
Subject: FW: Re : FW: ENTERASYS NETWORKS, FCC ID: QXO-RBT1002, Assessment NO.: AN05T5130, Notice#1

Question #1: Please submit External Photos exhibit and Internal Photos exhibit.

Ans: Attached please find the internal and external photos for RBT-1002.

Question #2: This device uses Atheros chipset AR2112/AR5112/AR5312, which supports 802.11g and 802.11a turbo mode. Please confirm whether this device has the capability to operate at turbo mode. If so, you may need to provide additional test data for turbo mode. Otherwise, please indicate clearly in the filing that turbo mode is disabled.

Ans: The Atheros chipset is capable of operating with Turbo mode but Turbo mode is disabled in the F/W by client for RBT-1002. Please refer to the attached letter.

Question #3: The test report, section 7.8 conducted spurious emission, the limit should be -27dBm - Antenna gain(5dBi) = -32, however -33 was shown on the plots. Though it has no impact on pass/fail, please always use the correct limit.

Ans: Please refer to section 7.7 on P36 of the revised test report.

Question #4: Please extract MPE calculation from the test report to submit as a separate document. Please note all UNII devices need a separate document to address RF exposure requirement.

Ans: Please refer to the attached appendix II for MPE calculation.

Question # 5 : The power output measurement is quite different from the Transmit Power table listed in the user manual (page 42). For example, the measurement shows in a mode, the power level is around 14dBm, but the transmit power tables shows a mode: 17dBm. Please explain why there is such big difference.

Ans: The declared output power by manufacturer in the user manual is maximum average EIRP, means b/g mode had to add antenna gain of 2dBi, a mode had to add 5dBi to the measured maximum average output power (conducted). We have added the measured average output power plots in the revised report for reference.

eg. DTS 5745MHz ==> measured average output power = 16.85dBm, antenna gain = 5dBi, therefore EIRP = 21.85dBm.

Declared maximum average output power = 19dBm. Measured EIRP is in the range of +/- 3dBm.

b mode 2462MHz ==> measured average output power = 16.68dBm, antenna gain = 2dBi, therefore EIRP = 18.68dBm.

Declared maximum average output power = 16dBm. Measured EIRP is in the range of +/- 3dBm.

Question # 6 : Based on user manual, this device can support multiple domain operation. Please provide mechanism for the manufacturer to prevent end user from using non-authorized frequency bands, e.g. 5470-5725MHz, 2472MHz in US. It clearly is not acceptable to allow a user to select a regulatory domain. Please address this issue.

Ans: Please see attached Attestation statement from the applicant.

Question # 7 : By the way, please check user manual page viii, is it a typo: 5650-5850MHz? Shall it be changed to "5725-5850MHz"?

Ans: Yes, client confirmed it is typo, they changed to "5725-5850", please see usermanual viii.

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.