

## Chris Harvey

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**From:** Claire Hoque [claire.hoque@ccsemc.com]  
**Sent:** Monday, June 05, 2006 1:20 PM  
**To:** Chris Harvey; Chris Harvey -TCB  
**Cc:** Michael Heckrotte; Chi Tsou; Christine Vu  
**Subject:** answer: 06U10240 TCB questions for Cisco Systems, Inc., FCC ID: LDK102060, Assessment NO.: AN06T5744, Notice#1

**Attachments:** Antenna Data Sheets.pdf; AIR-RM1251G Photos(revised).pdf; LDK102060 Modular Transmitter Approval Request(revised).pdf; AIR-RM1251G-A-K9 \_FCC\_Test\_Report(revised).pdf; AIR-RM1251G Radio Theory of Operation(revised).pdf; ant2410y.pdf; ant2460.pdf



Antenna Data Sheets.pdf (838 K...



AIR-RM1251G Photos(revised).pdf



LDK102060 Modular Transmitter ...



AIR-RM1251G-A-K9 \_FCC\_Test\_Repo...



AIR-RM1251G Radio Theory of Op..



ant2410y.pdf (401 KB)



ant2460.pdf (290 KB)

Hi

Chris,

Pls see answer below(embedded in your questions), thanks.

Claire

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

**From:** Chris Harvey  
**Sent:** Thursday, June 01, 2006 1:03 PM  
**To:** mike.heckrotte@ccsemc.com  
**Cc:** Chris Harvey  
**Subject:** Cisco Systems, Inc., FCC ID: LDK102060, Assessment NO.: AN06T5744, Notice#1

Michael,

You are listed as the authorized technical contact for the above referenced TCB application which has been reviewed. The following items need to be addressed before the review can be completed:

1. The Theory of Operation exhibit has descriptions of an AIR-RM1251AG 5GHz operation which does not apply to this EUT. The Photo exhibit has photographs of the AIR-RM1251G board. Please remove this 5GHz information from this Theory of Operation and Photo exhibits.  
<answer> pls see revised theory of op. and photos attached.

2. The Modular Approval request letter indicates that this device complies with the requirements of 15.407, but this device should comply with the requirements of 15.247. Please correct the letter.  
<answer> pls see revised modular approval request letter attached.

3. The Antenna Data Sheets exhibit includes specifications for the AIR-ANT1949 13.5dBi Yagi, the AIR-ANT3195 3dBi Patch, the AIR-ANT3338 21dBi Parabolic Dish, the AIR-ANT3351 3.5dBi Omni, the AIR-ANT4121 12dBi Omni, which are not included in the test report antenna descriptions for this device. Additionally, the test report mentions the AIR-ANT2460P-R 6dBi Patch and the AIR-ANT2410Y-R antennas for which specifications have not been provided in the Antenna Data Sheets exhibit. Please revise the Antenna Data Sheets exhibit accordingly.  
<answer> pls see revised antenna data sheets attached.

4. The test setup photos show what appears to be up to 4 antennas, however the module only contains 2 antenna connectors (for diversity). Please

explain.

<answer> Two of the antennas are for the module in this approval, two are for the collocated 5GHz module.

5. The test report MPE section mentions compliance with 15.407, which should reflect 15.247. Additionally, there is mention of collocation with a 5260MHz radio, but the calculations for the MPE Power Density have not been provided. Please correct and expand this MPE information as well as include the FCC ID of that collocated transmitter in this portion of the report.

<answer> pls see revised report attached.

6. Page 9 of 99 of the test report which mentions 5725-5850MHz band should be corrected to reflect the 2400 - 2438.5 MHz band for this device.

<answer> pls see revised report attached.

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