

From: Nancy [fnancy@cclab.com.tw]
Sent: Friday, February 22, 2002 3:57 AM
To: Mike Kuo
Cc: ???
Subject: Answers for FCC ID: HFSEFSERIES / Assessment No.: AN02T1790

Dear Mike,

I am glad to received the message from you, Thank you for your advice.
With regarding to Quanta issue FCC ID: HFSEFSERIES, Assessment No.: AN02T1790,
the questions' answers as below:

Question #1:Please see attachment file: XI726 circuit description-Q1

Question #2:Please see attachment file: XI726 circuit description

Question #3:Please see attachment file: FCC LA-System & FCC-LA-Module

Question #4:Regarding Page 4 of test report listed the frequency range is from 2400-2470MHz that are available chip for module , but this USB Wireless LAN Module is fixed from 2412-2462MHz. So, please see page 4 of test report listed that have been modify it. (Please see attachment file: Page 4 of test report)

Question #5:Please see attachment file: 15.205 1000-4824MHz data

Question #6:Please see attachment file: 15.206(15.109) Test Requirement

Question #7:Please see attachment file: Output Power spectrum plot

Question #8:Please see attachment file: 30MHz to 10 th Harmonics spectrum plots.

Question #9: Regarding MPE calculation equation formal is safe distance (cm).
$$\text{Distance (cm)} = 100 * (30 / (3770 * 1.0)) \sqrt{0.5 * (10 - 115 \text{dBm} - 30 + 2.14 \text{dBi}) / 20} = 2.03 \text{cm} \sqrt{2.5}$$

So, addition caution in the Page 30 of user manual . But written "FCC RF Radiation Exposure statement : "2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body." and according to 2.1093(b), this equipment MPE calculation to comply with 15.247(b)(4).

Question #10: Please see attachment file: Antenna Requirement

Question #11: Please see attachment file: Athu. Letter

If you have any other requests please let me know.

Thanks a lot for your advice.

Best regards,

Nancy
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- # Question 13: In my previous question #6. I am not asking for the instrument used (test equipment list). I need to know the RBW used for 15.109/15.209 measurement. Please provide it.
Please see note of page 15 of the Test Report.
- # Question 14: In my previous question #6. I am not asking for the instrument used (test equipment list). I need to know the RBW used for 15.109/15.209 measurement. Please provide it.
Please see graph of page 30, 31, 32 of the Test Report.
- # Question 15: In my previous question #11. I request to have cover letter to indicate which documents (schematic diagram, block diagram etc.) will be withheld from public disclosure. You provide a agency authorization letter. Authorization letter can not be used for requesting for confidentiality letter.
Please see APPENDIX 6.
- # Question 16: Please provide a revised user manual to include the RF exposure information indicated in your e-mail.
Please see APPENDIX 7.