

**Chris Harvey**

---

**From:** amanda.wu [amanda.wu@tw.ccsemc.com] on behalf of application [application@tw.ccsemc.com]  
**Sent:** Friday, July 07, 2006 6:05 AM  
**To:** charvey-tcb@ccsemc.com  
**Cc:** charvey-tcb@ccsemc.com; claire.hoque@ccsemc.com  
**Subject:** Re:SparkLAN Communications, Inc., FCC ID: RYK-OA200, Assessment NO.: AN06T5886 (DTS), Notice#1  
**Attachments:** OA-200 DoC letter for Laboratory.pdf; OA-200 Declaration Letter from Manufacturer.pdf; OA-200 BlkDia Revised 0630.pdf; OA-200 Ant. spec Revsied 0707.pdf; OA-200 User manual Revised 0706.pdf; OA-200 Schem Revised 0706.pdf; OA-200 Quick Installation Guide.pdf

Dear Chris:

Please see my reply as below. Thank you for help.

Best Regards

Amanda

<charvey-tcb@ccsemc.com>  
 收件人 : <application@tw.ccsemc.com>  
 副本抄送 : <charvey-tcb@ccsemc.com>, <claire.hoque@ccsemc.com>  
 主旨 : SparkLAN Communications, Inc., FCC ID: RYK-OA200, Assessment NO.: AN06T5886 (DTS), Notice#1  
 2006/06/24 06:03 PM

Dear Gina Lo,

You are listed as the technical contact for the above referenced application. The following items must be addressed before the review can be completed:

1. Please provide the Installation Guide which is mentioned in the Users Manual.

[Ans: Please see the attachemt as installation guide.](#)

2. The antenna specification provided indicates an antenna gain of 5dBi (3.16dB numeric gain) from 2.4GHz to 5.825GHz, which seems unrealistic. Please provide more antenna gain details.

7/10/2006

Ans: Please see the antenna spec.

3. Please describe how this device complies with the unique antenna connector requirements of FCC 15.203 for all the RF connectors on the enclosure, antennas, adaptors and cables for this device.

Ans: Please see the installation guide.

4. The internal Photo exhibit shows several EMI modifications performed to the sample tested. Please provide a declaration from the manufacturer that the equivalent modifications, including the ferrites inside and on the cables, will be performed on all production units of this device.

Ans: Client provided the declaration form.

5. The Users Manual exhibit does not have any RF Exposure guidance/notice to the installer/user regarding the need to maintain at least 20cm separation to this device. Please update the installer/user information to include RF exposure information

Ans: Warning Statements had been added into the user manual.

6. Please explain how the units provided for the US market have only FCC approved channels available to the user.

Ans: Please see page 22 on user manual.

7. The Block Diagram shows a 4-Port LAN, but the device only has one Ethernet Port. Please explain and correct the exhibits as needed.

Ans: The 4-port LAN is for reserve. please have the revised block diagrams and schematics.

8. The tests were performed in October and November of 2005. Please have the laboratory provide a declaration that the measurements are still valid.

Ans: Please have the attachment.

Please note that a separate request for the UNII application for this device will be sent separately.

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