

Lucy Tsai

From: leah.peng [leah.peng@tw.ccsemc.com]
Sent: Wednesday, October 17, 2007 3:51 AM
To: Lucy Tsai
Cc: alex.chiu; debby.dai; eric.yang; jeter.wu; tino.lee; daphne.liang
Subject: Re:GlobalTop Technology Inc. , FCC ID: U95-TOUCHGPS , Assessment NO.: AN07T7283, Notice#1 --補件通知
Attachments: 02. G66 Block diagram 1017.pdf; 01. G66 Manual.pdf; 70927404-RP1_GlobalTop Bluetooth GPS Receiver_G66.pdf

Dear Lucy:

Since Daphne will be travel on official business 2 days, I'll handle this project and try to finish these question for you.

The reply as below.

Ans 1.Revised the **block diagram**. Please check the new block diagram.

Ans 2.We have already revised the **report** on **5th page**. Please check it.

Ans 3.Revised the **manual** about the output power measured for -12.87dBm on **5th page**. Please check it.

Ans 4.Revised the **report** on **22th page**. Please check it.

Ans 5.Revised the **report** on **43th~54th page**. Please check it.

Ans 6.Added the user information into the **manual** on **19th~20th** page. Please check it.

Ans 7.**This device can not to connect a AC power adapter** . Revised the **manual** on **2th page**. Please check it.

If you have any questions, please let me know.

I'll try my best to finish this project. Thank you for your help.

daphne.liang

梁玉如

2007/10/17 10:17 AM

收件人 : leah.peng/ccsemc@ccsemc, eric.yang/ccsemc@ccsemc
副本抄送 : jeter.wu/ccsemc@ccsemc, tino.lee/ccsemc@ccsemc, alex.chiu/ccsemc@ccsemc, debby.dai/ccsemc@ccsemc
主旨 : GlobalTop Technology Inc. , FCC ID: U95-TOUCHGPS , Assessment NO.: AN07T7283, Notice#1--補件通知

Hi Leah:

以下爲宇誠 G66 送件後的問題,急件煩請儘速請相關人員處理,TKS.

Q#1: According to Part 2.1033, a block diagram shall include frequency of all oscillators in the device. Please revise.

Q#2: To prevent misleading, please clarify indicate Patch Antenna is for GPS receiver used and Microstrip Line Antenna is for Bluetooth transmitter used in the test report.

Q#3: The output power measured is about -12.87dBm and the user manual indicates the output power is able up to 4dBm. Please explain why such huge difference is happened.

Q#4: Test report section 7.1 indicates the frequency separation is 1MHz which is less than 20dB bandwidth and failed in complying with 15.247. According to 15.247(a)(1), frequency hopping systems shall have hopping channel carrier frequencies separated by minimum of 25kHz or the 20dB bandwidth of the hopping channel, Please explain.

Q#5: For the limit of spurious emission, it's acceptable to quote for the 20dB down from the fundamental for in-band frequency but please don't mix with 15.209. For example, page 44 of the test, the frequency 9763.46MHz which is in band and the limit for peak and average used are 74dBuV/m and 73.44 which are not consistent. Same problem are happened in page 45-47, too, please revise them all.

Q#6: Since this device is also classified as a digital device that 15.105 user information is required to be added into the user manual. Please revise.

Q#7: Page 3 of user manual indicates that this device is capable of connecting a AC power adapter that AC line conducted emission will also be required. Please provide the test result to show the compliance.

BEST REGARDS

Daphne Liang 梁鈺如

----- 轉信者 daphne.liang/ccsemc 於 2007/10/17 10:15 AM -----

daphne.liang

梁玉如

2007/10/17 10:15 AM

收件人 : daphne.liang/ccsemc@ccsemc

副本抄送 :

主旨 : GlobalTop Technology Inc. , FCC ID: U95-TOUCHGPS , Assessment NO.: AN07T7283, Notice#1

----- 轉信者 daphne.liang/ccsemc 於 2007/10/17 10:15 AM -----

<lucy.tsai@ccsemc.com>

2007/10/17 08:28 AM

收件人 : <Application@tw.ccsemc.com>

副本抄送 : <lucy.tsai@ccsemc.com>

主旨 : GlobalTop Technology Inc. , FCC ID: U95-TOUCHGPS , Assessment NO.: AN07T7283, Notice#1

Hi Daphne,

Please address following issues.

Q#1: According to Part 2.1033, a block diagram shall include frequency of all oscillators in the device. Please revise.

Q#2: To prevent misleading, please clarify indicate Patch Antenna is for GPS receiver used and Microstrip Line Antenna is for Bluetooth transmitter used in the test report.

Q#3: The output power measured is about -12.87dBm and the user manual indicates the output power is able up to 4dBm. Please explain why such huge difference is happened. Please provide Bluetooth module's theory of operation for double check.

Q#4: Test report section 7.1 indicates the frequency separation is 1MHz which is less than 20dB bandwidth and failed in complying with 15.247. According to 15.247(a)(1), frequency hopping systems shall have hopping channel carrier frequencies separated by minimum of 25kHz or the 20dB bandwidth of the hopping channel, Please explain.

Q#5: For the limit of spurious emission, it's acceptable to quote for the 20dB down from the fundamental for in-band frequency but please don't mix with 15.209. For example, page 44 of the test, the frequency 9763.46MHz which is in band and the limit for peak and average used are 74dB_{UV}/m and 73.44 which are not consistent. Same problem are happened in page 45-47, too, please revise them all.

Q#6: Since this device is also classified as a digital device that 15.105 user information is required to be added into the user manual. Please revise.

Q#7: Page 3 of user manual indicates that this device is capable of connecting a AC power adapter that AC line conducted emission will also be required. Please provide the test result to show the compliance.

Best Regards,

Lucy

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.