

Lucy Tsai

From: leah.peng [leah.peng@tw.ccsemc.com]
Sent: Monday, October 22, 2007 7:32 PM
To: Lucy Tsai
Cc: alex.chiu; daphne.liang; debby.dai; jeter.wu; eric.yang
Subject: GlobalTop Technology Inc. , FCC ID: U95-G33, Assessment NO.: AN07T7284, Notice#1 [Reply II]
Attachments: 9. G33 Theory of Operation_(1023).pdf; 70928405-RP1_GlobalTop Bluetooth GPS Receiver_G33.pdf; 1. G33 Manual(1023).pdf

Dear Lucy:

I'm so sorry that I'm late to answer you.

Attached are the revised files.

Thank you so much!

Q#2: Please provide revised theory of operation. Besides, according to the revised test report, two antennas are used for Bluetooth module but only one set of test result are provided. Please clarify current result is for which antenna and provide another one as well.

ANS. There are two antennas. Patch Antenna is for GPS receiver used and Micro strip Line Antenna is for Bluetooth transmitter used. Please check the report on page 5. Attached is the theory of operation, please find it.

Q#4: You have revised 20dB bandwidth to two-third of 20dB bandwidth, if then, you have put the value of two-third of 20dB bandwidth but not the value of 20dB bandwidth. Please revise again.

ANS. We've revised the test report on page21 and please find the attachment. 591.182 kHz is correct data.

Q#7: Though you have removed the power adapter from the user manual but according to the test setup photos, an AC adapter was connected during the radiated emission test. If an AC adapter is not applied, then please re-do the radiated emission test, otherwise, please provide the AC line conducted emission test data with correct user manual.

ANS. You're right. This device was tested with an AC adapter, we have a little confuse this device with another. I'm so sorry to annoy you. And we've revised the test report on page 55,56,60. The revised manual is attached, too.(page 2) Please find it.

"Lucy Tsai"
<lucy.tsai@ccsemc.com>

2007/10/20 06:42 PM

收件人: "leah.peng" <leah.peng@tw.ccsemc.com>
副本抄送: "daphne.liang" <daphne.liang@tw.ccsemc.com>, "alex.chiu" <alex.chiu@tw.ccsemc.com>, "debby.dai" <debby.dai@tw.ccsemc.com>
主旨: RE: GlobalTop Technology Inc. , FCC ID: U95-G33, Assessment NO.: AN07T7284, Notice#1

Hi Leah,

There still has some questions need to be addressed.

Q#2: Please provide revised theory of operation. Besides, according to the revised test report, two antennas are used for Bluetooth module but only one set of test result are provided. Please clarify current result is for which antenna and provide another one as well.

Q#4: You have revised 20dB bandwidth to two-third of 20dB bandwidth, if then, you have put the value of two-third of 20dB bandwidth but not the value of 20dB bandwidth. Please revise again.

Q#7: Though you have removed the power adapter from the user manual but according to the test setup photos, an AC adapter was connected during the radiated emission test. If an AC adapter is not applied, then please re-do the radiated emission test, otherwise, please provide the AC line conducted emission test data with correct user manual.

Best Regards,

Lucy

From: leah.peng [mailto:leah.peng@tw.ccsemc.com]

Sent: Friday, October 19, 2007 12:43 AM

To: Lucy Tsai

Cc: daphne.liang; alex.chiu; debby.dai

Subject: GlobalTop Technology Inc. , FCC ID: U95-G33, Assessment NO.: AN07T7284, Notice#1

Dear Lucy:

The reply as below.

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

Ans 2. Revised **Theory of operation** and **report** on **5th page**. Please check it.

Ans 3. Revised **manual** about **the output power measured** for -0.57dBm on **5th page**. Please check it.

Ans 4. Revised the **report** on **21th page**. Please check it.

Ans 5. Revised the **report** on **23th page**. Please check it.

Ans 6. Revised the **report** on **42~47th page**. Please check it.

Ans 7. We added the user information into the **manual** on **19th~20th** page. Please check it.

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.](#)

"Lucy Tsai"

<lucy.tsai@ccsemc.com>

收件人: "leah.peng" <leah.peng@tw.ccsemc.com>

副本抄送:

2007/10/18 03:21 PM

主旨: FW: GlobalTop Technology Inc. , FCC ID: U95-G33, Assessment NO.: AN07T7284, Notice#1

FYI

-----Original Message-----

From: Lucy Tsai

Sent: Wednesday, October 17, 2007 7:46 AM

To: Lucy Tsai

Subject: GlobalTop Technology Inc. , FCC ID: U95-G33, Assessment NO.: AN07T7284, 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: Theory of operation indicates that ceramic Patch Antenna is used which doesn't agree with antenna specification. Please explain.

Q#3: The output power measured is about -0.57dBm 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: 20dB bandwidth indicates in page 21 of test report doesn't agree with the test plot, please revise.

Q#5: The limit of number of hopping frequency indicates in page 23 of test report is 79. According to 15.247, it should be 75 channels, please revise.

Q#6: For the limit of spurious emission, it's acceptable to quote for the 20dB down from the fundament for in-band frequency but please don't mix with 15.209. Please revise the test report.

Q#7: Page 3 of user manual indicates that this device is capable of connecting a travel charger with an AC adapter and page 6 of test report also indicates the EUT is connected with a AC power adapter via USB cable; however, page 54 of test report indicates AC line conducted emission is not required. Please explain.

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.