

RE RapidWave Inc FCC ID QYCRWIRL54BR1 Assessment NO. AN04T3994.txt  
From: Claire Hoque  
Sent: June 23 日 2004年 Wednesday 2: 20 PM  
To: Mike Kuo  
Cc: Kathy Yao  
Subject: RE: RapidWave Inc, FCC ID: SAMRWIRL54BR1, Assessment NO.: AN04T3994

Hi Mike,

Attached pls find revised block diagram and revised user's manual (page 1, 4, 5, 10) which fully addressed Q#3, 6.  
Pls kindly issue the grant ASAP.  
Thanks,

Claire

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

From: Mike Kuo  
Sent: Monday, June 21, 2004 12: 21 PM  
To: Claire Hoque  
Cc: Michael Heckrotte; Kathy Yao  
Subject: RE: RapidWave Inc, FCC ID: SAMRWIRL54BR1, Assessment NO.: AN04T3994

Hi Claire :

Question #3 and #6 are not fully addressed. Please take a look questions and address the question.

M Kuo

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

From: Claire Hoque  
Sent: Friday, June 18, 2004 2: 22 PM  
To: Mike Kuo  
Cc: Michael Heckrotte; Kathy Yao  
Subject: RE: RapidWave Inc, FCC ID: SAMRWIRL54BR1, Assessment NO.: AN04T3994

Hi Mike,

Here are the answers.

(1) answer for Q1 to Q3:

<RapidWave>For the testing purposes we used Atheros ART software, Atheros theory of operation and block diagram. These are all based on the complete functionality for the radio and chip set. We did not modify any of this hardware or configuration, but these radios running with RapidWave software will only operate at the parameters we stated on the PIS. Even though the radios have the ability to work at all of these different frequencies and power setting, with RapidWave software running, we only utilize and make accessible the parameters set forth in the PIS.

Question #1: Based upon the theory of operation for the radio. The radio contains in this device is capable of operating in 5GHz /802.11 a and 2.4GHz/802.11 b/g band. The frequency range listed on the TCB application form only from 5745 - 5825MHz. Please explain how the lower UNII band and 2.4GHz band will be handled.

Question #2: Based upon information contains in the block diagram, RL54 Bridge is designed to operate 5.15-5.85GHz band which does not agree with the frequency range listed in the TCB application form.

Question #3: Three point to point antennas are mentioned in the block diagram. In

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this application, only 23dBi and 26 dBi integral antennas are included. User manual provides detail information on how to install external 28dBi antenna which is not included in this filing. If only 23 and 26 dBi P-t-P antennas are applied in this filing, please issue a marketing statement to indicate the additional 28dBi external antenna will not be sold unless required equipment authorization has been obtained.

(2) answer for Q4 to Q6:

<RapidWave>pls see revised user's manual.

Question #4: User manual does not contain information required per section 15.21 of FCC rules.

Question #5: User manual does not include RF exposure statement. Please provide revised user manual.

Question #6: Since this device requires professional installation, please include approved antennas information in the user manual and indicating the point-to-point or point-to-multipoint operation. Since test report is not submitted, user manual may need to include necessary cable length as well.

(3) answer for Q7:

<Claire>the correct report is attached. Sorry for the confusion.

Question #7 : Please provide test report. Submitted test report is for another application.

Thanks,

Claire