again, they are not completely addressed.

Q#5: Page 47 of test report specified this device was a portable device and exempted from SAR or MPE evaluation. Please explain why this device is defined as a portable device but not a mobile device as well as why MPE evaluation is not applicable.

Moreover, please address how to prevent user from the RF exposure in the user manual.

[Lucy] As test report revised that this is a mobile device that MPE evaluation is required but not applicable. Please revise.

Ans#5: Please see page 49 test report.

Q#6: Please provide the specification of the RF cable that connected to the 18dBi panel antenna. And also, according to 18dBi panel antenna and 9dBi dipole antenna specifications, the antenna connector are integral N-Female and SMA which don't comply with FCC Part 15.203 that using a standard antenna jack is prohibited.

To comply with it, the professional install will be required, please address the professional information into the user manual.

[Lucy] You still didn't address it. For the specification of RF cable of 18dBi panel antenna used, it's as indicated on page 6 of external photo. Please provide this RF cable's specification. For both antennas, as mentioned previously that the antenna connectors are standard type that don't comply with FCC Part 15.203. Again, to comply with it, you can either change antenna connector to or provide professional installation.

Ans#6: Please see attached spec. of RF cable & professional installation guide.

Q#8: User manual specified a 24dBi parabolic antenna may be used but no information or test data submitted. Please explain.

[Lucy] Page 4 of user manual still indicated 24dBi antenna is applicable, please revise.

Ans#7: Please see attached revised user manual.

**If you have any questions, please feel free to contact us.**

\* \* Thanks & Best Regard \* \*

**Compliance Certification Services Inc.**

**程智科技股份有限公司 - EMC Department**

\* \* Angel Hu \* \* 【胡嘉玲】 \* \*

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2007/9/6

Lucy Tsai

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寄件者: angel.hu [angel.hu@tw.ccsemc.com]

寄件日期: 2007年8月20日星期一 下午 8:53

收件者: Lucy Tsai

主旨: Re:FW: Wireless Cables Inc., FCC ID: SQCACC1600, Assessment NO.: AN07T7057, Notice#1

----- 轉呈者 angel.hu/ccsemc 於 2007/08/21 11:47 AM -----

gina.lo

寄件人: angel.hu

收件人: "Mike Kuo" <mike.kuo@ccsemc.com>

副本抄送:

胡嘉玲

主旨: Re:FW: Wireless Cables Inc., FCC ID: SQCACC1600, Assessment NO.: AN07T7057, Notice#1 [連結](#)

2007/08/03 01:48 PM

Hi Mike,

Q#1: TCB application form states the frequency range is from 2412-2462 MHz which does not agree the frequency measured as documented in the test report. Please explain.

Ans#1: The correct frequency range is 2402~2480MHz

Q#2: In label, the model no. is AIRcable Host XR but in test report, it shows ACC1600 as the model no. Please clarify which one is correct.

Ans#2: The new label format (include the new model number: ACC1600) is uploaded.

Q#3: Please correct the description of limit of output power as specified in page 11 to Part 15.247(c)(1)(i): Systems operating in the 2400-2483.5 MHz band that are used exclusively for fixed, point-to-point operations may employ transmitting antennas with directional gain greater than 6 dBi provided the maximum conducted output power of the intentional radiator is reduced by 1 dB for every 3 dB that the directional gain of the antenna exceeds 6 dBi, since the device is a point to point device.

Ans#3: Please refer to page 11 of test report.

Q#4: Though the EUT is not powered by AC source but AC line conducted emission is still required since it is powered from PC via USB cable.

Ans#4: The new test data of conduction emission is including in the test report.

Q#5: Page 47 of test report specified this device was a portable device and exempted from SAR or MPE evaluation. Please explain why this device is defined as a portable device but not a mobile device as well as why MPE evaluation is not applicable.

Moreover, please address how to prevent user from the RF exposure in the user manual.

Ans#5: The user manual has be modified.

Q#6: Please provide the specification of the RF cable that connected to the 18dBi panel antenna. And also, according to 18dBi panel antenna and 9dBi dipole antenna specifications, the antenna connector are integral N-Female and SMA which don't comply with FCC Part 15.203 that using a standard antenna jack is prohibited.

To comply with it, the professional install will be required, please address the professional information into the user manual.

Ans#6: The user manual has be modified.

Q#7: User manual specified the output power is 19.5dBm which is more than 0.5dBm different from test report, please explain.

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Ans#7: The user manual has be modified.

Q#8: User manual specified a 24dBi parabolic antenna may be used but no information or test data submitted. Please explain.

Ans#8: The user manual has be modified.

Q#9: Please demonstrate that this Bluetooth device has complied with FCC 15.247 requirement 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?

Does the associated system receiver have the ability to hop in synchronization with the transmitter, based on the technical description?

15.247(g) Does the design of the frequency hopping system allow it to comply with all pertinent requirements when presented with a lengthy data stream?

15.247(h) Does the frequency hopping system comply with the non-coordination requirement?

Ans#9: The customer has provied the declaration letters.

Angel

"Mike Kuo" <mike.kuo@ccsemc.com>

收件人: <application@tw.ccsemc.com>

2007/07/29 08:00 AM

副本抄送:

主旨: FW: Wireless Cables Inc., FCC ID: SQACC1600, Assessment NO.: AN07T7057, Notice#1

Hi Angel:

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Q#4: Though the EUT is not powered by AC source but AC line conducted emission is still required since it;s powered from PC via USB cable.

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Q#9: Please demonstrate that this Bluetooth device has complied with FCC 15.247 requirement as below:

2007/9/6

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?  
Does the associated system receiver have the ability to hop in synchronization with the transmitter, based on the technical description?  
15.247(g) Does the design of the frequency hopping system allow it to comply with all pertinent requirements when presented with a lengthy data stream?  
15.247(h) Does the frequency hopping system comply with the non-coordination requirement?

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 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.

No virus found in this incoming message.  
Checked by AVG Free Edition.

Version: 7.5.476 / Virus Database: 269.10.20/919 - Release Date: 7/26/2007 9:56 AM

No virus found in this outgoing message.  
Checked by AVG Free Edition.

Version: 7.5.476 / Virus Database: 269.10.20/919 - Release Date: 7/26/2007 9:56 AM