

## Chris Harvey

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**From:** Claire Hoque [claire.hoque@ccsemc.com]  
**Sent:** Wednesday, January 11, 2006 1:35 PM  
**To:** Chris Harvey; Chris Harvey -TCB  
**Cc:** Julia Luke; Thu Chan  
**Subject:** answer: Trango Systems, Inc., FCC ID: NCYM915S, Assessment NO.: AN05T5397, Notice#1



M915SOEM



M915S Internal



Internal



M915S Internal

Installation manual. Antenna Spec.pdf ... photos(cover).pdf (74. Photosrev2.pdf ...

Hi Chris,

Here are the answers.

1. The Modular Approval cover letter states:

"Device was tested outside of any enclosure. Refer to setup photos." The test photos show this 'module' installed in an enclosure, with no details about the enclosure. Please explain this discrepancy and provide documentation with compliance with this provision of the Modular Approval requirements. <answer>the enclosure is made by plastic, there's nothing affect on the radiated emissions.

Please refer to the additional inside enclosure photos.

2. The OEM Installation document does not include any RF Exposure information. There is RF Exposure guidance in the Professional Installation Guide and the Users Manual, which are both only for the configuration of completed Access Point and Subscriber Unit products M915S-AP or M915S-SU. Please explain how the OEM installers are provided with the appropriate guidance on maintaining the appropriate separation distance for the other configurations created using this module and how this information gets into the final Product installation and user's guidance documents. <answer>manual has been revised.

3. There are no photos or specifications sheet of the internal patch antenna (9dBi). There seems to be H&V inputs to the antenna, but not indication how these are attached to the RF Module board. Please provide the required detailed technical information and photographs of the internal Patch Antenna. Additionally, please show how this Patch antenna connects to the EUT Module, especially regarding the H&V connections shown in the Schematics and Block Diagrams. <answer>The photos have been added to the internal photos section. The H and V connection are soldered to to mainboard directly(there is no connector). 9dBi patch antennas spec. is also attached.

Pls let me know if you have more questions, thanks,

Claire

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

**From:** Compliance Certification Services [mailto:charvey-tcb@ccsemc.com]  
**Sent:** Wednesday, January 04, 2006 5:57 AM  
**To:** Thu Chan  
**Cc:** Chris Harvey  
**Subject:** Trango Systems, Inc., FCC ID: NCYM915S, Assessment NO.: AN05T5397, Notice#1

Thu,

You are listed as the Technical Contact for the above referenced TCB application. I have completed the review and have the following items that need to be addressed before the review can be completed.

1. The Modular Approval cover letter states:

"Device was tested outside of any enclosure. Refer to setup photos." The test photos show this 'module' installed in an enclosure, with no details about the enclosure. Please explain this discrepancy and provide documentation with compliance with this provision of the Modular Approval requirements.

2. The OEM Installation document does not include any RF Exposure information. There is RF Exposure guidance in the Professional Installation Guide and the Users Manual, which are both only for the configuration of completed Access Point and Subscriber Unit products M915S-AP or M915S-SU. Please explain how the OEM installers are provided with the appropriate guidance on maintaining the appropriate separation distance for the other configurations created using this module and how this information gets into the final Product installation and user's guidance documents.

3. There are no photos or specifications sheet of the internal patch antenna (9dBi). There seems to be H&V inputs to the antenna, but not indication how these are attached to the RF Module board. Please provide the required detailed technical information and photographs of the internal Patch Antenna. Additionally, please show how this Patch antenna connects to the EUT Module, especially regarding the H&V connections shown in the Schematics and Block Diagrams.

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