




Inbox
X
Priority
X

 from **tim.dwyer@ccsemc.com** [hide details](#) 10:24 PM (16 hours ago)   Reply

to **ttienwai@cisco.com**,
cc **tim.dwyer@ccsemc.com**,
date **Jan 30, 2008 10:24 PM**
subject **Cisco Systems, Inc., FCC ID:
LDK102067, Assessment NO.:
AN08T7531, Notice#1**

Dear Trinh,

Review of this application is complete. Please reply to the following items. If you have questions, please ask.

Q1: The modular request letter is for a Part 15 Unlicensed Module and is not relevant to this licensed application. Licensed modular requirements are different and actually somewhat simpler. A copy of the licensed modular policy will be sent by separate email. Please revise the modular letter according to the licensed modular policy.

Q2: Since this is a licensed device, the use test methods of ANSI/TIA/EIA-603-B-2002 is required. No mention of the test methods is made in the test report. Please confirm that measurements were carried out in a manner consistent with methods described in ANSI/TIA/EIA-603-B-2002. More information is at <http://www.fcc.gov/oet/ea/eameasurements.html>




Q3: If operation of this device with nominal bandwidths of 5, 10, and 20 MHz is intended, the frequency ranges of operation must be listed with consideration to out of band operation. As currently entered in the application operation from 4942.5-4980 MHz would not be allowed with the 16M4G1D modulation because this would result in out of band operation with a center frequency of 4942.5 MHz. Please confirm that the application should be changed to show the following information as extracted from the test report. We will change the information in the application based on your acceptance.




4942.5 - 4987.5 MHz 0.316 W 6.24 PPM 4M25G1D
4945.0 - 4985.0 MHz 0.316 W 6.24 PPM 8M35G1D
4950.0 - 4980.0 MHz 0.316 W 6.24 PPM 16M5G1D

Q4: No additional issues were identified for Industry Canada requirements. Your replies will be used in related Industry Canada application AN08I2308, to the extent that they apply. A separate Industry Canada notice will not be sent.

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

 Reply  Reply to all  Forward


 **Tim Dwyer** to **ttienwai** [show details](#) 10:22 PM (16 hours ago)   Reply



Hello Trinh,




The FCC Licensed Modular Approval Policy is attached. The CCS notice system does not permit attachments, so I am sending it in this reply. Also note that although IC does not have an official policy for acceptance of Licensed Modular Approvals, they have agreed in the interim to use the FCC Policy.

Best regards,
Tim Dwyer

- Show quoted text -

 **Licensed_Module_Policy_11-6-02.pdf**
15K [View as HTML](#) [Download](#)

 Reply  Forward

 from **Trinh Tien-Waitt (ttienwai)** [hide details](#) 8:53 AM (6 hours ago)   Reply

<ttienwai@cisco.com>
to **Tim Dwyer**
<Timothy_Dwyer@ieee.org>,
cc **"Jim Nicholson (jimnicho)"**
<jimnicho@cisco.com>,
date **Jan 31, 2008 8:53 AM**
subject **RE: Cisco Systems, Inc.,
FCC ID: LDK102067,
Assessment NO.: AN08T7531,
Notice#1**

signed-by **cisco.com**

Hi Tim,

Thank you for your review. Please see my response to your questions below.

Regards,
Trinh

*Cisco Systems Inc.,
4125 Highlander Parkway
Richfield, Ohio 44286
Direct: (330)523-2545*

From: rfspectrum@gmail.com [mailto:rfspectrum@gmail.com] **On Behalf Of** Tim Dwyer
Sent: Wednesday, January 30, 2008 10:22 PM
To: Trinh Tien-Waitt (ttienwai)
Subject: Re: Cisco Systems, Inc., FCC ID: LDK102067, Assessment NO.: AN08T7531, Notice#1

Hello Trinh,

The FCC Licensed Modular Approval Policy is attached. The CCS notice system does not permit attachments, so I am sending it in this reply. Also note that although IC does not have an official policy for acceptance of Licensed Modular Approvals, they have agreed in the interim to use the FCC Policy.

Best regards,
Tim Dwyer

On Jan 30, 2008 10:24 PM, <tim.dwyer@ccsemc.com> wrote:

Dear Trinh,

Review of this application is complete. Please reply to the following items. If you have questions, please ask.

Q1: The modular request letter is for a Part 15 Unlicensed Module and is not relevant to this licensed application. Licensed modular requirements are different and actually somewhat simpler. A copy of the licensed modular policy will be sent by separate email. Please revise the modular letter according to the licensed modular policy.

[TW] Please see attached the revised modular request letter.

Q2: Since this is a licensed device, the use test methods of ANSI/TIA/EIA-603-B-2002 is required. No mention of the test methods is made in the test report. Please confirm that measurements were carried out in a manner consistent with methods described in ANSI/TIA/EIA-603-B-2002. More information is at <http://www.fcc.gov/oet/ea/eameasurements.html>

[TW] To the best of our knowledge, the measurements were carried out in a manner consistent with methods described in ANSI/TIA/EIA-603-B-2002

Q3: If operation of this device with nominal bandwidths of 5, 10, and 20 MHz is intended, the frequency ranges of operation must be listed with consideration to out of band operation. As currently entered in the application operation from 4942.5-4980 MHz would not be allowed with the 16M4G1D modulation because this would result in out of band operation with a center frequency of 4942.5 MHz. Please confirm that the application should be changed to show the following information as extracted from the test report. We will change the information in the application based on your acceptance.

4942.5 - 4987.5 MHz 0.316 W 6.24 PPM 4M25G1D
4945.0 - 4985.0 MHz 0.316 W 6.24 PPM 8M35G1D
4950.0 - 4980.0 MHz 0.316 W 6.24 PPM 16M5G1D


[TW] I accept the changes.

Q4: No additional issues were identified for Industry Canada requirements. Your replies will be used in related Industry Canada application AN08I2308, to the extent that they apply. A separate Industry Canada notice will not be sent.

[TW] Thanks.

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

 **LDK102067 Modular Transmitter Approval Request_1.pdf**
17K [View as HTML](#) [Download](#)