

Mike Kuo

From: Mike Kuo
Sent: Friday, July 14, 2006 1:36 PM
To: Claire Hoque; Alvin Ilarina
Cc: Christine Vu; Michael Heckrotte
Subject: FW: Marvell Semiconductor, Inc., FCC ID: UAY-MMC85M, Assessment NO.: AN06T5957, Notice#1

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

From: Mike Kuo
Sent: Friday, July 14, 2006 1:35 PM
To: Mike Kuo
Subject: Marvell Semiconductor, Inc., FCC ID: UAY-MMC85M, Assessment NO.: AN06T5957, Notice#1

Question #1: Based upon EWC-PHY-V127 specification, there are many rate-dependent parameter in the specification. As documented in the test report, there is no information to address the mode of investigation has been performed to determine the worse case as indicated in section 5.5. please provide a clear description on various mode of operations have been investigated during the preliminary tests.

Question #2: Please provide antenna specification.

Question #3: Provide foxconn antenna gain information for 5.8GHz band in section 5.3 of test report.

Question #4: Page 77 of test report : please provide the formula used to calculate legacy antenna gain.

Question #5: Page 77 of test report : please explain why the fixed power limit is 17 dBm.

Question #6 : Please provide the manufacturer name and model no of combiner.

Question #7: Section 7.2.2 99% Bandwidth : the emission spectrum plots do not agree with the channel bandwidth per the specification. Please redo the 99% bandwidth measurement.

Question #8: Due to 99% bandwidth measurement in question, please redo the output power measurement.

Question #9 : Section 7.3.1 radiated spurious emission: Page 419: it mentioned co-located radiated spurious emission procedures. Please explain why co-located tests are applicable to this application.

Question #10 : Restricted band investigation/ page 434, 802.11g / 20MHz / legacy mode: the margin to achieve compliance is -0.06 dB which is questionable. CCS-TCB will request production sample to verify the product compliance.

Best Regards

Mike Kuo

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.

Tracking:

Recipient	Delivery	Read
Claire Hoque	Delivered: 7/14/2006 1:36 PM	Read: 7/14/2006 2:13 PM
Alvin Ilarina	Delivered: 7/14/2006 1:36 PM	Read: 7/14/2006 2:21 PM
Christine Vu	Delivered: 7/14/2006 1:36 PM	Read: 7/14/2006 2:13 PM
Michael Heckrotte	Delivered: 7/14/2006 1:36 PM	Read: 7/14/2006 2:20 PM