

## Helen Zhao

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**Subject:** FW: Broadcom Corporation, FCC ID: QDS-BRCM1027, Assessment NO.: AN07T6951, Notice#1

**From:** September Radecki

**Sent:** Monday, July 02, 2007 1:48 PM

**To:** Helen Zhao

**Cc:** Barbara Judge; Michael Heckrotte

**Subject:** FW: Broadcom Corporation, FCC ID: QDS-BRCM1027, Assessment NO.: AN07T6951, Notice#1

Hi Helen,

Below are the replies to your questions on the above application.

Question #1: The operational description indicates: "Channels 1-13 (20MHz), 3-11 (40MHz) 2400-2472MHz". However the test report does not show channel 12-13 (20MHz) and 10-11 (40MHz) has ever been evaluated. Please explain.

<CCS ANSWER:> The Operational Description document has been updated and is attached.

Question #2: The user manual does not contain OEM installation instruction. Please update the user manual.

<CCS ANSWER:> The User Manual has been updated. The missing information can be found in the regulatory statements section toward the back.

Question #3: The user manual in the filing is more like a manual for Apple end product. It mentions "changes or modifications to this product not authorized by Apple computer, Inc. could void the EMC compliance..." and "This product was tested for FCC compliance under conditions that included the use of Apple peripheral devices, and Apple shielded cables and connectors..." Please confirm whether this module will be installed in Apple final products only, if so please provide the type of the final products, the series number. Otherwise, please submit a module manual.

<CCS ANSWER:> The User Manual has been updated and is attached.

Question #4: DTS report: Section 5.2 does not indicate that the measurements of conducted spurious emission at MIMO modes were ever made by using an RF combiner to compare with mathematical addition of Chain 0 and Chain 1. The test data with combiner were not included the report either. Please confirm if pretest was ever made in order to determine the worst case .

<CCS ANSWER:> Section 5.2 of the test report has been updated and is attached.

Question #5: DTS report: Please indicate antenna type in section 5.4.

<CCS ANSWER:> The test report has been updated and is attached.

Question #6: DTS report - Page 198: Please explain why combined antenna gain 6.14dBi was used for MPE calculation at 40 MHz SDM mode.

<CCS ANSWER:> The test report has been updated and is attached.

Question #7: DTS report - Page 166: the power output listed under 802.11n mode 20MHz CDD mode is for 40 MHz CDD, please update the report.

<CCS ANSWER:> The test report has been updated and is attached.

Thank you and best regards,  
September

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.