

## Lucy Tsai

---

**From:** debby.dai [debby.dai@tw.ccsemc.com]  
**Sent:** Tuesday, May 06, 2008 7:18 PM  
**To:** Lucy Tsai  
**Subject:** Avertronics INC. , FCC ID: V5ULCRD11200803, Assessment NO.: AN08T7794, Notice#1-revised  
**Attachments:** LCRD-11 Operation Description(080430).pdf; LCRD-11 Antenna(080430).pdf; LCRD-11Circuit(080430).pdf; LCRD-11 RF module circuit(080430).pdf; LCRD-11 Block (080430).pdf; 70831401-RP1\_Avertronics AVIN Remote Dimmer\_LCRD-11\_.pdf; LCRD-11 User Manual.pdf

Dear Lucy,

Please see the reply below in blue.

Best regards,

Debby

"Lucy Tsai"  
<[lucy.tsai@ccsemc.com](mailto:lucy.tsai@ccsemc.com)>

2008/04/02 03:00 PM

收件人: "application" <[application@tw.ccsemc.com](mailto:application@tw.ccsemc.com)>, "debby.dai" <[debby.dai@tw.ccsemc.com](mailto:debby.dai@tw.ccsemc.com)>  
副本抄送:  
主旨: FW: Avertronics INC. , FCC ID: V5ULCRD11200803, Assessment NO.: AN08T7794, Notice#1-revised

Hi Debby,

Please address following issues.

Q#1: As indicated in the operational description, "The radio comprises a low-IF receive path and a direct up-conversion transmit path, which converge at the TX/RX switch. This switch includes the necessary matching components such that a 200W differential antenna may be directly connected without external components." Which doesn't agree 15.203. Please address as well.

Please see attached file revised Operational Description.

Q#2: As indicted in the test report, the antenna connector is standard SMA antenna connector which is not acceptable per 15.203. Please provide antenna specification and address this incompliance issue.

Moreover, test report also indicated another printed antenna is used. Please specify this antenna's gain into test report and also provide all radiated emission test data, including band edge test for review.

Our customer provided the wrong antenna spec. before, please see attached file antenna spec.

There is no printed antenna, and we already revised report on P.50.

We added antenna's gain into test report on P.5.

Q#3: As indicated in the test report, the peak<sup>1</sup> output power in middle

channel is lower than average. Please address.

After re-check AVG power of middle channel, we already updated new test data in the report on P.22.

Q#4: Except the connecting instruction, there are no information mentioned about the product function nor how the RF works. Please provide more information about the product function and also add the RF exposure statement into to it.

This is a dimmer control. We already added Normal Link Setup and exposure statement to User Manual in P.6 and P.7, please see attached file revised User Manual.

Q#5: Please clarify whether three planes have been investigated and which one is the worst case.

LCRD-11 is not portable type, so we only test the worst case(Y plane).

Q#6: Please provide a block diagram which has included all applicable oscillators in the device per Part 2.1033.

Please attached file revised Block Diagram.

FYI: from next filing, please use the attached authorization letter format.

Best Regards,

Lucy

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.

---

This e-mail transmission is confidential and intended solely for being reviewed by the recipient(s) identified above. If you are not an identified recipient, please ensure that this communication remains confidential and promptly return it to the sender. Please contact immediately by phone (Tel: 886-2-2299-9720) for any problem with this transmission. Thank you for your attention.