

Chris Harvey

From: daphne.liang [daphne.liang@tw.ccsemc.com]
Sent: Friday, December 19, 2008 1:17 AM
To: Chris Harvey
Cc: charvey-tcb@ccsemc.com; Chris Harvey; lucy.tsai; application.2008
Subject: Re:RE: Orange Electronic Co., Ltd, FCC ID: TH9AM315, Assessment NO.: AN08T8570, Notice#1-- Updated(971219)
Attachments: -SC4379_Report(FCC 15C-1)971219.pdf

Dear Chris:

Thank you for your notice, please see my belowing reply and find the updated test report(971219).
Thank you.

BEST REGARDS

Daphne Liang ±çà±|p

"Chris Harvey" <charvey@ieee.org>
±H±ó±HjG Chris Harvey
<charveyemc@gmail.com>

!-±ó±HjG "daphne.liang" <daphne.liang@tw.ccsemc.com>, <charvey-tcb@ccsemc.com>
°Æ±»§Û°ejG <lucy.tsai@ccsemc.com>
¥D!@jG RE: Orange Electronic Co., Ltd, FCC ID: TH9AM315, Assessment NO.: AN08T8570, Notice#1--
How about the status?

2008/12/16 08:57 PM

Daphne, thank you for the reminder. The first e-mail got misplaced out of sight, so you reminder was needed.

I have continued the review of the application and have the following additional items that need to be addressed:

The original test report documented 4 bursts of 1.2 seconds each, over a period of 12.5 seconds. The revised report documents 1 burst in 61 seconds, with a worst case 24msec transmission in any 100msec period. The plots submitted can not be used to confirm that the transmission does not exceed 1 second (the markers for the Ton plot should also indicate total burst time, which appears to be close to 1 second). While this transmission cycle now seems to comply with the requirements of 15.231(e), no explanation was given about why the transmission has changed, and no confirmation has been provided that the single burst is the maximum possible rate of transmission. Please explain and confirm that this is the maximum possible rate of transmission, and that the transmission burst does not exceed 1 second.

Ans:Our explaining as follows:

There are 8 bursts in a pulse, 1 burst=24.048ms.

So 1 pulse=192.384ms(24.048*8) < 1 second

Meet the FCC PART 15.231(e) requirement of "the duration of each transmission shall not be greater than one second".

Please also correct the test report to correctly document the Duty Cycle, which is the ratio of Transmission on time to the total period (or worst case 100msec). The current revision of the test report indicates that the Duty Cycle is 61.122 seconds, when that number appears to be the transmission period (time between transmissions). The compliance requirements of 15.231(e) are not for Duty Cycle, but rather are to determine that the device does not repeat transmissions too SOON.

Ans: For this section we have revised it as " Silent period between transmissions ", please find the updated test report(971219) of page 3 and page 14.

Best regards,

Chris Harvey
charvey@ieee.org
410-750-0860

From: daphne.liang [mailto:daphne.liang@tw.ccsemc.com]
Sent: Monday, December 15, 2008 8:04 PM
To: charvey-tcb@ccsemc.com
Cc: lucy.tsai@ccsemc.com
Subject: Orange Electronic Co., Ltd, FCC ID: TH9AM315, Assessment NO.: AN08T8570, Notice#1--How about the status?

Dear Chris:

For this project of AN08T8570, we have submitted the corresponds to you on 12/10/2008,and still have any problems?
Due to the customer is waiting for the certificate,would you please check and response back,thank you.

BEST REGARDS

Daphne Liang ±çà±|p

----- Àà\$e^İ daphne.liang/ccsemc ©6 2008/12/16 08:56 AM -----

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°Æ¥»\$Û°e;G <application.2008@tw.ccsemc.com>, celia.hsieh/ccsemc@ccsemc
¥D|@;G Orange Electronic Co., Ltd, FCC ID: TH9AM315, Assessment NO.: AN08T8570, Notice#1--Updated(971210)

2008/12/10 04:48 PM

Dear Chris:

Thank you for your notice and sorry for delayed the reply. Please see my belowing reply and find the updated files(971210). Any questions please also inform,thank you so much!

BEST REGARDS

12/29/2008

Daphne Liang ±çà±!p

----- Àà\$e^! daphne.liang/ccsemc ©6 2008/11/06 04:54 PM -----

<charvey-tcb@ccsemc.com>

2008/11/05 10:13 PM

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°Æ¥»\$Û°e;G <chris.harvey@ccsemc.com>, <lucy.tsai@ccsemc.com>

¥D!@;G Orange Electronic Co., Ltd, FCC ID: TH9AM315, Assessment NO.: AN08T8570, Notice#1

Dear Celia Hsieh,

You are listed as the Technical Contact for the above referenced TCB application. The following item(s) need (s) to be resolved before the review can be continued:

1. According to the test report this device is being submitted for approval in accordance with FCC 15.231(e).

FCC 15.231(e) has the following requirement which has not been documented in the test report:

In addition, devices operated under the provisions of this paragraph shall be provided with a means for automatically limiting operation so that the duration of each transmission shall not be greater than one second and the silent period between transmissions shall be at least 30 times the duration of the transmission but in no case less than 10 seconds.

The test report documents 4 bursts of 1.2 seconds each, over a period of 12.5 seconds. The Operational Description and EUT Description in the test report indicate that this device transmits only once every 30 seconds. Please update the test report to include compliance with the timing requirement of FCC 15.231(e).

Ans: Please find the updated test report(971210) of page 4 and P14~P15 and P20~P25.

2. The Schematics show ANT1 and ANT2. Please explain these 2 antennas, and why one appears not to be connected to the rest of the circuitry.

Ans: The customer replied that the ANT1 and ANT2 is the connected point of the antenna.

Please find the component Layout(971210) of demonstrated.

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.

Best regards,

Chris Harvey

Charvey-tcb@ccsemc.com

This e-mail transmission is confidential and intended solely for being

12/29/2008

reviewed by the recipient(s) identified above. If you are not an identified recipient, please ensure that this communication remains confidential and promptly return it to the sender. Please contact immediately by phone (Tel: 886-2-2299-9720) for any problem with this transmission. Thank you for your attention.