

Lucy Tsai

From: Gina.Lo@ccsrf.com on behalf of application.2010@ccsrf.com
Sent: Wednesday, June 23, 2010 11:13 PM
To: Lucy Tsai
Cc: application@ccsrf.com; Lucy Tsai
Subject: 回信: SerComm Corporation, FCC ID: P27-RC8120 , Assessment NO.: AN10T0525, Notice#1

Dear Lucy:

Please find the updated files (Revised 0624) and see the below reply, thank you so much. The size of the documents is over 5M, I send documents two times. Thank you.

Best Regards,

Gina

寄件人: <lucy.tsai@ccsemc.com>
收件人: <application@ccsrf.com>
副本抄送: <lucy.tsai@ccsemc.com>
日期: 2010/06/22 下午 09:06
主旨: SerComm Corporation, FCC ID: P27-RC8120 , Assessment NO.: AN10T0525, Notice#1

Hi, Eunice,

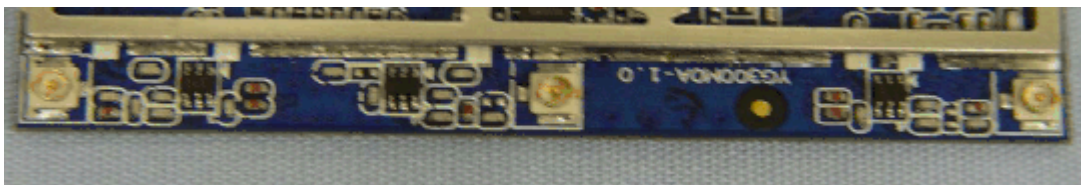
Please address following issues.

Q#1: According to the internal photos, there are 3 antenna connectors on the module but only two antennas are connected.

Look into test report, it indicated "the EUT comes with two type antennas (PIFA antenna & Dipole antenna) for sales that cannot be simultaneous transmitter. " And it also indicated "the EUT is a 2x2 configuration spatial MIMO (2Tx & 2Rx) without beam forming function but with cyclic delay diversity function that operate in double TX chains and double RX chains. The 2x2 configuration is implemented with two outside TX & RX chains (Chain 0 and 1)."

These descriptions are conflict and please clarify how many transmitter/receiver chain it support and do the necessary correction accordingly.

Ans: The middle antenna port is in reserve on the module, not connected any antenna. The client confirmed 2Tx & 2Rx.



Q#2: Please provide RF module's schematics and block functional diagram.

Ans: Please find the schematics and block diagram.

Q#3: Please provide an attestation letter to state that Ad-Hoc mode will not be operated outside the allowed frequency band used in USA.

Ans: Please find the Ad-Hoc letter.

Q#4: User manual does not include RF exposure statements per 15.247 and 2.1091. Please provide an updated user manual accordingly.

Ans: Please find the updated user manual of revised the page 82.

Q#5: Please explain why FCC DOC logo is applied to this device.

Ans: Please find the updated Label which deleted FCC DoC logo.

Q#6: Test report has included three models: RC8120, RC4120, D1000WVAHD and the difference of them is model difference only as indicated on the page 4 of test report.

However, according to the operational description, the RF module used for RC8120 and RC4120 are different. Please explain why they can be certified with the same FCC ID.

Ans: Please find the updated operational description.

Q#7: According to FCC MIMO measurement procedure, RF conducted spurious emission test is also required to be measured with combiner. Please provide additional test data measured with combiner.

Ans: Please find the updated TEST report & test setup photo & Appendix I for MPE of revised the 70-72 which added the combiner measurement.

Q#8: Because this device supports CDD mode, the amount of antenna gain shall be calculated linearly. The RF exposure MPE calculation result, output power limit and PPSD limit may be changed in HT20 and HT40 modes. Please check again and do the necessary correction.

Ans: The client confirmed have no CDD mode, Please find the updated TEST report of revised the page 7 which deleted the CDD mode.

Best Regards,
Lucy Tsai/UL CCS

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.