

Mike Kuo

From: Claire Hoque
Sent: Tuesday, July 18, 2006 9:19 AM
To: Mike Kuo
Cc: Christine Vu; Chi Tsou; Michael Heckrotte; Alvin Ilarina
Subject: answer: Marvell Semiconductor, Inc., FCC ID: UAY-MMC85M, Assessment NO.: AN06T5958, Notice#2

Attachments: UNII Setup Photos(revised).pdf; 06U10359-2C FCC UNII Report.pdf



UNII Setup 06U10359-2C FCC
Photos(revised).pdf.. UNII Report.p...

Hi Mike,

Here are revised UNII report(without photos) and UNII setup photos to address Q7 to Q9. The answer for Q10 is:
The reference EIRP used is (-27dBm - Antenna Gain). Emissions found during this scan are then investigated with a radiated setup using signal substitution.

Thanks,

Claire

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

From: Mike Kuo
Sent: Monday, July 17, 2006 1:38 PM
To: Mike Kuo
Subject: Marvell Semiconductor, Inc., FCC ID: UAY-MMC85M, Assessment NO.: AN06T5958, Notice#2

The questions are issued by reviewing the revised UNII test report

Question #7 : This test report contains section 15.407 per FCC Part 15 subpart E. However, the test report indicates this is FCC Part 15 subpart C test report. Please make necessary correction.

Question #8:Based upon the antenna specification for Mega Chip, the highest antenna gain is 5.46 dBi @5.35 GHz and 2.78 dBi @5.15GHz band. FoxConn antenna, the highest antenna gain is 6.2 dBi @5.3 GHz band and 4.3 dBi @ 5.2 GHz band. These antenna gain information do not agree the antenna gain info listed in section 5.3 of test report.

Question #9: Section 7.1.2, based upon Method #2 of UNII procedures, the integrated bandwidth should be equal to 26 dB emission bandwidth. As shown in the spectrum plots, the integrated bandwidth is about twice of 26 dB emission bandwidth. Please redo Method # 2 power measurement based upon published UNII procedures.

Question #10 : Section 7.1.6 : RF conducted spurious emission tests: please explain the displayed limit line , the limit is -27 dBm down of highest EIRP. Please explain what is the reference EIRP is used.

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.