



Tim Dwyer <rfspectrum@gmail.com>

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## FW: Trinus Systems Inc., FCC ID: ROYCCR24PNAT, Assessment NO.: AN09T8929, AN09T8928, AN09I2800, AN09I2801 Notice#1

9 messages

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Lucy Tsai <lucy.tsai@ccsemc.com>

Wed, Mar 11, 2009 at 12:06 AM

To: "Jo, Jenny (Gunpo)" <Jenny.Jo@sgs.com>

Cc: Tim Dwyer - TCB <Timothy\_Dwyer@ieee.org>, "Timothy M. Dwyer" <tim.dwyer@ccsemc.com>

Dear Jenny,

There are some comments came out as below and please address them and reply to Tim directly.  
Thank you.

Best Regards,  
Lucy Tsai  
CCS

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

From: Timothy M. Dwyer

Sent: Tuesday, March 10, 2009 9:07 PM

To: [denny.ham@sgs.com](mailto:denny.ham@sgs.com)

Cc: Timothy M. Dwyer; Lucy Tsai

Subject: Trinus Systems Inc., FCC ID: ROYCCR24PNAT, Assessment NO.: AN09T8929, AN09T8928, AN09I2800, AN09I2801 Notice#1

Dear Denny,

Review is complete. This notice for FCC: AN09T8929, AN09T8928, IC: AN09I2800, AN09I2801. Separate notices will not be sent for each application. Your replies to this notice will be applied to all applications listed.

Please reply to the following items.

Q1(a) The intended use and placement with regard to persons is not made clear in the documentation provided.

Is this device Handheld? Held to face like Handi-Talkie? Bodyworn?

There is some indication in the user manual of body-worn operation. If

this device is for body-worn or other operation within 20 cm of the body, then SAR evaluation is required. Please provide some additional information to describe how and where this device may be used. If it is to be used only with greater than 20 cm separation, as suggested by the RF exposure exhibit, then provide a revised user manual removing statements suggesting possibility of body-worn operation on page 2.

Q1(b) The user manual does not specify 20 cm separation from persons. 15.247(i) requires that users be informed of transmitter operating and antenna placement conditions for satisfying RF exposure requirements. If this device is to be used only with 20 cm or larger separation, then users must be advised of this condition. Please provide a revised user manual with 20 cm separation statement(s)

Q2 The application specified FCC Equipment Class DTS. Device appears to be a Frequency Hopping Spread Spectrum Device (FHSS). If FHSS, then the Equipment Class will be changed from DTS to DSS. Please confirm that this is a FHSS system and that it is not a "Hybrid" system as described in 15.247(f)

Q3 Please provide information to support compliance with the requirements in 15.247(g) and 15.247(h)

Q4 Parts List/Tune-up exhibits are not required for FCC Part 15 unlicensed transmitters. These documents will not be included with the final FCC upload.

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,

Tim Dwyer  
Technical Reviewer  
CCS

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**Jo, Jenny (Gunpo) <Jenny.Jo@sgs.com>**

**Thu, Mar 12, 2009 at 10:27 PM**

To: "Timothy M. Dwyer" <tim.dwyer@ccsemc.com>, Tim Dwyer - TCB <Timothy\_Dwyer@ieee.org>

Cc: Lucy Tsai <lucy.tsai@ccsemc.com>

Dear Timothy

As for your inquiry Q1 (A) (B), the device is handheld which can be used within 20 cm separation from persons. But we were informed of that this device is not necessary to perform SAR evaluation due to the low output. (Refer to the email which includes our question and answer from CCS)

Anyway, the client wants to replace the user manual with attachment as the previous user manual could be raised misunderstanding for the equipment.

For Q2, FCC equipment class should be changed to FHSS as you mentioned.

For Q3, I attached revised operational description which includes the information of Frequency hopping system.

For Q4, Well noted, I will make sure that for further projects.

For your better understanding, this equipment is made for report by two-way radio in place of business.

It is similar with a wireless telegraph, but CCR24PNAT (Handy) sends data to CCR24PNAR (Cradle) then the cradle can forward that data to another place.

I hope everything's clear for you with this.

Many thanks.

Jenny Jo / 조찬화

SGS Testing Korea Co., Ltd.

Meet SGS at the

International CTIA Wireless 2009 Show

Booth #467, April 1-3, 2009 Las Vegas Convention Center

Las Vegas, Nevada, USA