

From: Nancy [fnancy@cclab.com.tw]  
Sent: Friday, February 22, 2002 3:57 AM  
To: Mike Kuo  
Cc: ???  
Subject: Answers for FCC ID: HFSEF SERIES / 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: HFSEF SERIES, 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).  
 $Distance (cm) = 100 * (30 / (3770 * 1.0)) \sqrt{0.5 * (10 \sqrt{115dBm - 30 + 2.14dBi} / 20)} = 2.03cm \sqrt{2.5cm}$   
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  
Tel: +886-3-324-5966#25

- # 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.  
Pplease 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.