

APPLICATION FOR CERTIFICATION

On Behalf of  
Hewlett-Packard Company  
Personal Digital Assistant or Pocket PC  
Model No. : HSTNH-L11C  
Brand: HP  
FCC ID : BEJPDA-L11C

Prepared for : Hewlett-Packard Company  
20555 SH 249, HOUSTON, TX 77070-2698, USA

Prepared by : Audix Corporation  
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## TEST REPORT CERTIFICATION

|                  |   |                                                                                               |
|------------------|---|-----------------------------------------------------------------------------------------------|
| Applicant        | : | Hewlett-Packard Company                                                                       |
| Manufacturer #1  | : | LG Electronics Inc.                                                                           |
| Manufacturer #2  | : | LG Electronics (Kunshan) Computer Co., Ltd.                                                   |
| EUT Description  | : | Personal Digital Assistant or Pocket PC                                                       |
| FCC ID           | : | BEJPDA-L11C                                                                                   |
| (A) MODEL NO.    | : | HSTNH-L11C                                                                                    |
| (B) SERIAL NO.   | : | N/A                                                                                           |
| (C) BRAND        | : | HP                                                                                            |
| (D) POWER SUPPLY | : | DC 5V                                                                                         |
| (E) TEST VOLTAGE | : | (1)AC 120V/60Hz via Switching<br>Power Supply<br>(2)DC 3.7V via Battery or DC Power<br>Supply |

### Measurement Procedure Used:

FCC RULES AND REGULATIONS PART 15 SUBPART C, FEBRUARY 2006  
AND ANSI C63.4/2003

(FCC CFR 47 Part 15C, §15.205, §15.207, §15.209 and §15.247)

The device described above was tested by AUDIX CORPORATION to determine the maximum emission levels emanating from the device. The maximum emission levels were compared to the FCC Part 15 subpart C limits.

The measurement results are contained in this test report and AUDIX CORPORATION is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliant with the FCC official limits.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of AUDIX CORPORATION.

Date of Test: Jun. 12 ~ 13, 2006

Prepared by: Tina Huang Jun. 29, 2006  
(Tina Huang/Assistant)

Test Engineer: Ben Cheng Jun. 29. 2006  
(Ben Cheng/Section Manager)

Approved & Authorized Signer: Leon Liu Jun. 29 2006  
(Leon Liu/Senior Manager)

## 1. GENERAL INFORMATION

### 1.1. Description of Device (EUT)

|                               |   |                                                                                                                                                                |
|-------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Description                   | : | Personal Digital Assistant or Pocket PC                                                                                                                        |
| Model Number                  | : | HSTNH-L11C                                                                                                                                                     |
| FCC ID                        | : | BEJPDA-L11C                                                                                                                                                    |
| Brand Name                    | : | HP                                                                                                                                                             |
| Applicant                     | : | Hewlett-Packard Company<br>20555 SH 249, HOUSTON, TX 77070-2698,<br>U.S.A.                                                                                     |
| Manufacturer #1               | : | LG Electronics Inc.<br>19-1, Cheongho-Ri, Jinwuy-Myeon,<br>Pyungtaek-Si, Gyeonggi-Do, 451-713, Korea.                                                          |
| Manufacturer #2               | : | LG Electronics (Kunshan) Computer Co., Ltd.<br>Qianjindong Rd., Economic & Technical<br>Development District, Kunshan City, Jiangsu<br>Province 215334, China. |
| Wireless LAN Module<br>(WLAN) | : | SyChip, M/N WLAN6101EB<br>IEEE 802.11 b/g                                                                                                                      |
| Bluetooth Card                | : | BROADCOM, M/N BCM2045                                                                                                                                          |
| Fundamental Range             | : | 2400MHz ~ 2483.5MHz                                                                                                                                            |
| Channel Number                | : | WLAN: 11<br>Bluetooth: 79                                                                                                                                      |
| Radio Technology              | : | WLAN: 802.11b DSSS Modulation<br>802.11g OFDM Modulation<br>Bluetooth: FHSS Modulation                                                                         |
| Antenna Gain                  | : | WLAN: 2dBi<br>Bluetooth: -3.64dBi                                                                                                                              |

|                                                    |   |                                                                                                          |
|----------------------------------------------------|---|----------------------------------------------------------------------------------------------------------|
| Data Sync Cable<br>(USB Type)                      | : | (1)Dong Myung, Shielded, Detachable, 1.2m<br>(2)Phihong, Shielded, Detachable, 1.2m                      |
| Rechargeable Battery Pack<br>(Lithium-Ion Battery) | : | HP, M/N: HSTNH-S11B<br>3.7V 1200mAh                                                                      |
| Earphone                                           | : | Non-Shielded, Detachable, 1.5m                                                                           |
| LCD panel                                          | : | Hitachi, M/N: TX07D04VM0APB                                                                              |
| Switching Power Supply<br>(2-Pin)                  | : | Phihong, M/N: PSB05R-050Q<br>Input: 100-240V~ 200mA, 50-60Hz, 12-17VA<br>Output: 5V, 1A, BSMI ID: R33084 |
| SD Memory Card<br>(Option)                         | : | SanDisk/China, Ultra II 1.0GB                                                                            |
| Date of Receipt of Sample                          | : | Jun. 12, 2006                                                                                            |
| Date of Test                                       | : | Jun. 12 ~ 13, 2006                                                                                       |

## 1.2. Tested Supporting System Details

### 1.2.1. NOTEBOOK PC

|               |   |                                                                                        |
|---------------|---|----------------------------------------------------------------------------------------|
| Model Number  | : | PP2130                                                                                 |
| Serial Number | : | 5Y32KSQZ40ME                                                                           |
| BSMI ID       | : | 3912A556                                                                               |
| FCC ID        | : | By DoC                                                                                 |
| Brand         | : | Compaq Computer Corporation                                                            |
| Manufacturer  | : | LG Electronics Ltd.                                                                    |
| AC Adapter    | : | Compaq, M/N PPP009L<br>(LITE-ON, M/N PA-1650-02C)<br>Non-Shielded, Undetachable, 1.8m, |
| Power Cord    | : | Non-Shielded, Detachable, 1.8m                                                         |

### 1.2.2. 15" LCD MONITOR

|                    |   |                                                                                                        |
|--------------------|---|--------------------------------------------------------------------------------------------------------|
| Model Number       | : | D5063                                                                                                  |
| Serial Number      | : | CN206A6013                                                                                             |
| FCC ID             | : | By DoC                                                                                                 |
| BSMI ID            | : | R33037                                                                                                 |
| Manufacturer       | : | Top Victory Electronics (Fujian) Co., Ltd.                                                             |
| Data Cable (D-Sub) | : | Shielded, Detachable, 1.8m<br>Bonded two ferrite cores                                                 |
| AC Adapter         | : | Delta, M/N ADP-40TB<br>BSMI ID 3892D142<br>Cord: Shielded, Undetachable, 1.8m<br>Bonded a ferrite core |
| Power Cord         | : | Non-Shielded, Detachable, 1.8m                                                                         |

## 1.2.3. DOT MATRIX PRINTER

|               |   |                                  |
|---------------|---|----------------------------------|
| Model Number  | : | KX-P2135                         |
| Serial Number | : | 8DMCNC02139                      |
| FCC ID        | : | ACJ5Z6KX-P2135                   |
| BSMI ID       | : | 3872A371                         |
| Manufacturer  | : | Matsushita (Brand: Panasonic)    |
| Data Cable    | : | Shielded, Detachable, 1.5m       |
| Power Cord    | : | Non-Shielded, Undetachable, 1.8m |

## 1.2.4. MOUSE

|               |   |                                  |
|---------------|---|----------------------------------|
| Model Number  | : | M-UV69a                          |
| Serial Number | : | HCB60403088                      |
| FCC ID        | : | By DoC                           |
| BSMI ID       | : | T4A126                           |
| Manufacturer  | : | LOGITECH (Brand: ASUS)           |
| Data Cable    | : | Non-Shielded, Undetachable, 1.8m |

## 1.3. Description of Test Facility

|              |   |                                                                                                                                                        |
|--------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Name of Firm | : | <b>Audix Corporation</b><br><b>Technical Division EMC Department</b><br>No. 53-11, Tin-Fu Tsun, Lin-Kou Hsiang,<br>Taipei County 24443, Taiwan, R.O.C. |
|--------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                          |   |                                                                                                             |
|------------------------------------------|---|-------------------------------------------------------------------------------------------------------------|
| Test Location & Facility<br>(C4/Semi-AC) | : | <b>No. 4 Shielded Room</b><br>No. 67-4, Tin-Fu Tsun, Lin-Kou Hsiang,<br>Taipei County 24443, Taiwan, R.O.C. |
|------------------------------------------|---|-------------------------------------------------------------------------------------------------------------|

**Semi-Anechoic Chamber**  
No. 53-11, Tin-Fu Tsun, Lin-Kou Hsiang,  
Taipei County 24443, Taiwan, R.O.C.

May 15, 2006 File on  
Federal Communication Commission  
Registration Number: 90993

|                 |   |          |
|-----------------|---|----------|
| NVLAP Lab. Code | : | 200077-0 |
|-----------------|---|----------|

(NVLAP is a NATA accredited body under Mutual Recognition Agreement)

## 1.4. Measurement Uncertainty

| Test Item                         | Frequency Range | Uncertainty (dB) |
|-----------------------------------|-----------------|------------------|
| Conduction Test                   | 150kHz~30MHz    | ±1.73dB          |
| Radiation Test<br>(Distance: 10m) | 30MHz~300MHz    | ±2.99dB          |
|                                   | 300MHz~1000MHz  | ±2.73dB          |
| Radiation Test<br>(Distance: 3m)  | 30MHz~300MHz    | ±2.91dB          |
|                                   | 300MHz~1000MHz  | ±2.94dB          |
|                                   | Above 1GHz      | ± 5.02dB         |

Remark : Uncertainty =  $k_{uc}(y)$

| Test Item                    | Uncertainty |
|------------------------------|-------------|
| 6dB Bandwidth                | ± 1kHz      |
| Maximum peak Output power    | ± 0.52dBm   |
| Emission Limitations         | ± 0.13dB    |
| Band Edges                   | ± 0.13dB    |
| Power spectral Density       | ± 0.33dB    |
| Carrier Frequency Separation | ± 1CH       |
| 20dB Bandwidth               | ± 0.2kHz    |
| Time Of Occupancy            | ± 0.03sec   |
| Number Of Hopping Channels   | ± 1CH       |

## 2. CONDUCTED EMISSION MEASUREMENT

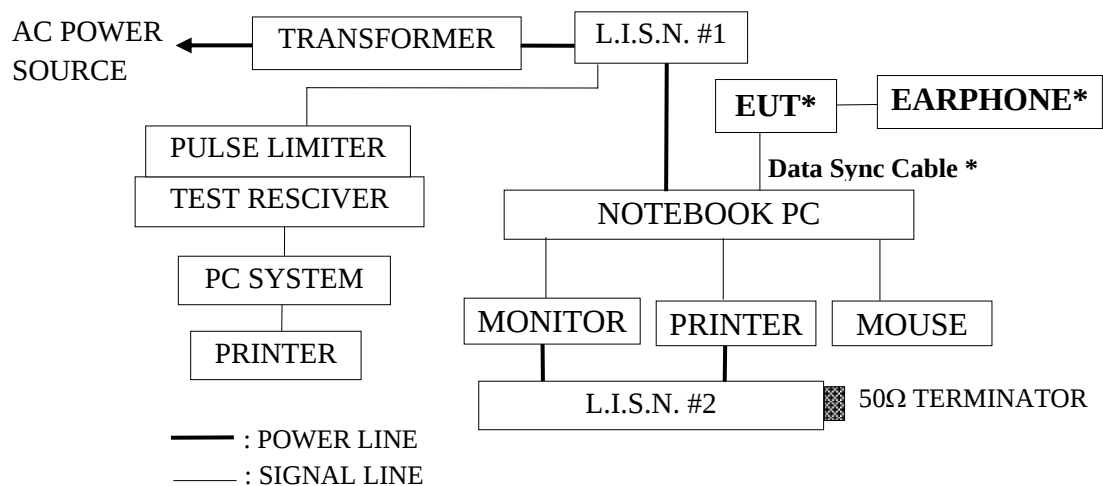
### 2.1. Test Equipment

The following test equipment were used during the conducted measurement:  
(No. 4 Shielded Room)

| Item | Type          | Manufacturer    | Model No. | Serial No. | Last Cal.   | Next Cal.   |
|------|---------------|-----------------|-----------|------------|-------------|-------------|
| 1.   | Test Receiver | Rohde & Schwarz | ESCS 30   | 100039     | Jun.22, 06' | Jun.21, 07' |
| 2.   | L.I.S.N. # 1  | Kyoritsu        | KNW-407   | 8-1430-5   | Sep.27, 05' | Sep.26, 06' |
| 3.   | L.I.S.N. # 2  | Kyoritsu        | KNW-407   | 8-1430-6   | Sep.27, 05' | Sep.26, 06' |
| 4.   | Pulse Limiter | Rohde & Schwarz | ESH3-Z2   | 004        | Mar.11, 06' | Mar.10, 07' |

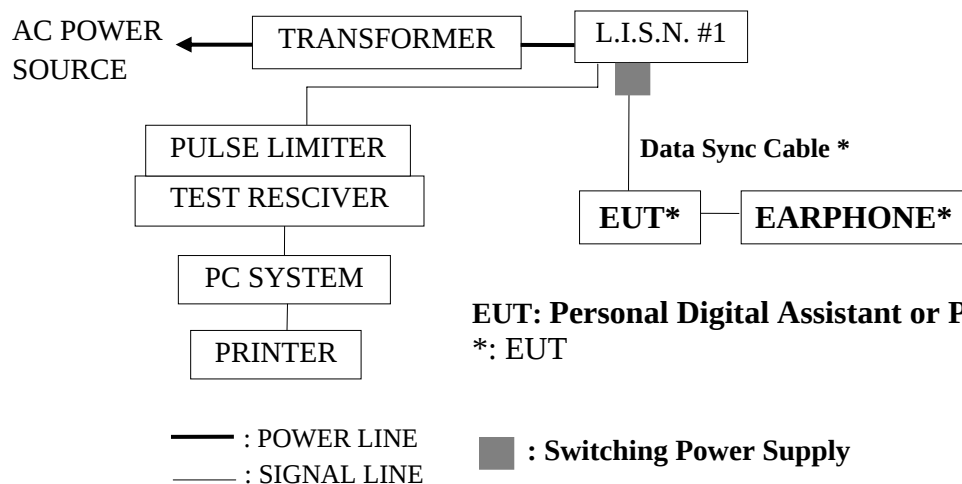
### 2.2. Block Diagram of Test Setup

#### 2.2.1. Test Mode: Link Notebook PC



EUT: Personal Digital Assistant or Pocket PC \*: EUT

#### 2.2.2. Test Mode: Charge



EUT: Personal Digital Assistant or Pocket PC  
\*: EUT

### 2.3. Conducted Emission Limits (§15.207)

| Frequency       | Maximum RF Line Voltage |                    |
|-----------------|-------------------------|--------------------|
|                 | Quasi-Peak Level        | Average Level      |
| 150kHz ~ 500kHz | 66 ~ 56 dB $\mu$ V      | 56 ~ 46 dB $\mu$ V |
| 500kHz ~ 5MHz   | 56 dB $\mu$ V           | 46 dB $\mu$ V      |
| 5MHz ~ 30MHz    | 60 dB $\mu$ V           | 50 dB $\mu$ V      |

Remark1.: If the average limit is met when using a Quasi-Peak detector, the EUT shall be deemed to meet both limits and measurement with the average detector is unnecessary.

2.: The lower limit applies at the band edges.

### 2.4. Operating Condition of EUT

- 2.4.1. Setup the EUT and simulator as shown on 2.2.
- 2.4.2. Turn on the power of all equipment.
- 2.4.3. The Personal Digital Assistant or Pocket PC (EUT) running test program “EMI\_TEST” to exercise system function.
- 2.4.4. The Personal Digital Assistant or Pocket PC (EUT) transmitted and received character “H” to/from the Notebook PC system via Data Sync Cable (USB Type), both screens displayed “H” pattern at the same time during the testing.
- 2.4.5. The Personal Digital Assistant or Pocket PC (EUT) was in charge mode during the testing.
- 2.4.6. The Personal Digital Assistant or Pocket PC (EUT) sent sound to the earphone.
- 2.4.7. The other peripheral devices were driven and operated in turn during all testing.

### 2.5. Test Procedure

The EUT was put on table which was above the ground by 80cm and its AC Adapter or Notebook PC's AC adapter connected to the power mains through a line impedance stabilization network (L.I.S.N. #1) and the other peripheral devices power cord were connected to the power mains through a line impedance stabilization network (L.I.S.N. #2) This provided a 50 ohm coupling impedance for the measuring equipment. (Please refer to the block diagram of the test setup and photographs.) Both sides of A.C. line were checked for maximum conducted interference. In order to find the maximum emission, the relative positions simulators of the interface cables should be manipulated according to FCC ANSI C63.4-2003 during conducted measurement.

The bandwidth of the R&S Test Receiver ESCS30 was set at 9kHz.

The frequency range from 150kHz to 30MHz was checked.

All the final readings from Test Receiver were measured with the Quasi-Peak detector and Average detector. (Remark: If the Average limit is met when using a Quasi-Peak detector, the Average detector is unnecessary)

## 2.6. Conducted Emission Measurement Results

### **PASSED.**

(All the emissions not reported below are too low against the prescribed limits.)

EUT with following test modes were performed during this section testing and all the test results are attached in next pages.

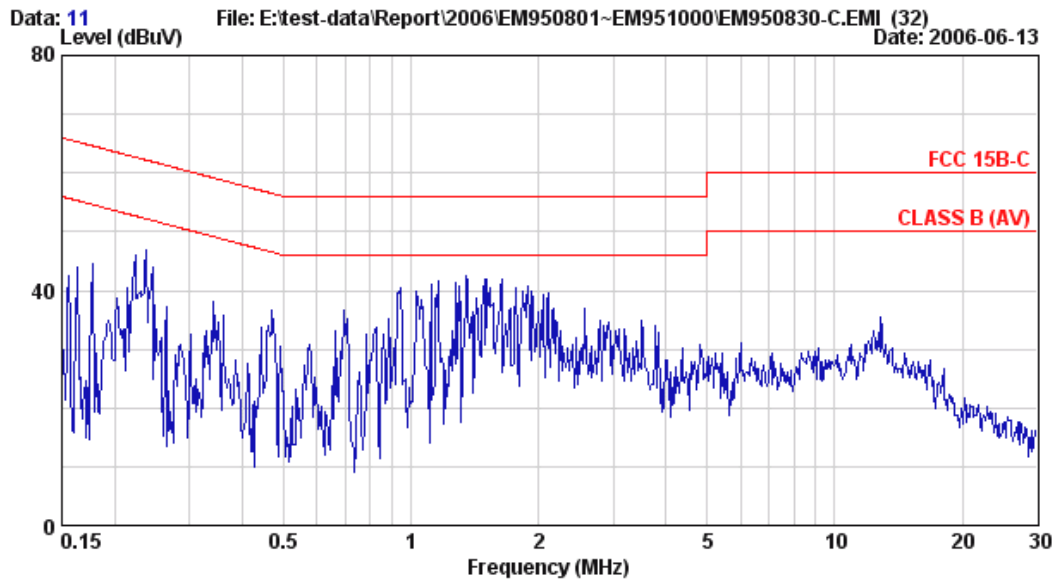
EUT : Personal Digital Assistant or Pocket PC      M/N : HSTNH-L11C

Test Date : Jun. 13, 2006      Temperature : 25      Humidity : 73%

| No. | Test Voltage                                    | Test Mode           | Data Sync Cable<br>(USB Type) | Reference Test Data No. |      |
|-----|-------------------------------------------------|---------------------|-------------------------------|-------------------------|------|
|     |                                                 |                     |                               | Neutral                 | Line |
| 1.  | AC 120V/60Hz<br>(Via Switching<br>Power Supply) | Link<br>Notebook PC | Dong Myung                    | # 11                    | # 12 |
| 2.  |                                                 |                     | Phihong                       | # 10                    | # 9  |
| 3.  |                                                 | Charge              | Dong Myung                    | # 14                    | # 13 |
| 4.  |                                                 |                     | Phihong                       | # 15                    | # 16 |



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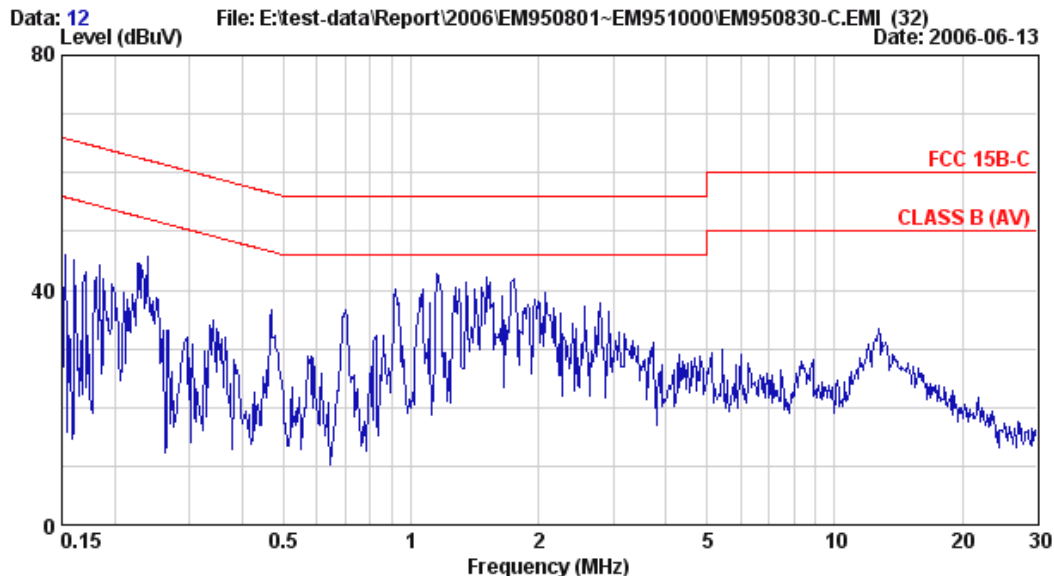
Site : NO.4 Shielded Room Data : 11  
Condition : KMW-407 Phase : NEUTRAL  
Limit : FCC 15B-C  
Env. / Ins. : 25°C 73% / ESCS30 Engineer: Byron Wu  
EUT : Pocket PC M/N:HSTNH-L11C  
Power Rating : 120Vac/60Hz  
Test Mode : LINK PC (W/Dong Myung Usb Cable)

|   |       | LISN   | Cable |         | Emission |        |        |        |
|---|-------|--------|-------|---------|----------|--------|--------|--------|
|   | Freq. | Factor | Loss  | Reading | Level    | Limits | Margin | Remark |
|   | (MHz) | (dB)   | (dB)  | (dBμV)  | (dBμV)   | (dBμV) | (dB)   |        |
| 1 | 0.222 | 0.18   | 0.21  | 43.15   | 43.55    | 62.74  | 19.19  | QP     |
| 2 | 0.235 | 0.18   | 0.22  | 44.50   | 44.90    | 62.26  | 17.36  | QP     |
| 3 | 1.160 | 0.10   | 0.41  | 41.24   | 41.75    | 56.00  | 14.25  | QP     |
| 4 | 1.359 | 0.10   | 0.42  | 41.07   | 41.60    | 56.00  | 14.41  | QP     |
| 5 | 1.628 | 0.10   | 0.44  | 39.51   | 40.05    | 56.00  | 15.95  | QP     |
| 6 | 1.888 | 0.10   | 0.46  | 40.18   | 40.74    | 56.00  | 15.26  | QP     |

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.  
2.If the average limit is met when using a quasi-peak detector ,the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



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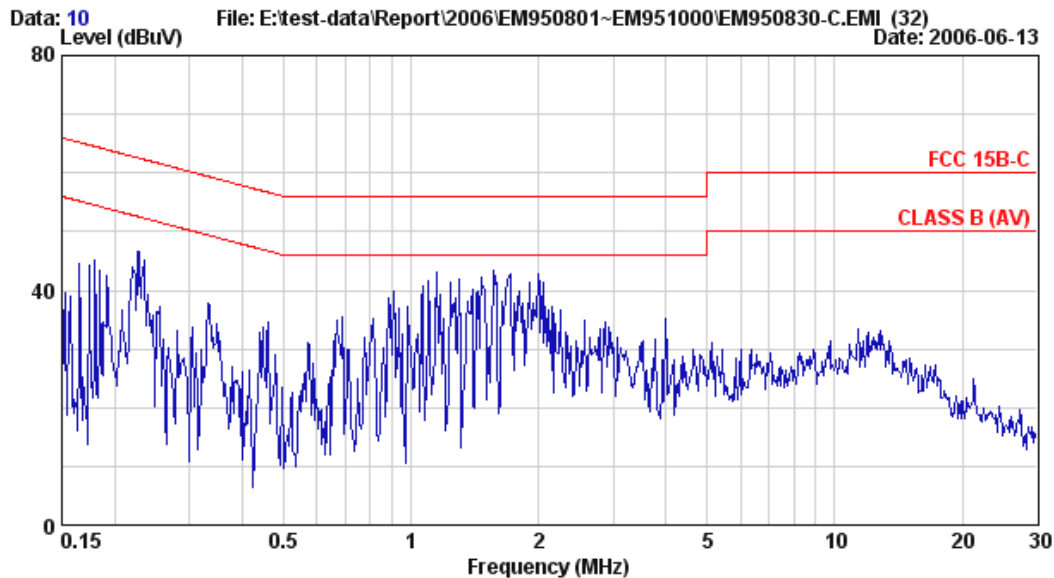
Site : NO.4 Shielded Room Data : 12  
Condition : KMW-407 Phase : LINE  
Limit : FCC 15B-C  
Env. / Ins. : 25°C 73% / ESCS30 Engineer: Byron Wu  
EUT : Pocket PC M/N:HSTNH-L11C  
Power Rating : 120Vac/60Hz  
Test Mode : LINK PC (W/Dong Myung Usb Cable)

|   |       | LISN   | Cable |         | Emission |        |        |        |
|---|-------|--------|-------|---------|----------|--------|--------|--------|
|   | Freq. | Factor | Loss  | Reading | Level    | Limits | Margin | Remark |
|   | (MHz) | (dB)   | (dB)  | (dBμV)  | (dBμV)   | (dBμV) | (dB)   |        |
| 1 | 0.152 | 0.29   | 0.20  | 44.45   | 44.95    | 65.87  | 20.92  | QP     |
| 2 | 0.161 | 0.28   | 0.20  | 44.66   | 45.14    | 65.43  | 20.29  | QP     |
| 3 | 0.239 | 0.17   | 0.22  | 45.31   | 45.71    | 62.13  | 16.42  | QP     |
| 4 | 1.153 | 0.10   | 0.41  | 42.29   | 42.80    | 56.00  | 13.20  | QP     |
| 5 | 1.527 | 0.10   | 0.44  | 39.47   | 40.00    | 56.00  | 16.00  | QP     |
| 6 | 1.744 | 0.10   | 0.45  | 41.36   | 41.91    | 56.00  | 14.09  | QP     |

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.  
2.If the average limit is met when using a quasi-peak detector ,the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



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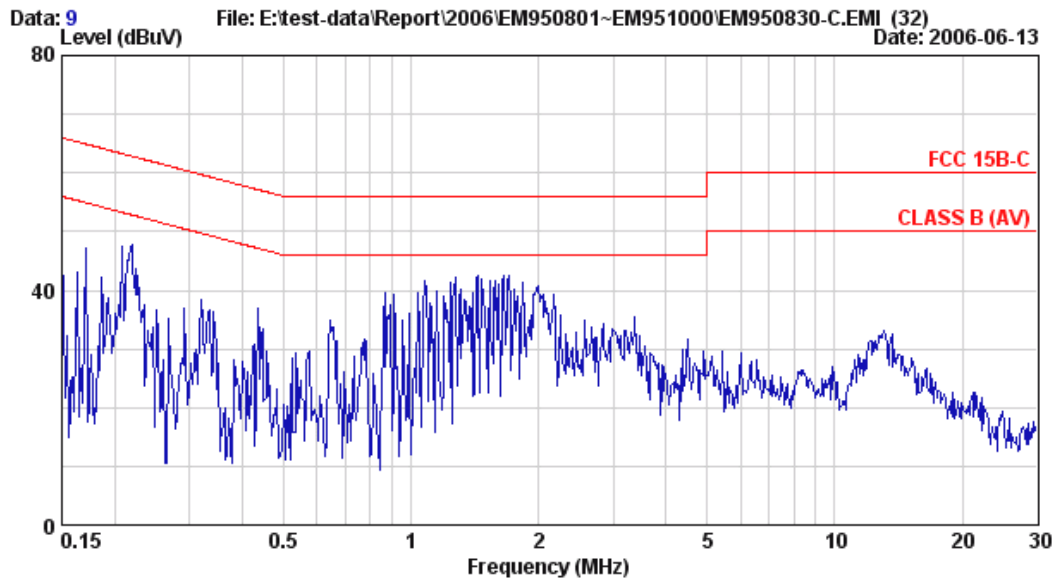
Site : NO.4 Shielded Room Data : 10  
Condition : KMW-407 Phase : NEUTRAL  
Limit : FCC 15B-C  
Env. / Ins. : 25°C 73% / ESCS30 Engineer: Byron Wu  
EUT : Pocket PC M/N:HSTNH-L11C  
Power Rating : 120Vac/60Hz  
Test Mode : LINK PC (W/PHIHONG Usb Cable)

|   | Freq.<br>(MHz) | LISN<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV) | Limits<br>(dBuV) | Margin<br>(dB) | Remark |
|---|----------------|------------------------|-----------------------|-------------------|-----------------------------|------------------|----------------|--------|
| 1 | 0.180          | 0.24                   | 0.21                  | 44.57             | 45.02                       | 64.50            | 19.49          | QP     |
| 2 | 0.227          | 0.18                   | 0.21                  | 46.16             | 46.55                       | 62.57            | 16.02          | QP     |
| 3 | 1.153          | 0.10                   | 0.41                  | 42.45             | 42.96                       | 56.00            | 13.04          | QP     |
| 4 | 1.577          | 0.10                   | 0.44                  | 41.61             | 42.14                       | 56.00            | 13.86          | QP     |
| 5 | 1.698          | 0.10                   | 0.45                  | 41.74             | 42.29                       | 56.00            | 13.71          | QP     |
| 6 | 2.001          | 0.10                   | 0.47                  | 41.49             | 42.05                       | 56.00            | 13.95          | QP     |

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.  
2.If the average limit is met when using a quasi-peak detector ,the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



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Site : NO.4 Shielded Room Data : 9  
Condition : KMW-407 Phase : LINE  
Limit : FCC 15B-C  
Env. / Ins. : 25°C 73% / ESCS30 Engineer: Byron Wu  
EUT : Pocket PC M/N:HSTNH-L11C  
Power Rating : 120Vac/60Hz  
Test Mode : LINK PC (W/PHIHONG Usb Cable)

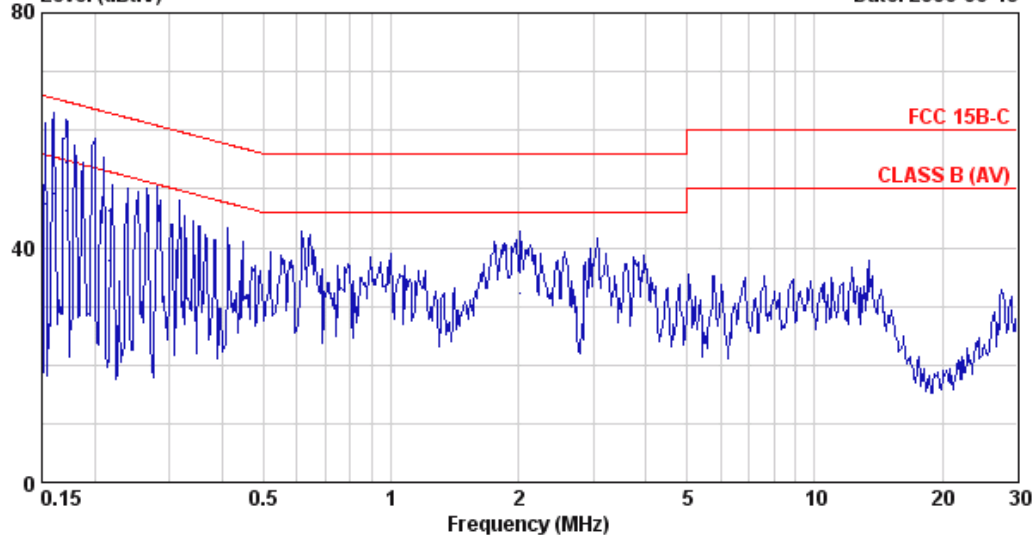
|   | Freq.<br>(MHz) | LISN<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV) | Limits<br>(dBuV) | Margin<br>(dB) | Remark |
|---|----------------|------------------------|-----------------------|-------------------|-----------------------------|------------------|----------------|--------|
| 1 | 0.170          | 0.26                   | 0.20                  | 46.64             | 47.09                       | 64.94            | 17.85          | QP     |
| 2 | 0.216          | 0.19                   | 0.21                  | 44.82             | 45.23                       | 62.96            | 17.74          | QP     |
| 3 | 1.077          | 0.10                   | 0.41                  | 39.43             | 39.94                       | 56.00            | 16.06          | QP     |
| 4 | 1.426          | 0.10                   | 0.43                  | 41.54             | 42.07                       | 56.00            | 13.93          | QP     |
| 5 | 1.689          | 0.10                   | 0.45                  | 41.14             | 41.69                       | 56.00            | 14.31          | QP     |
| 6 | 1.980          | 0.10                   | 0.47                  | 39.76             | 40.33                       | 56.00            | 15.67          | QP     |

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.  
2.If the average limit is met when using a quasi-peak detector  
the EUT shall be deemed to meet both limits and measurement  
with average detector is unnecessary.



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Data: 14 File: E:\test-data\Report\2006\EM950801-EM951000\EM950830-C.EMI (32) Date: 2006-06-13



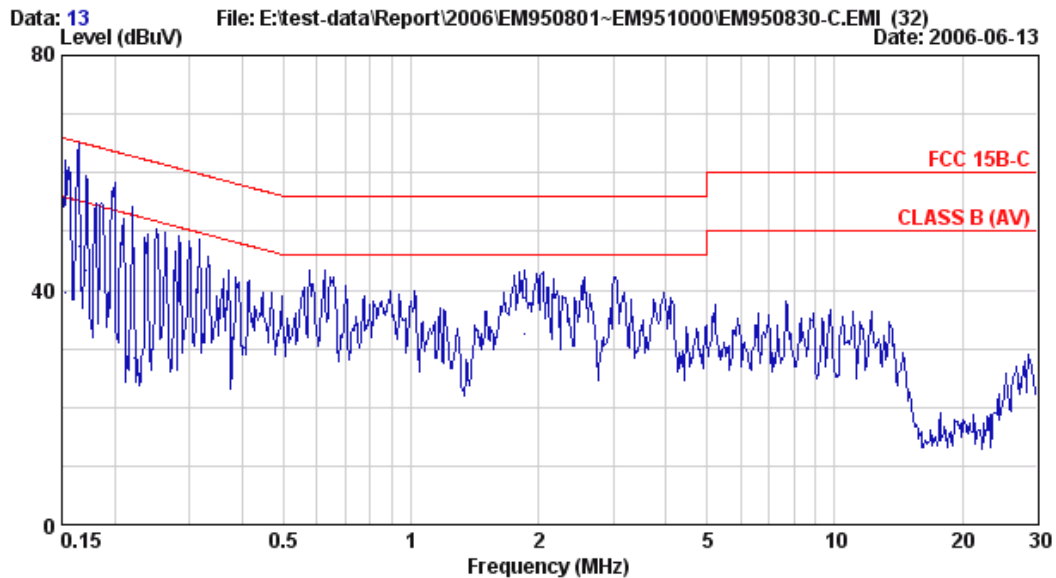
Site : NO.4 Shielded Room Data : 14  
Condition : KMW-407 Phase : NEUTRAL  
Limit : FCC 15B-C  
Env. / Ins. : 25°C 73% / ESCS30 Engineer: Byron Wu  
EUT : Pocket PC M/N:HSTNH-L11C  
Power Rating : 120Vac/60Hz  
Test Mode : Charge (W/Dong Myung Usb Cable)

|    | Freq.<br>(MHz) | LISN<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Reading<br>(dBμV) | Emission<br>Level<br>(dBμV) | Limits<br>(dBμV) | Margin<br>(dB) | Remark  |
|----|----------------|------------------------|-----------------------|-------------------|-----------------------------|------------------|----------------|---------|
| 1  | 0.152          | 0.29                   | 0.20                  | 54.33             | 54.82                       | 65.87            | 11.04          | QP      |
| 2  | 0.152          | 0.29                   | 0.20                  | 46.95             | 47.44                       | 55.87            | 8.42           | AVERAGE |
| 3  | 0.161          | 0.28                   | 0.20                  | 57.98             | 58.46                       | 65.43            | 6.97           | QP      |
| 4  | 0.161          | 0.28                   | 0.20                  | 48.67             | 49.15                       | 55.43            | 6.28           | AVERAGE |
| 5  | 0.171          | 0.25                   | 0.20                  | 54.08             | 54.53                       | 64.90            | 10.37          | QP      |
| 6  | 0.171          | 0.25                   | 0.20                  | 45.72             | 46.17                       | 54.90            | 8.73           | AVERAGE |
| 7  | 0.200          | 0.20                   | 0.21                  | 49.95             | 50.36                       | 63.62            | 13.27          | QP      |
| 8  | 0.200          | 0.20                   | 0.21                  | 40.77             | 41.18                       | 53.62            | 12.45          | AVERAGE |
| 9  | 0.216          | 0.19                   | 0.21                  | 45.94             | 46.34                       | 62.99            | 16.65          | QP      |
| 10 | 0.216          | 0.19                   | 0.21                  | 37.30             | 37.70                       | 52.99            | 15.29          | AVERAGE |
| 11 | 2.020          | 0.10                   | 0.47                  | 37.82             | 38.39                       | 56.00            | 17.61          | QP      |
| 12 | 2.020          | 0.10                   | 0.47                  | 31.79             | 32.36                       | 46.00            | 13.64          | AVERAGE |

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.  
2.If the average limit is met when using a quasi-peak detector ,the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



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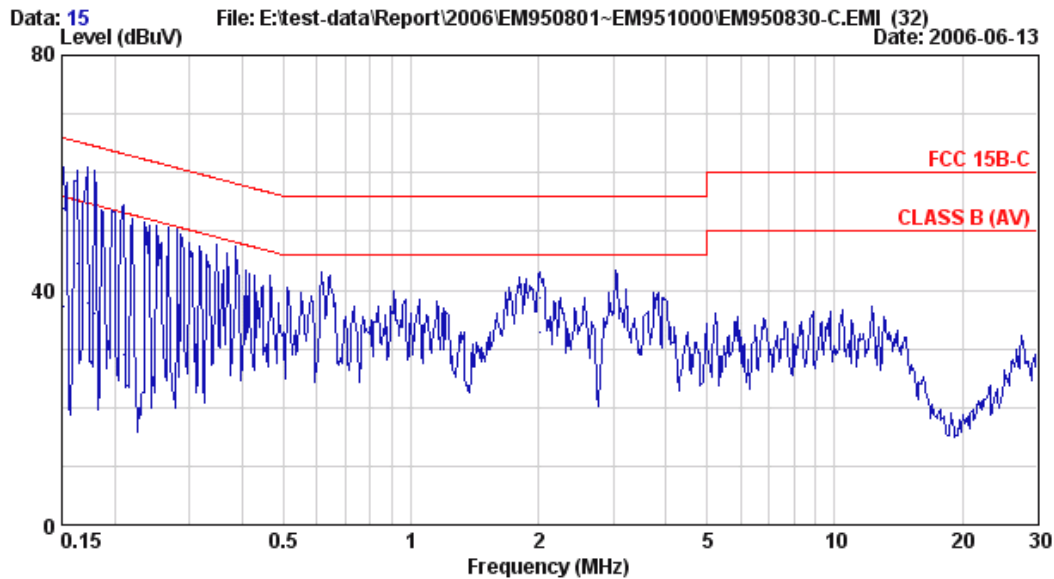
Site : NO.4 Shielded Room Data : 13  
Condition : KMW-407 Phase : LINE  
Limit : FCC 15B-C  
Env. / Ins. : 25°C 73% / ESCS30 Engineer: Byron Wu  
EUT : Pocket PC M/N:HSTNH-L11C  
Power Rating : 120Vac/60Hz  
Test Mode : Charge (W/Dong Myung Usb Cable)

|    | Freq.<br>(MHz) | LISN<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV) | Limits<br>(dBuV) | Margin<br>(dB) | Remark  |
|----|----------------|------------------------|-----------------------|-------------------|-----------------------------|------------------|----------------|---------|
| 1  | 0.153          | 0.29                   | 0.20                  | 54.79             | 55.28                       | 65.82            | 10.54          | QP      |
| 2  | 0.153          | 0.29                   | 0.20                  | 39.16             | 39.65                       | 55.82            | 16.17          | AVERAGE |
| 3  | 0.165          | 0.27                   | 0.20                  | 60.00             | 60.47                       | 65.21            | 4.74           | QP      |
| 4  | 0.165          | 0.27                   | 0.20                  | 47.07             | 47.54                       | 55.20            | 7.67           | AVERAGE |
| 5  | 0.171          | 0.25                   | 0.20                  | 55.96             | 56.41                       | 64.91            | 8.50           | QP      |
| 6  | 0.171          | 0.25                   | 0.20                  | 42.90             | 43.35                       | 54.91            | 11.56          | AVERAGE |
| 7  | 0.200          | 0.20                   | 0.21                  | 51.00             | 51.41                       | 63.62            | 12.22          | QP      |
| 8  | 0.200          | 0.20                   | 0.21                  | 39.17             | 39.58                       | 53.62            | 14.05          | AVERAGE |
| 9  | 0.221          | 0.19                   | 0.21                  | 45.29             | 45.69                       | 62.77            | 17.08          | QP      |
| 10 | 0.221          | 0.19                   | 0.21                  | 27.92             | 28.32                       | 52.77            | 24.45          | AVERAGE |
| 11 | 1.860          | 0.10                   | 0.46                  | 38.26             | 38.82                       | 56.00            | 17.18          | QP      |
| 12 | 1.860          | 0.10                   | 0.46                  | 32.03             | 32.59                       | 46.00            | 13.41          | AVERAGE |

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.  
2.If the average limit is met when using a quasi-peak detector  
,the EUT shall be deemed to meet both limits and measurement  
with average detector is unnecessary.



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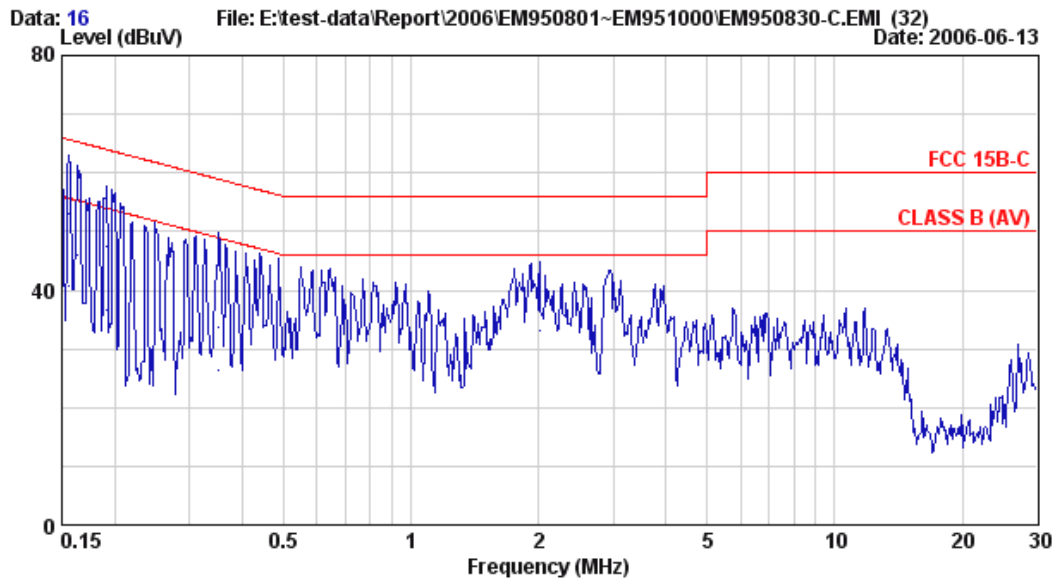
Site : NO.4 Shielded Room Data : 15  
 Condition : KMW-407 Phase : NEUTRAL  
 Limit : FCC 15B-C  
 Env. / Ins. : 25°C 73% / ESCS30 Engineer: Byron Wu  
 EUT : Pocket PC M/N:HSTNH-L11C  
 Power Rating : 120Vac/60Hz  
 Test Mode : Charge (W/PHIHONG Usb Cable)

|    |       | LISN   | Cable |         | Emission |        |        |         |
|----|-------|--------|-------|---------|----------|--------|--------|---------|
|    | Freq. | Factor | Loss  | Reading | Level    | Limits | Margin | Remark  |
|    | (MHz) | (dB)   | (dB)  | (dBuV)  | (dBuV)   | (dBuV) | (dB)   |         |
| 1  | 0.151 | 0.30   | 0.20  | 53.50   | 54.00    | 65.96  | 11.96  | QP      |
| 2  | 0.151 | 0.30   | 0.20  | 36.81   | 37.31    | 55.96  | 18.65  | AVERAGE |
| 3  | 0.163 | 0.27   | 0.20  | 57.19   | 57.66    | 65.30  | 7.64   | QP      |
| 4  | 0.163 | 0.27   | 0.20  | 44.06   | 44.53    | 55.30  | 10.77  | AVERAGE |
| 5  | 0.173 | 0.25   | 0.20  | 53.17   | 53.62    | 64.81  | 11.19  | QP      |
| 6  | 0.173 | 0.25   | 0.20  | 37.34   | 37.79    | 54.81  | 17.02  | AVERAGE |
| 7  | 0.180 | 0.24   | 0.21  | 50.93   | 51.37    | 64.50  | 13.13  | QP      |
| 8  | 0.180 | 0.24   | 0.21  | 35.61   | 36.05    | 54.50  | 18.45  | AVERAGE |
| 9  | 0.209 | 0.19   | 0.21  | 46.11   | 46.52    | 63.23  | 16.71  | QP      |
| 10 | 0.209 | 0.19   | 0.21  | 28.65   | 29.06    | 53.23  | 24.17  | AVERAGE |
| 11 | 2.010 | 0.10   | 0.47  | 38.13   | 38.70    | 56.00  | 17.30  | QP      |
| 12 | 2.010 | 0.10   | 0.47  | 32.17   | 32.74    | 46.00  | 13.26  | AVERAGE |

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.  
 2.If the average limit is met when using a quasi-peak detector ,the EUT shall be deemed to meet both limits and measurement with average detector is unnecessary.



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Site : NO.4 Shielded Room Data : 16  
Condition : KMW-407 Phase : LINE  
Limit : FCC 15B-C  
Env. / Ins. : 25°C 73% / ESCS30 Engineer: Byron Wu  
EUT : Pocket PC M/N:HSTNH-L11C  
Power Rating : 120Vac/60Hz  
Test Mode : Charge (W/PHIHONG Usb Cable)

|    | Freq.<br>(MHz) | LISN<br>Factor<br>(dB) | Cable<br>Loss<br>(dB) | Reading<br>(dBuV) | Emission<br>Level<br>(dBuV) | Limits<br>(dBuV) | Margin<br>(dB) | Remark  |
|----|----------------|------------------------|-----------------------|-------------------|-----------------------------|------------------|----------------|---------|
| 1  | 0.156          | 0.29                   | 0.20                  | 52.69             | 53.18                       | 65.69            | 12.51          | QP      |
| 2  | 0.156          | 0.29                   | 0.20                  | 40.10             | 40.59                       | 55.69            | 15.10          | AVERAGE |
| 3  | 0.163          | 0.27                   | 0.20                  | 56.98             | 57.45                       | 65.30            | 7.85           | QP      |
| 4  | 0.163          | 0.27                   | 0.20                  | 45.57             | 46.04                       | 55.30            | 9.26           | AVERAGE |
| 5  | 0.191          | 0.21                   | 0.21                  | 47.07             | 47.49                       | 63.98            | 16.48          | QP      |
| 6  | 0.191          | 0.21                   | 0.21                  | 36.25             | 36.67                       | 53.98            | 17.30          | AVERAGE |
| 7  | 0.198          | 0.20                   | 0.21                  | 48.21             | 48.62                       | 63.71            | 15.09          | QP      |
| 8  | 0.198          | 0.20                   | 0.21                  | 37.08             | 37.49                       | 53.71            | 16.22          | AVERAGE |
| 9  | 0.352          | 0.12                   | 0.24                  | 33.21             | 33.57                       | 58.91            | 25.34          | QP      |
| 10 | 0.352          | 0.12                   | 0.24                  | 26.07             | 26.43                       | 48.91            | 22.48          | AVERAGE |
| 11 | 2.010          | 0.10                   | 0.47                  | 38.51             | 39.08                       | 56.00            | 16.92          | QP      |
| 12 | 2.010          | 0.10                   | 0.47                  | 32.50             | 33.07                       | 46.00            | 12.93          | AVERAGE |

Remarks: 1.Emission Level= LISN Factor + Cable Loss + Reading.  
2.If the average limit is met when using a quasi-peak detector  
,the EUT shall be deemed to meet both limits and measurement  
with average detector is unnecessary.

### 3. RADIATED EMISSION MEASUREMENT

#### 3.1. Test Equipment

The following test equipment was used during the radiated emission measurement:

##### 3.1.1. For Frequency 30MHz~1000MHz (at Semi-Anechoic Chamber)

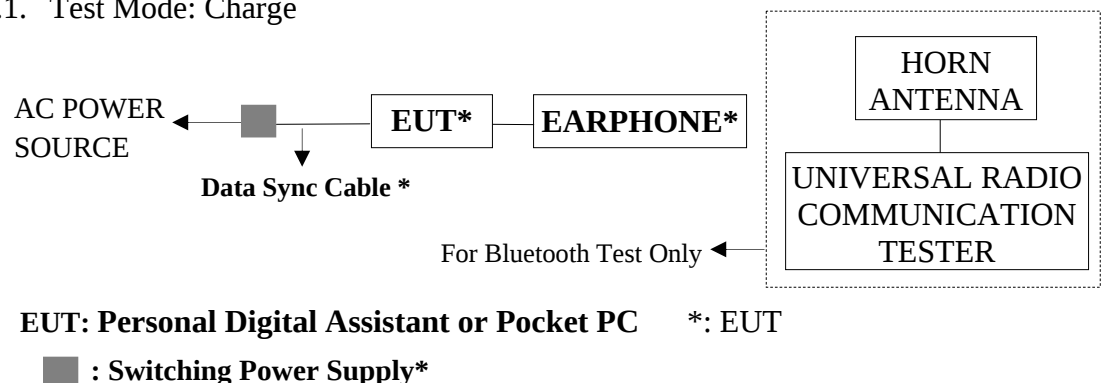
| Item | Type                                 | Manufacturer | Model No.   | Serial No. | Last Cal.    | Next Cal.    |
|------|--------------------------------------|--------------|-------------|------------|--------------|--------------|
| 1.   | Spectrum Analyzer                    | HP           | 8593EM      | 3826A00248 | Sep.26, 05'  | Sep.25, 06'  |
| 2.   | Test Receiver                        | R & S        | ESCS30      | 100339     | Mar. 21, 06' | Mar. 20, 07' |
| 3.   | Pre-Amplifier                        | HP           | 8447D       | 2944A06305 | Mar. 09, 06' | Mar. 08, 07' |
| 4.   | Biconical Antenna                    | CHASE        | VBA6106A    | 1264       | Nov.11, 05'  | Nov.10, 06'  |
| 5.   | Log Periodic Antenna                 | Schwarzbeck  | UHALP9108-A | 0139       | Dec.14, 05'  | Dec.13, 06'  |
| 6.   | Universal Radio Communication Tester | R&S          | CMU200      | 102280     | Nov. 22, 05' | Nov. 21, 06' |
| 7.   | Horn Antenna                         | EMCO         | 3116        | 2653       | Oct. 13, 05' | Oct. 12, 06' |

##### 3.1.2. For Frequency Above 1GHz (at Semi-Anechoic Chamber)

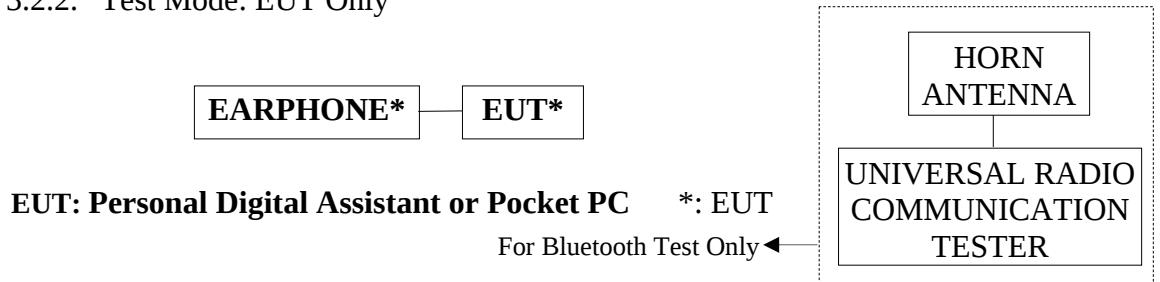
| Item | Type                                 | Manufacturer | Model No.   | Serial No. | Last Cal.    | Next Cal.    |
|------|--------------------------------------|--------------|-------------|------------|--------------|--------------|
| 1.   | Spectrum Analyzer                    | HP           | 8593EM      | 3826A00248 | Sep. 26, 05' | Sep. 25, 06' |
| 2.   | Pre-Amplifier                        | HP           | 8449B       | 3008A01284 | Jul. 05, 05' | Jul. 04, 06' |
| 3.   | 3.5G High Pass Filter                | HP           | 84300-80038 | 005        | Jan. 11, 06' | Jan. 10, 07' |
| 4.   | Horn Antenna                         | EMCO         | 3115        | 9609-4927  | Jul. 08, 05' | Jul. 07, 06' |
| 5.   | Horn Antenna                         | EMCO         | 3116        | 2653       | Oct. 13, 05' | Oct. 12, 06' |
| 6.   | Universal Radio Communication Tester | R&S          | CMU200      | 102280     | Nov. 22, 05' | Nov. 21, 06' |

#### 3.2. Test Setup

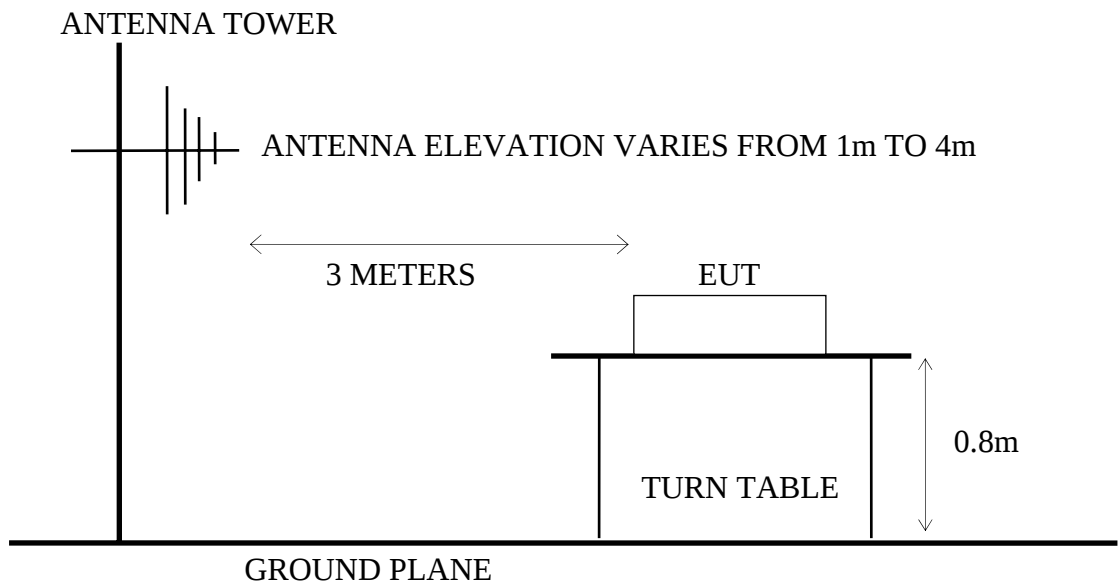
##### 3.2.1. Test Mode: Charge



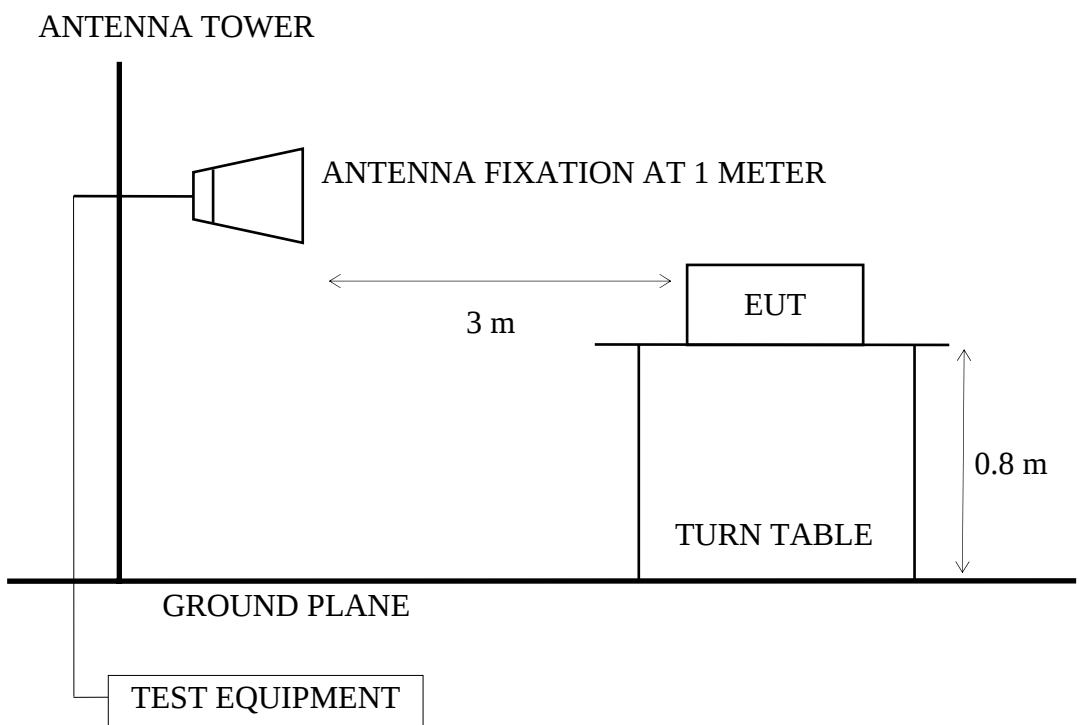
## 3.2.2. Test Mode: EUT Only



## 3.2.3. Semi-Anechoic Chamber (3m) Setup Diagram for 30-1000MHz



## 3.2.4. Semi-Anechoic Chamber (3m) Setup Diagram for above 1GHz



### 3.3. Radiated Emission Limits (§15.209)

| FREQUENCY<br>MHz | DISTANCE<br>Meters | FIELD STRENGTHS LIMITS                                                          |                          |
|------------------|--------------------|---------------------------------------------------------------------------------|--------------------------|
|                  |                    | $\mu\text{V/m}$                                                                 | $\text{dB}\mu\text{V/m}$ |
| 30 ~ 88          | 3                  | 100                                                                             | 40.0                     |
| 88 ~ 216         | 3                  | 150                                                                             | 43.5                     |
| 216 ~ 960        | 3                  | 200                                                                             | 46.0                     |
| Above 960        | 3                  | 500                                                                             | 54.0                     |
| Above 1000       | 3                  | 74.0 $\text{dB}\mu\text{V/m}$ (Peak)<br>54.0 $\text{dB}\mu\text{V/m}$ (Average) |                          |

- Remark :
- (1) Emission level ( $\text{dB}\mu\text{V/m}$ ) = 20 log Emission level ( $\mu\text{V/m}$ )
  - (2) The tighter limit applies at the edge between two frequency bands.
  - (3) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
  - (4) The limits in this table are based on CFR 47 Part 15.205(a)(b) and Part 15.209 (a).
  - (5) The over 1GHz limit, FCC limit is used based on CFR 47 Part 15.35 (b) and Part 15.205(b) & Part 15.209(e) and Part 15.207(c).

### 3.4. Operating Condition of EUT

- 3.4.1. Setup the EUT (Personal Digital Assistant or Pocket PC) and simulator as shown on 2.2.
- 3.4.2. Turn on the power of all equipment.
- 3.4.3. EUT Alone: The EUT was running the test software “FCC Test\_2.exe” to set continuously transmitted and received channels (through wireless LAN module) at select test frequency during testing. (EUT place at stand)
- 3.4.4. EUT + Switching Power Supply: The EUT was running the test software “FCC Test\_2.exe” to set continuously transmitted and received channels (through wireless LAN module) at select test frequency during testing and on charging at the same time.
- 3.4.5. EUT Alone: The EUT through universal radio communication tester to control EUT on transmitted and received channels function through bluetooth during the testing. (Test software is BCM2045USB Test App.exe to set the EUT into test mode) (EUT place at stand)
- 3.4.6. EUT + Switching Power Supply: The EUT through universal radio communication tester to control EUT on transmitted and received channels function through bluetooth during the testing and on charging at the same time. (Test software is BCM2045USB Test App.exe to set the EUT into test mode)
- 3.4.7. The other peripheral devices were driven and operated in turn during all testing.

### 3.5. Test Procedure

The EUT and its simulators were placed on a turn table which was 0.8 meter above the ground. The turn table rotated 360 degrees to determine the position of the maximum emission level. EUT was set 3 meters away from the receiving antenna which was mounted on a antenna tower. The antenna moved up and down between 1 to 4 meters to find out the maximum emission level. Broadband antenna such as calibrated biconical and log-periodical antenna or horn antenna were used as a receiving antenna. Both horizontal and vertical polarization of the antenna were set on measurement. In order to find the maximum emission, all of the interface cables were manipulated according to FCC ANSI C63.4-2003 regulation.

The bandwidth of the R&S Test Receiver ESCS30 was set at 120kHz. (For 30MHz to 1000MHz)

The resolution bandwidth and video bandwidth of test spectrum analyzer is 1MHz for peak detection (PK) at frequency above 1GHz.

The resolution bandwidth of test spectrum analyzer is 1MHz and the video bandwidth is 10Hz for average detection (AV) at frequency above 1GHz.

The frequency range from 30MHz to 25GHz (Up to 10<sup>th</sup> harmonics from fundamental frequency) was checked.

### 3.6. Radiated Emission Measurement Results

**PASSED.** All the emissions not reported below are too low against the official limits.

EUT : Personal Digital Assistant or Pocket PC

M/N : HSTNH-L11C

Test Date : Jun. 13, 2006

Temperature : 26

Humidity : 62%

#### For Frequency Range 30MHz~1000MHz:

The EUT with following test modes were performed during this section testing and all the test results are listed in section 3.6.1.

[Select worst data sync cable (phihong) to via Switching Power Supply to test]

| No. | Test Voltage                                 | Test Mode and Frequency |              |                | Data Sync Cable(USB Type) | Reference Test Data No. |          |
|-----|----------------------------------------------|-------------------------|--------------|----------------|---------------------------|-------------------------|----------|
|     |                                              |                         |              |                |                           | Horizontal              | Vertical |
| 1.  | AC 120V/60Hz<br>(Via Switching Power Supply) | WLAN<br>(802.11b)       | Transmitting | 2412MHz (CH1)  | Phihong                   | # 7                     | # 8      |
| 2.  |                                              |                         |              | 2437MHz (CH6)  |                           | # 8                     | # 7      |
| 3.  |                                              |                         |              | 2462MHz (CH11) |                           | # 7                     | # 8      |
| 4.  |                                              |                         | Receiver     | 2437MHz (CH6)  |                           | # 7                     | # 8      |
| 5.  | DC 3.7V<br>(Via Battery)                     |                         | Transmitting | 2412MHz (CH1)  |                           | # 8                     | # 7      |
| 6.  |                                              |                         |              | 2437MHz (CH6)  |                           | # 7                     | # 8      |
| 7.  |                                              |                         |              | 2462MHz (CH11) |                           | # 8                     | # 7      |
| 8.  |                                              |                         | Receiver     | 2437MHz (CH6)  |                           | # 8                     | # 7      |

\* Above all final readings were measured with Quasi-Peak detector.

| No. | Test Voltage                                    | Test Mode and Frequency |                |                | Data Sync<br>Cable(USB Type) | Reference Test Data No. |          |  |
|-----|-------------------------------------------------|-------------------------|----------------|----------------|------------------------------|-------------------------|----------|--|
|     |                                                 |                         |                |                |                              | Horizontal              | Vertical |  |
| 9.  | AC 120V/60Hz<br>(Via Switching<br>Power Supply) | WLAN<br>(802.11g)       | Transmitting   | 2412MHz (CH1)  | Phihong                      | # 8                     | # 7      |  |
| 10. |                                                 |                         |                | 2437MHz (CH6)  |                              | # 8                     | # 7      |  |
| 11. |                                                 |                         |                | 2462MHz (CH11) |                              | # 7                     | # 8      |  |
| 12. |                                                 |                         | Receiver       | 2437MHz (CH6)  |                              | # 8                     | # 7      |  |
| 13. | DC 3.7V<br>(Via Battery)                        |                         |                | 2412MHz (CH1)  |                              | # 7                     | # 8      |  |
| 14. | Transmitting                                    |                         | 2437MHz (CH6)  | # 8            |                              | # 7                     |          |  |
| 15. |                                                 |                         | 2462MHz (CH11) | # 7            |                              | # 8                     |          |  |
| 16. |                                                 |                         | Receiver       | 2437MHz (CH6)  |                              | # 7                     | # 8      |  |
| 17. | AC 120V/60Hz<br>(Via Switching<br>Power Supply) | Bluetooth               | Transmitting   | 2402MHz (CH0)  |                              | # 10                    | # 9      |  |
| 18. |                                                 |                         |                | 2441MHz (CH39) |                              | # 9                     | # 10     |  |
| 19. |                                                 |                         |                | 2480MHz (CH78) |                              | # 10                    | # 9      |  |
| 20. |                                                 |                         | Receiver       | 2480MHz (CH78) |                              | # 9                     | # 10     |  |
| 21. | DC 3.7V<br>(Via Battery)                        |                         |                | 2402MHz (CH0)  |                              | # 9                     | # 10     |  |
| 22. | Transmitting                                    |                         | 2441MHz (CH39) | # 10           |                              | # 9                     |          |  |
| 23. |                                                 |                         | 2480MHz (CH78) | # 9            |                              | # 10                    |          |  |
| 24. |                                                 |                         | Receiver       | 2480MHz (CH78) |                              | # 10                    | # 9      |  |

\* Above all final readings were measured with Quasi-Peak detector.

#### For Frequency above 1GHz:

The EUT with following test modes were performed during this section testing and all the test results are listed in section 3.6.2.

| No. | Test Voltage                                 | Test Mode and Frequency |              |                | Data Sync Cable(USB Type) |
|-----|----------------------------------------------|-------------------------|--------------|----------------|---------------------------|
| 1.  | AC 120V/60Hz<br>(Via Switching Power Supply) | WLAN<br>(802.11b)       | Transmitting | 2412MHz (CH1)  | Phihong                   |
| 2.  |                                              |                         |              | 2437MHz (CH6)  |                           |
| 3.  |                                              |                         |              | 2462MHz (CH11) |                           |
| 4.  |                                              |                         | Receiver     | 2437MHz (CH6)  |                           |
| 5.  | DC 3.7V<br>(Via Battery)                     |                         | Transmitting | 2412MHz (CH1)  |                           |
| 6.  |                                              |                         |              | 2437MHz (CH6)  |                           |
| 7.  |                                              |                         |              | 2462MHz (CH11) |                           |
| 8.  |                                              |                         | Receiver     | 2437MHz (CH6)  |                           |
| 9.  | AC 120V/60Hz<br>(Via Switching Power Supply) | WLAN<br>(802.11g)       | Transmitting | 2412MHz (CH1)  |                           |
| 10. |                                              |                         |              | 2437MHz (CH6)  |                           |
| 11. |                                              |                         |              | 2462MHz (CH11) |                           |
| 12. |                                              |                         | Receiver     | 2437MHz (CH6)  |                           |
| 13. | DC 3.7V<br>(Via Battery)                     |                         | Transmitting | 2412MHz (CH1)  |                           |
| 14. |                                              |                         |              | 2437MHz (CH6)  |                           |
| 15. |                                              |                         |              | 2462MHz (CH11) |                           |
| 16. |                                              |                         | Receiver     | 2437MHz (CH6)  |                           |

\* Above all final readings were measured with Peak detector and Average detector.

| No. | Test Voltage                                    | Test Mode and Frequency |              |                | Data Sync Cable(USB Type) |
|-----|-------------------------------------------------|-------------------------|--------------|----------------|---------------------------|
| 17. | AC 120V/60Hz<br>(Via Switching<br>Power Supply) | Bluetooth               | Transmitting | 2402MHz (CH0)  | Phihong                   |
| 18. |                                                 |                         |              | 2441MHz (CH39) |                           |
| 19. |                                                 |                         |              | 2480MHz (CH78) |                           |
| 20. |                                                 |                         | Receiver     | 2480MHz (CH78) |                           |
| 21. | DC 3.7V<br>(Via Battery)                        |                         | Transmitting | 2402MHz (CH0)  |                           |
| 22. |                                                 |                         |              | 2441MHz (CH39) |                           |
| 23. |                                                 |                         |              | 2480MHz (CH78) |                           |
| 24. |                                                 |                         | Receiver     | 2480MHz (CH78) |                           |

\* Above all final readings were measured with Peak detector and Average detector.

### For Restricted Bands:

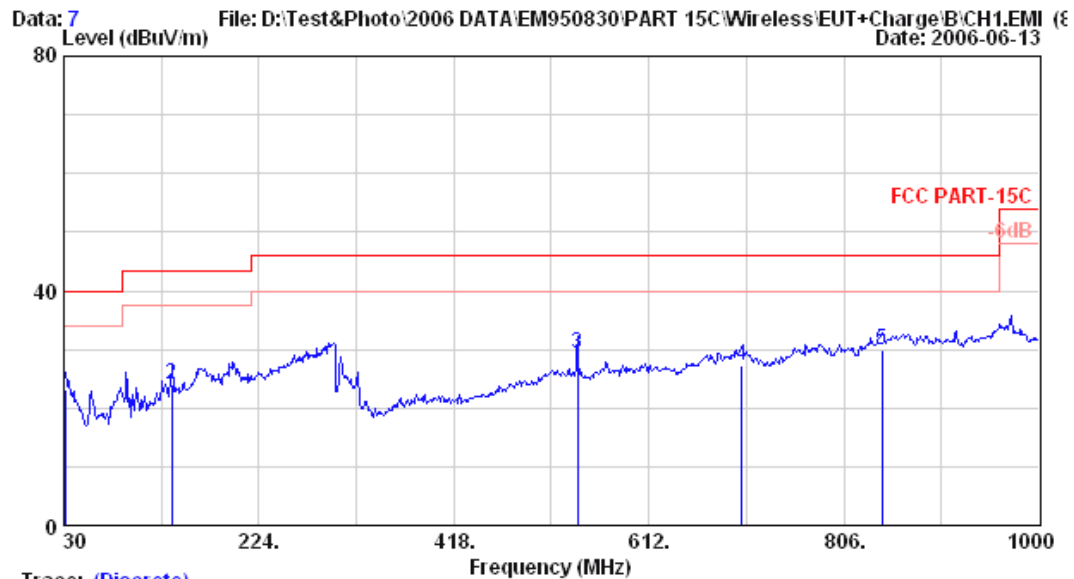
The EUT was tested in restricted bands and all the test results are listed in section 3.6.3. (The restricted bands defined in part 15.205(a))

| No. | Test Voltage                                    | Test Mode and Frequency |              |                | Data Sync<br>Cable(USB Type) | Reference Test Data No. |          |
|-----|-------------------------------------------------|-------------------------|--------------|----------------|------------------------------|-------------------------|----------|
|     |                                                 |                         |              |                |                              | Horizontal              | Vertical |
| 1.  | AC 120V/60Hz<br>(Via Switching<br>Power Supply) | WLAN<br><br>(802.11b)   | Transmitting | 2412MHz (CH1)  | Phihong                      | # 1, # 4                | # 2 # 3  |
| 2.  |                                                 |                         |              | 2462MHz (CH11) |                              | # 5, # 8                | # 6, # 7 |
| 3.  | DC 3.7V<br>(Via Battery)                        |                         | Transmitting | 2412MHz (CH1)  |                              | # 2, # 3                | # 1, # 4 |
| 4.  |                                                 |                         |              | 2462MHz (CH11) |                              | # 7, # 6                | # 8, # 5 |
| 5.  | AC 120V/60Hz<br>(Via Switching<br>Power Supply) | WLAN<br><br>(802.11g)   | Transmitting | 2412MHz (CH1)  |                              | # 1, # 4                | # 2, # 3 |
| 6.  |                                                 |                         |              | 2462MHz (CH11) |                              | # 8, # 5                | # 7, # 6 |
| 7.  | DC 3.7V<br>(Via Battery)                        |                         | Transmitting | 2412MHz (CH1)  |                              | # 7, # 6                | # 8, # 5 |
| 8.  |                                                 |                         |              | 2462MHz (CH11) |                              | # 2, # 3                | # 1, # 4 |
| 9.  | AC 120V/60Hz<br>(Via Switching<br>Power Supply) | Bluetooth               | Transmitting | 2402MHz (CH0)  |                              | # 3, # 2                | # 4, # 1 |
| 10. |                                                 |                         |              | 2480MHz (CH78) |                              | # 5, # 8                | # 6, # 7 |
| 11. | DC 3.7V<br>(Via Battery)                        |                         | Transmitting | 2402MHz (CH0)  |                              | # 2, # 3                | # 1, # 4 |
| 12. |                                                 |                         |              | 2480MHz (CH78) |                              | # 8, # 5                | # 7, # 6 |

## 3.6.1. 30MHz~ 1000MHz Frequency Range Measurement Result



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Trace: (Discrete)

Site no. : A/C Chamber Data no. : 7  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : CH1(802.11b)  
M/N:HSTNH-L11C

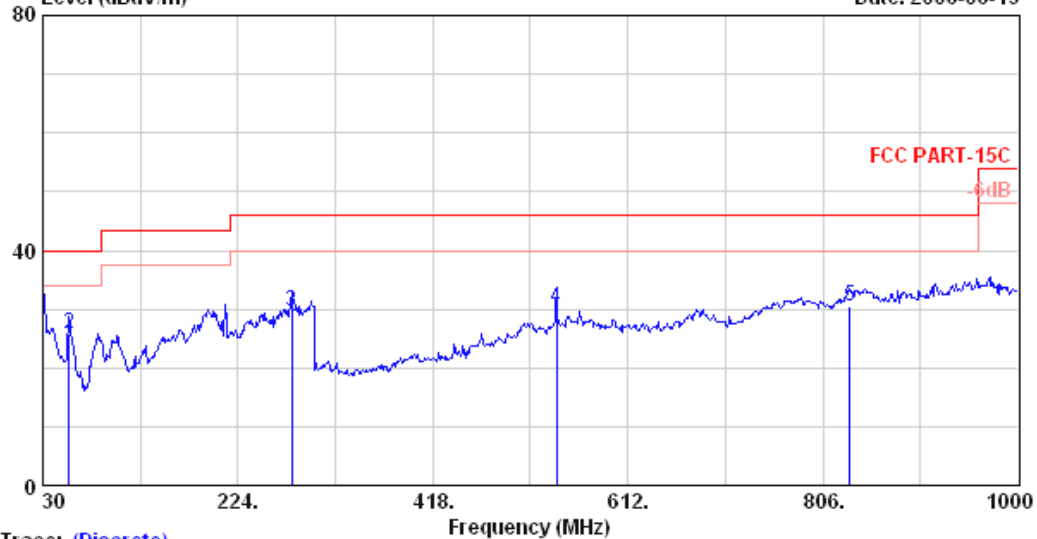
|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 30.970  | 24.81 | 1.10    | -2.71    | 23.20    | 40.00  | 16.80  |  |
| 2     | 137.670 | 20.01 | 2.43    | 1.68     | 24.13    | 43.50  | 19.37  |  |
| 3     | 541.190 | 19.25 | 7.01    | 2.91     | 29.17    | 46.00  | 16.83  |  |
| 4     | 704.150 | 23.56 | 6.60    | -2.84    | 27.32    | 46.00  | 18.68  |  |
| 5     | 843.830 | 25.23 | 7.10    | -2.48    | 29.85    | 46.00  | 16.15  |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 8 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Wireless\EUT+Charge B\CH1.EMI (8 Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 8  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : CH1(802.11b)  
M/N:HSTNH-L11C

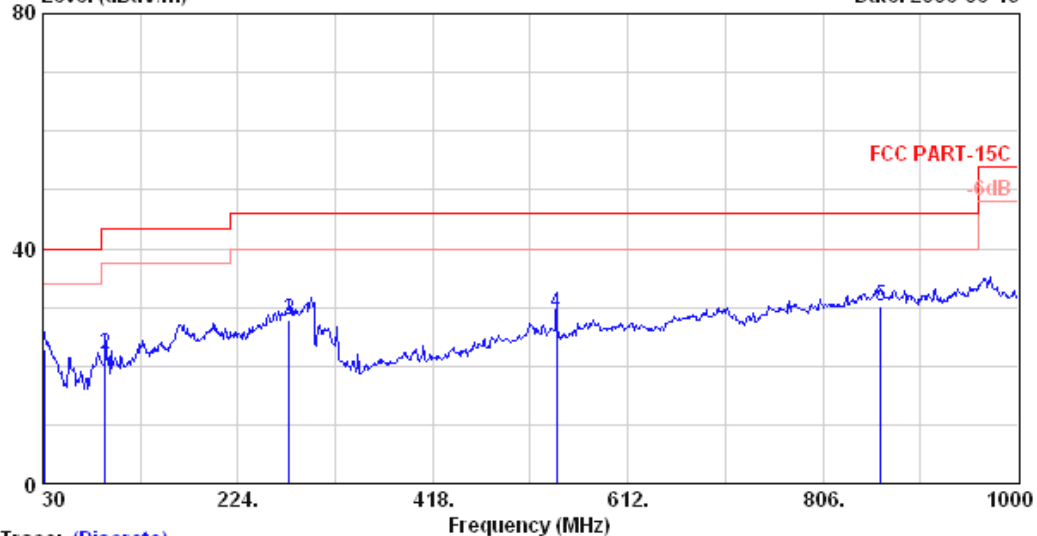
|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBμV)  | (dBμV/m) | (dBμV/m) | (dB)   |        |  |
| 1     | 30.000  | 23.60 | 1.10    | 5.30     | 30.00    | 40.00  | 10.00  |  |
| 2     | 56.190  | 14.21 | 1.60    | 9.90     | 25.71    | 40.00  | 14.29  |  |
| 3     | 277.350 | 25.94 | 3.80    | -0.01    | 29.73    | 46.00  | 16.27  |  |
| 4     | 541.190 | 20.48 | 7.01    | 2.55     | 30.04    | 46.00  | 15.96  |  |
| 5     | 833.160 | 26.22 | 7.10    | -2.90    | 30.42    | 46.00  | 15.58  |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 8 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Wireless\EUT+Charge B\CH6.EMI (8 Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 8  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : CH6(802.11b)  
M/N:HSTNH-L11C

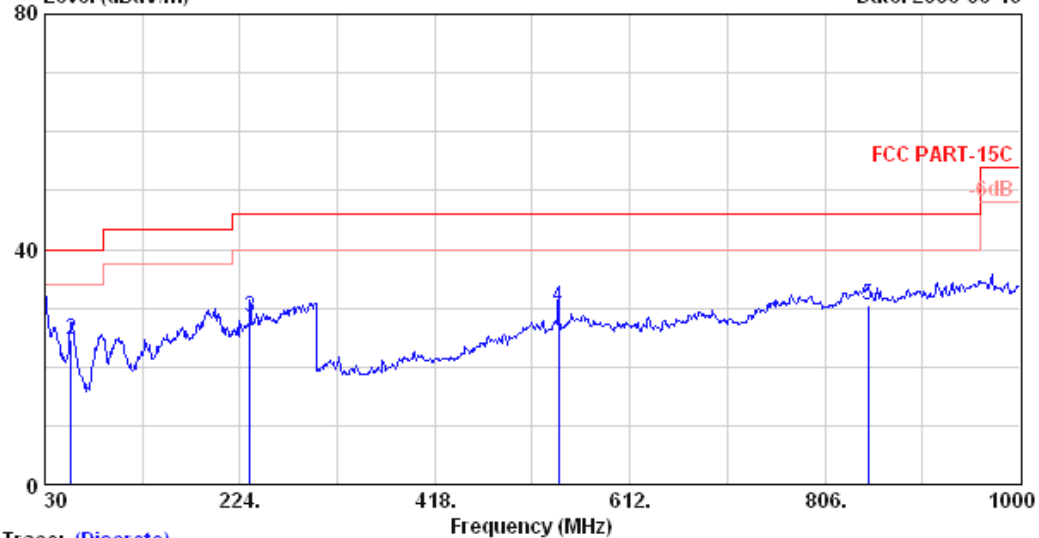
|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 30.970  | 24.81 | 1.10    | -3.05    | 22.86    | 40.00  | 17.14  |  |
| 2     | 92.080  | 16.08 | 2.00    | 4.03     | 22.10    | 43.50  | 21.40  |  |
| 3     | 275.410 | 25.25 | 3.70    | -1.02    | 27.93    | 46.00  | 18.07  |  |
| 4     | 541.190 | 19.25 | 7.01    | 2.90     | 29.16    | 46.00  | 16.84  |  |
| 5     | 863.230 | 26.09 | 7.20    | -3.20    | 30.09    | 46.00  | 15.91  |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 7 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Wireless\EUT+Charge B\CH6.EMI (8 Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 7  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : CH6(802.11b)  
M/N:HSTNH-L11C

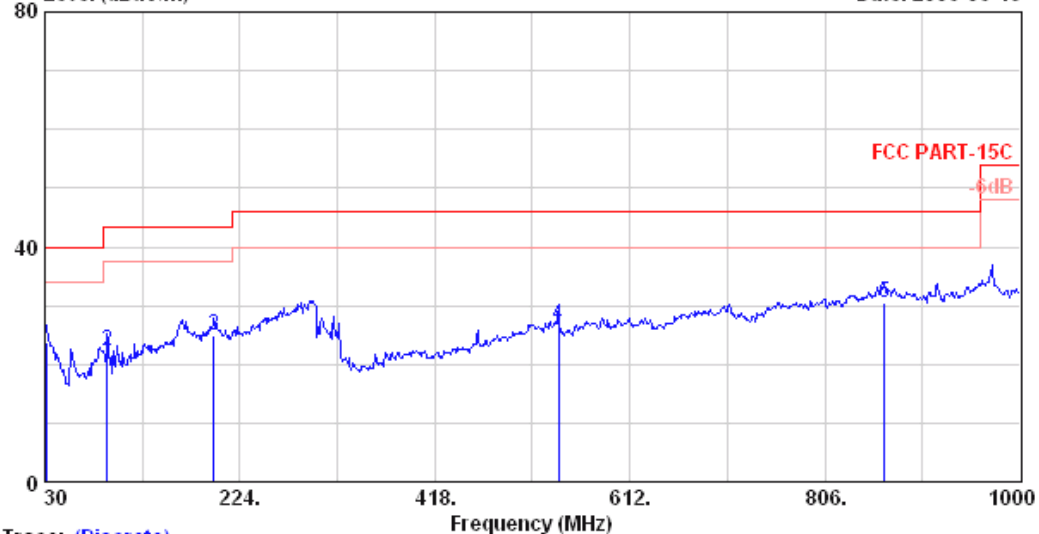
|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 30.000  | 23.60 | 1.10    | 4.56     | 29.26    | 40.00  | 10.74  |  |
| 2     | 56.190  | 14.21 | 1.60    | 8.87     | 24.68    | 40.00  | 15.32  |  |
| 3     | 233.700 | 24.84 | 3.38    | 0.14     | 28.35    | 46.00  | 17.65  |  |
| 4     | 541.190 | 20.48 | 7.01    | 2.64     | 30.13    | 46.00  | 15.87  |  |
| 5     | 848.680 | 26.54 | 7.10    | -3.07    | 30.57    | 46.00  | 15.43  |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 7 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Wireless\EUT+Charge B\CH11.EMI Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 7  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : CH11(802.11b)  
M/N:HSTNH-L11C

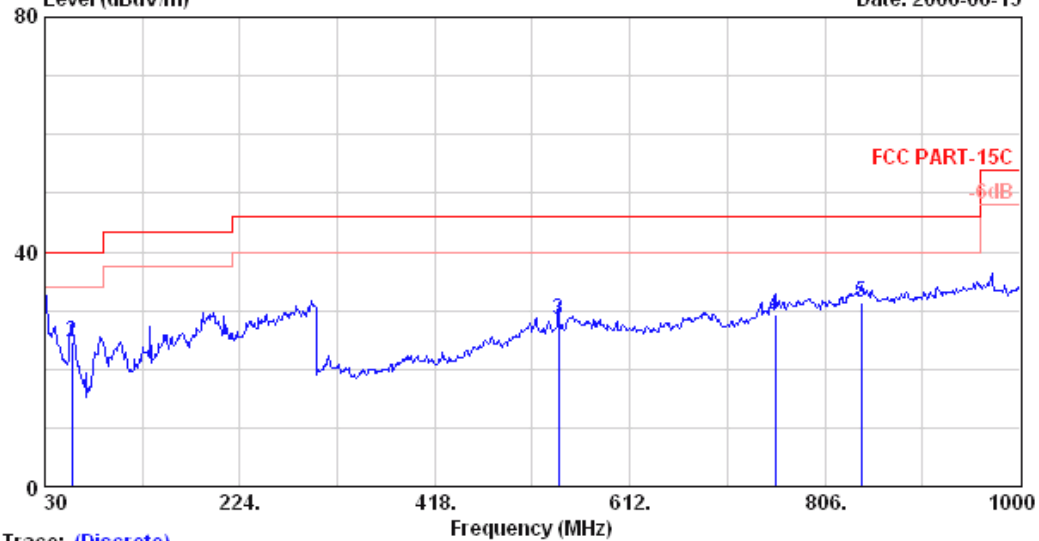
|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 30.970  | 24.81 | 1.10    | -2.24    | 23.67    | 40.00  | 16.33  |  |
| 2     | 92.080  | 16.08 | 2.00    | 4.24     | 22.31    | 43.50  | 21.19  |  |
| 3     | 197.810 | 22.02 | 3.00    | -0.08    | 24.95    | 43.50  | 18.55  |  |
| 4     | 541.190 | 19.25 | 7.01    | 0.40     | 26.66    | 46.00  | 19.34  |  |
| 5     | 865.170 | 26.00 | 7.20    | -2.59    | 30.61    | 46.00  | 15.39  |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Email:ttemc@ttemc.com.tw

Data: 8 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Wireless\EUT+Charge B\CH11.EMI Date: 2006-06-13



Site no. : A/C Chamber Data no. : 8  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : CH11(802.11b)  
M/N:HSTNH-L11C

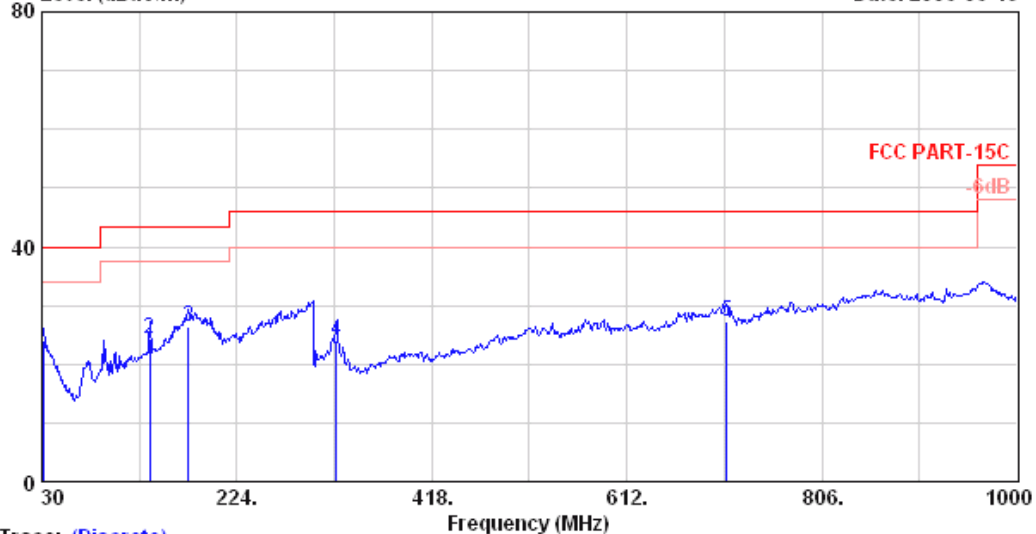
|   | Freq.   | Ant.   | Cable |         | Emission |          |        |        |
|---|---------|--------|-------|---------|----------|----------|--------|--------|
|   | (MHz)   | Factor | Loss  | Reading | Level    | Limits   | Margin | Remark |
|   |         | (dB/m) | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |
| 1 | 30.000  | 23.60  | 1.10  | 5.23    | 29.93    | 40.00    | 10.07  |        |
| 2 | 57.160  | 14.00  | 1.60  | 9.16    | 24.76    | 40.00    | 15.24  |        |
| 3 | 541.190 | 20.48  | 7.01  | 0.83    | 28.32    | 46.00    | 17.68  |        |
| 4 | 756.530 | 24.76  | 6.73  | -2.16   | 29.33    | 46.00    | 16.67  |        |
| 5 | 841.890 | 26.62  | 7.10  | -2.37   | 31.35    | 46.00    | 14.65  |        |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 7 File: D:\Test&Photo\2006 DATA\EM950830(PDA)\PART 15C\Wireless\EUT+Charge\B\RX.El  
Level (dBuV/m) Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 7  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : RX CH6(802.11b)  
M/N:HSTNH-L11C

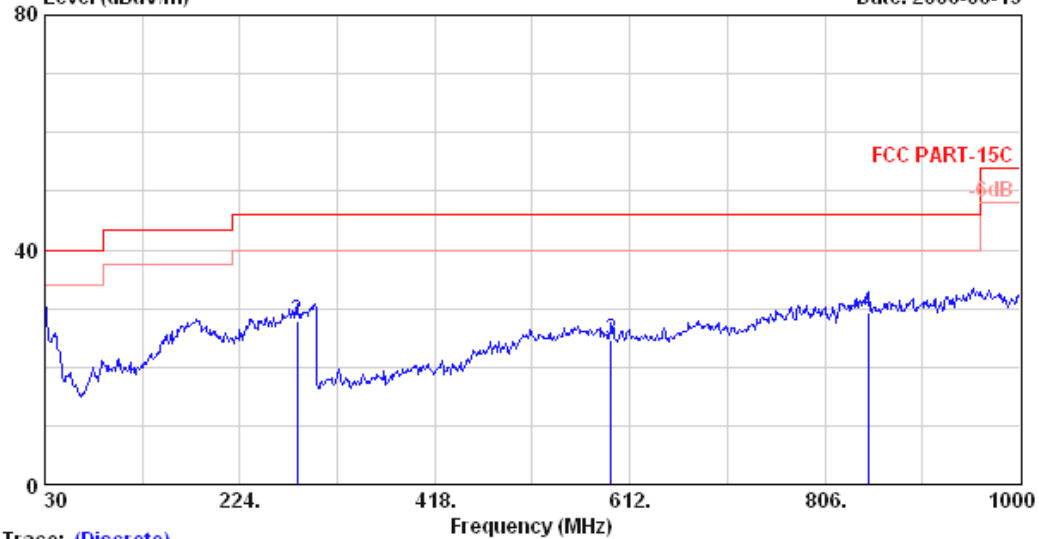
|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 30.970  | 24.81 | 1.10    | -1.96    | 23.95    | 40.00  | 16.05  |  |
| 2     | 137.670 | 20.01 | 2.43    | 1.89     | 24.34    | 43.50  | 19.16  |  |
| 3     | 175.500 | 21.19 | 2.89    | 2.24     | 26.32    | 43.50  | 17.18  |  |
| 4     | 322.940 | 15.08 | 4.15    | 4.80     | 24.03    | 46.00  | 21.97  |  |
| 5     | 710.940 | 23.54 | 6.51    | -2.92    | 27.12    | 46.00  | 18.88  |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 8 File: D:\Test&Photo\2006 DATA\EM950830(PDA)\PART 15C\Wireless\EUT+Charge\B\RX.El Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 8  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : RX CH6(802.11b)  
M/N:HSTNH-L11C

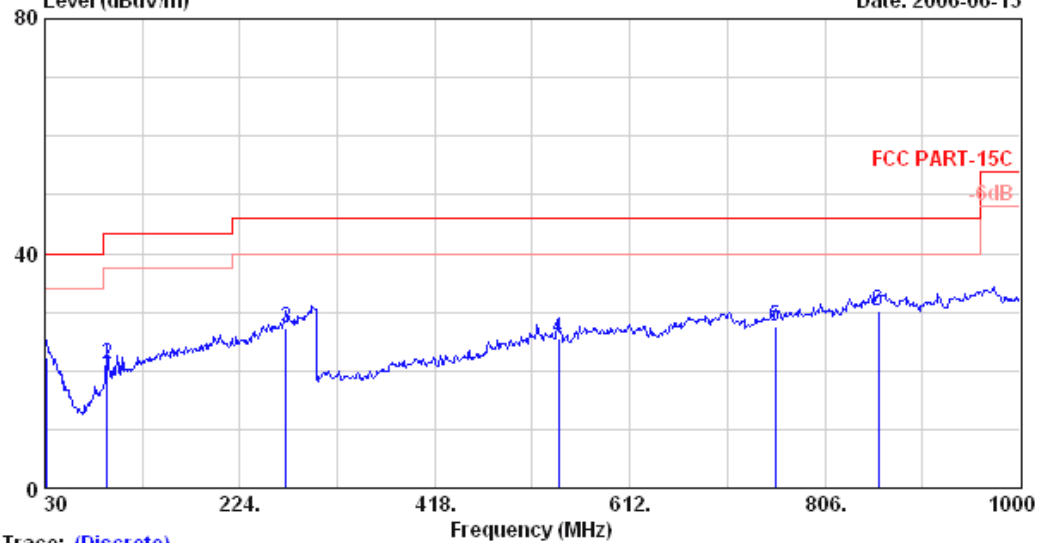
|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 30.000  | 23.60 | 1.10    | 2.58     | 27.28    | 40.00  | 12.72  |  |
| 2     | 281.230 | 26.52 | 3.80    | -2.48    | 27.83    | 46.00  | 18.17  |  |
| 3     | 593.570 | 21.51 | 6.20    | -3.16    | 24.54    | 46.00  | 21.46  |  |
| 4     | 848.680 | 26.54 | 7.10    | -4.36    | 29.28    | 46.00  | 16.72  |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 8 File: D:\Test&Photo\2006 DATA\EM950830(PDA)\PART 15C\Wireless EUT Only\B\CH1.EMI Date: 2006-06-13



Trace: (Discrete)

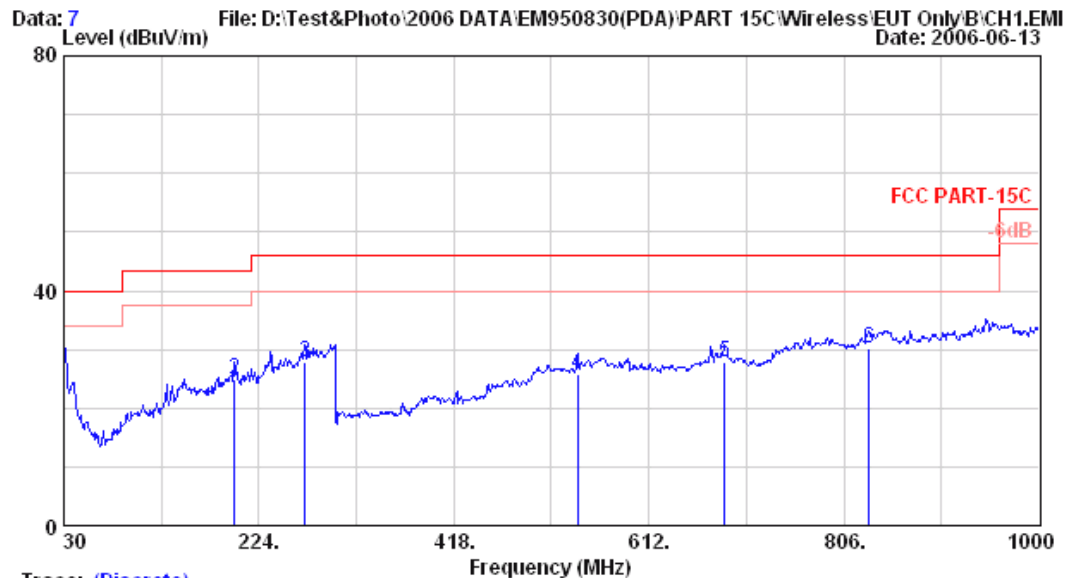
Site no. : A/C Chamber Data no. : 8  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : CH1(802.11b)  
M/N:HSTNH-L11C

|       |         | Ant.  | Cable   |          | Emission |        |        |
|-------|---------|-------|---------|----------|----------|--------|--------|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |
| (MHz) | (dB/m)  | (dB)  | (dBμV)  | (dBμV/m) | (dBμV/m) | (dB)   |        |
| 1     | 30.970  | 24.81 | 1.10    | -3.60    | 22.31    | 40.00  | 17.69  |
| 2     | 92.080  | 16.08 | 2.00    | 3.15     | 21.22    | 43.50  | 22.28  |
| 3     | 269.590 | 24.92 | 3.70    | -1.48    | 27.14    | 46.00  | 18.86  |
| 4     | 541.190 | 19.25 | 7.01    | -0.79    | 25.47    | 46.00  | 20.53  |
| 5     | 756.530 | 23.59 | 6.73    | -2.75    | 27.57    | 46.00  | 18.43  |
| 6     | 859.350 | 26.01 | 7.20    | -3.03    | 30.17    | 46.00  | 15.83  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Site no. : A/C Chamber Data no. : 7  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : CH1(802.11b)  
M/N:HSTNH-L11C

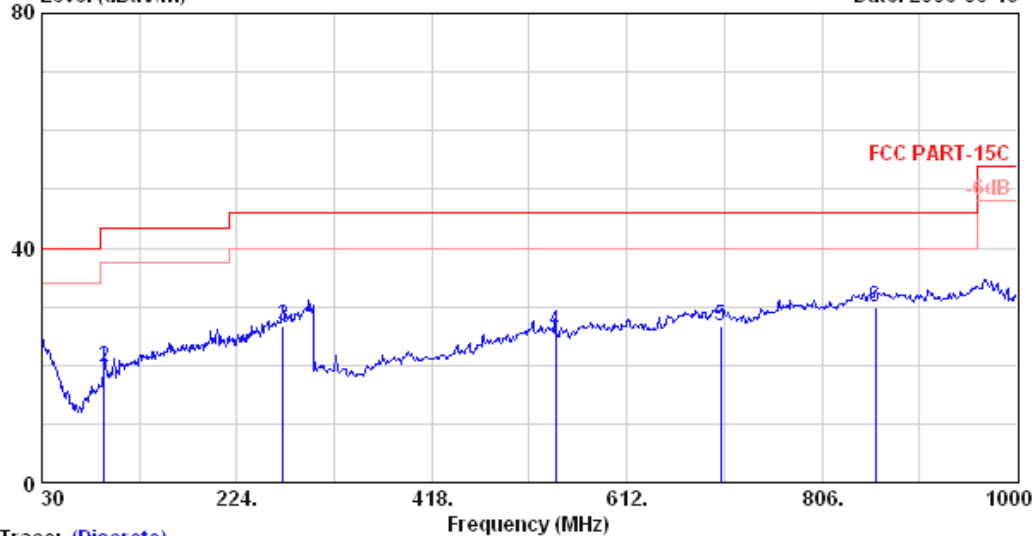
|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 30.000  | 23.60 | 1.10    | 3.08     | 27.78    | 40.00  | 12.22  |  |
| 2     | 199.750 | 22.86 | 3.00    | -0.95    | 24.91    | 43.50  | 18.59  |  |
| 3     | 269.590 | 25.91 | 3.70    | -1.75    | 27.85    | 46.00  | 18.15  |  |
| 4     | 541.190 | 20.48 | 7.01    | -1.56    | 25.93    | 46.00  | 20.07  |  |
| 5     | 687.660 | 23.56 | 6.50    | -2.23    | 27.83    | 46.00  | 18.17  |  |
| 6     | 831.220 | 26.07 | 7.10    | -2.95    | 30.22    | 46.00  | 15.78  |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 7 File: D:\Test&Photo\2006 DATA\EM950830(PDA)\PART 15C\Wireless\EUT Only\B\CH6,EMI Date: 2006-06-13



Trace: (Discrete)

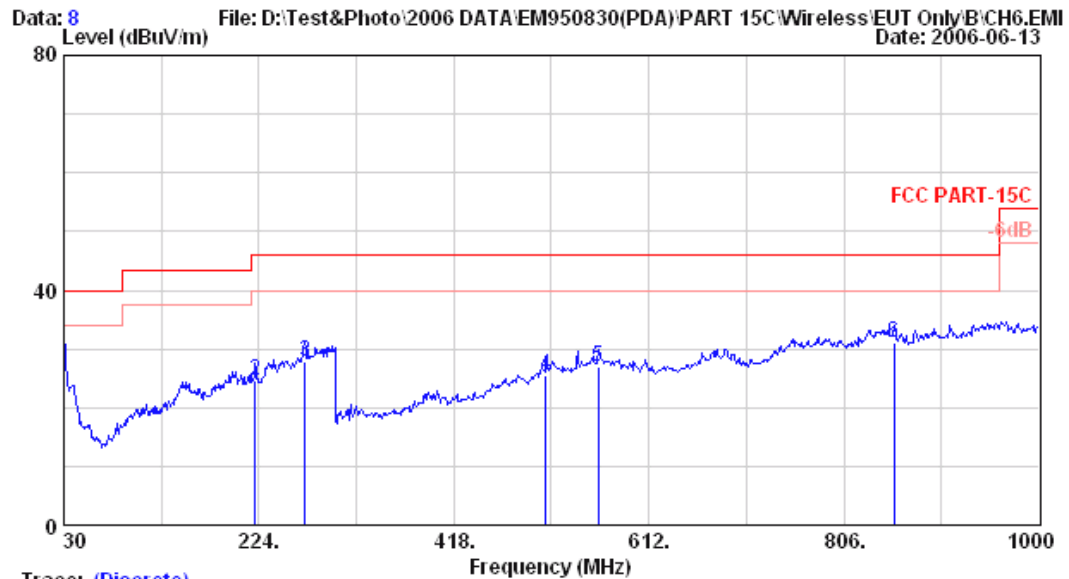
Site no. : A/C Chamber Data no. : 7  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : CH6(802.11b)  
M/N:HSTNH-L11C

|   | Freq.   | Ant.   | Cable |         | Emission |          |        |        |
|---|---------|--------|-------|---------|----------|----------|--------|--------|
|   | (MHz)   | Factor | Loss  | Reading | Level    | Limits   | Margin | Remark |
|   |         | (dB/m) | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |
| 1 | 30.000  | 24.86  | 1.10  | -4.34   | 21.62    | 40.00    | 18.38  |        |
| 2 | 92.080  | 16.08  | 2.00  | 1.69    | 19.76    | 43.50    | 23.74  |        |
| 3 | 269.590 | 24.92  | 3.70  | -1.81   | 26.81    | 46.00    | 19.19  |        |
| 4 | 541.190 | 19.25  | 7.01  | -0.60   | 25.66    | 46.00    | 20.34  |        |
| 5 | 705.120 | 23.56  | 6.60  | -3.49   | 26.67    | 46.00    | 19.33  |        |
| 6 | 859.350 | 26.01  | 7.20  | -3.40   | 29.80    | 46.00    | 16.20  |        |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Site no. : A/C Chamber Data no. : 8  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : CH6(802.11b)  
M/N:HSTNH-L11C

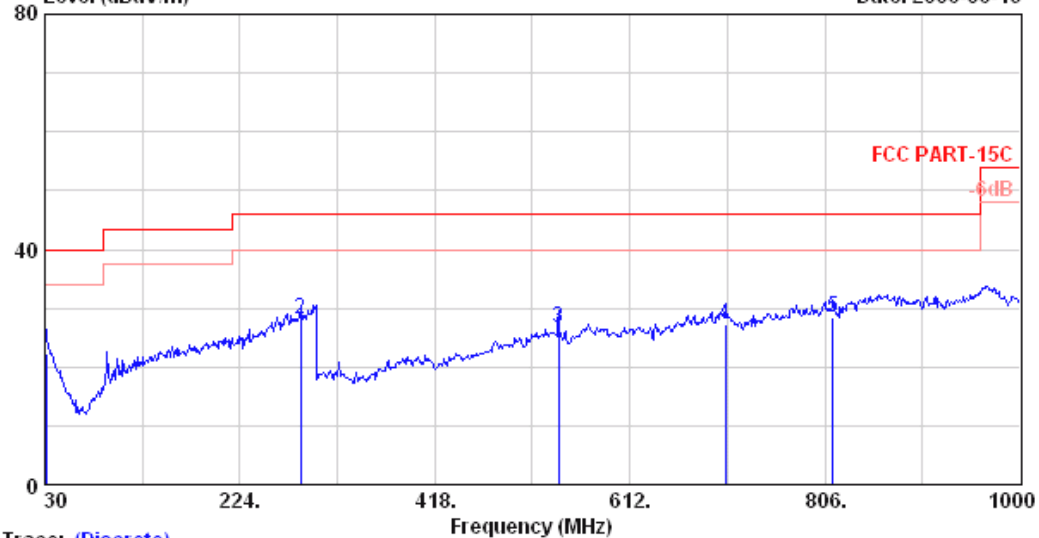
|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 30.000  | 23.60 | 1.10    | 3.53     | 28.23    | 40.00  | 11.77  |  |
| 2     | 220.120 | 22.46 | 3.30    | -1.10    | 24.66    | 46.00  | 21.34  |  |
| 3     | 269.590 | 25.91 | 3.70    | -1.64    | 27.96    | 46.00  | 18.04  |  |
| 4     | 509.180 | 20.72 | 6.80    | -2.16    | 25.36    | 46.00  | 20.64  |  |
| 5     | 561.560 | 22.08 | 6.70    | -1.88    | 26.90    | 46.00  | 19.10  |  |
| 6     | 855.470 | 25.92 | 7.10    | -1.90    | 31.12    | 46.00  | 14.88  |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 8 File: D:\Test&Photo\2006 DATA\EM950830(PDA)\PART 15C\Wireless\EUT Only\B\CH11.EM  
Level (dBuV/m) Date: 2006-06-13



Trace: (Discrete)

|              |                                           |           |              |
|--------------|-------------------------------------------|-----------|--------------|
| Site no.     | : A/C Chamber                             | Data no.  | : 8          |
| Dis. / Ant.  | : 3m VBA6106A/UHALP9108-A                 | Ant. pol. | : HORIZONTAL |
| Limit        | : FCC PART-15C                            |           |              |
| Env. / Ins.  | : 8593EM 26°C/62%                         | Engineer  | : Alvin_Yang |
| EUT          | : Personal Digital Assistant or Pocket PC |           |              |
| Power Rating | : DC 3.7V                                 |           |              |
| Test Mode    | : CH11(802.11b)                           |           |              |
|              | M/N:HSTNH-L11C                            |           |              |

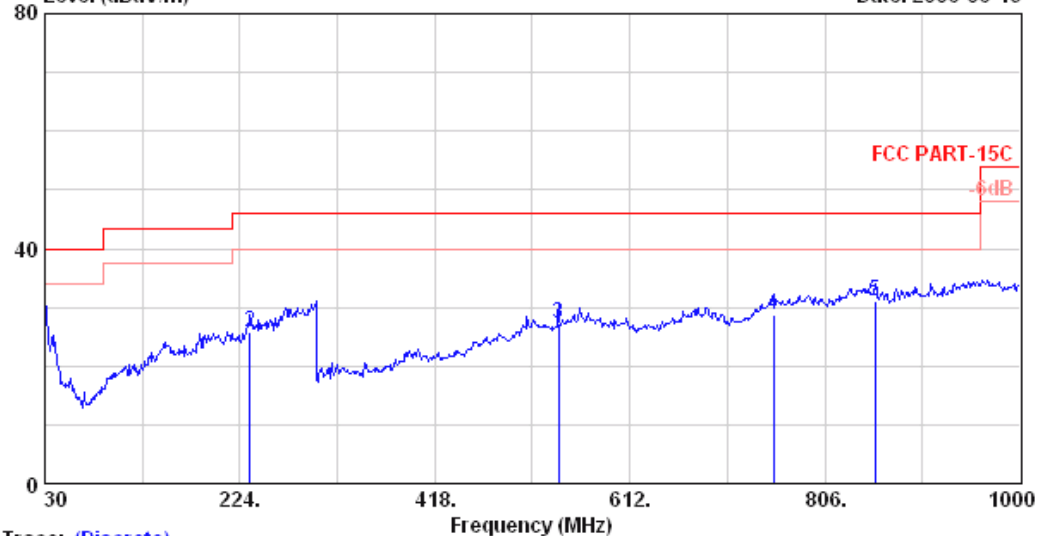
|   | Freq.   | Ant.   | Cable |         | Emission |          |        |        |
|---|---------|--------|-------|---------|----------|----------|--------|--------|
|   | (MHz)   | Factor | Loss  | Reading | Level    | Limits   | Margin | Remark |
|   |         | (dB/m) | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |
| 1 | 30.970  | 24.81  | 1.10  | -3.61   | 22.30    | 40.00    | 17.70  |        |
| 2 | 284.140 | 25.51  | 3.80  | -1.12   | 28.18    | 46.00    | 17.82  |        |
| 3 | 541.190 | 19.25  | 7.01  | 0.47    | 26.73    | 46.00    | 19.27  |        |
| 4 | 707.060 | 23.55  | 6.60  | -2.92   | 27.23    | 46.00    | 18.77  |        |
| 5 | 813.760 | 23.98  | 7.00  | -2.58   | 28.40    | 46.00    | 17.60  |        |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 7 File: D:\Test&Photo\2006 DATA\EM950830(PDA)\PART 15C\Wireless\EUT Only\B\CH11.EM Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 7  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : CH11(802.11b)  
M/N:HSTNH-L11C

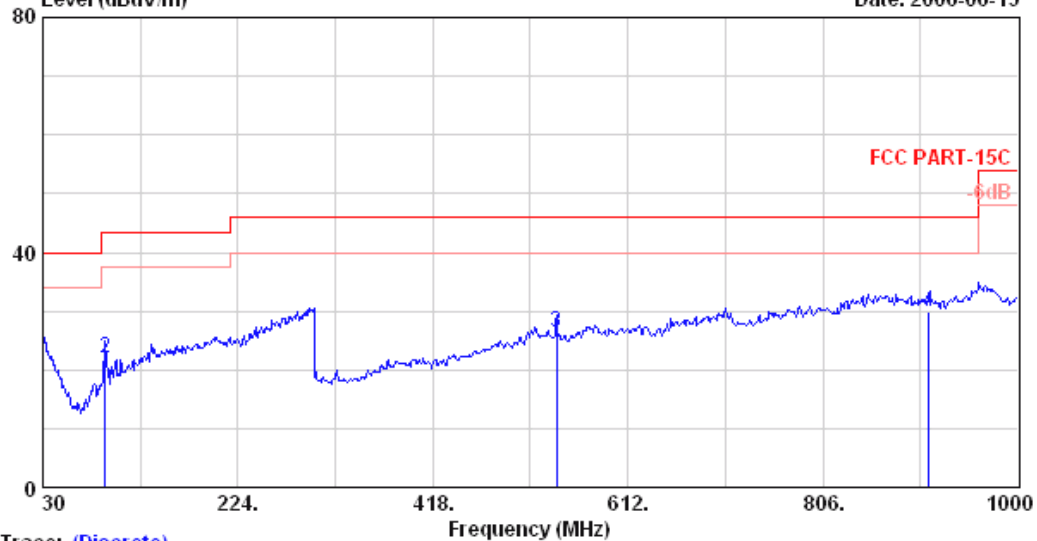
|   | Freq.   | Ant.   | Cable |         | Emission |          |        |        |
|---|---------|--------|-------|---------|----------|----------|--------|--------|
|   | (MHz)   | Factor | Loss  | Reading | Level    | Limits   | Margin | Remark |
|   |         | (dB/m) | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |
| 1 | 30.000  | 23.60  | 1.10  | 3.20    | 27.90    | 40.00    | 12.10  |        |
| 2 | 233.700 | 24.84  | 3.38  | -2.48   | 25.73    | 46.00    | 20.27  |        |
| 3 | 541.190 | 20.48  | 7.01  | -0.14   | 27.35    | 46.00    | 18.65  |        |
| 4 | 754.590 | 24.69  | 6.70  | -2.72   | 28.67    | 46.00    | 17.33  |        |
| 5 | 855.470 | 25.92  | 7.10  | -1.90   | 31.12    | 46.00    | 14.88  |        |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 8 File: D:\Test&Photo\2006 DATA\EM950830(PDA)\PART 15C\Wireless\EUT Only\B\RX.EMI ( Date: 2006-06-13



Trace: (Discrete)  
Site no. : A/C Chamber Data no. : 8  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : RX CH6(802.11b)  
M/N:HSTNH-L11C

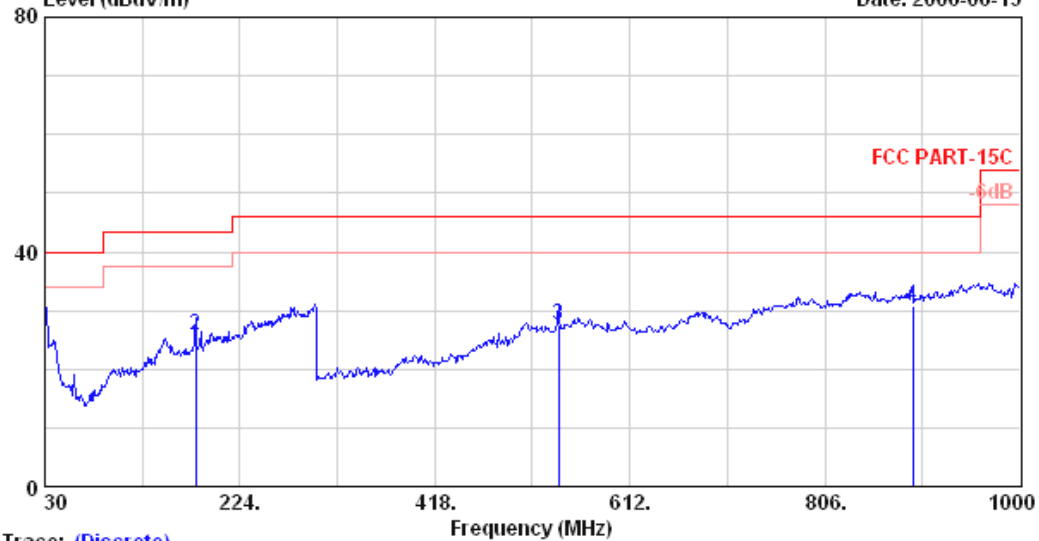
|   | Freq.   | Ant.   | Cable |         | Emission |          |        |        |
|---|---------|--------|-------|---------|----------|----------|--------|--------|
|   | (MHz)   | Factor | Loss  | Reading | Level    | Limits   | Margin | Remark |
|   |         | (dB/m) | (dB)  | (dBμV)  | (dBμV/m) | (dBμV/m) | (dB)   |        |
| 1 | 30.000  | 24.86  | 1.10  | -3.07   | 22.89    | 40.00    | 17.11  |        |
| 2 | 92.080  | 16.08  | 2.00  | 3.80    | 21.87    | 43.50    | 21.63  |        |
| 3 | 541.190 | 19.25  | 7.01  | 0.13    | 26.39    | 46.00    | 19.61  |        |
| 4 | 911.730 | 24.99  | 7.40  | -2.45   | 29.94    | 46.00    | 16.06  |        |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 7 File: D:\Test&Photo\2006 DATA\EM950830(PDA)\PART 15C\Wireless\EUT Only\B\RX.EMI ( Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 7  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : RX CH6(802.11b)  
M/N:HSTNH-L11C

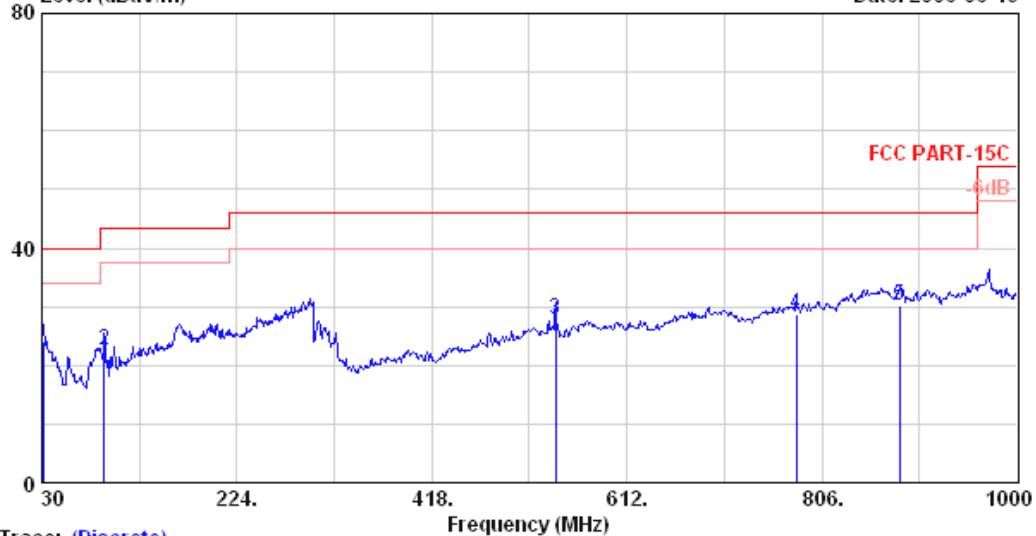
|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBμV)  | (dBμV/m) | (dBμV/m) | (dB)   |        |  |
| 1     | 30.000  | 23.60 | 1.10    | 3.34     | 28.04    | 40.00  | 11.96  |  |
| 2     | 180.350 | 21.28 | 2.90    | 1.51     | 25.69    | 43.50  | 17.81  |  |
| 3     | 541.190 | 20.48 | 7.01    | 0.19     | 27.68    | 46.00  | 18.32  |  |
| 4     | 893.300 | 25.85 | 7.30    | -2.46    | 30.70    | 46.00  | 15.30  |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 8 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Wireless\EUT+Charge\G\CH1.EMI (E Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 8  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : CH1(802.11g)  
M/N:HSTNH-L11C

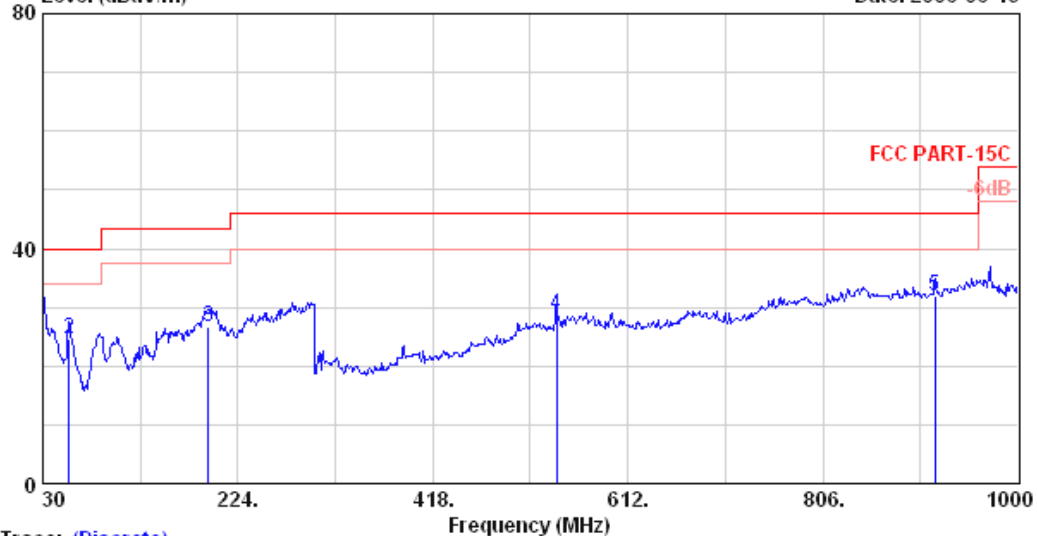
|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 30.970  | 24.81 | 1.10    | -1.86    | 24.05    | 40.00  | 15.95  |  |
| 2     | 92.080  | 16.08 | 2.00    | 4.35     | 22.42    | 43.50  | 21.08  |  |
| 3     | 541.190 | 19.25 | 7.01    | 1.56     | 27.82    | 46.00  | 18.18  |  |
| 4     | 780.780 | 24.11 | 6.80    | -2.12    | 28.79    | 46.00  | 17.21  |  |
| 5     | 883.600 | 25.27 | 7.30    | -2.30    | 30.27    | 46.00  | 15.73  |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 7 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Wireless\EUT+Charge\G\CH1.EMI (E  
Level (dBuV/m) Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 7  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : CH1(802.11g)  
M/N:HSTNH-L11C

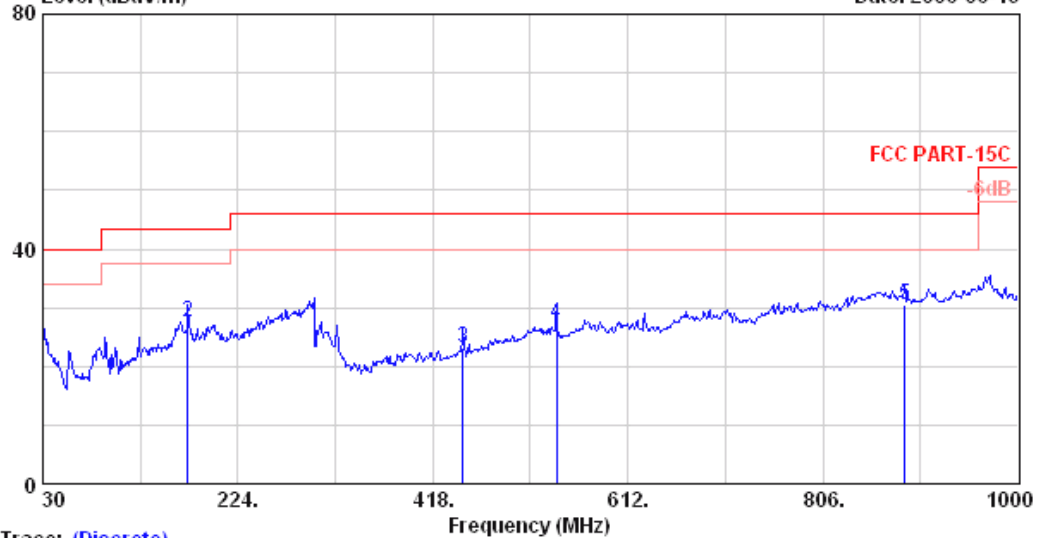
|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 30.000  | 23.60 | 1.10    | 4.30     | 29.00    | 40.00  | 11.00  |  |
| 2     | 56.190  | 14.21 | 1.60    | 8.87     | 24.68    | 40.00  | 15.32  |  |
| 3     | 194.900 | 22.42 | 3.00    | 1.17     | 26.59    | 43.50  | 16.91  |  |
| 4     | 541.190 | 20.48 | 7.01    | 1.10     | 28.59    | 46.00  | 17.41  |  |
| 5     | 917.550 | 25.67 | 7.40    | -1.23    | 31.84    | 46.00  | 14.16  |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 8 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Wireless\EUT+Charge\G\CH6.EMI (E  
Level (dBuV/m) Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 8  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : CH6(802.11g)  
M/N:HSTNH-L11C

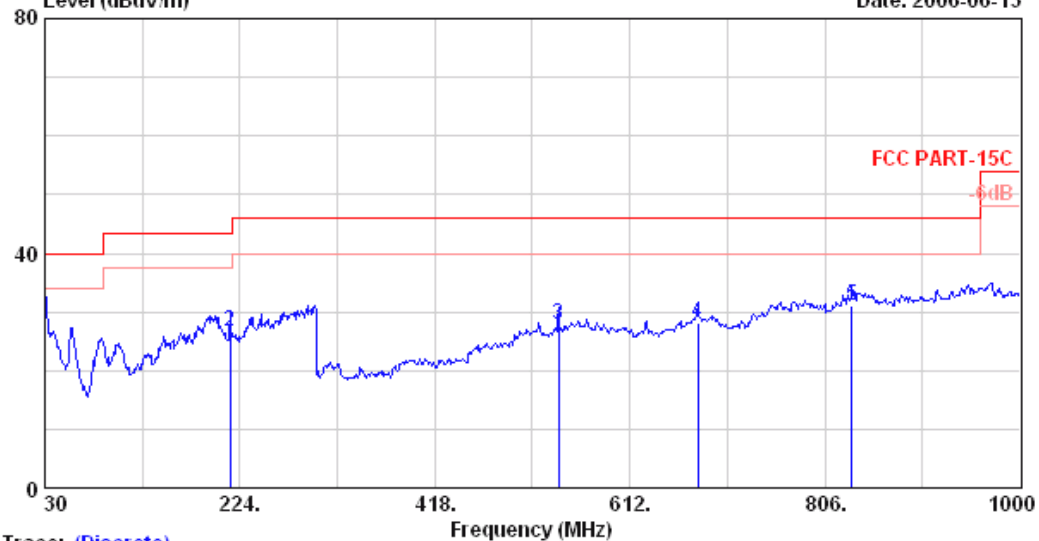
|   | Freq.   | Ant. Factor | Cable Loss | Reading | Emission Level | Limits   | Margin | Remark |
|---|---------|-------------|------------|---------|----------------|----------|--------|--------|
|   | (MHz)   | (dB/m)      | (dB)       | (dBuV)  | (dBuV/m)       | (dBuV/m) | (dB)   |        |
| 1 | 30.000  | 24.86       | 1.10       | -2.40   | 23.56          | 40.00    | 16.44  |        |
| 2 | 174.530 | 21.13       | 2.85       | 3.51    | 27.50          | 43.50    | 16.00  |        |
| 3 | 448.070 | 17.63       | 5.40       | 0.22    | 23.25          | 46.00    | 22.75  |        |
| 4 | 541.190 | 19.25       | 7.01       | 1.09    | 27.35          | 46.00    | 18.65  |        |
| 5 | 887.480 | 25.16       | 7.30       | -1.85   | 30.61          | 46.00    | 15.39  |        |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Email:ttemc@ttemc.com.tw

Data: 7 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Wireless\EUT+Charge\G\CH6.EMI (6 Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 7  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : CH6(802.11g)  
M/N:HSTNH-L11C

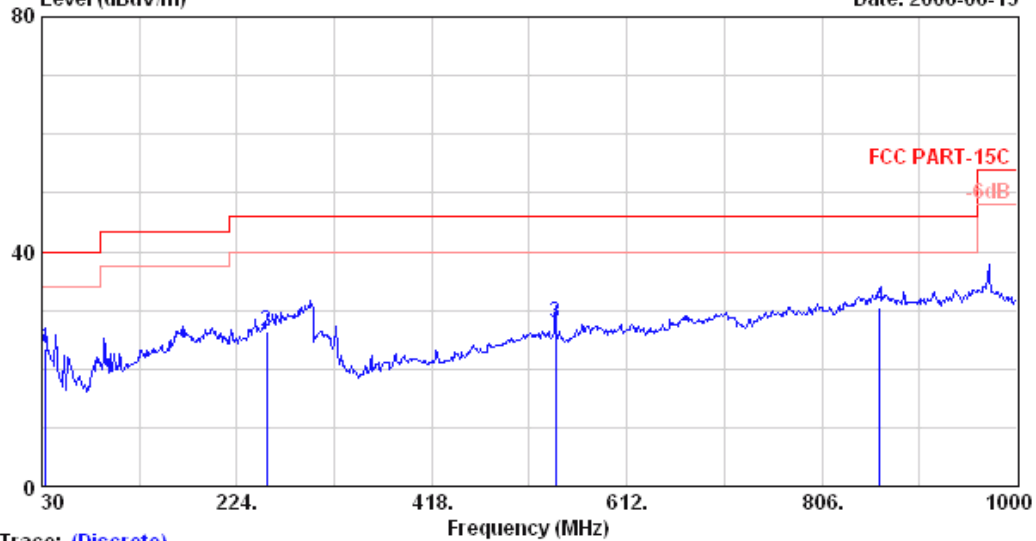
|   | Freq.   | Ant.   | Cable |         | Emission |          |        |        |
|---|---------|--------|-------|---------|----------|----------|--------|--------|
|   | (MHz)   | Factor | Loss  | Reading | Level    | Limits   | Margin | Remark |
|   |         | (dB/m) | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |
| 1 | 30.000  | 23.60  | 1.10  | 5.37    | 30.07    | 40.00    | 9.93   |        |
| 2 | 214.300 | 22.50  | 3.11  | 1.17    | 26.78    | 43.50    | 16.72  |        |
| 3 | 541.190 | 20.48  | 7.01  | 0.39    | 27.88    | 46.00    | 18.12  |        |
| 4 | 679.900 | 23.52  | 6.40  | -1.92   | 27.99    | 46.00    | 18.01  |        |
| 5 | 833.160 | 26.22  | 7.10  | -2.14   | 31.18    | 46.00    | 14.82  |        |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 7 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Wireless\EUT+Charge\G\CH11.EMI Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 7  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : CH11(802.11g)  
M/N:HSTNH-L11C

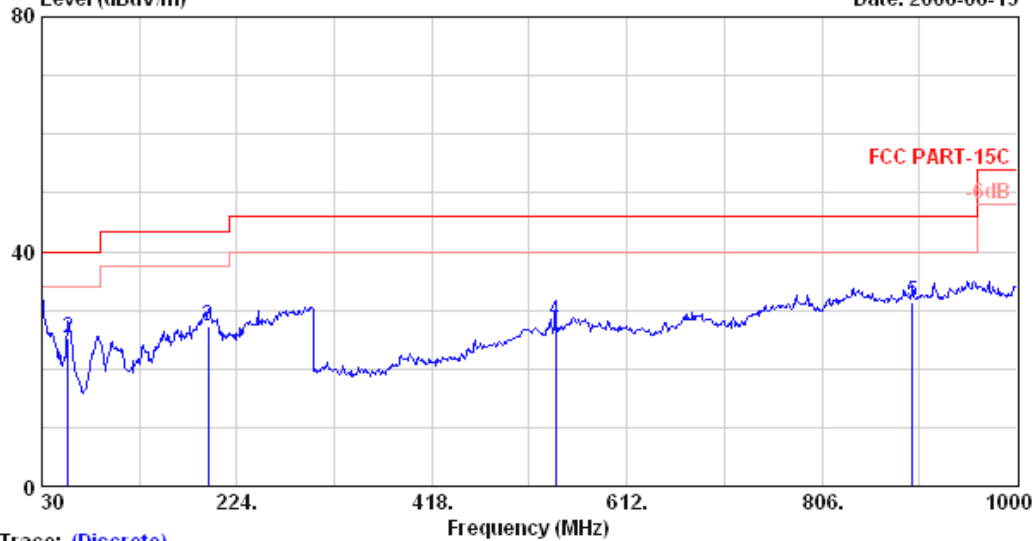
|       |         | Ant.  | Cable   |          | Emission |        |        |
|-------|---------|-------|---------|----------|----------|--------|--------|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |
| (MHz) | (dB/m)  | (dB)  | (dBμV)  | (dBμV/m) | (dBμV/m) | (dB)   |        |
| 1     | 33.880  | 23.12 | 1.10    | -0.76    | 23.46    | 40.00  | 16.54  |
| 2     | 254.070 | 24.13 | 3.60    | -1.42    | 26.31    | 46.00  | 19.69  |
| 3     | 541.190 | 19.25 | 7.01    | 1.46     | 27.72    | 46.00  | 18.28  |
| 4     | 863.230 | 26.09 | 7.20    | -2.95    | 30.34    | 46.00  | 15.66  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 8 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Wireless\EUT+Charge\G\CH11.EMI Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 8  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : CH11(802.11g)  
M/N:HSTNH-L11C

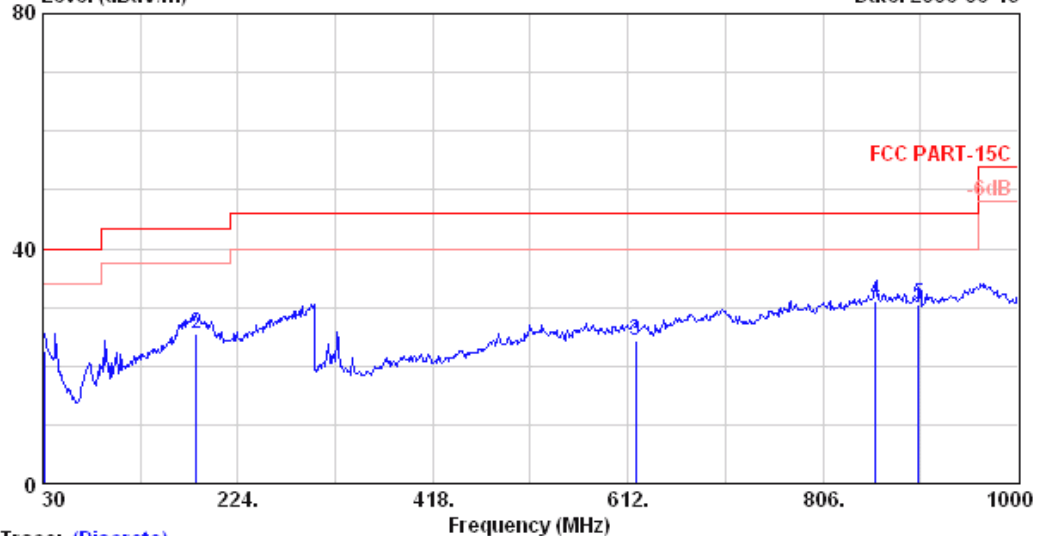
|       |         | Ant.  | Cable   |          | Emission |        |        |
|-------|---------|-------|---------|----------|----------|--------|--------|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |
| (MHz) | (dB/m)  | (dB)  | (dBμV)  | (dBμV/m) | (dBμV/m) | (dB)   |        |
| 1     | 30.000  | 23.60 | 1.10    | 4.19     | 28.89    | 40.00  | 11.11  |
| 2     | 56.190  | 14.21 | 1.60    | 9.33     | 25.14    | 40.00  | 14.86  |
| 3     | 195.870 | 22.50 | 3.00    | 1.74     | 27.24    | 43.50  | 16.26  |
| 4     | 541.190 | 20.48 | 7.01    | 0.65     | 28.14    | 46.00  | 17.86  |
| 5     | 896.210 | 25.88 | 7.30    | -1.97    | 31.22    | 46.00  | 14.78  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 8 File: D:\Test&Photo\2006 DATA\EM950830(PDA)\PART 15C\Wireless\EUT+Charge\G\RX.El Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 8  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : RX CH6(802.11g)  
M/N:HSTNH-L11C

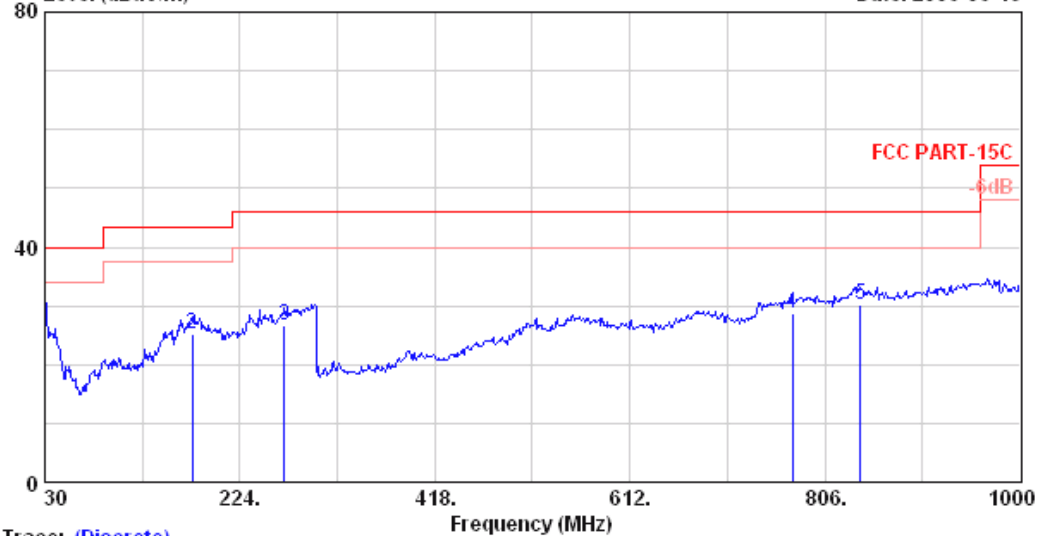
|   | Freq.   | Ant.   | Cable |         | Emission |          |        |        |
|---|---------|--------|-------|---------|----------|----------|--------|--------|
|   | (MHz)   | Factor | Loss  | Reading | Level    | Limits   | Margin | Remark |
|   |         | (dB/m) | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |
| 1 | 30.970  | 24.81  | 1.10  | -3.27   | 22.64    | 40.00    | 17.36  |        |
| 2 | 182.290 | 21.33  | 2.90  | 1.39    | 25.61    | 43.50    | 17.89  |        |
| 3 | 619.760 | 21.35  | 6.20  | -3.12   | 24.43    | 46.00    | 21.57  |        |
| 4 | 858.380 | 25.98  | 7.20  | -2.06   | 31.11    | 46.00    | 14.89  |        |
| 5 | 901.060 | 24.95  | 7.40  | -1.92   | 30.42    | 46.00    | 15.58  |        |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 7 File: D:\Test&Photo\2006 DATA\EM950830(PDA)\PART 15C\Wireless\EUT+Charge\G\RX.El Date: 2006-06-13



Trace: (Discrete)

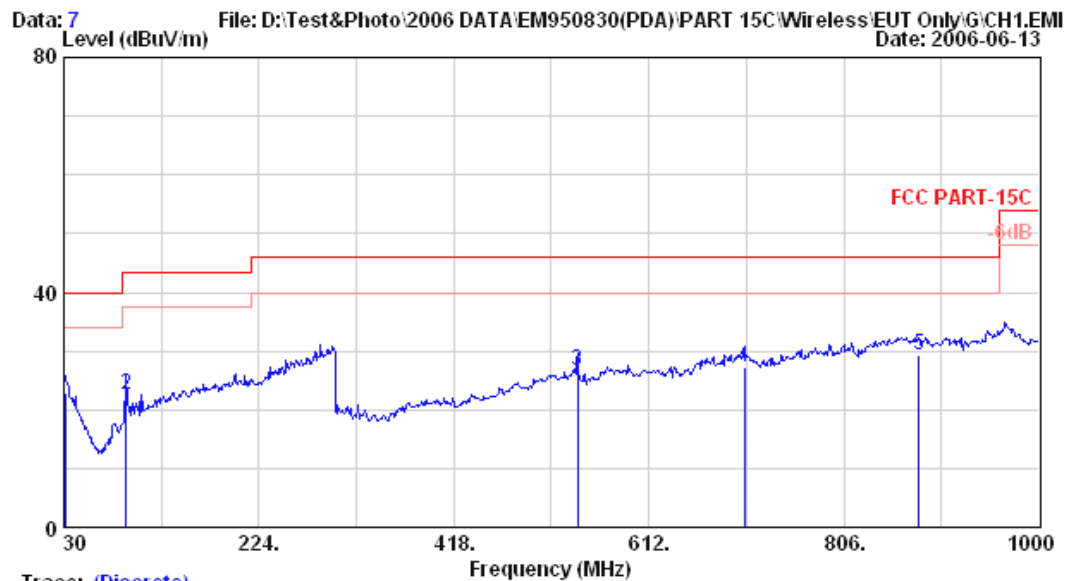
Site no. : A/C Chamber Data no. : 7  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : RX CH6(802.11g)  
M/N:HSTNH-L11C

|   | Freq.   | Ant.   | Cable |         | Emission |          |        |        |
|---|---------|--------|-------|---------|----------|----------|--------|--------|
|   | (MHz)   | Factor | Loss  | Reading | Level    | Limits   | Margin | Remark |
|   |         | (dB/m) | (dB)  | (dBμV)  | (dBμV/m) | (dBμV/m) | (dB)   |        |
| 1 | 30.000  | 23.60  | 1.10  | 3.08    | 27.78    | 40.00    | 12.22  |        |
| 2 | 176.470 | 20.66  | 2.90  | 1.50    | 25.06    | 43.50    | 18.44  |        |
| 3 | 268.620 | 26.04  | 3.70  | -3.14   | 26.61    | 46.00    | 19.39  |        |
| 4 | 773.990 | 25.23  | 6.80  | -3.21   | 28.82    | 46.00    | 17.18  |        |
| 5 | 840.920 | 26.62  | 7.10  | -3.48   | 30.24    | 46.00    | 15.76  |        |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Site no. : A/C Chamber Data no. : 7  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : CH1(802.11g)  
M/N:HSTNH-L11C

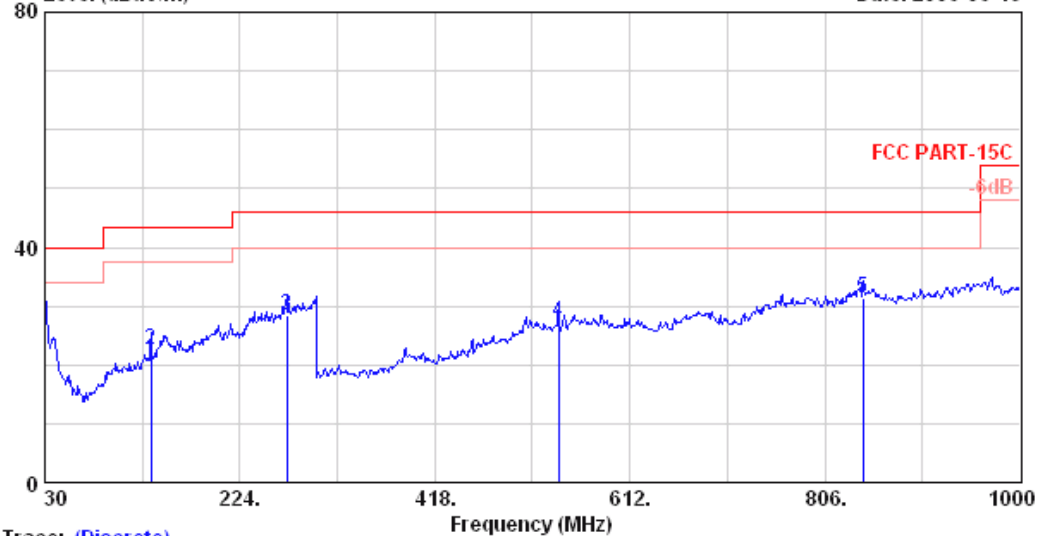
|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 30.970  | 24.81 | 1.10    | -3.12    | 22.79    | 40.00  | 17.21  |  |
| 2     | 92.080  | 16.08 | 2.00    | 4.58     | 22.65    | 43.50  | 20.85  |  |
| 3     | 541.190 | 19.25 | 7.01    | 0.47     | 26.73    | 46.00  | 19.27  |  |
| 4     | 707.060 | 23.55 | 6.60    | -2.92    | 27.23    | 46.00  | 18.77  |  |
| 5     | 880.690 | 25.34 | 7.30    | -3.27    | 29.37    | 46.00  | 16.63  |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 8 File: D:\Test&Photo\2006 DATA\EM950830(PDA)\PART 15C\Wireless\EUT Only\G\CH1.EMI Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 8  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : CH1(802.11g)  
M/N:HSTNH-L11C

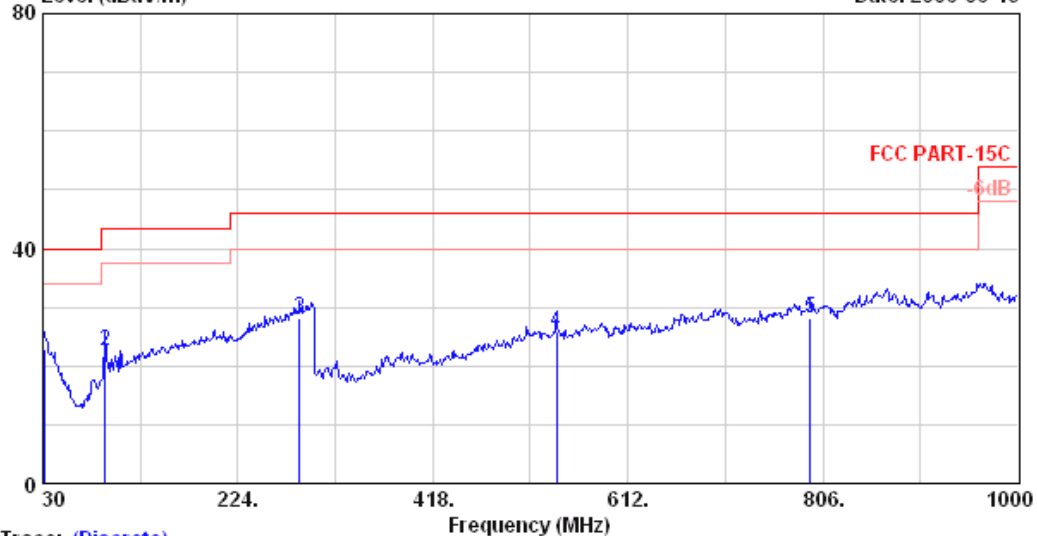
|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 30.000  | 23.60 | 1.10    | 3.69     | 28.39    | 40.00  | 11.61  |  |
| 2     | 135.730 | 19.30 | 2.40    | 0.81     | 22.51    | 43.50  | 20.99  |  |
| 3     | 270.560 | 25.82 | 3.70    | -1.00    | 28.51    | 46.00  | 17.49  |  |
| 4     | 541.190 | 20.48 | 7.01    | -0.21    | 27.28    | 46.00  | 18.72  |  |
| 5     | 843.830 | 26.62 | 7.10    | -2.50    | 31.22    | 46.00  | 14.78  |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 8 File: D:\Test&Photo\2006 DATA\EM950830(PDA)\PART 15C\Wireless\EUT Only\G\CH6.EMI Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 8  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : CH6(802.11g)  
M/N:HSTNH-L11C

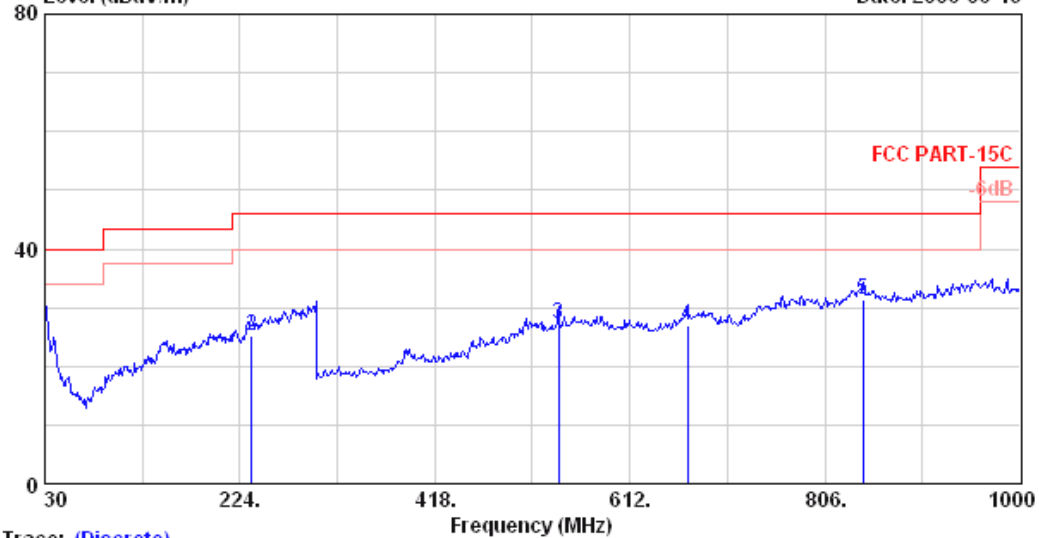
|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 30.970  | 24.81 | 1.10    | -3.12    | 22.79    | 40.00  | 17.21  |  |
| 2     | 92.080  | 16.08 | 2.00    | 4.58     | 22.65    | 43.50  | 20.85  |  |
| 3     | 285.110 | 25.54 | 3.80    | -1.35    | 28.00    | 46.00  | 18.00  |  |
| 4     | 541.190 | 19.25 | 7.01    | -0.51    | 25.75    | 46.00  | 20.25  |  |
| 5     | 793.390 | 23.98 | 6.90    | -2.62    | 28.26    | 46.00  | 17.74  |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 7 File: D:\Test&Photo\2006 DATA\EM950830(PDA)\PART 15C\Wireless\EUT Only\G\CH6.EMI  
Level (dBuV/m) Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 7  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : CH6(802.11g)  
M/N:HSTNH-L11C

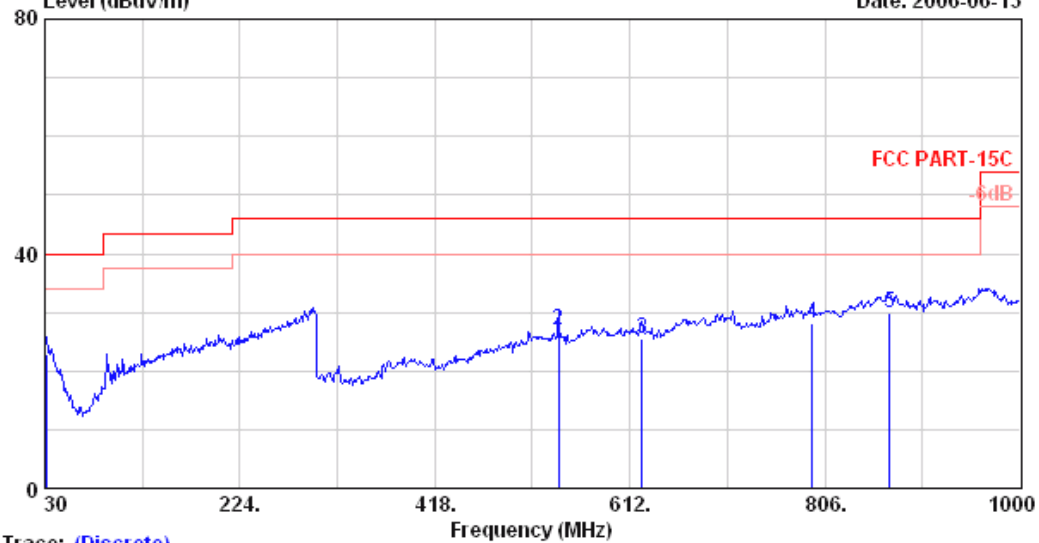
|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 30.000  | 23.60 | 1.10    | 3.05     | 27.75    | 40.00  | 12.25  |  |
| 2     | 235.640 | 24.64 | 3.40    | -2.73    | 25.31    | 46.00  | 20.69  |  |
| 3     | 541.190 | 20.48 | 7.01    | -0.21    | 27.28    | 46.00  | 18.72  |  |
| 4     | 669.230 | 22.76 | 6.40    | -2.28    | 26.88    | 46.00  | 19.12  |  |
| 5     | 843.830 | 26.62 | 7.10    | -2.50    | 31.22    | 46.00  | 14.78  |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 7 File: D:\Test&Photo\2006 DATA\EM950830(PDA)\PART 15C\Wireless\EUT Only\G\CH11.EM Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 7  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : CH11(802.11g)  
M/N:HSTNH-L11C

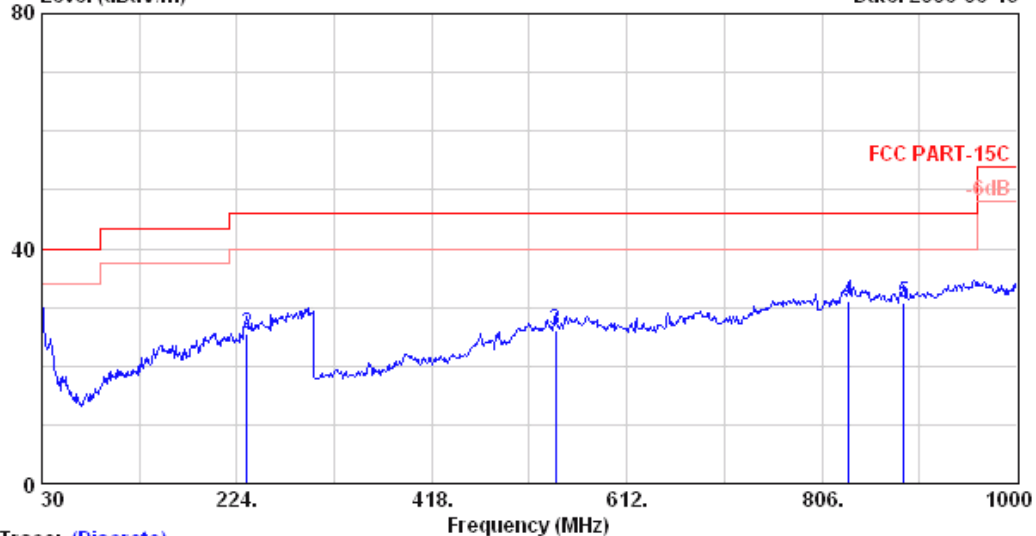
|   | Freq.   | Ant.   | Cable |         | Emission |          |        |        |
|---|---------|--------|-------|---------|----------|----------|--------|--------|
|   | (MHz)   | Factor | Loss  | Reading | Level    | Limits   | Margin | Remark |
|   |         | (dB/m) | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |
| 1 | 30.970  | 24.81  | 1.10  | -3.05   | 22.86    | 40.00    | 17.14  |        |
| 2 | 541.190 | 19.25  | 7.01  | 0.80    | 27.06    | 46.00    | 18.94  |        |
| 3 | 623.640 | 21.32  | 6.20  | -2.02   | 25.50    | 46.00    | 20.50  |        |
| 4 | 793.390 | 23.98  | 6.90  | -2.62   | 28.26    | 46.00    | 17.74  |        |
| 5 | 870.020 | 25.71  | 7.20  | -2.93   | 29.98    | 46.00    | 16.02  |        |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 8 File: D:\Test&Photo\2006 DATA\EM950830(PDA)\PART 15C\Wireless\EUT Only\G\CH11.EM  
Level (dBuV/m) Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 8  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : CH11(802.11g)  
M/N:HSTNH-L11C

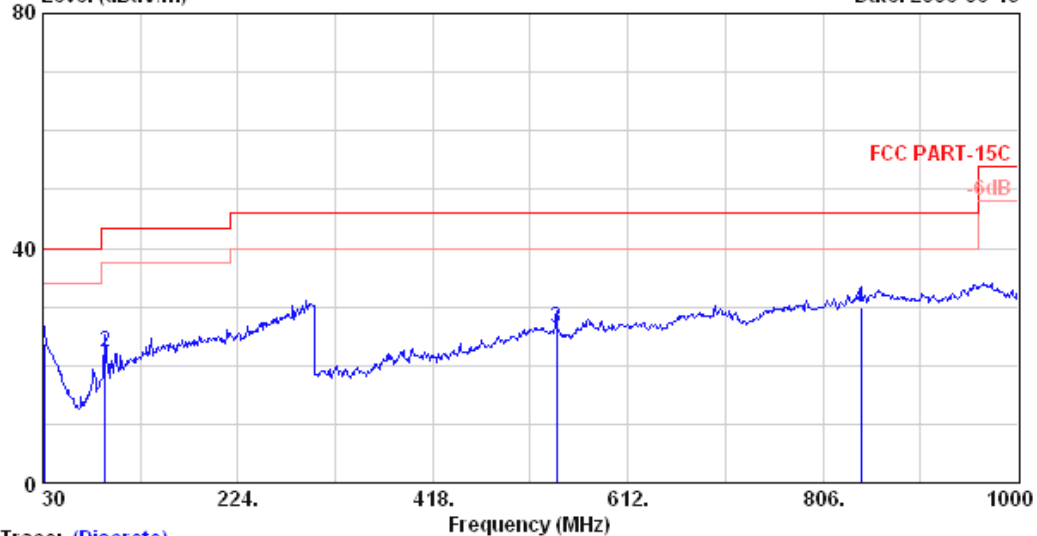
|   |         | Ant.   | Cable |         | Emission |          |        |        |
|---|---------|--------|-------|---------|----------|----------|--------|--------|
|   | Freq.   | Factor | Loss  | Reading | Level    | Limits   | Margin | Remark |
|   | (MHz)   | (dB/m) | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |
| 1 | 30.000  | 23.60  | 1.10  | 2.88    | 27.58    | 40.00    | 12.42  |        |
| 2 | 233.700 | 24.84  | 3.38  | -2.68   | 25.54    | 46.00    | 20.46  |        |
| 3 | 541.190 | 20.48  | 7.01  | -1.37   | 26.12    | 46.00    | 19.88  |        |
| 4 | 833.160 | 26.22  | 7.10  | -2.38   | 30.94    | 46.00    | 15.06  |        |
| 5 | 887.480 | 25.68  | 7.30  | -2.22   | 30.76    | 46.00    | 15.24  |        |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 7 File: D:\Test&Photo\2006 DATA\EM950830(PDA)\PART 15C\Wireless\EUT Only\G\RX.EMI ( Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 7  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : RX CH6(802.11g)  
M/N:HSTNH-L11C

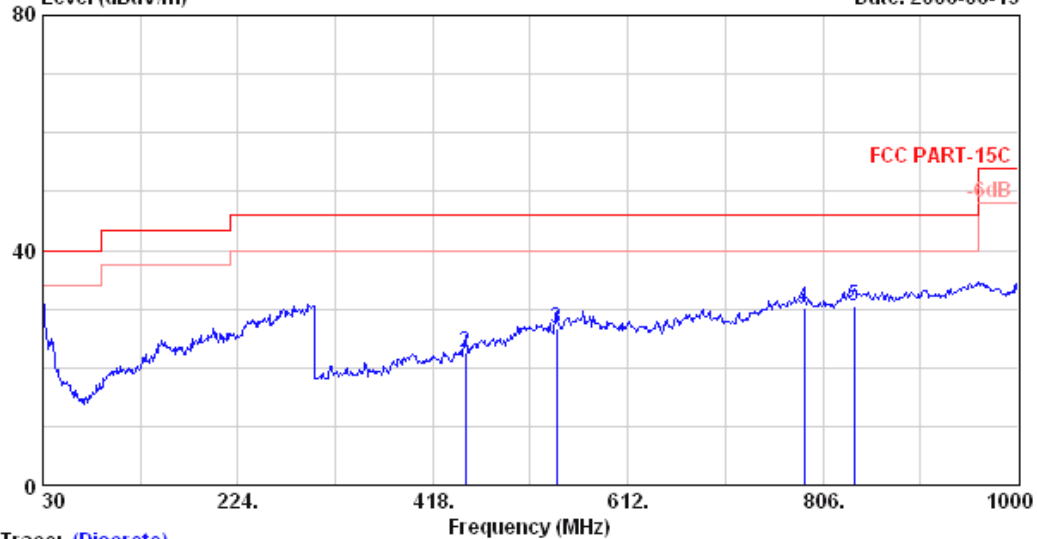
|   | Freq.   | Ant.   | Cable |         | Emission |          |        |        |
|---|---------|--------|-------|---------|----------|----------|--------|--------|
|   | (MHz)   | Factor | Loss  | Reading | Level    | Limits   | Margin | Remark |
|   |         | (dB/m) | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |
| 1 | 30.970  | 24.81  | 1.10  | -2.21   | 23.70    | 40.00    | 16.30  |        |
| 2 | 92.080  | 16.08  | 2.00  | 4.26    | 22.33    | 43.50    | 21.17  |        |
| 3 | 541.190 | 19.25  | 7.01  | 0.04    | 26.30    | 46.00    | 19.70  |        |
| 4 | 843.830 | 25.23  | 7.10  | -2.34   | 29.99    | 46.00    | 16.01  |        |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 8 File: D:\Test&Photo\2006 DATA\EM950830(PDA)\PART 15C\Wireless\EUT Only\GRX.EMI ( Date: 2006-06-13



Trace: (Discrete)  
Site no. : A/C Chamber Data no. : 8  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : RX CH6(802.11g)  
M/N:HSTNH-L11C

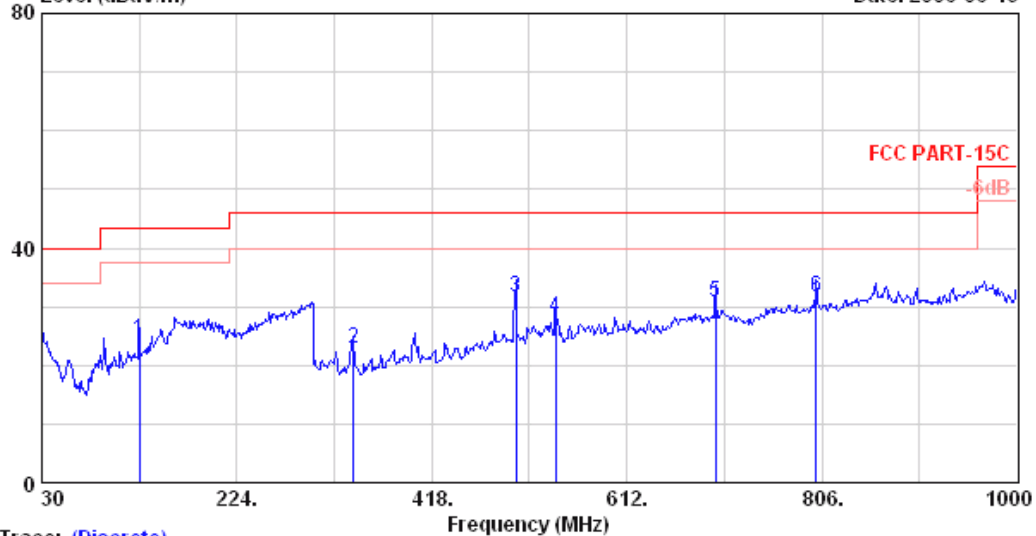
|   |         | Ant.   | Cable |         | Emission |          |        |        |
|---|---------|--------|-------|---------|----------|----------|--------|--------|
|   | Freq.   | Factor | Loss  | Reading | Level    | Limits   | Margin | Remark |
|   | (MHz)   | (dB/m) | (dB)  | (dBμV)  | (dBμV/m) | (dBμV/m) | (dB)   |        |
| 1 | 30.000  | 23.60  | 1.10  | 3.53    | 28.23    | 40.00    | 11.77  |        |
| 2 | 450.010 | 17.51  | 5.40  | -0.30   | 22.61    | 46.00    | 23.39  |        |
| 3 | 541.190 | 20.48  | 7.01  | -0.80   | 26.69    | 46.00    | 19.31  |        |
| 4 | 787.570 | 25.44  | 6.90  | -2.24   | 30.10    | 46.00    | 15.90  |        |
| 5 | 837.040 | 26.47  | 7.10  | -3.14   | 30.43    | 46.00    | 15.57  |        |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 10 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Bluetooth\EUT+Charge\CH0.EMI (10  
Level (dBuV/m) Date: 2006-06-13



Trace: (Discrete)

|              |                                           |           |              |
|--------------|-------------------------------------------|-----------|--------------|
| Site no.     | : A/C Chamber                             | Data no.  | : 10         |
| Dis. / Ant.  | : 3m VBA6106A/UHALP9108-A                 | Ant. pol. | : HORIZONTAL |
| Limit        | : FCC PART-15C                            |           |              |
| Env. / Ins.  | : 8593EM 26°C/62%                         | Engineer  | : Alvin_Yang |
| EUT          | : Personal Digital Assistant or Pocket PC |           |              |
| Power Rating | : 120Vac/60Hz                             |           |              |
| Test Mode    | : CH0                                     |           |              |
|              | M/N:HSTNH-L11C                            |           |              |

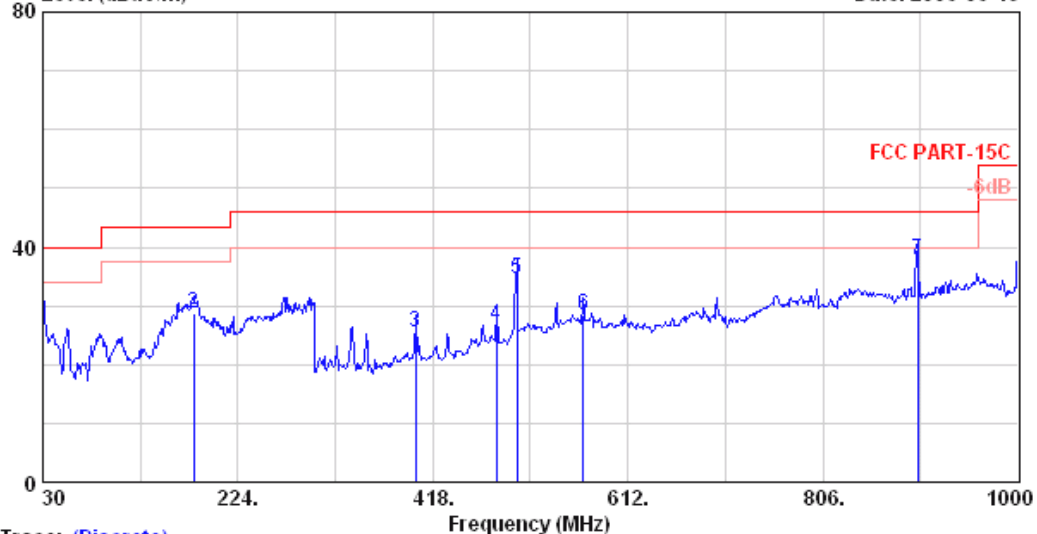
|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 127.000 | 19.56 | 2.40    | 2.34     | 24.30    | 43.50  | 19.20  |  |
| 2     | 340.400 | 15.08 | 4.30    | 3.62     | 23.00    | 46.00  | 23.00  |  |
| 3     | 501.420 | 18.95 | 6.52    | 6.04     | 31.52    | 46.00  | 14.48  |  |
| 4     | 541.190 | 19.25 | 7.01    | 1.85     | 28.11    | 46.00  | 17.89  |  |
| 5     | 700.270 | 23.46 | 6.50    | 0.83     | 30.79    | 46.00  | 15.21  |  |
| 6     | 800.180 | 24.14 | 6.90    | 0.64     | 31.67    | 46.00  | 14.33  |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 9 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Bluetooth\EUT+Charge\CH0.EMI (10 Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 9  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : CH0  
M/N:HSTNH-L11C

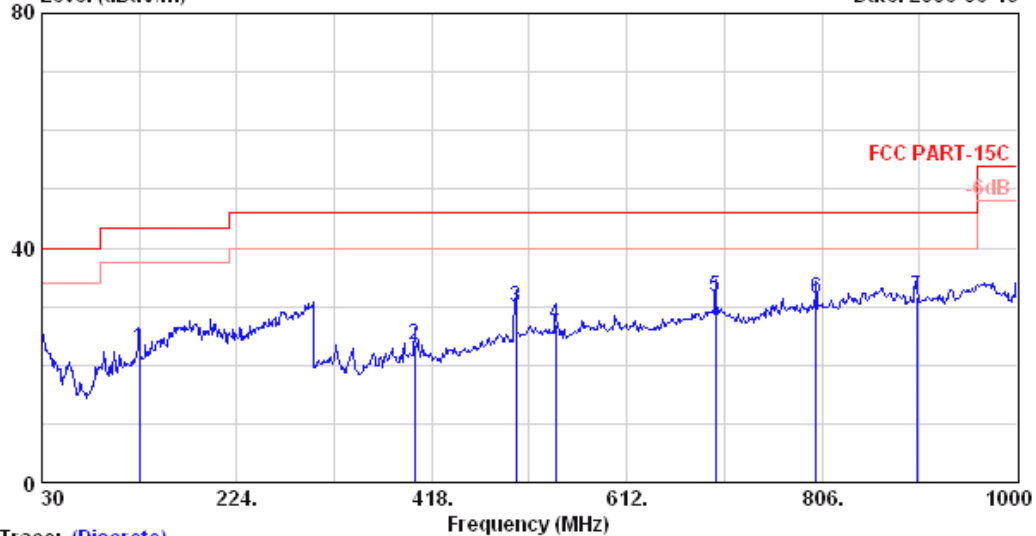
|       |         | Ant.   | Cable |         | Emission |          |        |        |
|-------|---------|--------|-------|---------|----------|----------|--------|--------|
| Freq. |         | Factor | Loss  | Reading | Level    | Limits   | Margin | Remark |
| (MHz) |         | (dB/m) | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |
| 1     | 30.000  | 23.60  | 1.10  | 3.32    | 28.02    | 40.00    | 11.98  |        |
| 2     | 180.350 | 21.28  | 2.90  | 4.51    | 28.69    | 43.50    | 14.81  |        |
| 3     | 400.540 | 17.58  | 4.80  | 3.19    | 25.57    | 46.00    | 20.43  |        |
| 4     | 481.050 | 18.93  | 6.10  | 1.56    | 26.58    | 46.00    | 19.42  |        |
| 5     | 501.420 | 19.91  | 6.52  | 8.26    | 34.69    | 46.00    | 11.31  |        |
| 6     | 567.380 | 22.08  | 6.50  | -0.14   | 28.44    | 46.00    | 17.56  |        |
| 7     | 900.090 | 25.83  | 7.37  | 4.61    | 37.81    | 46.00    | 8.19   |        |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 9 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Bluetooth\EUT+Charge\CH39.EMI (1)  
Level (dBuV/m) Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 9  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : CH39  
M/N:HSTNH-L11C

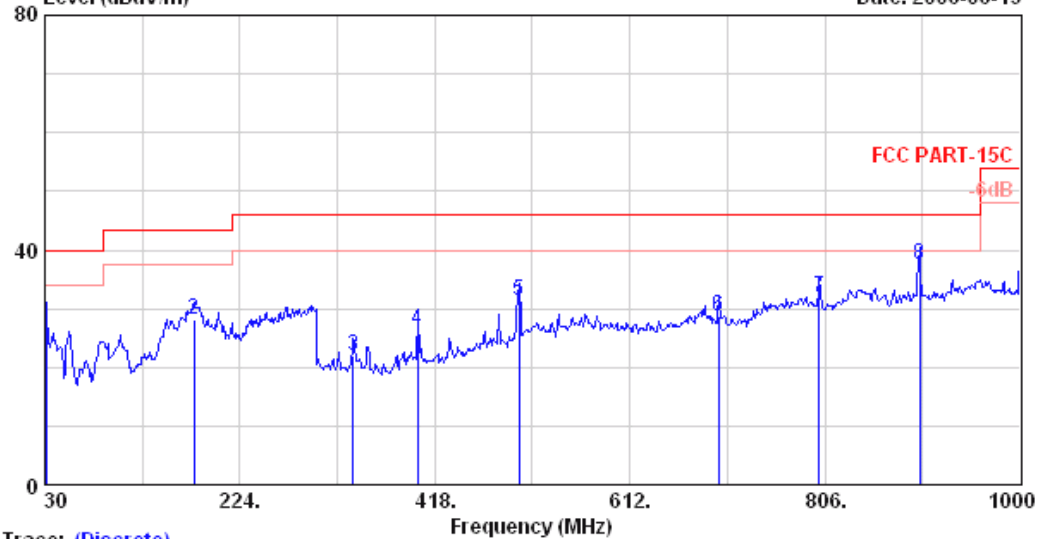
|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 127.000 | 19.56 | 2.40    | 0.98     | 22.94    | 43.50  | 20.56  |  |
| 2     | 400.540 | 17.66 | 4.80    | 0.84     | 23.30    | 46.00  | 22.70  |  |
| 3     | 501.420 | 18.95 | 6.52    | 4.41     | 29.89    | 46.00  | 16.11  |  |
| 4     | 541.190 | 19.25 | 7.01    | 0.64     | 26.90    | 46.00  | 19.10  |  |
| 5     | 700.270 | 23.46 | 6.50    | 1.70     | 31.66    | 46.00  | 14.34  |  |
| 6     | 800.180 | 24.14 | 6.90    | 0.38     | 31.41    | 46.00  | 14.59  |  |
| 7     | 900.090 | 24.96 | 7.37    | -0.60    | 31.73    | 46.00  | 14.27  |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 10 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Bluetooth\EUT+Charge\CH39.EMI (1 Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 10  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : CH39  
M/N:HSTNH-L11C

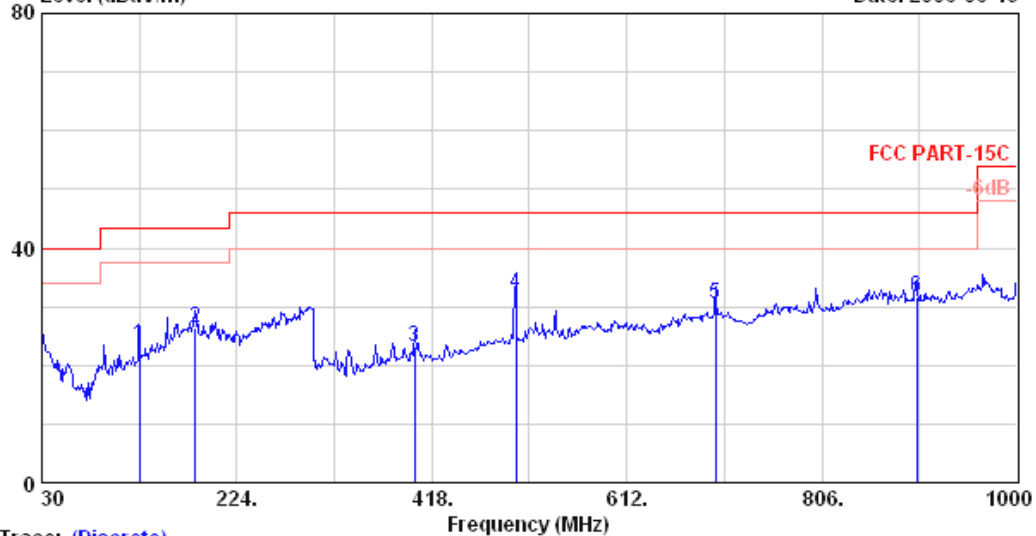
|   |         | Ant.   | Cable |         | Emission |          |        |        |
|---|---------|--------|-------|---------|----------|----------|--------|--------|
|   | Freq.   | Factor | Loss  | Reading | Level    | Limits   | Margin | Remark |
|   | (MHz)   | (dB/m) | (dB)  | (dBμV)  | (dBμV/m) | (dBμV/m) | (dB)   |        |
| 1 | 30.970  | 23.39  | 1.10  | 4.61    | 29.10    | 40.00    | 10.90  |        |
| 2 | 178.410 | 21.00  | 2.90  | 4.23    | 28.13    | 43.50    | 15.37  |        |
| 3 | 336.520 | 15.54  | 4.20  | 2.30    | 22.04    | 46.00    | 23.96  |        |
| 4 | 400.540 | 17.58  | 4.80  | 3.93    | 26.31    | 46.00    | 19.69  |        |
| 5 | 501.420 | 19.91  | 6.52  | 4.94    | 31.37    | 46.00    | 14.63  |        |
| 6 | 700.270 | 22.64  | 6.50  | -0.31   | 28.84    | 46.00    | 17.16  |        |
| 7 | 800.180 | 24.81  | 6.90  | 0.34    | 32.06    | 46.00    | 13.94  |        |
| 8 | 900.090 | 25.83  | 7.37  | 4.21    | 37.41    | 46.00    | 8.59   |        |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 10 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Bluetooth\EUT+Charge\CH78.EMI (1)  
Level (dBuV/m) Date: 2006-06-13



Trace: (Discrete)  
Site no. : A/C Chamber Data no. : 10  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : CH78  
M/N:HSTNH-L11C

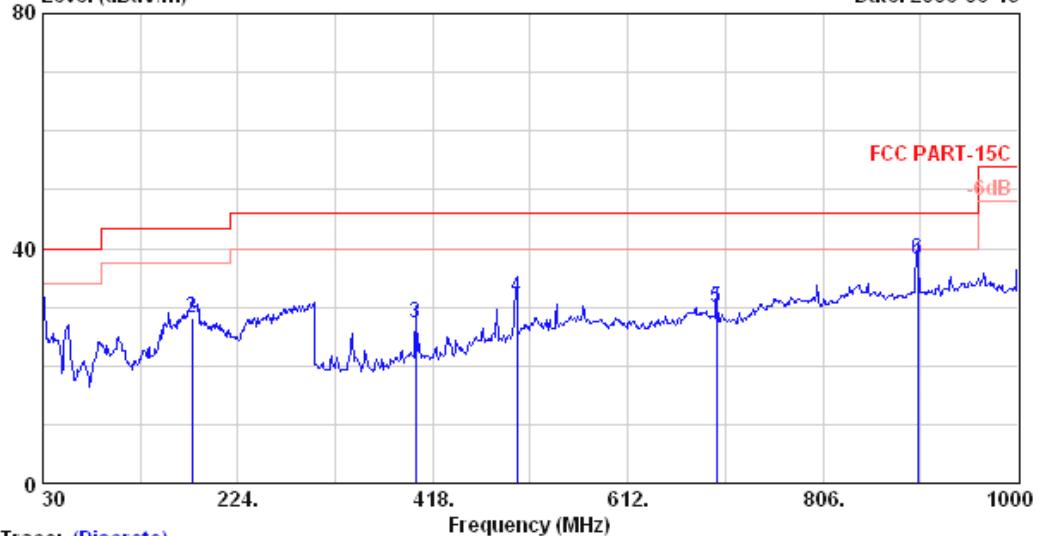
|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 127.000 | 19.56 | 2.40    | 1.62     | 23.58    | 43.50  | 19.92  |  |
| 2     | 182.290 | 21.33 | 2.90    | 2.04     | 26.26    | 43.50  | 17.24  |  |
| 3     | 400.540 | 17.66 | 4.80    | 0.55     | 23.01    | 46.00  | 22.99  |  |
| 4     | 501.420 | 18.95 | 6.52    | 6.82     | 32.30    | 46.00  | 13.70  |  |
| 5     | 700.270 | 23.46 | 6.50    | 0.48     | 30.44    | 46.00  | 15.56  |  |
| 6     | 900.090 | 24.96 | 7.37    | -0.65    | 31.68    | 46.00  | 14.32  |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 9 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Bluetooth\EUT+Charge\CH78.EMI (1)  
Level (dBuV/m) Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 9  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : CH78  
M/N:HSTNH-L11C

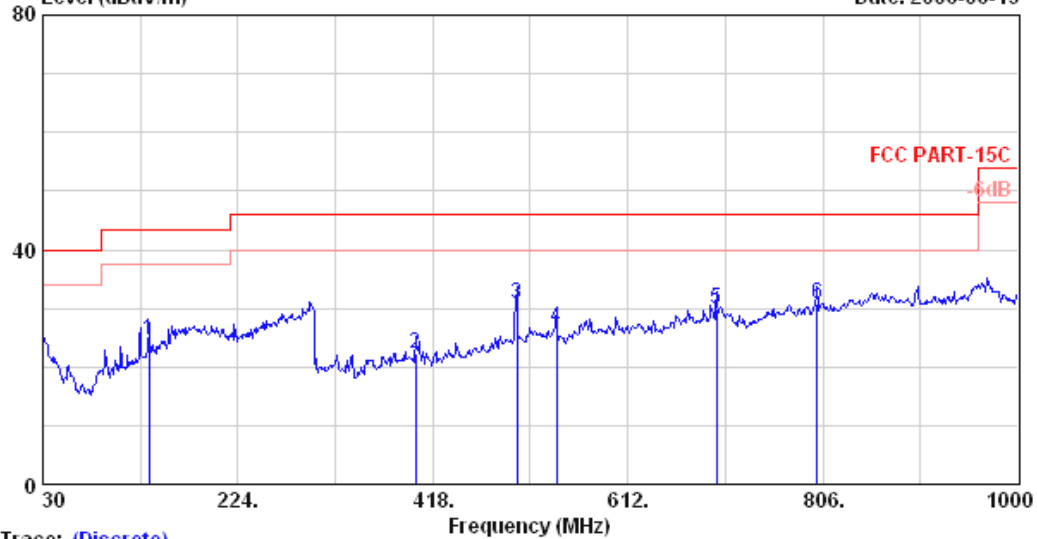
|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 30.000  | 23.60 | 1.10    | 4.63     | 29.33    | 40.00  | 10.67  |  |
| 2     | 178.410 | 21.00 | 2.90    | 4.38     | 28.28    | 43.50  | 15.22  |  |
| 3     | 400.540 | 17.58 | 4.80    | 4.88     | 27.26    | 46.00  | 18.74  |  |
| 4     | 501.420 | 19.91 | 6.52    | 5.20     | 31.63    | 46.00  | 14.37  |  |
| 5     | 700.270 | 22.64 | 6.50    | 0.87     | 30.02    | 46.00  | 15.98  |  |
| 6     | 900.090 | 25.83 | 7.37    | 4.84     | 38.04    | 46.00  | 7.96   |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 9 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Bluetooth\EUT+Charge\RX,EMI (10) Date: 2006-06-13



Trace: (Discrete)  
Site no. : A/C Chamber Data no. : 9  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : RX (CH78)  
M/N: HSTNH-L11C

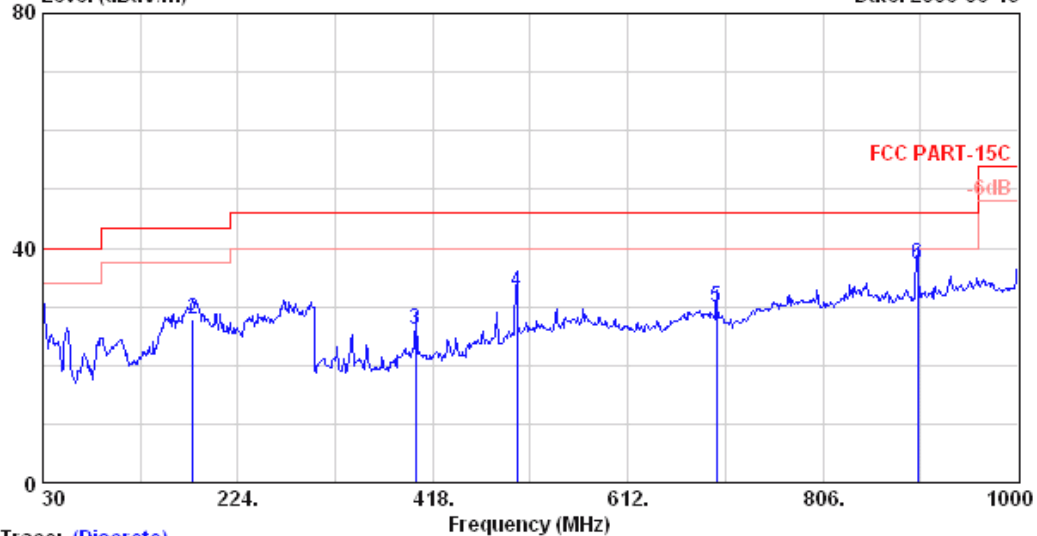
|   | Freq.   | Ant.   | Cable |         | Emission |          |        |        |
|---|---------|--------|-------|---------|----------|----------|--------|--------|
|   | (MHz)   | Factor | Loss  | Reading | Level    | Limits   | Margin | Remark |
|   |         | (dB/m) | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |
| 1 | 135.730 | 19.95  | 2.40  | 2.20    | 24.55    | 43.50    | 18.95  |        |
| 2 | 400.540 | 17.66  | 4.80  | -0.14   | 22.32    | 46.00    | 23.68  |        |
| 3 | 501.420 | 18.95  | 6.52  | 5.37    | 30.85    | 46.00    | 15.15  |        |
| 4 | 541.190 | 19.25  | 7.01  | 0.40    | 26.66    | 46.00    | 19.34  |        |
| 5 | 700.270 | 23.46  | 6.50  | -0.02   | 29.94    | 46.00    | 16.06  |        |
| 6 | 800.180 | 24.14  | 6.90  | -0.35   | 30.68    | 46.00    | 15.32  |        |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Email:ttemc@ttemc.com.tw

Data: 10 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Bluetooth\EUT+Charge\RX,EMI (10)  
Level (dBuV/m) Date: 2006-06-13



Trace: (Discrete)

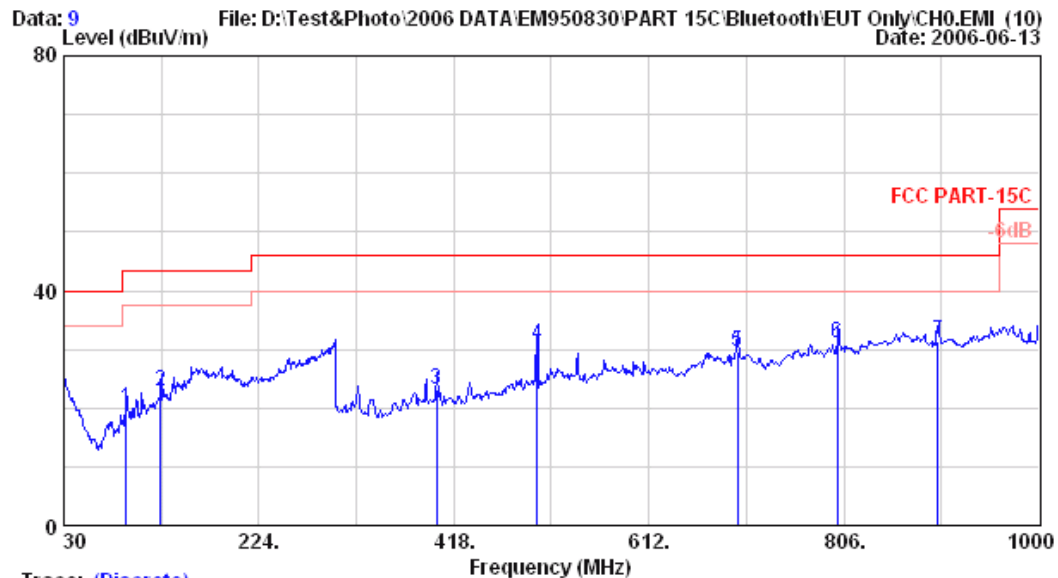
Site no. : A/C Chamber Data no. : 10  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : 120Vac/60Hz  
Test Mode : RX(CH78)  
M/N:HSTNH-L11C

|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 30.000  | 23.60 | 1.10    | 3.20     | 27.90    | 40.00  | 12.10  |  |
| 2     | 179.380 | 21.10 | 2.90    | 3.94     | 27.94    | 43.50  | 15.56  |  |
| 3     | 400.540 | 17.58 | 4.80    | 3.66     | 26.04    | 46.00  | 19.96  |  |
| 4     | 501.420 | 19.91 | 6.52    | 5.96     | 32.39    | 46.00  | 13.61  |  |
| 5     | 700.270 | 22.64 | 6.50    | 0.71     | 29.86    | 46.00  | 16.14  |  |
| 6     | 900.090 | 25.83 | 7.37    | 3.96     | 37.16    | 46.00  | 8.84   |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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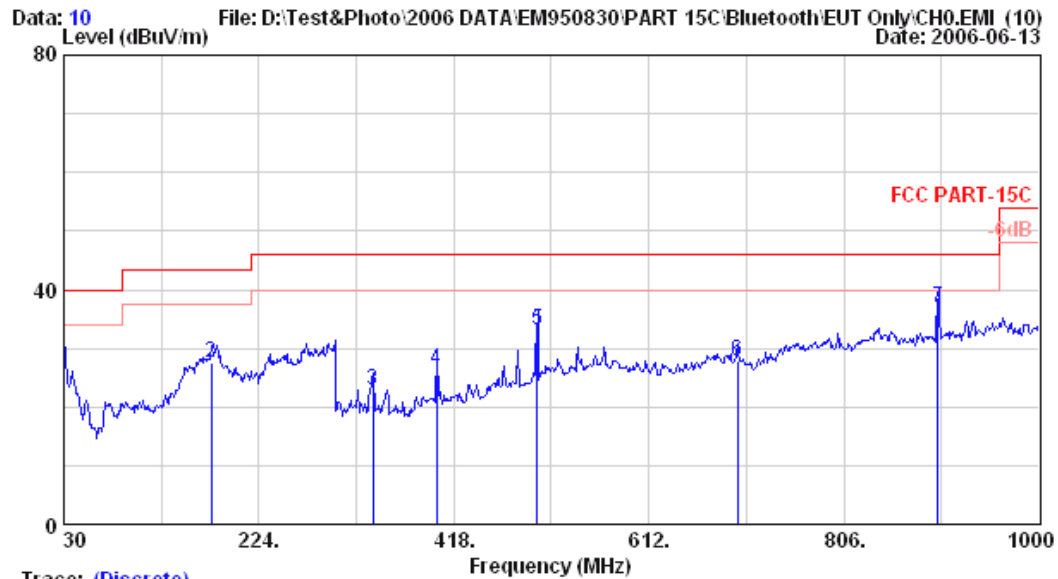
Site no. : A/C Chamber Data no. : 9  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : CH0  
M/N:HSTNH-L11C

|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 91.830  | 16.08 | 2.00    | 1.94     | 20.01    | 43.50  | 23.49  |  |
| 2     | 126.390 | 19.49 | 2.38    | 0.98     | 22.85    | 43.50  | 20.65  |  |
| 3     | 400.800 | 17.66 | 4.80    | 0.70     | 23.16    | 46.00  | 22.84  |  |
| 4     | 500.900 | 18.87 | 6.50    | 5.28     | 30.66    | 46.00  | 15.34  |  |
| 5     | 700.400 | 23.46 | 6.50    | -0.23    | 29.73    | 46.00  | 16.27  |  |
| 6     | 799.800 | 24.14 | 6.90    | 0.07     | 31.10    | 46.00  | 14.90  |  |
| 7     | 899.900 | 24.96 | 7.37    | -0.87    | 31.46    | 46.00  | 14.54  |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Site no. : A/C Chamber Data no. : 10  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : CH0  
M/N:HSTNH-L11C

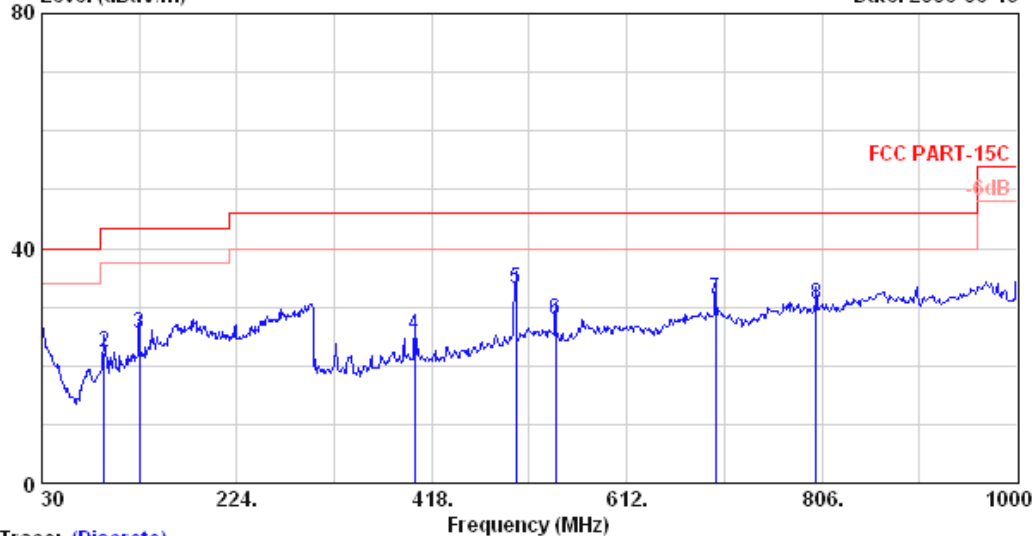
|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 30.000  | 23.60 | 1.10    | 3.07     | 27.77    | 40.00  | 12.23  |  |
| 2     | 176.340 | 20.66 | 2.90    | 3.86     | 27.42    | 43.50  | 16.08  |  |
| 3     | 337.800 | 15.53 | 4.20    | 3.10     | 22.83    | 46.00  | 23.17  |  |
| 4     | 400.800 | 17.58 | 4.80    | 4.14     | 26.52    | 46.00  | 19.48  |  |
| 5     | 500.900 | 19.77 | 6.50    | 6.94     | 33.20    | 46.00  | 12.80  |  |
| 6     | 700.400 | 22.64 | 6.50    | -1.31    | 27.84    | 46.00  | 18.16  |  |
| 7     | 899.900 | 25.83 | 7.37    | 3.78     | 36.98    | 46.00  | 9.02   |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 10 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Bluetooth\EUT Only\CH39.EMI (10) Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 10  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : CH39  
M/N: HSTNH-L11C

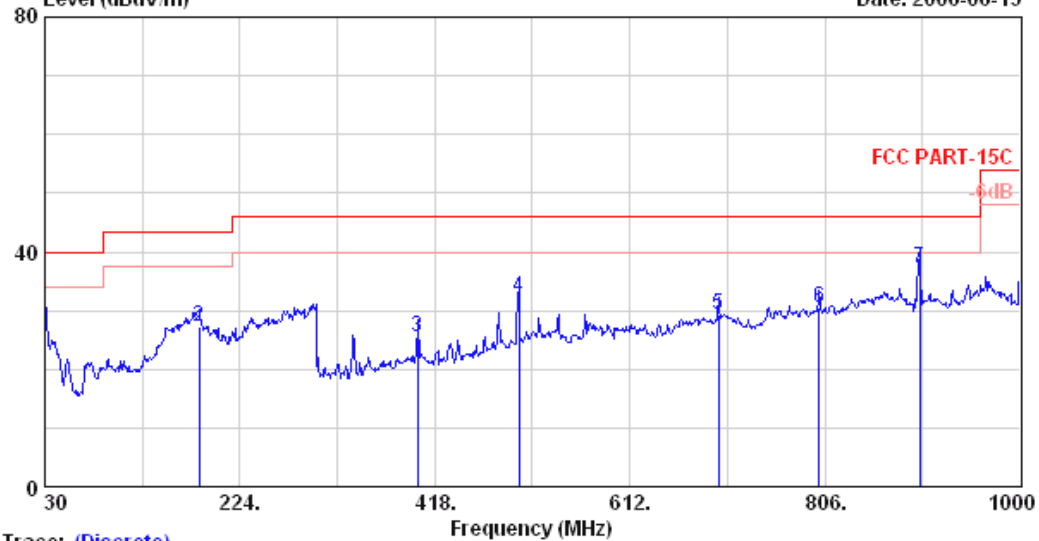
|   |         | Ant.   | Cable |         | Emission |          |        |        |
|---|---------|--------|-------|---------|----------|----------|--------|--------|
|   | Freq.   | Factor | Loss  | Reading | Level    | Limits   | Margin | Remark |
|   | (MHz)   | (dB/m) | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |
| 1 | 30.000  | 24.86  | 1.10  | -1.37   | 24.59    | 40.00    | 15.41  |        |
| 2 | 92.080  | 16.08  | 2.00  | 4.23    | 22.30    | 43.50    | 21.20  |        |
| 3 | 127.000 | 19.56  | 2.40  | 3.55    | 25.51    | 43.50    | 17.99  |        |
| 4 | 400.540 | 17.66  | 4.80  | 2.79    | 25.25    | 46.00    | 20.75  |        |
| 5 | 501.420 | 18.95  | 6.52  | 7.56    | 33.04    | 46.00    | 12.96  |        |
| 6 | 541.190 | 19.25  | 7.01  | 1.49    | 27.75    | 46.00    | 18.25  |        |
| 7 | 700.270 | 23.46  | 6.50  | 1.50    | 31.46    | 46.00    | 14.54  |        |
| 8 | 800.180 | 24.14  | 6.90  | -0.49   | 30.54    | 46.00    | 15.46  |        |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Email:ttemc@ttemc.com.tw

Data: 9 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Bluetooth\EUT Only\CH39.EMI (10) Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 9  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : CH39  
M/N:HSTNH-L11C

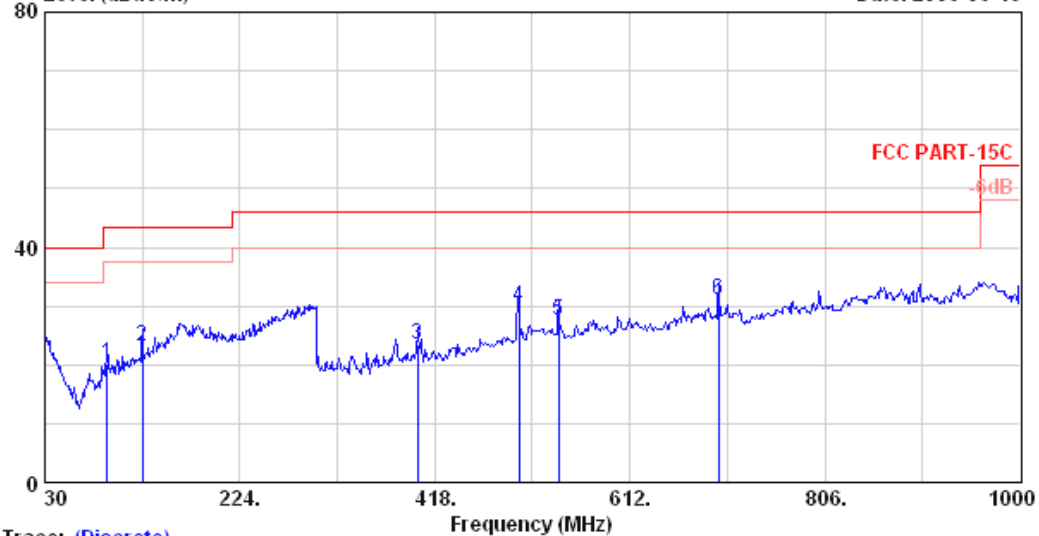
|       |         | Ant.  | Cable   |          | Emission |        |        |
|-------|---------|-------|---------|----------|----------|--------|--------|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |
| 1     | 30.000  | 23.60 | 1.10    | 3.18     | 27.88    | 40.00  | 12.12  |
| 2     | 183.260 | 21.70 | 2.90    | 2.58     | 27.18    | 43.50  | 16.32  |
| 3     | 400.540 | 17.58 | 4.80    | 3.17     | 25.55    | 46.00  | 20.45  |
| 4     | 501.420 | 19.91 | 6.52    | 5.74     | 32.18    | 46.00  | 13.82  |
| 5     | 700.270 | 22.64 | 6.50    | 0.09     | 29.23    | 46.00  | 16.77  |
| 6     | 800.180 | 24.81 | 6.90    | -1.28    | 30.43    | 46.00  | 15.57  |
| 7     | 900.090 | 25.83 | 7.37    | 3.94     | 37.14    | 46.00  | 8.86   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 9 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Bluetooth\EUT Only\CH78.EMI (10) Date: 2006-06-13



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 9  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : CH78  
M/N:HSTNH-L11C

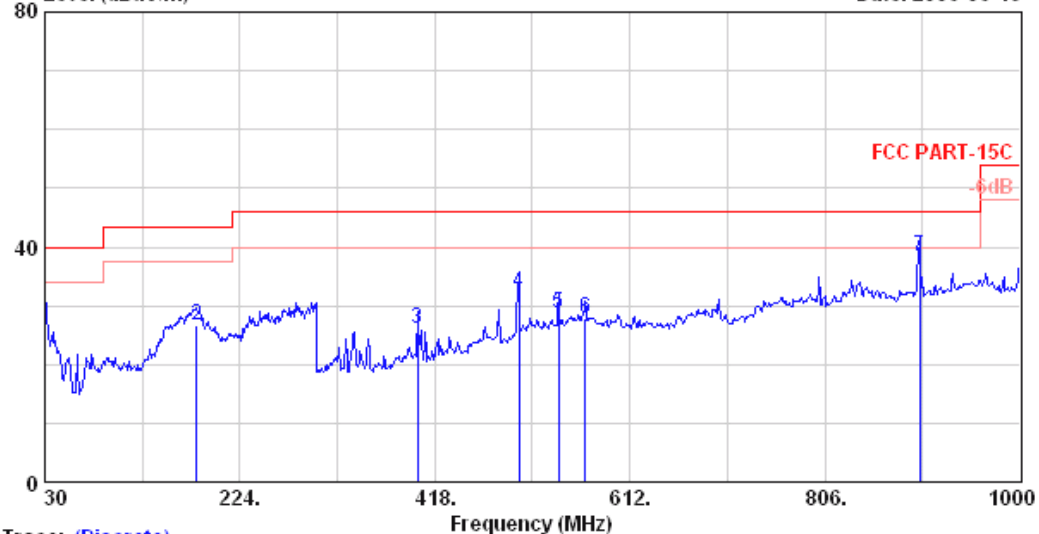
|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 92.080  | 16.08 | 2.00    | 2.15     | 20.22    | 43.50  | 23.28  |  |
| 2     | 127.000 | 19.56 | 2.40    | 1.05     | 23.01    | 43.50  | 20.49  |  |
| 3     | 400.540 | 17.66 | 4.80    | 1.03     | 23.49    | 46.00  | 22.51  |  |
| 4     | 501.420 | 18.95 | 6.52    | 4.36     | 29.84    | 46.00  | 16.16  |  |
| 5     | 541.190 | 19.25 | 7.01    | 1.42     | 27.68    | 46.00  | 18.32  |  |
| 6     | 700.270 | 23.46 | 6.50    | 1.10     | 31.06    | 46.00  | 14.94  |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Data: 10 File: D:\Test&Photo\2006 DATA\EM950830\PART 15C\Bluetooth\EUT Only\CH78.EMI (10) Date: 2006-06-13



Trace: (Discrete)

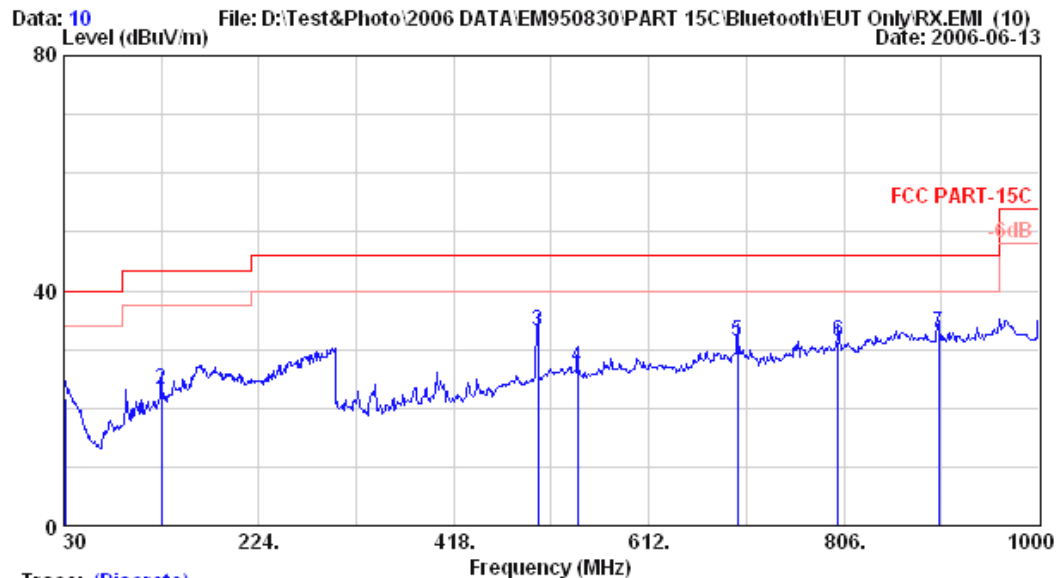
Site no. : A/C Chamber Data no. : 10  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : CH78  
M/N:HSTNH-L11C

|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 30.000  | 23.60 | 1.10    | 3.50     | 28.20    | 40.00  | 11.80  |  |
| 2     | 181.320 | 21.40 | 2.90    | 2.31     | 26.61    | 43.50  | 16.89  |  |
| 3     | 400.540 | 17.58 | 4.80    | 3.59     | 25.97    | 46.00  | 20.03  |  |
| 4     | 501.420 | 19.91 | 6.52    | 5.89     | 32.32    | 46.00  | 13.68  |  |
| 5     | 541.190 | 20.48 | 7.01    | 1.31     | 28.80    | 46.00  | 17.20  |  |
| 6     | 567.380 | 22.08 | 6.50    | -0.80    | 27.78    | 46.00  | 18.22  |  |
| 7     | 900.090 | 25.83 | 7.37    | 5.07     | 38.27    | 46.00  | 7.73   |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Trace: (Discrete)

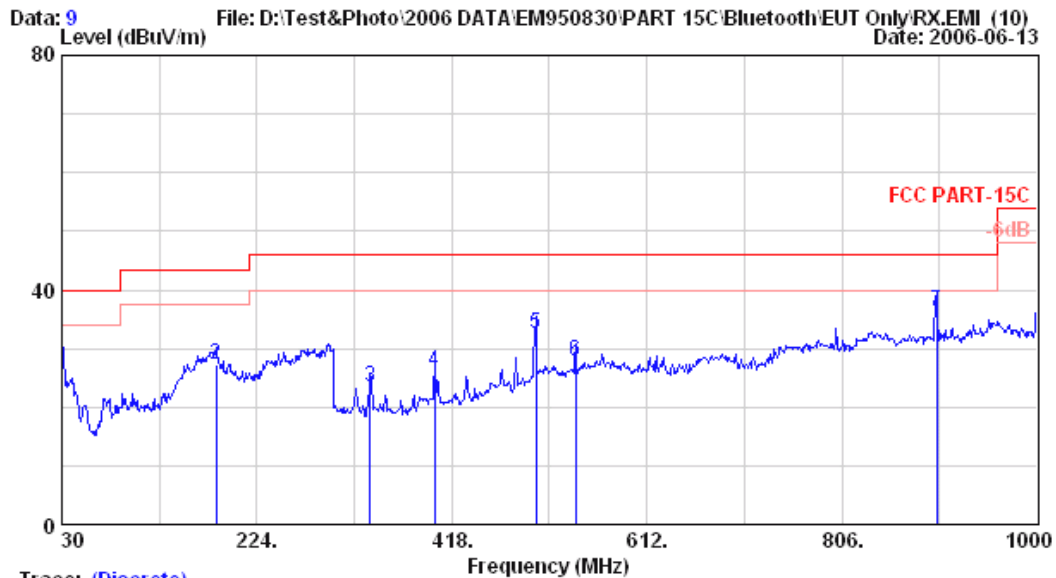
Site no. : A/C Chamber Data no. : 10  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : RX (CH78)  
M/N: HSTNH-L11C

|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 30.970  | 24.81 | 1.10    | -4.16    | 21.75    | 40.00  | 18.25  |  |
| 2     | 127.000 | 19.56 | 2.40    | 1.17     | 23.13    | 43.50  | 20.37  |  |
| 3     | 501.420 | 18.95 | 6.52    | 7.60     | 33.08    | 46.00  | 12.92  |  |
| 4     | 541.190 | 19.25 | 7.01    | 0.82     | 27.08    | 46.00  | 18.92  |  |
| 5     | 700.270 | 23.46 | 6.50    | 1.41     | 31.37    | 46.00  | 14.63  |  |
| 6     | 800.180 | 24.14 | 6.90    | 0.33     | 31.36    | 46.00  | 14.64  |  |
| 7     | 900.090 | 24.96 | 7.37    | 0.56     | 32.89    | 46.00  | 13.11  |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.



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Trace: (Discrete)

Site no. : A/C Chamber Data no. : 9  
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL  
Limit : FCC PART-15C  
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
EUT : Personal Digital Assistant or Pocket PC  
Power Rating : DC 3.7V  
Test Mode : RX (CH78)  
M/N: HSTNH-L11C

|       |         | Ant.  | Cable   |          | Emission |        |        |  |
|-------|---------|-------|---------|----------|----------|--------|--------|--|
| Freq. | Factor  | Loss  | Reading | Level    | Limits   | Margin | Remark |  |
| (MHz) | (dB/m)  | (dB)  | (dBuV)  | (dBuV/m) | (dBuV/m) | (dB)   |        |  |
| 1     | 30.000  | 23.60 | 1.10    | 3.02     | 27.72    | 40.00  | 12.28  |  |
| 2     | 183.260 | 21.70 | 2.90    | 2.55     | 27.15    | 43.50  | 16.35  |  |
| 3     | 336.520 | 15.54 | 4.20    | 3.80     | 23.54    | 46.00  | 22.46  |  |
| 4     | 400.540 | 17.58 | 4.80    | 3.61     | 25.99    | 46.00  | 20.01  |  |
| 5     | 501.420 | 19.91 | 6.52    | 6.01     | 32.44    | 46.00  | 13.56  |  |
| 6     | 541.190 | 20.48 | 7.01    | 0.26     | 27.75    | 46.00  | 18.25  |  |
| 7     | 900.090 | 25.83 | 7.37    | 3.23     | 36.43    | 46.00  | 9.57   |  |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
2. The emission levels that are 20dB below the official limit are not reported.

## 3.6.2. Above 1GHz Frequency Range Measurement Results

## 3.6.2.1. WLAN (802.11b)

Date of Test : Jun. 13, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

Test Mode : Transmitting Mode, Frequency: 2412MHz (CH1) Test Voltage : AC 120V/60Hz

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dBμV | Meter Reading<br>Horizontal<br>dBμV/m | Emission Level<br>Horizontal<br>dBμV/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------|---------------------------------------|----------------------------------------|--------------|--------|
| Peak    | 1255.360                     | 25.31                     | 4.69                  | 8.96                                  | 38.96                                  | 74.00        | 35.04  |
|         | 1725.760                     | 26.58                     | 7.00                  | 8.56                                  | 42.14                                  | 74.00        | 31.86  |
| Average | 1255.360                     | 25.31                     | 4.69                  | 0.96                                  | 30.96                                  | 54.00        | 23.04  |
|         | 1725.760                     | 26.58                     | 7.00                  | 0.56                                  | 34.14                                  | 54.00        | 19.86  |
|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dBμV | Meter Reading<br>Vertical<br>dBμV/m   | Emission Level<br>Vertical<br>dBμV/m   | Limits<br>dB | Margin |
| Peak    | 1650.160                     | 26.19                     | 6.49                  | 8.79                                  | 41.47                                  | 74.00        | 32.53  |
|         | 1784.560                     | 26.84                     | 7.01                  | 8.53                                  | 42.38                                  | 74.00        | 31.62  |
| Average | 1650.160                     | 26.19                     | 6.49                  | 0.79                                  | 33.47                                  | 54.00        | 20.53  |
|         | 1784.560                     | 26.84                     | 7.01                  | 0.53                                  | 34.38                                  | 54.00        | 19.62  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Jun. 13, 2006 Temperature : 26EUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Transmitting Mode, Frequency: 2437MHz (CH6) Test Voltage : AC 120V/60Hz

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Horizontal<br>dB $\mu$ V/m | Emission Level<br>Horizontal<br>dB $\mu$ V/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------------|---------------------------------------------|----------------------------------------------|--------------|--------|
| Peak    | 1582.960                     | 25.86                     | 6.01                        | 13.25                                       | 45.12                                        | 74.00        | 28.88  |
|         | 2145.760                     | 28.11                     | 6.04                        | 13.51                                       | 47.66                                        | 74.00        | 26.34  |
| Average | 1582.960                     | 25.86                     | 6.01                        | 5.25                                        | 37.12                                        | 54.00        | 16.88  |
|         | 2145.760                     | 28.11                     | 6.04                        | 5.51                                        | 39.66                                        | 54.00        | 14.34  |
|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Vertical<br>dB $\mu$ V/m   | Emission Level<br>Vertical<br>dB $\mu$ V/m   | Limits<br>dB | Margin |
| Peak    | 1477.120                     | 25.39                     | 5.36                        | 13.86                                       | 44.61                                        | 74.00        | 29.39  |
|         | 1734.160                     | 26.60                     | 7.07                        | 13.97                                       | 47.64                                        | 74.00        | 26.36  |
| Average | 1477.120                     | 25.39                     | 5.36                        | 5.86                                        | 36.61                                        | 54.00        | 17.39  |
|         | 1734.160                     | 26.60                     | 7.07                        | 5.97                                        | 39.64                                        | 54.00        | 14.36  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Jun. 13, 2006 Temperature : 26EUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Transmitting Mode, Frequency: 2462MHz (CH11) Test Voltage : AC 120V/60Hz

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Horizontal<br>dB $\mu$ V/m | Emission Level<br>Horizontal<br>dB $\mu$ V/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------------|---------------------------------------------|----------------------------------------------|--------------|--------|
| Peak    | 1650.160                     | 26.19                     | 6.49                        | 13.37                                       | 46.05                                        | 74.00        | 27.95  |
|         | 1838.320                     | 27.10                     | 6.72                        | 13.41                                       | 47.23                                        | 74.00        | 26.77  |
| Average | 1650.160                     | 26.19                     | 6.49                        | 5.37                                        | 38.05                                        | 54.00        | 15.95  |
|         | 1838.320                     | 27.10                     | 6.72                        | 5.41                                        | 39.23                                        | 54.00        | 14.77  |
|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Vertical<br>dB $\mu$ V/m   | Emission Level<br>Vertical<br>dB $\mu$ V/m   | Limits<br>dB | Margin |
| Peak    | 1675.360                     | 26.34                     | 6.65                        | 12.72                                       | 45.71                                        | 74.00        | 28.29  |
|         | 2107.120                     | 28.03                     | 6.00                        | 12.92                                       | 46.95                                        | 74.00        | 27.05  |
| Average | 1675.360                     | 26.34                     | 6.65                        | 4.72                                        | 37.71                                        | 54.00        | 16.29  |
|         | 2107.120                     | 28.03                     | 6.00                        | 4.92                                        | 38.95                                        | 54.00        | 15.05  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Jun. 13, 2006 Temperature : 26EUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Receiving Mode, Frequency: 2437MHz (CH6) Test Voltage : AC 120V/60Hz

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dBμV | Meter Reading<br>Horizontal<br>dBμV/m | Emission Level<br>Horizontal<br>dBμV/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------|---------------------------------------|----------------------------------------|--------------|--------|
| Peak    | 1468.720                     | 25.39                     | 5.33                  | 6.27                                  | 36.99                                  | 74.00        | 37.01  |
|         | 1834.960                     | 27.08                     | 6.72                  | 6.30                                  | 40.10                                  | 74.00        | 33.90  |
| Average | 1650.160                     | 26.19                     | 6.49                  | 5.37                                  | 38.05                                  | 54.00        | 15.95  |
|         | 1838.320                     | 27.10                     | 6.72                  | 5.41                                  | 39.23                                  | 54.00        | 14.77  |
|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dBμV | Meter Reading<br>Vertical<br>dBμV/m   | Emission Level<br>Vertical<br>dBμV/m   | Limits<br>dB | Margin |
| Peak    | 1221.760                     | 25.30                     | 4.63                  | 7.63                                  | 37.56                                  | 74.00        | 36.44  |
|         | 2073.520                     | 27.96                     | 5.95                  | 6.44                                  | 40.35                                  | 74.00        | 33.65  |
| Average | 1221.760                     | 25.30                     | 4.63                  | -0.37                                 | 29.56                                  | 54.00        | 24.44  |
|         | 2073.520                     | 27.96                     | 5.95                  | -1.56                                 | 32.35                                  | 54.00        | 21.65  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Jun. 13, 2006 Temperature : 26EUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Transmitting Mode, Frequency: 2412MHz (CH1) Test Voltage : DC 3.7V

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Horizontal<br>dB $\mu$ V/m | Emission Level<br>Horizontal<br>dB $\mu$ V/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------------|---------------------------------------------|----------------------------------------------|--------------|--------|
| Peak    | 1132.720                     | 25.26                     | 4.46                        | 14.66                                       | 44.38                                        | 74.00        | 29.62  |
|         | 1776.160                     | 26.82                     | 7.04                        | 13.66                                       | 47.52                                        | 74.00        | 26.48  |
| Average | 1132.720                     | 25.26                     | 4.46                        | 6.66                                        | 36.38                                        | 54.00        | 17.62  |
|         | 1776.160                     | 26.82                     | 7.04                        | 5.66                                        | 39.52                                        | 54.00        | 14.48  |
|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Vertical<br>dB $\mu$ V/m   | Emission Level<br>Vertical<br>dB $\mu$ V/m   | Limits<br>dB | Margin |
| Peak    | 1535.920                     | 25.59                     | 5.67                        | 13.03                                       | 44.29                                        | 74.00        | 29.71  |
|         | 2019.760                     | 27.84                     | 5.89                        | 13.44                                       | 47.17                                        | 74.00        | 26.83  |
| Average | 1678.720                     | 26.34                     | 6.69                        | 4.49                                        | 37.52                                        | 54.00        | 16.48  |
|         | 2019.760                     | 27.84                     | 5.89                        | 5.44                                        | 39.17                                        | 54.00        | 14.83  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Jun. 13, 2006 Temperature : 26EUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Transmitting Mode, Frequency: 2437MHz (CH6) Test Voltage : DC 3.7V

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Horizontal<br>dB $\mu$ V/m | Emission Level<br>Horizontal<br>dB $\mu$ V/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------------|---------------------------------------------|----------------------------------------------|--------------|--------|
| Peak    | 1767.760                     | 26.77                     | 7.09                        | 13.41                                       | 47.27                                        | 74.00        | 26.73  |
|         | 2191.120                     | 28.20                     | 6.10                        | 13.34                                       | 47.64                                        | 74.00        | 26.36  |
| Average | 1767.760                     | 26.77                     | 7.09                        | 5.41                                        | 39.27                                        | 54.00        | 14.73  |
|         | 2191.120                     | 28.20                     | 6.10                        | 5.34                                        | 39.64                                        | 54.00        | 14.36  |
|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Vertical<br>dB $\mu$ V/m   | Emission Level<br>Vertical<br>dB $\mu$ V/m   | Limits<br>dB | Margin |
| Peak    | 1485.520                     | 25.40                     | 5.38                        | 12.78                                       | 43.56                                        | 74.00        | 30.44  |
|         | 1779.520                     | 26.82                     | 7.04                        | 14.18                                       | 48.04                                        | 74.00        | 25.96  |
| Average | 1485.520                     | 25.40                     | 5.38                        | 4.78                                        | 35.56                                        | 54.00        | 18.44  |
|         | 1779.520                     | 26.82                     | 7.04                        | 6.18                                        | 40.04                                        | 54.00        | 13.96  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Jun. 13, 2006 Temperature : 26EUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Transmitting Mode, Frequency: 2462MHz (CH11) Test Voltage : DC 3.7V

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Horizontal<br>dB $\mu$ V/m | Emission Level<br>Horizontal<br>dB $\mu$ V/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------------|---------------------------------------------|----------------------------------------------|--------------|--------|
| Peak    | 1099.120                     | 25.25                     | 4.39                        | 13.94                                       | 43.58                                        | 74.00        | 30.42  |
|         | 2182.720                     | 28.19                     | 6.09                        | 13.43                                       | 47.71                                        | 74.00        | 26.29  |
| Average | 1099.120                     | 25.25                     | 4.39                        | 5.94                                        | 35.58                                        | 54.00        | 18.42  |
|         | 2182.720                     | 28.19                     | 6.09                        | 4.43                                        | 38.71                                        | 54.00        | 15.29  |
|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Vertical<br>dB $\mu$ V/m   | Emission Level<br>Vertical<br>dB $\mu$ V/m   | Limits<br>dB | Margin |
| Peak    | 1468.720                     | 25.39                     | 5.33                        | 13.76                                       | 44.48                                        | 74.00        | 29.52  |
|         | 1725.760                     | 26.58                     | 7.00                        | 13.48                                       | 47.06                                        | 74.00        | 26.94  |
| Average | 1468.720                     | 25.39                     | 5.33                        | 5.76                                        | 36.48                                        | 54.00        | 17.52  |
|         | 1725.760                     | 26.58                     | 7.00                        | 5.48                                        | 39.06                                        | 54.00        | 14.94  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Jun. 13, 2006 Temperature : 26EUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Receiving Mode, Frequency: 2437MHz (CH6) Test Voltage : DC 3.7V

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Horizontal<br>dB $\mu$ V/m | Emission Level<br>Horizontal<br>dB $\mu$ V/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------------|---------------------------------------------|----------------------------------------------|--------------|--------|
| Peak    | 1729.120                     | 26.58                     | 7.04                        | 6.16                                        | 39.78                                        | 74.00        | 34.22  |
|         | 2266.720                     | 28.36                     | 6.18                        | 5.80                                        | 40.34                                        | 74.00        | 33.66  |
| Average | 1729.120                     | 26.58                     | 7.04                        | -1.84                                       | 31.78                                        | 54.00        | 22.22  |
|         | 2266.720                     | 28.36                     | 6.18                        | -3.20                                       | 31.34                                        | 54.00        | 22.66  |
|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Vertical<br>dB $\mu$ V/m   | Emission Level<br>Vertical<br>dB $\mu$ V/m   | Limits<br>dB | Margin |
| Peak    | 1725.760                     | 26.58                     | 7.00                        | 6.57                                        | 40.15                                        | 74.00        | 33.85  |
|         | 2073.520                     | 27.96                     | 5.95                        | 6.44                                        | 40.35                                        | 74.00        | 33.65  |
| Average | 1725.760                     | 26.58                     | 7.00                        | -1.43                                       | 32.15                                        | 54.00        | 21.85  |
|         | 2073.520                     | 27.96                     | 5.95                        | -1.56                                       | 32.35                                        | 54.00        | 21.65  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

## 3.6.2.2. WLAN (802.11g)

Date of Test : Jun. 13, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

Test Mode : Transmitting Mode, Frequency: 2412MHz (CH1) Test Voltage : AC 120V/60Hz

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Horizontal<br>dB $\mu$ V/m | Emission Level<br>Horizontal<br>dB $\mu$ V/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------------|---------------------------------------------|----------------------------------------------|--------------|--------|
| Peak    | 1552.720                     | 25.69                     | 5.81                        | 13.49                                       | 44.99                                        | 74.00        | 29.01  |
|         | 2023.120                     | 27.85                     | 5.89                        | 13.99                                       | 47.73                                        | 74.00        | 26.27  |
| Average | 1552.720                     | 25.69                     | 5.81                        | 5.49                                        | 36.99                                        | 54.00        | 17.01  |
|         | 2023.120                     | 27.85                     | 5.89                        | 5.99                                        | 39.73                                        | 54.00        | 14.27  |
|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Vertical<br>dB $\mu$ V/m   | Emission Level<br>Vertical<br>dB $\mu$ V/m   | Limits<br>dB | Margin |
| Peak    | 1599.760                     | 25.95                     | 6.14                        | 12.91                                       | 45.00                                        | 74.00        | 29.00  |
|         | 1897.120                     | 27.37                     | 6.38                        | 13.39                                       | 47.14                                        | 74.00        | 26.86  |
| Average | 1599.760                     | 25.95                     | 6.14                        | 4.91                                        | 37.00                                        | 54.00        | 17.00  |
|         | 1897.120                     | 27.37                     | 6.38                        | 5.39                                        | 39.14                                        | 54.00        | 14.86  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Jun. 13, 2006 Temperature : 26EUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Transmitting Mode, Frequency: 2437MHz (CH6) Test Voltage : AC 120V/60Hz

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Horizontal<br>dB $\mu$ V/m | Emission Level<br>Horizontal<br>dB $\mu$ V/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------------|---------------------------------------------|----------------------------------------------|--------------|--------|
| Peak    | 1468.720                     | 25.39                     | 5.33                        | 13.32                                       | 44.04                                        | 74.00        | 29.96  |
|         | 1888.720                     | 27.32                     | 6.45                        | 13.26                                       | 47.03                                        | 74.00        | 26.97  |
| Average | 1468.720                     | 25.39                     | 5.33                        | 5.32                                        | 36.04                                        | 54.00        | 17.96  |
|         | 1888.720                     | 27.32                     | 6.45                        | 5.26                                        | 39.03                                        | 54.00        | 14.97  |
|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Vertical<br>dB $\mu$ V/m   | Emission Level<br>Vertical<br>dB $\mu$ V/m   | Limits<br>dB | Margin |
| Peak    | 1594.720                     | 25.90                     | 6.12                        | 13.50                                       | 45.52                                        | 74.00        | 28.48  |
|         | 1838.320                     | 27.10                     | 6.72                        | 13.39                                       | 47.21                                        | 74.00        | 26.79  |
| Average | 1594.720                     | 25.90                     | 6.12                        | 5.50                                        | 37.52                                        | 54.00        | 16.48  |
|         | 1838.320                     | 27.10                     | 6.72                        | 5.39                                        | 39.21                                        | 54.00        | 14.79  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Jun. 13, 2006 Temperature : 26EUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Transmitting Mode, Frequency: 2462MHz (CH11) Test Voltage : AC 120V/60Hz

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Horizontal<br>dB $\mu$ V/m | Emission Level<br>Horizontal<br>dB $\mu$ V/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------------|---------------------------------------------|----------------------------------------------|--------------|--------|
| Peak    | 1599.760                     | 25.95                     | 6.14                        | 13.40                                       | 45.49                                        | 74.00        | 28.51  |
|         | 2145.760                     | 28.11                     | 6.04                        | 13.14                                       | 47.29                                        | 74.00        | 26.71  |
| Average | 1599.760                     | 25.95                     | 6.14                        | 5.40                                        | 37.49                                        | 54.00        | 16.51  |
|         | 2145.760                     | 28.11                     | 6.04                        | 5.14                                        | 39.29                                        | 54.00        | 14.71  |
|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Vertical<br>dB $\mu$ V/m   | Emission Level<br>Vertical<br>dB $\mu$ V/m   | Limits<br>dB | Margin |
| Peak    | 1537.600                     | 25.62                     | 5.70                        | 12.66                                       | 43.98                                        | 74.00        | 30.02  |
|         | 1855.120                     | 27.18                     | 6.62                        | 13.45                                       | 47.25                                        | 74.00        | 26.75  |
| Average | 1537.600                     | 25.62                     | 5.70                        | 4.66                                        | 35.98                                        | 54.00        | 18.02  |
|         | 1855.120                     | 27.18                     | 6.62                        | 5.45                                        | 39.25                                        | 54.00        | 14.75  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Jun. 13, 2006 Temperature : 26EUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Receiving Mode, Frequency: 2437MHz (CH6) Test Voltage : AC 120V/60Hz

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Horizontal<br>dB $\mu$ V/m | Emission Level<br>Horizontal<br>dB $\mu$ V/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------------|---------------------------------------------|----------------------------------------------|--------------|--------|
| Peak    | 1468.720                     | 25.39                     | 5.33                        | 6.11                                        | 36.83                                        | 74.00        | 37.17  |
|         | 1880.320                     | 27.27                     | 6.48                        | 7.11                                        | 40.86                                        | 74.00        | 33.14  |
| Average | 1468.720                     | 25.39                     | 5.33                        | -1.89                                       | 28.83                                        | 54.00        | 25.17  |
|         | 1880.320                     | 27.27                     | 6.48                        | -0.89                                       | 32.86                                        | 54.00        | 21.14  |
|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Vertical<br>dB $\mu$ V/m   | Emission Level<br>Vertical<br>dB $\mu$ V/m   | Limits<br>dB | Margin |
| Peak    | 1246.960                     | 25.31                     | 4.67                        | 7.05                                        | 37.03                                        | 74.00        | 36.97  |
|         | 1893.760                     | 27.34                     | 6.42                        | 6.63                                        | 40.39                                        | 74.00        | 33.61  |
| Average | 1246.960                     | 25.31                     | 4.67                        | -0.95                                       | 29.03                                        | 54.00        | 24.97  |
|         | 1893.760                     | 27.34                     | 6.42                        | -1.37                                       | 32.39                                        | 54.00        | 21.61  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Jun. 13, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

Test Mode : Transmitting Mode, Frequency: 2412MHz (CH1) Test Voltage : DC 3.7V

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Horizontal<br>dB $\mu$ V/m | Emission Level<br>Horizontal<br>dB $\mu$ V/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------------|---------------------------------------------|----------------------------------------------|--------------|--------|
| Peak    | 1725.760                     | 26.58                     | 7.00                        | 12.96                                       | 46.54                                        | 74.00        | 27.46  |
|         | 2145.760                     | 28.11                     | 6.04                        | 12.69                                       | 46.84                                        | 74.00        | 27.16  |
| Average | 1725.760                     | 26.58                     | 7.00                        | 4.96                                        | 38.54                                        | 54.00        | 15.46  |
|         | 2145.760                     | 28.11                     | 6.04                        | 3.69                                        | 37.84                                        | 54.00        | 16.16  |
|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Vertical<br>dB $\mu$ V/m   | Emission Level<br>Vertical<br>dB $\mu$ V/m   | Limits<br>dB | Margin |
| Peak    | 1149.520                     | 25.27                     | 4.49                        | 13.15                                       | 42.91                                        | 74.00        | 31.09  |
|         | 2031.520                     | 27.86                     | 5.90                        | 13.30                                       | 47.06                                        | 74.00        | 26.94  |
| Average | 1149.520                     | 25.27                     | 4.49                        | 5.15                                        | 34.91                                        | 54.00        | 19.09  |
|         | 2031.520                     | 27.86                     | 5.90                        | 4.30                                        | 38.06                                        | 54.00        | 15.94  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Jun. 13, 2006 Temperature : 26EUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Transmitting Mode, Frequency: 2437MHz (CH6) Test Voltage : DC 3.7V

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Horizontal<br>dB $\mu$ V/m | Emission Level<br>Horizontal<br>dB $\mu$ V/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------------|---------------------------------------------|----------------------------------------------|--------------|--------|
| Peak    | 1191.520                     | 25.29                     | 4.56                        | 13.53                                       | 43.38                                        | 74.00        | 30.62  |
|         | 1767.760                     | 26.77                     | 7.09                        | 13.34                                       | 47.20                                        | 74.00        | 26.80  |
| Average | 1191.520                     | 25.29                     | 4.56                        | 4.53                                        | 34.38                                        | 54.00        | 19.62  |
|         | 1767.760                     | 26.77                     | 7.09                        | 4.34                                        | 38.20                                        | 54.00        | 15.80  |
|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Vertical<br>dB $\mu$ V/m   | Emission Level<br>Vertical<br>dB $\mu$ V/m   | Limits<br>dB | Margin |
| Peak    | 1204.960                     | 25.29                     | 4.59                        | 13.77                                       | 43.65                                        | 74.00        | 30.35  |
|         | 1846.720                     | 27.13                     | 6.65                        | 13.30                                       | 47.08                                        | 74.00        | 26.92  |
| Average | 1204.960                     | 25.29                     | 4.59                        | 5.77                                        | 35.65                                        | 54.00        | 18.35  |
|         | 1846.720                     | 27.13                     | 6.65                        | 5.30                                        | 39.08                                        | 54.00        | 14.92  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Jun. 13, 2006 Temperature : 26EUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Transmitting Mode, Frequency: 2462MHz (CH11) Test Voltage : DC 3.7V

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Horizontal<br>dB $\mu$ V/m | Emission Level<br>Horizontal<br>dB $\mu$ V/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------------|---------------------------------------------|----------------------------------------------|--------------|--------|
| Peak    | 1740.880                     | 26.65                     | 7.09                        | 13.15                                       | 46.89                                        | 74.00        | 27.11  |
|         | 1893.760                     | 27.34                     | 6.42                        | 13.37                                       | 47.13                                        | 74.00        | 26.87  |
| Average | 1740.880                     | 26.65                     | 7.09                        | 5.15                                        | 38.89                                        | 54.00        | 15.11  |
|         | 1893.760                     | 27.34                     | 6.42                        | 5.37                                        | 39.13                                        | 54.00        | 14.87  |
|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Vertical<br>dB $\mu$ V/m   | Emission Level<br>Vertical<br>dB $\mu$ V/m   | Limits<br>dB | Margin |
| Peak    | 1230.160                     | 25.30                     | 4.64                        | 14.62                                       | 44.56                                        | 74.00        | 29.44  |
|         | 1767.760                     | 26.77                     | 7.09                        | 13.15                                       | 47.01                                        | 74.00        | 26.99  |
| Average | 1230.160                     | 25.30                     | 4.64                        | 6.62                                        | 36.56                                        | 54.00        | 17.44  |
|         | 1767.760                     | 26.77                     | 7.09                        | 5.15                                        | 39.01                                        | 54.00        | 14.99  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Jun. 13, 2006 Temperature : 26EUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Receiving Mode, Frequency: 2437MHz (CH6) Test Voltage : DC 3.7V

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dBμV | Meter Reading<br>Horizontal<br>dBμV/m | Emission Level<br>Horizontal<br>dBμV/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------|---------------------------------------|----------------------------------------|--------------|--------|
| Peak    | 1154.560                     | 25.27                     | 4.50                  | 7.01                                  | 36.78                                  | 74.00        | 37.22  |
|         | 1880.320                     | 27.27                     | 6.48                  | 7.11                                  | 40.86                                  | 74.00        | 33.14  |
| Average | 1154.560                     | 25.27                     | 4.50                  | -0.99                                 | 28.78                                  | 54.00        | 25.22  |
|         | 1880.320                     | 27.27                     | 6.48                  | -0.89                                 | 32.86                                  | 54.00        | 21.14  |
|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dBμV | Meter Reading<br>Vertical<br>dBμV/m   | Emission Level<br>Vertical<br>dBμV/m   | Limits<br>dB | Margin |
| Peak    | 1540.960                     | 25.64                     | 5.70                  | 7.13                                  | 38.47                                  | 74.00        | 35.53  |
|         | 2036.560                     | 27.88                     | 5.90                  | 6.95                                  | 40.73                                  | 74.00        | 33.27  |
| Average | 1540.960                     | 25.64                     | 5.70                  | -0.87                                 | 30.47                                  | 54.00        | 23.53  |
|         | 2036.560                     | 27.88                     | 5.90                  | -1.05                                 | 32.73                                  | 54.00        | 21.27  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

## 3.6.2.3. Bluetooth

Date of Test : Jun. 13, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

Test Mode : Transmitting Mode, Frequency: 2402MHz (CH0) Test Voltage : AC 120V/60Hz

|         | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Horizontal dB $\mu$ V/m | Emission Level Horizontal dB $\mu$ V/m | Limits dB | Margin |
|---------|------------------------|---------------------|-----------------------|---------------------------------------|----------------------------------------|-----------|--------|
| Peak    | 1717.360               | 26.53               | 6.96                  | 15.16                                 | 48.65                                  | 74.00     | 25.35  |
|         | 2560.720               | 29.05               | 6.57                  | 13.74                                 | 49.36                                  | 74.00     | 24.64  |
| Average | 1717.360               | 26.53               | 6.96                  | 3.16                                  | 36.65                                  | 54.00     | 17.35  |
|         | 2560.720               | 29.05               | 6.57                  | 2.74                                  | 38.36                                  | 54.00     | 15.64  |
|         | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Vertical dB $\mu$ V/m   | Emission Level Vertical dB $\mu$ V/m   | Limits dB | Margin |
| Peak    | 1104.160               | 25.25               | 4.40                  | 15.36                                 | 45.01                                  | 74.00     | 28.99  |
|         | 1204.960               | 25.29               | 4.59                  | 14.99                                 | 44.87                                  | 74.00     | 29.13  |
|         | 2132.320               | 28.09               | 6.03                  | 16.87                                 | 50.99                                  | 74.00     | 23.01  |
|         | 2560.720               | 29.05               | 6.57                  | 17.20                                 | 52.82                                  | 74.00     | 21.18  |
|         | 2641.360               | 29.40               | 6.69                  | 15.63                                 | 51.72                                  | 74.00     | 22.28  |
| Average | 1104.160               | 25.25               | 4.40                  | 3.36                                  | 33.01                                  | 54.00     | 20.99  |
|         | 1204.960               | 25.29               | 4.59                  | 2.99                                  | 32.87                                  | 54.00     | 21.13  |
|         | 2132.320               | 28.09               | 6.03                  | 3.87                                  | 37.99                                  | 54.00     | 16.01  |
|         | 2560.720               | 29.05               | 6.57                  | 4.20                                  | 39.82                                  | 54.00     | 14.18  |
|         | 2641.360               | 29.40               | 6.69                  | 3.63                                  | 39.72                                  | 54.00     | 14.28  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Jun. 13, 2006 Temperature : 26EUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Transmitting Mode, Frequency: 2441MHz (CH39) Test Voltage : AC 120V/60Hz

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Horizontal<br>dB $\mu$ V/m | Emission Level<br>Horizontal<br>dB $\mu$ V/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------------|---------------------------------------------|----------------------------------------------|--------------|--------|
| Peak    | 1838.320                     | 27.10                     | 6.72                        | 13.86                                       | 47.68                                        | 74.00        | 26.32  |
|         | 2557.360                     | 29.05                     | 6.56                        | 13.23                                       | 48.84                                        | 74.00        | 25.16  |
| Average | 1838.320                     | 27.10                     | 6.72                        | 1.86                                        | 35.68                                        | 54.00        | 18.32  |
|         | 2557.360                     | 29.05                     | 6.56                        | 1.23                                        | 36.84                                        | 54.00        | 17.16  |

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Vertical<br>dB $\mu$ V/m | Emission Level<br>Vertical<br>dB $\mu$ V/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------------|-------------------------------------------|--------------------------------------------|--------------|--------|
| Peak    | 1204.960                     | 25.29                     | 4.59                        | 16.49                                     | 46.37                                      | 74.00        | 27.63  |
|         | 2132.320                     | 28.09                     | 6.03                        | 15.68                                     | 49.80                                      | 74.00        | 24.20  |
|         | 2560.720                     | 29.05                     | 6.57                        | 16.78                                     | 52.40                                      | 74.00        | 21.60  |
|         | 2641.360                     | 29.40                     | 6.69                        | 16.09                                     | 52.18                                      | 74.00        | 21.82  |
| Average | 1204.960                     | 25.29                     | 4.59                        | 4.49                                      | 34.37                                      | 54.00        | 19.63  |
|         | 2132.320                     | 28.09                     | 6.03                        | 3.68                                      | 37.80                                      | 54.00        | 16.20  |
|         | 2560.720                     | 29.05                     | 6.57                        | 4.78                                      | 40.40                                      | 54.00        | 13.60  |
|         | 2641.360                     | 29.40                     | 6.69                        | 4.09                                      | 40.18                                      | 54.00        | 13.82  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Jun. 13, 2006 Temperature : 26EUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Transmitting Mode, Frequency: 2480MHz (CH78) Test Voltage : AC 120V/60Hz

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Horizontal<br>dB $\mu$ V/m | Emission Level<br>Horizontal<br>dB $\mu$ V/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------------|---------------------------------------------|----------------------------------------------|--------------|--------|
| Peak    | 1725.760                     | 26.58                     | 7.00                        | 12.50                                       | 46.08                                        | 74.00        | 27.92  |
|         | 2560.720                     | 29.05                     | 6.57                        | 12.84                                       | 48.46                                        | 74.00        | 25.54  |
| Average | 1725.760                     | 26.58                     | 7.00                        | 0.50                                        | 34.08                                        | 54.00        | 19.92  |
|         | 2560.720                     | 29.05                     | 6.57                        | 0.84                                        | 36.46                                        | 54.00        | 17.54  |
|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Vertical<br>dB $\mu$ V/m   | Emission Level<br>Vertical<br>dB $\mu$ V/m   | Limits<br>dB | Margin |
| Peak    | 1104.160                     | 25.25                     | 4.40                        | 15.38                                       | 45.03                                        | 74.00        | 28.97  |
|         | 1603.120                     | 25.95                     | 6.18                        | 14.43                                       | 46.56                                        | 74.00        | 27.44  |
|         | 2132.320                     | 28.09                     | 6.03                        | 14.71                                       | 48.83                                        | 74.00        | 25.17  |
|         | 2560.720                     | 29.05                     | 6.57                        | 16.52                                       | 52.14                                        | 74.00        | 21.86  |
|         | 2641.360                     | 29.40                     | 6.69                        | 14.46                                       | 50.55                                        | 74.00        | 23.45  |
| Average | 1104.160                     | 25.25                     | 4.40                        | 3.38                                        | 33.03                                        | 54.00        | 20.97  |
|         | 1603.120                     | 25.95                     | 6.18                        | 2.43                                        | 34.56                                        | 54.00        | 19.44  |
|         | 2132.320                     | 28.09                     | 6.03                        | 2.71                                        | 36.83                                        | 54.00        | 17.17  |
|         | 2560.720                     | 29.05                     | 6.57                        | 4.52                                        | 40.14                                        | 54.00        | 13.86  |
|         | 2641.360                     | 29.40                     | 6.69                        | 2.46                                        | 38.55                                        | 54.00        | 15.45  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Jun. 13, 2006 Temperature : 26EUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Receiving Mode, Frequency: 2480MHz (CH78) Test Voltage : AC 120V/60Hz

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Horizontal<br>dB $\mu$ V/m | Emission Level<br>Horizontal<br>dB $\mu$ V/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------------|---------------------------------------------|----------------------------------------------|--------------|--------|
| Peak    | 2095.360                     | 28.01                     | 5.98                        | 9.03                                        | 43.02                                        | 74.00        | 30.98  |
|         | 2569.120                     | 29.09                     | 6.58                        | 9.17                                        | 44.84                                        | 74.00        | 29.16  |
| Average | 2095.360                     | 28.01                     | 5.98                        | 1.03                                        | 35.02                                        | 54.00        | 18.98  |
|         | 2569.120                     | 29.09                     | 6.58                        | 1.17                                        | 36.84                                        | 54.00        | 17.16  |
|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Vertical<br>dB $\mu$ V/m   | Emission Level<br>Vertical<br>dB $\mu$ V/m   | Limits<br>dB | Margin |
| Peak    | 1104.160                     | 25.25                     | 4.40                        | 11.70                                       | 41.35                                        | 74.00        | 32.65  |
|         | 1204.960                     | 25.29                     | 4.59                        | 10.97                                       | 40.85                                        | 74.00        | 33.15  |
|         | 2132.320                     | 28.09                     | 6.03                        | 11.04                                       | 45.16                                        | 74.00        | 28.84  |
|         | 2560.720                     | 29.05                     | 6.57                        | 13.26                                       | 48.88                                        | 74.00        | 25.12  |
|         | 2641.360                     | 29.40                     | 6.69                        | 11.11                                       | 47.20                                        | 74.00        | 26.80  |
| Average | 1104.160                     | 25.25                     | 4.40                        | 2.70                                        | 32.35                                        | 54.00        | 21.65  |
|         | 1204.960                     | 25.29                     | 4.59                        | 1.97                                        | 31.85                                        | 54.00        | 22.15  |
|         | 2132.320                     | 28.09                     | 6.03                        | 2.04                                        | 36.16                                        | 54.00        | 17.84  |
|         | 2560.720                     | 29.05                     | 6.57                        | 5.26                                        | 40.88                                        | 54.00        | 13.12  |
|         | 2641.360                     | 29.40                     | 6.69                        | 2.11                                        | 38.20                                        | 54.00        | 15.80  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Jun. 13, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

Test Mode : Transmitting Mode, Frequency: 2402MHz (CH0) Test Voltage : DC 3.7V

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Horizontal<br>dB $\mu$ V/m | Emission Level<br>Horizontal<br>dB $\mu$ V/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------------|---------------------------------------------|----------------------------------------------|--------------|--------|
| Peak    | 1204.960                     | 25.29                     | 4.59                        | 13.95                                       | 43.83                                        | 74.00        | 30.17  |
|         | 1771.120                     | 26.79                     | 7.07                        | 13.26                                       | 47.12                                        | 74.00        | 26.88  |
|         | 2560.720                     | 29.05                     | 6.57                        | 13.60                                       | 49.22                                        | 74.00        | 24.78  |
| Average | 1204.960                     | 25.29                     | 4.59                        | 1.95                                        | 31.83                                        | 54.00        | 22.17  |
|         | 1771.120                     | 26.79                     | 7.07                        | 0.26                                        | 34.12                                        | 54.00        | 19.88  |
|         | 2560.720                     | 29.05                     | 6.57                        | 1.60                                        | 37.22                                        | 54.00        | 16.78  |

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Vertical<br>dB $\mu$ V/m | Emission Level<br>Vertical<br>dB $\mu$ V/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------------|-------------------------------------------|--------------------------------------------|--------------|--------|
| Peak    | 1104.160                     | 25.25                     | 4.40                        | 16.93                                     | 46.58                                      | 74.00        | 27.42  |
|         | 1603.120                     | 25.95                     | 6.18                        | 15.56                                     | 47.69                                      | 74.00        | 26.31  |
|         | 2132.320                     | 28.09                     | 6.03                        | 15.86                                     | 49.98                                      | 74.00        | 24.02  |
|         | 2560.720                     | 29.05                     | 6.57                        | 17.74                                     | 53.36                                      | 74.00        | 20.64  |
|         | 2641.360                     | 29.40                     | 6.69                        | 16.14                                     | 52.23                                      | 74.00        | 21.77  |
| Average | 1104.160                     | 25.25                     | 4.40                        | 4.93                                      | 34.58                                      | 54.00        | 19.42  |
|         | 1603.120                     | 25.95                     | 6.18                        | 3.56                                      | 35.69                                      | 54.00        | 18.31  |
|         | 2132.320                     | 28.09                     | 6.03                        | 3.86                                      | 37.98                                      | 54.00        | 16.02  |
|         | 2560.720                     | 29.05                     | 6.57                        | 5.74                                      | 41.36                                      | 54.00        | 12.64  |
|         | 2641.360                     | 29.40                     | 6.69                        | 4.14                                      | 40.23                                      | 54.00        | 13.77  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Jun. 13, 2006 Temperature : 26EUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Transmitting Mode, Frequency: 2441MHz (CH39) Test Voltage : DC 3.7V

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Horizontal<br>dB $\mu$ V/m | Emission Level<br>Horizontal<br>dB $\mu$ V/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------------|---------------------------------------------|----------------------------------------------|--------------|--------|
| Peak    | 1364.560                     | 25.35                     | 5.04                        | 12.73                                       | 43.12                                        | 74.00        | 30.88  |
|         | 2565.760                     | 29.09                     | 6.58                        | 12.95                                       | 48.62                                        | 74.00        | 25.38  |
|         | 2641.360                     | 29.40                     | 6.69                        | 12.86                                       | 48.95                                        | 74.00        | 25.05  |
| Average | 1364.560                     | 25.35                     | 5.04                        | -0.27                                       | 30.12                                        | 54.00        | 23.88  |
|         | 2565.760                     | 29.09                     | 6.58                        | -0.05                                       | 35.62                                        | 54.00        | 18.38  |
|         | 2641.360                     | 29.40                     | 6.69                        | -0.14                                       | 35.95                                        | 54.00        | 18.05  |
|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Vertical<br>dB $\mu$ V/m   | Emission Level<br>Vertical<br>dB $\mu$ V/m   | Limits<br>dB | Margin |
| Peak    | 1603.120                     | 25.95                     | 6.18                        | 13.85                                       | 45.98                                        | 74.00        | 28.02  |
|         | 2132.320                     | 28.09                     | 6.03                        | 14.71                                       | 48.83                                        | 74.00        | 25.17  |
|         | 2560.720                     | 29.05                     | 6.57                        | 15.89                                       | 51.51                                        | 74.00        | 22.49  |
|         | 2641.360                     | 29.40                     | 6.69                        | 15.03                                       | 51.12                                        | 74.00        | 22.88  |
| Average | 1603.120                     | 25.95                     | 6.18                        | 1.85                                        | 33.98                                        | 54.00        | 20.02  |
|         | 2132.320                     | 28.09                     | 6.03                        | 2.71                                        | 36.83                                        | 54.00        | 17.17  |
|         | 2560.720                     | 29.05                     | 6.57                        | 2.89                                        | 38.51                                        | 54.00        | 15.49  |
|         | 2641.360                     | 29.40                     | 6.69                        | 2.03                                        | 38.12                                        | 54.00        | 15.88  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Jun. 13, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

Test Mode : Transmitting Mode, Frequency: 2480MHz (CH78) Test Voltage : DC 3.7V

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Horizontal<br>dB $\mu$ V/m | Emission Level<br>Horizontal<br>dB $\mu$ V/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------------|---------------------------------------------|----------------------------------------------|--------------|--------|
| Peak    | 1838.320                     | 27.10                     | 6.72                        | 12.67                                       | 46.49                                        | 74.00        | 27.51  |
|         | 2560.720                     | 29.05                     | 6.57                        | 12.95                                       | 48.57                                        | 74.00        | 25.43  |
|         | 2624.560                     | 29.34                     | 6.66                        | 12.35                                       | 48.35                                        | 74.00        | 25.65  |
| Average | 1838.320                     | 27.10                     | 6.72                        | -0.33                                       | 33.49                                        | 54.00        | 20.51  |
|         | 2560.720                     | 29.05                     | 6.57                        | 0.95                                        | 36.57                                        | 54.00        | 17.43  |
|         | 2624.560                     | 29.34                     | 6.66                        | 0.35                                        | 36.35                                        | 54.00        | 17.65  |
|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Vertical<br>dB $\mu$ V/m   | Emission Level<br>Vertical<br>dB $\mu$ V/m   | Limits<br>dB | Margin |
| Peak    | 1104.160                     | 25.25                     | 4.40                        | 15.52                                       | 45.17                                        | 74.00        | 28.83  |
|         | 1204.960                     | 25.29                     | 4.59                        | 15.09                                       | 44.97                                        | 74.00        | 29.03  |
|         | 2137.360                     | 28.10                     | 6.04                        | 15.44                                       | 49.58                                        | 74.00        | 24.42  |
|         | 2560.720                     | 29.05                     | 6.57                        | 16.94                                       | 52.56                                        | 74.00        | 21.44  |
|         | 2641.360                     | 29.40                     | 6.69                        | 15.48                                       | 51.57                                        | 74.00        | 22.43  |
| Average | 1104.160                     | 25.25                     | 4.40                        | 3.52                                        | 33.17                                        | 54.00        | 20.83  |
|         | 1204.960                     | 25.29                     | 4.59                        | 3.09                                        | 32.97                                        | 54.00        | 21.03  |
|         | 2137.360                     | 28.10                     | 6.04                        | 3.44                                        | 37.58                                        | 54.00        | 16.42  |
|         | 2560.720                     | 29.05                     | 6.57                        | 4.94                                        | 40.56                                        | 54.00        | 13.44  |
|         | 2641.360                     | 29.40                     | 6.69                        | 2.48                                        | 38.57                                        | 54.00        | 15.43  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Jun. 13, 2006 Temperature : 26EUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Receiving Mode, Frequency: 2480MHz (CH78) Test Voltage : DC 3.7V

|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Horizontal<br>dB $\mu$ V/m | Emission Level<br>Horizontal<br>dB $\mu$ V/m | Limits<br>dB | Margin |
|---------|------------------------------|---------------------------|-----------------------------|---------------------------------------------|----------------------------------------------|--------------|--------|
| Peak    | 2560.720                     | 29.05                     | 6.57                        | 9.96                                        | 45.58                                        | 74.00        | 28.42  |
|         | 2641.360                     | 29.40                     | 6.69                        | 10.34                                       | 46.43                                        | 74.00        | 27.57  |
| Average | 2560.720                     | 29.05                     | 6.57                        | 1.96                                        | 37.58                                        | 54.00        | 16.42  |
|         | 2641.360                     | 29.40                     | 6.69                        | 2.34                                        | 38.43                                        | 54.00        | 15.57  |
|         | Emission<br>Frequency<br>MHz | Antenna<br>Factor<br>dB/m | Cable<br>Loss<br>dB $\mu$ V | Meter Reading<br>Vertical<br>dB $\mu$ V/m   | Emission Level<br>Vertical<br>dB $\mu$ V/m   | Limits<br>dB | Margin |
| Peak    | 1204.960                     | 25.29                     | 4.59                        | 11.44                                       | 41.32                                        | 74.00        | 32.68  |
|         | 1603.120                     | 25.95                     | 6.18                        | 11.89                                       | 44.02                                        | 74.00        | 29.98  |
|         | 2132.320                     | 28.09                     | 6.03                        | 11.66                                       | 45.78                                        | 74.00        | 28.22  |
|         | 2560.720                     | 29.05                     | 6.57                        | 12.10                                       | 47.72                                        | 74.00        | 26.28  |
|         | 2641.360                     | 29.40                     | 6.69                        | 11.22                                       | 47.31                                        | 74.00        | 26.69  |
| Average | 1204.960                     | 25.29                     | 4.59                        | 3.44                                        | 33.32                                        | 54.00        | 20.68  |
|         | 1603.120                     | 25.95                     | 6.18                        | 3.89                                        | 36.02                                        | 54.00        | 17.98  |
|         | 2132.320                     | 28.09                     | 6.03                        | 3.66                                        | 37.78                                        | 54.00        | 16.22  |
|         | 2560.720                     | 29.05                     | 6.57                        | 4.10                                        | 39.72                                        | 54.00        | 14.28  |
|         | 2641.360                     | 29.40                     | 6.69                        | 3.22                                        | 39.31                                        | 54.00        | 14.69  |

Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

## 3.6.3. Restricted Bands Measurement Results

## 3.6.3.1. WLAN (802.11b)

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

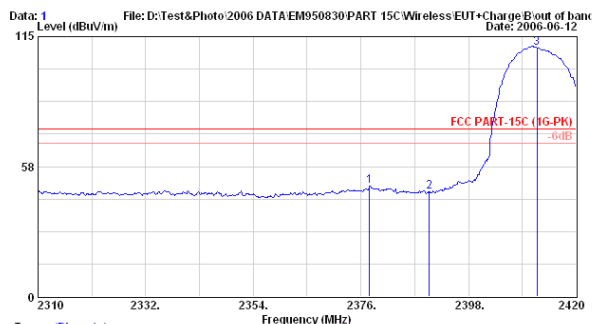
Test Mode : Transmitting Mode, Frequency: 2412MHz (CH1) Test Voltage : AC 120V/60Hz

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Horizontal dB $\mu$ V/m | Emission Level Horizontal dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|---------------------------------------|----------------------------------------|-----------|--------|
| Peak *    | 2377.760               | 28.58               | 6.32                  | 14.03                                 | 48.93                                  | 74.00     | 25.07  |
|           | 2390.000               | 28.59               | 6.34                  | 11.29                                 | 46.22                                  | 74.00     | 27.78  |
| Average * | 2379.580               | 28.58               | 6.32                  | 0.23                                  | 35.13                                  | 54.00     | 18.87  |
|           | 2390.000               | 28.59               | 6.34                  | -2.15                                 | 32.78                                  | 54.00     | 21.22  |

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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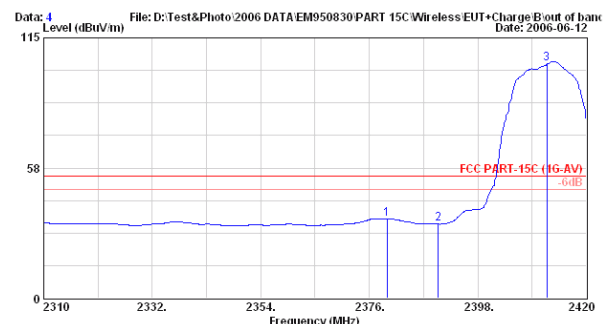
Site no. : A/C Chamber Data no. : 1  
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL  
 Limit : FCC PART-15C (1G-PK)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : 120Vac/60Hz  
 Test Mode : CH1(802.11b)  
 M/N: HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2377.760    | 28.58              | 6.32            | 14.03                | 48.93                         | 74.00                 | 25.07       | Peak   |
| 2 | 2390.000    | 28.59              | 6.34            | 11.29                | 46.22                         | 74.00                 | 27.78       | Peak   |
| 3 | 2412.000    | 28.64              | 6.36            | 75.12                | 110.13                        | 74.00                 | -36.13      | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



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Site no. : A/C Chamber Data no. : 4  
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL  
 Limit : FCC PART-15C (1G-AV)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : 120Vac/60Hz  
 Test Mode : CH1(802.11b)  
 M/N: HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2379.580    | 28.58              | 6.32            | 0.23                 | 35.14                         | 54.00                 | 18.86       | Average |
| 2 | 2390.000    | 28.59              | 6.34            | -2.15                | 32.78                         | 54.00                 | 21.22       | Average |
| 3 | 2412.000    | 28.64              | 6.36            | 68.43                | 103.44                        | 54.00                 | -49.44      | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

Test Mode : Transmitting Mode, Frequency: 2412MHz (CH1) Test Voltage : AC 120V/60Hz

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Vertical dB $\mu$ V/m | Emission Level Vertical dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|-------------------------------------|--------------------------------------|-----------|--------|
| Peak *    | 2380.980               | 28.58               | 6.33                  | 13.24                               | 48.15                                | 74.00     | 25.85  |
|           | 2390.000               | 28.59               | 6.34                  | 10.86                               | 45.79                                | 74.00     | 28.21  |
| Average * | 2378.880               | 28.58               | 6.32                  | -0.35                               | 34.55                                | 54.00     | 19.45  |
|           | 2390.000               | 28.59               | 6.34                  | -1.51                               | 33.42                                | 54.00     | 20.58  |

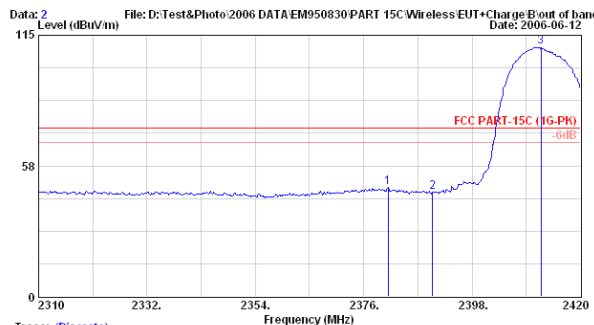
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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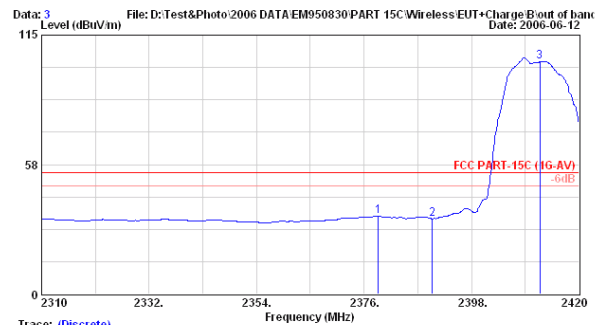
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Trace: (Discrete)  
 Site no. : A/C Chamber Data no. : 2  
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL  
 Limit : FCC PART-15C (1G-PK)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : 120Vac/60Hz  
 Test Mode : CH1(802.11b)  
 M/N:HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2380.980    | 28.58              | 6.33            | 13.24                | 48.15                         | 74.00                 | 25.85       | Peak   |
| 2 | 2390.000    | 28.59              | 6.34            | 10.86                | 45.79                         | 74.00                 | 28.21       | Peak   |
| 3 | 2412.000    | 28.64              | 6.36            | 74.96                | 109.97                        | 74.00                 | -35.97      | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Trace: (Discrete)  
 Site no. : A/C Chamber Data no. : 3  
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL  
 Limit : FCC PART-15C (1G-AV)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : 120Vac/60Hz  
 Test Mode : CH1(802.11b)  
 M/N:HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2378.880    | 28.58              | 6.32            | -0.35                | 34.55                         | 54.00                 | 19.45       | Average |
| 2 | 2390.000    | 28.59              | 6.34            | -1.51                | 33.43                         | 54.00                 | 20.57       | Average |
| 3 | 2412.000    | 28.64              | 6.36            | 68.32                | 103.33                        | 54.00                 | -49.33      | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

Test Mode : Transmitting Mode, Frequency: 2462MHz (CH11) Test Voltage : AC 120V/60Hz

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Horizontal dB $\mu$ V/m | Emission Level Horizontal dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|---------------------------------------|----------------------------------------|-----------|--------|
| Peak *    | 2483.500               | 28.77               | 6.45                  | 10.51                                 | 45.73                                  | 74.00     | 28.27  |
|           | 2487.020               | 28.77               | 6.45                  | 12.89                                 | 48.11                                  | 74.00     | 25.89  |
| Average * | 2483.500               | 28.77               | 6.45                  | -2.69                                 | 32.53                                  | 54.00     | 21.47  |
|           | 2488.040               | 28.77               | 6.45                  | -0.81                                 | 34.41                                  | 54.00     | 19.59  |

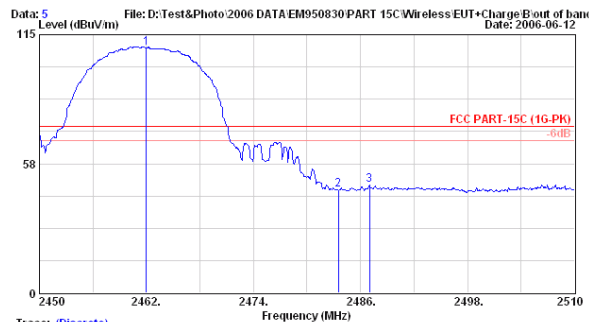
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2483.5-2500MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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Trace: (Discrete)

Site no. : A/C Chamber Data no. : 5

Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL

Limit : FCC PART-15C (1G-PK)

Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang

EUT : Personal Digital Assistant or Pocket PC

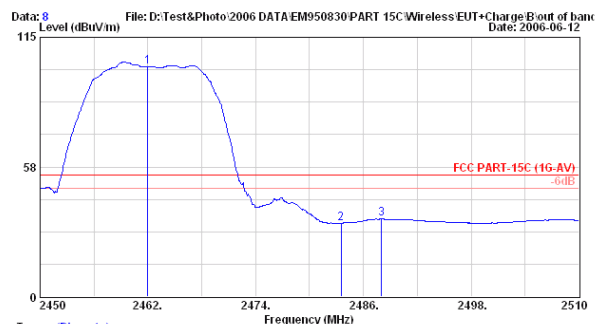
Power Rating : 120Vac/60Hz

Test Mode : CH11(802.11b)

M/N: H8TNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2462.000    | 28.74              | 6.42            | 74.01                | 109.17                        | 74.00                 | -35.17      | Peak   |
| 2 | 2483.500    | 28.77              | 6.45            | 10.51                | 45.74                         | 74.00                 | 28.26       | Peak   |
| 3 | 2487.020    | 28.77              | 6.45            | 12.89                | 48.11                         | 74.00                 | 25.89       | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Trace: (Discrete)

Site no. : A/C Chamber Data no. : 8

Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL

Limit : FCC PART-15C (1G-AV)

Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang

EUT : Personal Digital Assistant or Pocket PC

Power Rating : 120Vac/60Hz

Test Mode : CH11(802.11b)

M/N: H8TNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2462.000    | 28.74              | 6.42            | 66.85                | 102.01                        | 54.00                 | -48.01      | Average |
| 2 | 2483.500    | 28.77              | 6.45            | -2.69                | 32.54                         | 54.00                 | 21.46       | Average |
| 3 | 2488.040    | 28.77              | 6.45            | -0.81                | 34.42                         | 54.00                 | 19.58       | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

Test Mode : Transmitting Mode, Frequency: 2462MHz (CH11) Test Voltage : AC 120V/60Hz

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Vertical dB $\mu$ V/m | Emission Level Vertical dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|-------------------------------------|--------------------------------------|-----------|--------|
| Peak *    | 2483.500               | 28.77               | 6.45                  | 10.54                               | 45.76                                | 74.00     | 28.24  |
|           | 2487.020               | 28.77               | 6.45                  | 12.84                               | 48.06                                | 74.00     | 25.94  |
| Average * | 2483.500               | 28.77               | 6.45                  | -1.02                               | 34.20                                | 54.00     | 19.80  |

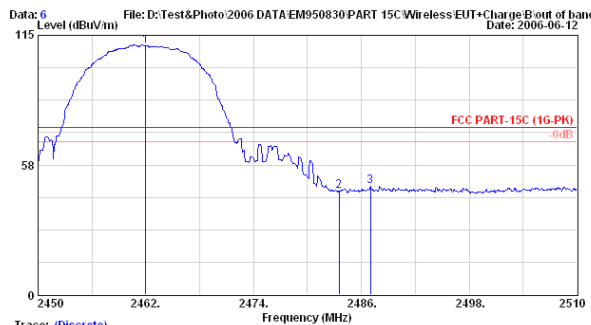
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2483.5-2500MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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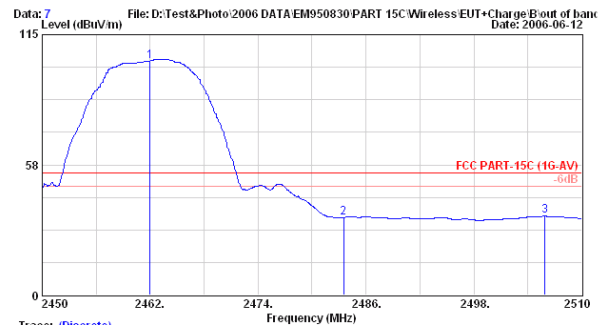
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Site no. : A/C Chamber Data no. : 6  
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL  
 Limit : FCC PART-15C (1G-PK)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : 120Vac/60Hz  
 Test Mode : CH11(802.11b)  
 M/N: H8TNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2462.000    | 28.74              | 6.42            | 75.10                | 110.26                        | 74.00                 | -36.26      | Peak   |
| 2 | 2483.500    | 28.77              | 6.45            | 10.54                | 45.77                         | 74.00                 | 28.23       | Peak   |
| 3 | 2487.020    | 28.77              | 6.45            | 12.84                | 48.06                         | 74.00                 | 25.94       | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : A/C Chamber Data no. : 7  
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL  
 Limit : FCC PART-15C (1G-AV)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : 120Vac/60Hz  
 Test Mode : CH11(802.11b)  
 M/N: H8TNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2462.000    | 28.74              | 6.42            | 68.21                | 103.36                        | 54.00                 | -49.36      | Average |
| 2 | 2483.500    | 28.77              | 6.45            | -1.02                | 34.20                         | 54.00                 | 19.80       | Average |
| 3 | 2505.920    | 28.83              | 6.48            | -0.54                | 34.78                         | 54.00                 | 19.22       | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

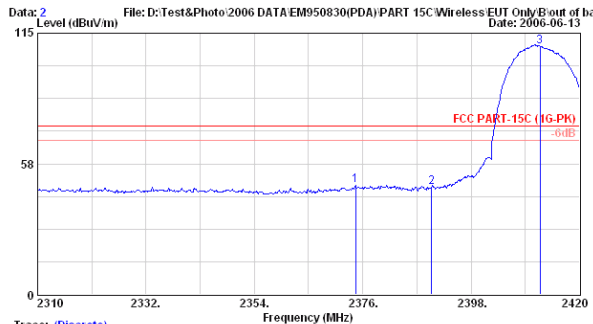
Test Mode : Transmitting Mode, Frequency: 2412MHz (CH1) Test Voltage : DC 3.7V

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Horizontal dB $\mu$ V/m | Emission Level Horizontal dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|---------------------------------------|----------------------------------------|-----------|--------|
| Peak *    | 2374.570               | 28.57               | 6.32                  | 13.23                                 | 48.12                                  | 74.00     | 25.88  |
|           | 2390.000               | 28.59               | 6.34                  | 12.15                                 | 47.08                                  | 74.00     | 26.92  |
| Average * | 2322.870               | 28.48               | 6.25                  | -0.17                                 | 34.56                                  | 54.00     | 19.44  |
|           | 2390.000               | 28.59               | 6.34                  | -0.66                                 | 34.27                                  | 54.00     | 19.73  |

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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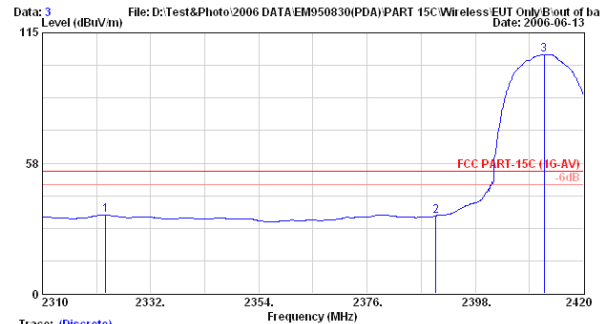
Site no. : A/C Chamber Data no. : 2  
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL  
 Limit : FCC PART-15C (1G-PK)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : DC 3.7V  
 Test Mode : CH1 (802.11b)  
 M/N: HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2374.570    | 28.57              | 6.32            | 13.23                | 48.12                         | 74.00                 | 25.88       | Peak   |
| 2 | 2390.000    | 28.59              | 6.34            | 12.15                | 47.08                         | 74.00                 | 26.91       | Peak   |
| 3 | 2412.000    | 28.64              | 6.36            | 74.15                | 109.16                        | 74.00                 | -35.16      | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



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Site no. : A/C Chamber Data no. : 3  
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL  
 Limit : FCC PART-15C (1G-AV)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : DC 3.7V  
 Test Mode : CH1 (802.11b)  
 M/N: HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2322.870    | 28.48              | 6.25            | -0.17                | 34.56                         | 54.00                 | 19.44       | Average |
| 2 | 2390.000    | 28.59              | 6.34            | -0.66                | 34.28                         | 54.00                 | 19.72       | Average |
| 3 | 2412.000    | 28.64              | 6.36            | 70.15                | 105.16                        | 54.00                 | -51.16      | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

Test Mode : Transmitting Mode, Frequency: 2412MHz (CH1) Test Voltage : DC 3.7V

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Vertical dB $\mu$ V/m | Emission Level Vertical dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|-------------------------------------|--------------------------------------|-----------|--------|
| Peak *    | 2380.620               | 28.58               | 6.33                  | 13.70                               | 48.61                                | 74.00     | 25.39  |
|           | 2390.000               | 28.59               | 6.34                  | 13.74                               | 48.67                                | 74.00     | 25.33  |
| Average * | 2377.870               | 28.58               | 6.32                  | 0.46                                | 35.36                                | 54.00     | 18.64  |
|           | 2390.000               | 28.59               | 6.34                  | -0.43                               | 34.50                                | 54.00     | 19.50  |

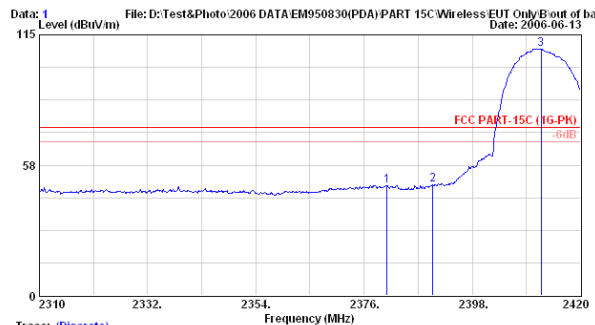
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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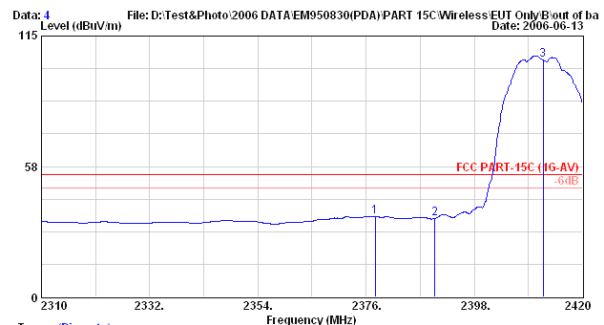
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Site no. : A/C Chamber Data no. : 1  
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL  
 Limit : FCC PART-15C (1G-PK)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : DC 3.7V  
 Test Mode : CH1 (802.11b)  
 M/N: H8TNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2380.620    | 28.58              | 6.33            | 13.70                | 48.61                         | 74.00                 | 25.39       | Peak   |
| 2 | 2390.000    | 28.59              | 6.34            | 13.74                | 48.68                         | 74.00                 | 25.32       | Peak   |
| 3 | 2412.000    | 28.64              | 6.36            | 73.52                | 108.53                        | 74.00                 | -34.53      | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : A/C Chamber Data no. : 4  
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL  
 Limit : FCC PART-15C (1G-AV)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : DC 3.7V  
 Test Mode : CH1 (802.11b)  
 M/N: H8TNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2377.870    | 28.58              | 6.32            | 0.46                 | 35.36                         | 54.00                 | 18.64       | Average |
| 2 | 2390.000    | 28.59              | 6.34            | -0.43                | 34.51                         | 54.00                 | 19.49       | Average |
| 3 | 2412.000    | 28.64              | 6.36            | 69.52                | 104.53                        | 54.00                 | -50.53      | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

Test Mode : Transmitting Mode, Frequency: 2462MHz (CH11) Test Voltage : DC 3.7V

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Horizontal dB $\mu$ V/m | Emission Level Horizontal dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|---------------------------------------|----------------------------------------|-----------|--------|
| Peak *    | 2483.500               | 28.77               | 6.45                  | 18.27                                 | 53.49                                  | 74.00     | 20.51  |
|           | 2483.600               | 28.77               | 6.45                  | 17.87                                 | 53.09                                  | 74.00     | 20.91  |
| Average * | 2483.500               | 28.77               | 6.45                  | 4.24                                  | 39.46                                  | 54.00     | 14.54  |
|           | 2483.600               | 28.77               | 6.45                  | 4.17                                  | 39.39                                  | 54.00     | 14.61  |

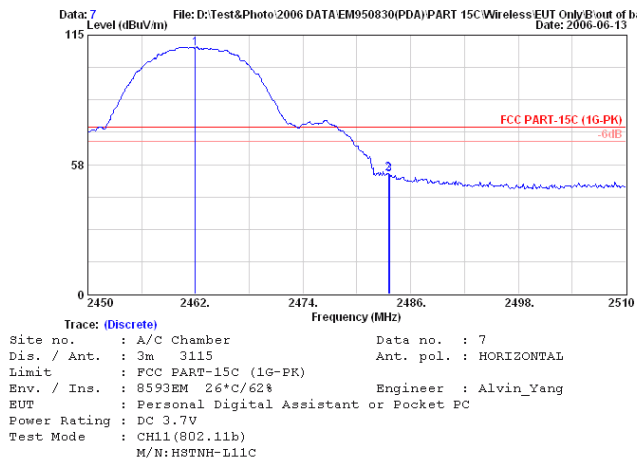
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2483.5-2500MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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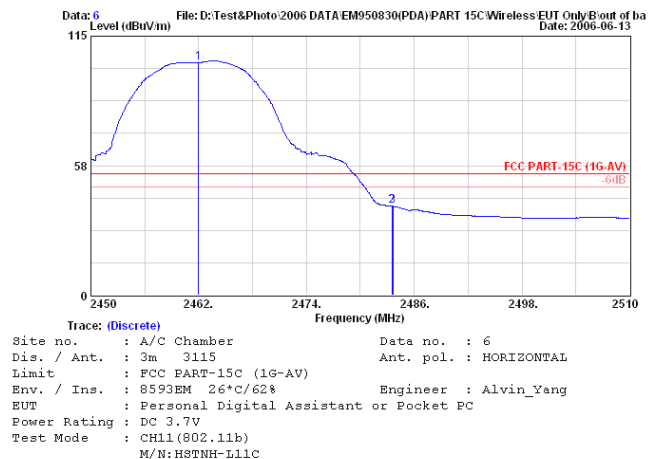


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|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2462.000    | 28.74              | 6.42            | 74.01                | 109.17                        | 74.00                 | -35.17      | Peak   |
| 2 | 2483.500    | 28.77              | 6.45            | 18.27                | 53.50                         | 74.00                 | 20.50       | Peak   |
| 3 | 2483.600    | 28.77              | 6.45            | 17.87                | 53.10                         | 74.00                 | 20.90       | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2462.000    | 28.74              | 6.42            | 67.94                | 103.09                        | 54.00                 | -49.09      | Average |
| 2 | 2483.500    | 28.77              | 6.45            | 4.24                 | 39.47                         | 54.00                 | 14.53       | Average |
| 3 | 2483.600    | 28.77              | 6.45            | 4.17                 | 39.40                         | 54.00                 | 14.60       | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

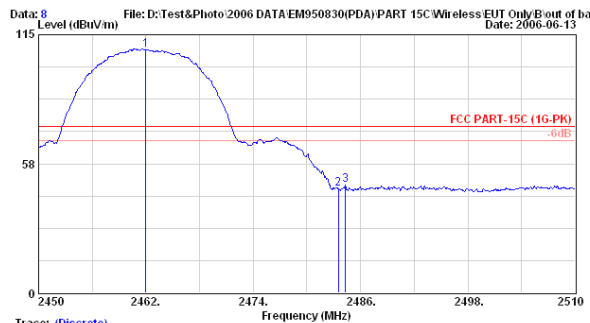
Test Mode : Transmitting Mode, Frequency: 2462MHz (CH11) Test Voltage : DC 3.7V

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Vertical dB $\mu$ V/m | Emission Level Vertical dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|-------------------------------------|--------------------------------------|-----------|--------|
| Peak *    | 2483.500               | 28.77               | 6.45                  | 11.30                               | 46.52                                | 74.00     | 27.48  |
|           | 2484.320               | 28.77               | 6.45                  | 12.95                               | 48.17                                | 74.00     | 25.83  |
| Average * | 2483.500               | 28.77               | 6.45                  | -2.24                               | 32.98                                | 54.00     | 21.02  |

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2483.5-2500MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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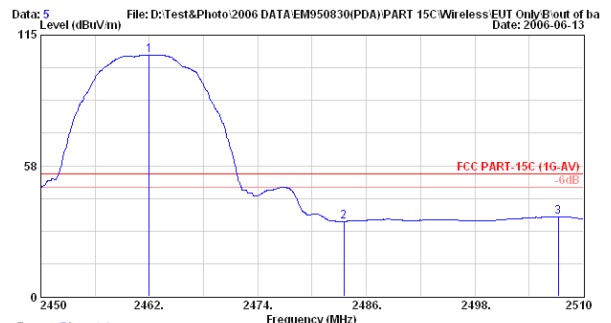


|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2462.000    | 28.74              | 6.42            | 72.93                | 108.09                        | 74.00                 | -34.09      | Peak   |
| 2 | 2483.500    | 28.77              | 6.45            | 11.30                | 46.53                         | 74.00                 | 27.47       | Peak   |
| 3 | 2484.320    | 28.77              | 6.45            | 12.95                | 48.17                         | 74.00                 | 25.83       | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



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|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2462.000    | 28.74              | 6.42            | 70.95                | 106.11                        | 54.00                 | -52.11      | Average |
| 2 | 2483.500    | 28.77              | 6.45            | -2.24                | 32.98                         | 54.00                 | 21.02       | Average |
| 3 | 2507.240    | 28.83              | 6.48            | -0.21                | 35.11                         | 54.00                 | 18.89       | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

## 3.6.3.2. WLAN (802.11g)

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

Test Mode : Transmitting Mode, Frequency: 2412MHz (CH1) Test Voltage : AC 120V/60Hz

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Horizontal dB $\mu$ V/m | Emission Level Horizontal dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|---------------------------------------|----------------------------------------|-----------|--------|
| Peak *    | 2389.660               | 28.59               | 6.34                  | 21.89                                 | 56.82                                  | 74.00     | 17.18  |
|           | 2390.000               | 28.59               | 6.34                  | 20.25                                 | 55.18                                  | 74.00     | 18.82  |
| Average * | 2389.800               | 28.59               | 6.34                  | 1.78                                  | 36.71                                  | 54.00     | 17.29  |
|           | 2390.000               | 28.59               | 6.34                  | 1.80                                  | 36.73                                  | 54.00     | 17.27  |

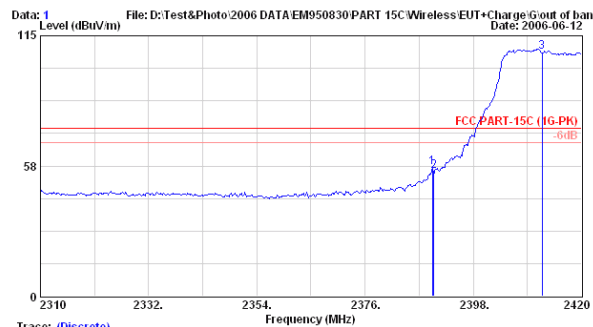
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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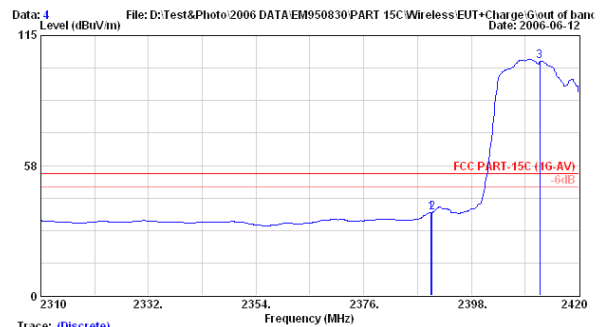
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Trace: (Discrete)  
 Site no. : A/C Chamber Data no. : 1  
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL  
 Limit : FCC PART-15C (1G-PK)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : 120Vac/60Hz  
 Test Mode : CH1(802.11g)  
 M/N: H8TNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2389.660    | 28.59              | 6.34            | 21.89                | 56.83                         | 74.00                 | 17.17       | Peak   |
| 2 | 2390.000    | 28.59              | 6.34            | 20.25                | 55.18                         | 74.00                 | 18.82       | Peak   |
| 3 | 2412.000    | 28.64              | 6.36            | 72.96                | 107.97                        | 74.00                 | -33.97      | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Trace: (Discrete)  
 Site no. : A/C Chamber Data no. : 4  
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL  
 Limit : FCC PART-15C (1G-AV)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : 120Vac/60Hz  
 Test Mode : CH1(802.11g)  
 M/N: H8TNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2389.800    | 28.59              | 6.34            | 1.78                 | 36.71                         | 54.00                 | 17.29       | Average |
| 2 | 2390.000    | 28.59              | 6.34            | 1.80                 | 36.73                         | 54.00                 | 17.27       | Average |
| 3 | 2412.000    | 28.64              | 6.36            | 68.54                | 103.55                        | 54.00                 | -49.55      | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

Test Mode : Transmitting Mode, Frequency: 2412MHz (CH1) Test Voltage : AC 120V/60Hz

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Vertical dB $\mu$ V/m | Emission Level Vertical dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|-------------------------------------|--------------------------------------|-----------|--------|
| Peak *    | 2389.800               | 28.59               | 6.34                  | 15.90                               | 50.83                                | 74.00     | 23.17  |
|           | 2390.000               | 28.59               | 6.34                  | 16.31                               | 51.24                                | 74.00     | 22.76  |
| Average * | 2389.800               | 28.59               | 6.34                  | 0.32                                | 35.25                                | 54.00     | 18.75  |
|           | 2390.000               | 28.59               | 6.34                  | 0.34                                | 35.27                                | 54.00     | 18.73  |

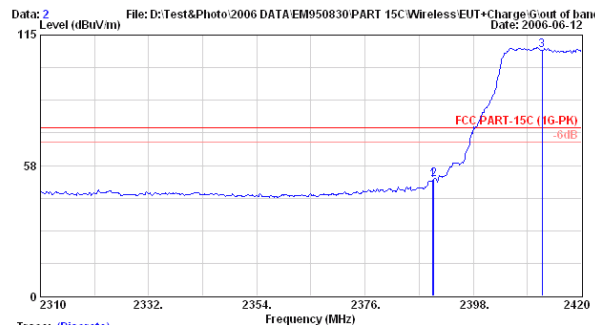
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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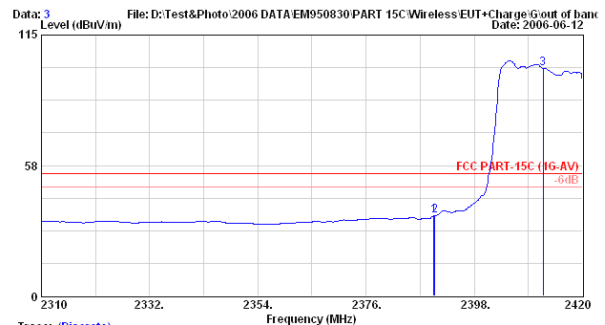
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Trace: (Discrete)  
 Site no. : A/C Chamber Data no. : 2  
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL  
 Limit : FCC PART-15C (1G-PK)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : 120Vac/60Hz  
 Test Mode : CH1(802.11g)  
 M/N:HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2389.800    | 28.59              | 6.34            | 15.90                | 50.84                         | 74.00                 | 23.16       | Peak   |
| 2 | 2390.000    | 28.59              | 6.34            | 16.31                | 51.25                         | 74.00                 | 22.75       | Peak   |
| 3 | 2412.000    | 28.64              | 6.36            | 73.15                | 108.16                        | 74.00                 | -34.16      | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Trace: (Discrete)  
 Site no. : A/C Chamber Data no. : 3  
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL  
 Limit : FCC PART-15C (1G-AV)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : 120Vac/60Hz  
 Test Mode : CH1(802.11g)  
 M/N:HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2389.800    | 28.59              | 6.34            | 0.32                 | 35.25                         | 54.00                 | 18.75       | Average |
| 2 | 2390.000    | 28.59              | 6.34            | 0.34                 | 35.27                         | 54.00                 | 18.73       | Average |
| 3 | 2412.000    | 28.64              | 6.36            | 65.45                | 100.46                        | 54.00                 | -46.46      | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

Test Mode : Transmitting Mode, Frequency: 2462MHz (CH11) Test Voltage : AC 120V/60Hz

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Horizontal dB $\mu$ V/m | Emission Level Horizontal dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|---------------------------------------|----------------------------------------|-----------|--------|
| Peak *    | 2483.500               | 28.77               | 6.45                  | 19.70                                 | 54.92                                  | 74.00     | 19.08  |
|           | 2483.600               | 28.77               | 6.45                  | 19.03                                 | 54.25                                  | 74.00     | 19.75  |
| Average * | 2483.500               | 28.77               | 6.45                  | 2.62                                  | 37.84                                  | 54.00     | 16.16  |
|           | 2483.600               | 28.77               | 6.45                  | 2.23                                  | 37.45                                  | 54.00     | 16.55  |

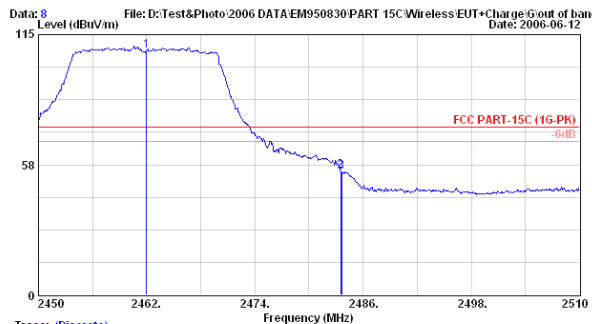
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2483.5-2500MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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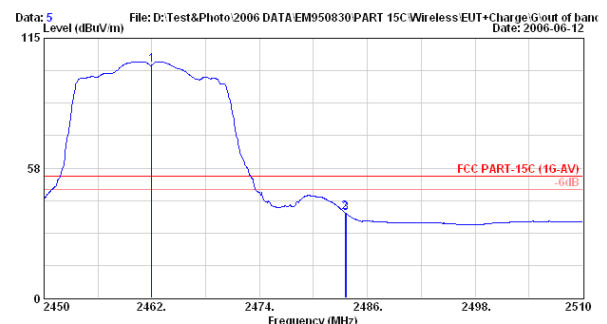
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Site no. : A/C Chamber Data no. : 8  
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL  
 Limit : FCC PART-15C (1G-PK)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : 120Vac/60Hz  
 Test Mode : CH11(802.11g)  
 M/N:HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2462.000    | 28.74              | 6.42            | 72.60                | 107.76                        | 74.00                 | -33.76      | Peak   |
| 2 | 2483.500    | 28.77              | 6.45            | 19.70                | 54.92                         | 74.00                 | 19.08       | Peak   |
| 3 | 2483.600    | 28.77              | 6.45            | 19.03                | 54.26                         | 74.00                 | 19.74       | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : A/C Chamber Data no. : 5  
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL  
 Limit : FCC PART-15C (1G-AV)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : 120Vac/60Hz  
 Test Mode : CH11(802.11g)  
 M/N:HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2462.000    | 28.74              | 6.42            | 67.87                | 103.03                        | 54.00                 | -49.03      | Average |
| 2 | 2483.500    | 28.77              | 6.45            | 2.62                 | 37.85                         | 54.00                 | 16.15       | Average |
| 3 | 2483.600    | 28.77              | 6.45            | 2.23                 | 37.46                         | 54.00                 | 16.54       | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

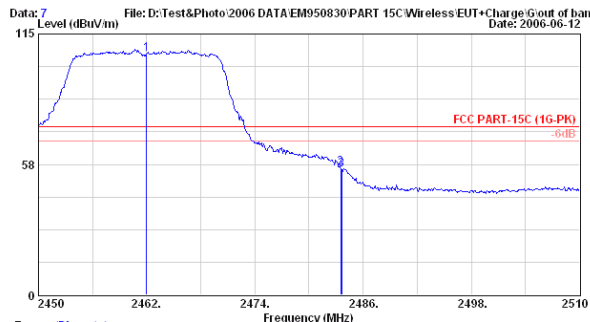
Test Mode : Transmitting Mode, Frequency: 2462MHz (CH11) Test Voltage : AC 120V/60Hz

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Vertical dB $\mu$ V/m | Emission Level Vertical dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|-------------------------------------|--------------------------------------|-----------|--------|
| Peak *    | 2483.500               | 28.77               | 6.45                  | 20.79                               | 56.01                                | 74.00     | 17.99  |
|           | 2483.600               | 28.77               | 6.45                  | 19.91                               | 55.13                                | 74.00     | 18.87  |
| Average * | 2483.500               | 28.77               | 6.45                  | 1.58                                | 36.80                                | 54.00     | 17.20  |
|           | 2483.600               | 28.77               | 6.45                  | 1.48                                | 36.70                                | 54.00     | 17.30  |

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2483.5-2500MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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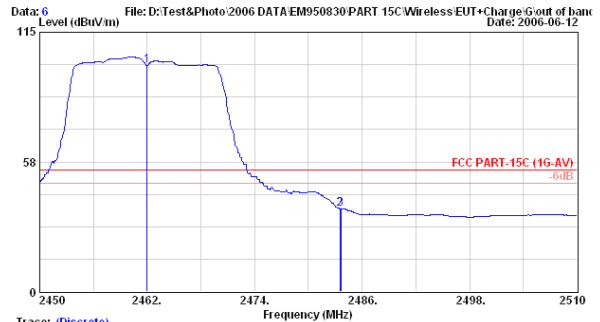
Site no. : A/C Chamber Data no. : 7  
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL  
 Limit : FCC PART-15C (1G-PK)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : 120Vac/60Hz  
 Test Mode : CH11(802.11g)  
 M/N: HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2462.000    | 28.74              | 6.42            | 70.98                | 106.13                        | 74.00                 | -32.13      | Peak   |
| 2 | 2483.500    | 28.77              | 6.45            | 20.79                | 56.01                         | 74.00                 | 17.99       | Peak   |
| 3 | 2483.600    | 28.77              | 6.45            | 19.91                | 55.14                         | 74.00                 | 18.86       | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



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Site no. : A/C Chamber Data no. : 6  
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL  
 Limit : FCC PART-15C (1G-AV)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : 120Vac/60Hz  
 Test Mode : CH11(802.11g)  
 M/N: HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2462.000    | 28.74              | 6.42            | 65.00                | 100.16                        | 54.00                 | -46.16      | Average |
| 2 | 2483.500    | 28.77              | 6.45            | 1.58                 | 36.80                         | 54.00                 | 17.20       | Average |
| 3 | 2483.600    | 28.77              | 6.45            | 1.48                 | 36.71                         | 54.00                 | 17.29       | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

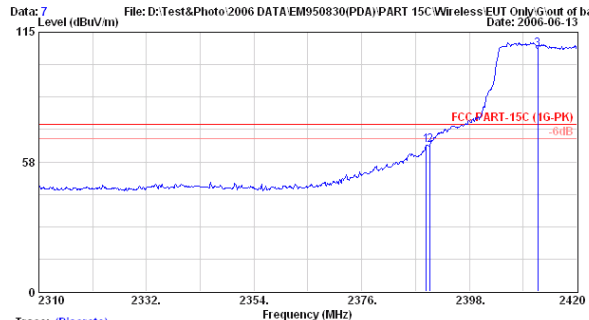
Test Mode : Transmitting Mode, Frequency: 2412MHz (CH1) Test Voltage : DC 3.7V

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Horizontal dB $\mu$ V/m | Emission Level Horizontal dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|---------------------------------------|----------------------------------------|-----------|--------|
| Peak *    | 2389.200               | 28.59               | 6.34                  | 29.76                                 | 64.69                                  | 74.00     | 9.31   |
|           | 2390.000               | 28.59               | 6.34                  | 30.01                                 | 64.94                                  | 74.00     | 9.06   |
| Average * | 2344.540               | 28.51               | 6.28                  | 0.53                                  | 35.32                                  | 54.00     | 18.68  |
|           | 2390.000               | 28.59               | 6.34                  | 3.05                                  | 37.98                                  | 54.00     | 16.02  |

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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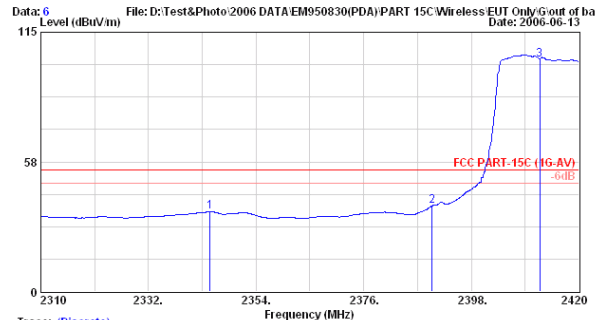
Site no. : A/C Chamber Data no. : 7  
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL  
 Limit : FCC PART-15C (1G-PK)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : DC 3.7V  
 Test Mode : CH1(802.11g)  
 M/N: H8TNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2389.200    | 28.59              | 6.34            | 29.76                | 64.69                         | 74.00                 | 9.31        | Peak   |
| 2 | 2390.000    | 28.59              | 6.34            | 30.01                | 64.95                         | 74.00                 | 9.05        | Peak   |
| 3 | 2412.000    | 28.64              | 6.36            | 72.47                | 107.48                        | 74.00                 | -33.48      | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



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Site no. : A/C Chamber Data no. : 6  
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL  
 Limit : FCC PART-15C (1G-AV)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : DC 3.7V  
 Test Mode : CH1(802.11g)  
 M/N: H8TNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark    |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|-----------|
| 1 | 2344.540    | 28.51              | 6.28            | 0.53                 | 35.33                         | 54.00                 | 18.67       | Average   |
| 2 | 2390.000    | 28.59              | 6.34            | 3.05                 | 37.99                         | 54.00                 | 16.01       | Average   |
| 3 | 2412.000    | 28.64              | 6.36            | 67.89                | 102.90                        | 54.00                 | -48.90      | Average X |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

Test Mode : Transmitting Mode, Frequency: 2412MHz (CH1) Test Voltage : DC 3.7V

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Vertical dB $\mu$ V/m | Emission Level Vertical dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|-------------------------------------|--------------------------------------|-----------|--------|
| Peak *    | 2389.640               | 28.59               | 6.34                  | 24.74                               | 59.67                                | 74.00     | 14.33  |
|           | 2390.000               | 28.59               | 6.34                  | 24.58                               | 59.51                                | 74.00     | 14.49  |
| Average * | 2389.200               | 28.59               | 6.34                  | 0.15                                | 35.08                                | 54.00     | 18.92  |
|           | 2390.000               | 28.59               | 6.34                  | 0.18                                | 35.11                                | 54.00     | 18.89  |

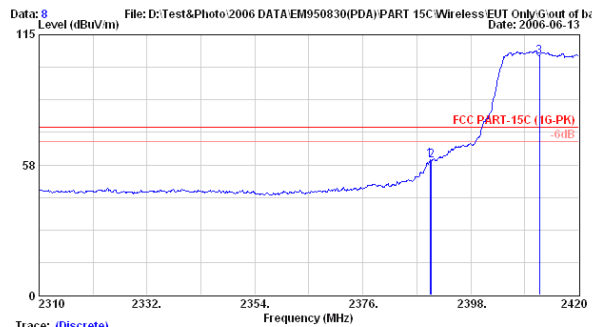
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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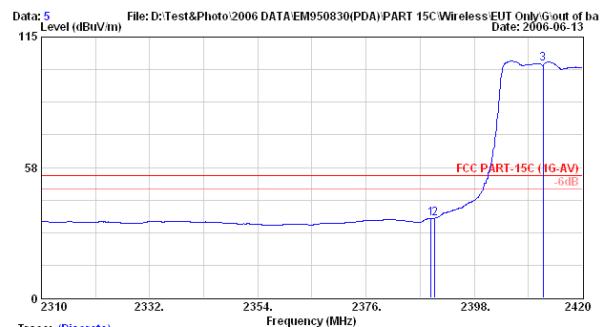
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Site no. : A/C Chamber Data no. : 8  
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL  
 Limit : FCC PART-15C (1G-PK)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : DC 3.7V  
 Test Mode : CH1(802.11g)  
 M/N: HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2389.640    | 28.59              | 6.34            | 24.74                | 59.68                         | 74.00                 | 14.32       | Peak   |
| 2 | 2390.000    | 28.59              | 6.34            | 24.58                | 59.52                         | 74.00                 | 14.48       | Peak   |
| 3 | 2412.000    | 28.64              | 6.36            | 70.51                | 105.52                        | 74.00                 | -31.52      | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : A/C Chamber Data no. : 5  
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL  
 Limit : FCC PART-15C (1G-AV)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : DC 3.7V  
 Test Mode : CH1(802.11g)  
 M/N: HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2389.200    | 28.59              | 6.34            | 0.15                 | 35.08                         | 54.00                 | 18.92       | Average |
| 2 | 2390.000    | 28.59              | 6.34            | 0.18                 | 35.12                         | 54.00                 | 18.88       | Average |
| 3 | 2412.000    | 28.64              | 6.36            | 68.20                | 103.21                        | 54.00                 | -49.21      | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

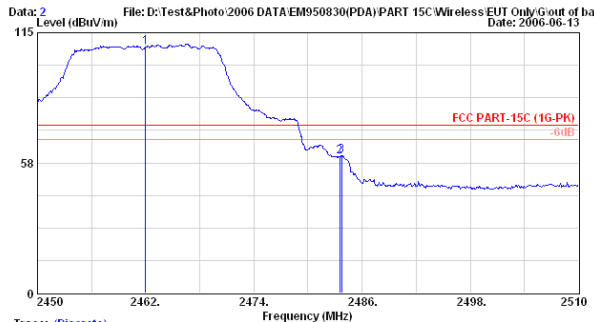
Test Mode : Transmitting Mode, Frequency: 2462MHz (CH11) Test Voltage : DC 3.7V

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Horizontal dB $\mu$ V/m | Emission Level Horizontal dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|---------------------------------------|----------------------------------------|-----------|--------|
| Peak *    | 2483.500               | 28.77               | 6.45                  | 25.05                                 | 60.27                                  | 74.00     | 13.73  |
|           | 2483.720               | 28.77               | 6.45                  | 25.33                                 | 60.55                                  | 74.00     | 13.45  |
| Average * | 2483.500               | 28.77               | 6.45                  | 0.28                                  | 35.50                                  | 54.00     | 18.50  |
|           | 2490.440               | 28.79               | 6.46                  | 0.77                                  | 36.02                                  | 54.00     | 17.98  |

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2483.5-2500MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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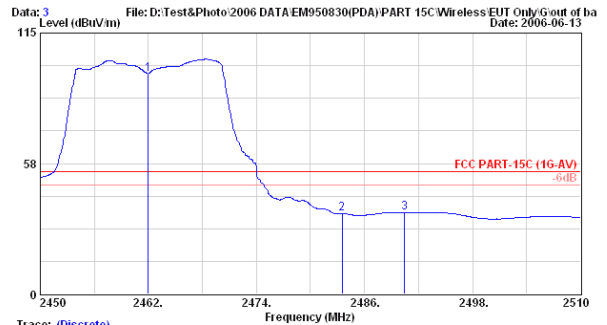
Site no. : A/C Chamber Data no. : 2  
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL  
 Limit : FCC PART-15C (1G-PK)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : DC 3.7V  
 Test Mode : CH11(802.11g)  
 M/N: HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2462.000    | 28.74              | 6.42            | 73.37                | 108.52                        | 74.00                 | -34.52      | Peak   |
| 2 | 2483.500    | 28.77              | 6.45            | 25.05                | 60.28                         | 74.00                 | 13.72       | Peak   |
| 3 | 2483.720    | 28.77              | 6.45            | 25.33                | 60.55                         | 74.00                 | 13.45       | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



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Site no. : A/C Chamber Data no. : 3  
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL  
 Limit : FCC PART-15C (1G-AV)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : DC 3.7V  
 Test Mode : CH11(802.11g)  
 M/N: HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2462.000    | 28.74              | 6.42            | 61.91                | 97.07                         | 54.00                 | -43.07      | Average |
| 2 | 2483.500    | 28.77              | 6.45            | 0.28                 | 35.50                         | 54.00                 | 18.50       | Average |
| 3 | 2490.440    | 28.79              | 6.46            | 0.77                 | 36.01                         | 54.00                 | 17.99       | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

Test Mode : Transmitting Mode, Frequency: 2462MHz (CH11) Test Voltage : DC 3.7V

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Vertical dB $\mu$ V/m | Emission Level Vertical dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|-------------------------------------|--------------------------------------|-----------|--------|
| Peak *    | 2483.500               | 28.77               | 6.45                  | 24.08                               | 59.30                                | 74.00     | 14.70  |
|           | 5483.840               | 28.77               | 6.45                  | 24.35                               | 59.57                                | 74.00     | 14.43  |
| Average * | 2483.500               | 28.77               | 6.45                  | 3.68                                | 38.90                                | 54.00     | 15.10  |
|           | 2483.600               | 28.77               | 6.45                  | 3.55                                | 38.77                                | 54.00     | 15.23  |

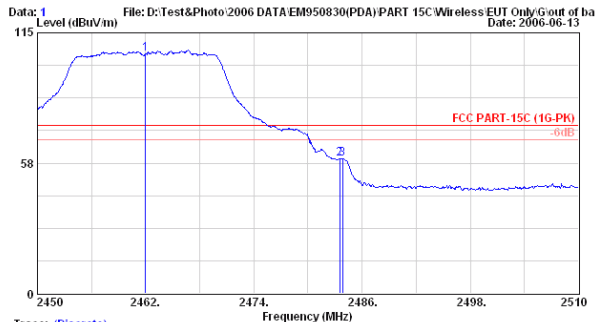
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2483.5-2500MHz).  
 3. “\*” The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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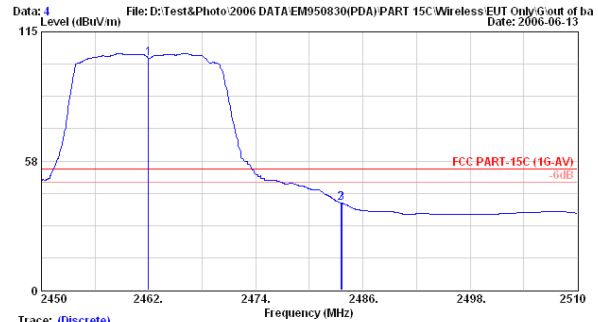
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Site no. : A/C Chamber Data no. : 1  
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL  
 Limit : FCC PART-15C (16-PK)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : DC 3.7V  
 Test Mode : CH11(802.11g)  
 M/N:HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2462.000    | 28.74              | 6.42            | 70.49                | 105.65                        | 74.00                 | -31.65      | Peak   |
| 2 | 2483.500    | 28.77              | 6.45            | 24.08                | 59.30                         | 74.00                 | 14.70       | Peak   |
| 3 | 2483.840    | 28.77              | 6.45            | 24.35                | 59.57                         | 74.00                 | 14.43       | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : A/C Chamber Data no. : 4  
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL  
 Limit : FCC PART-15C (16-AV)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : DC 3.7V  
 Test Mode : CH11(802.11g)  
 M/N:HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2462.000    | 28.74              | 6.42            | 68.00                | 103.15                        | 54.00                 | -49.15      | Average |
| 2 | 2483.500    | 28.77              | 6.45            | 3.68                 | 38.90                         | 54.00                 | 15.10       | Average |
| 3 | 2483.600    | 28.77              | 6.45            | 3.55                 | 38.78                         | 54.00                 | 15.22       | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

## 3.6.3.3. Bluetooth

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

Test Mode : Transmitting Mode, Frequency: 2402MHz (CH0) Test Voltage : AC 120V/60Hz

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Horizontal dB $\mu$ V/m | Emission Level Horizontal dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|---------------------------------------|----------------------------------------|-----------|--------|
| Peak *    | 2381.170               | 28.58               | 6.33                  | 13.06                                 | 47.97                                  | 74.00     | 26.03  |
|           | 2390.000               | 28.59               | 6.34                  | 10.05                                 | 44.98                                  | 74.00     | 29.02  |
| Average * | 2380.620               | 28.58               | 6.33                  | -1.45                                 | 33.46                                  | 54.00     | 20.54  |
|           | 2390.000               | 28.59               | 6.34                  | -3.07                                 | 31.86                                  | 54.00     | 22.14  |

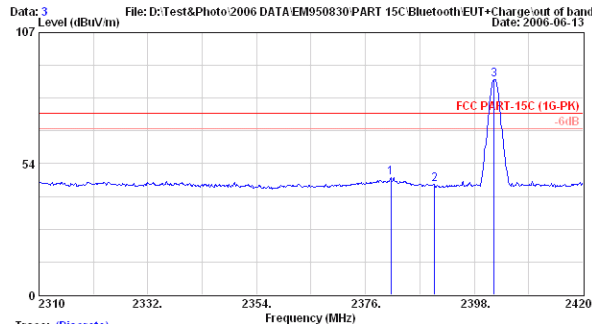
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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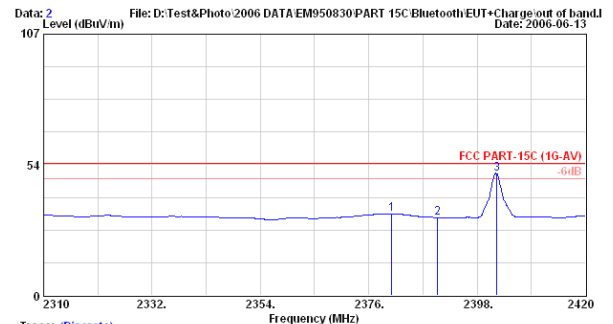
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Site no. : A/C Chamber Data no. : 3  
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL  
 Limit : FCC PART-15C (1G-PK)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : 120Vac/60Hz  
 Test Mode : CH0  
 M/N: H8TNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2381.170    | 28.58              | 6.33            | 13.06                | 47.97                         | 74.00                 | 26.03       | Peak   |
| 2 | 2390.000    | 28.59              | 6.34            | 10.05                | 44.99                         | 74.00                 | 29.01       | Peak   |
| 3 | 2402.000    | 28.62              | 6.36            | 52.69                | 87.66                         | 74.00                 | -13.66      | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : A/C Chamber Data no. : 2  
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL  
 Limit : FCC PART-15C (1G-AV)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : 120Vac/60Hz  
 Test Mode : CH0  
 M/N: H8TNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2380.620    | 28.58              | 6.33            | -1.45                | 33.46                         | 54.00                 | 20.54       | Average |
| 2 | 2390.000    | 28.59              | 6.34            | -3.07                | 31.87                         | 54.00                 | 22.13       | Average |
| 3 | 2402.000    | 28.62              | 6.36            | 14.98                | 49.96                         | 54.00                 | 4.04        | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

Test Mode : Transmitting Mode, Frequency: 2402MHz (CH0) Test Voltage : AC 120V/60Hz

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Vertical dB $\mu$ V/m | Emission Level Vertical dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|-------------------------------------|--------------------------------------|-----------|--------|
| Peak *    | 2320.120               | 28.46               | 6.25                  | 12.32                               | 47.03                                | 74.00     | 26.97  |
|           | 2390.000               | 28.59               | 6.34                  | 9.98                                | 44.91                                | 74.00     | 29.09  |
| Average * | 2383.920               | 28.59               | 6.33                  | -0.94                               | 33.98                                | 54.00     | 20.02  |
|           | 2390.000               | 28.59               | 6.34                  | -2.96                               | 31.97                                | 54.00     | 22.03  |

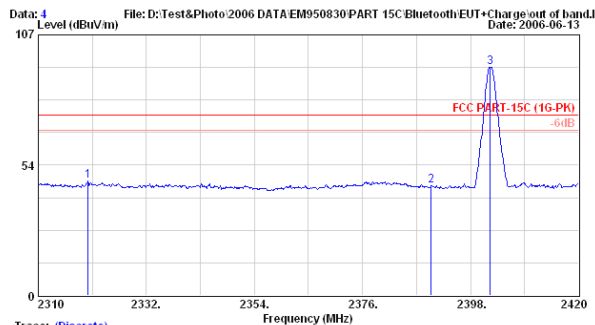
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.

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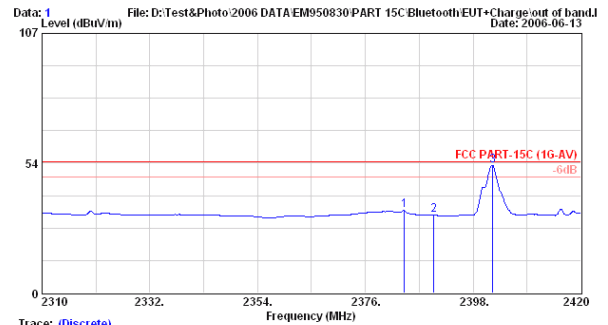
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Site no. : A/C Chamber Data no. : 4  
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL  
 Limit : FCC PART-15C (1G-PK)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : 120Vac/60Hz  
 Test Mode : CH0  
 M/N: HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2320.120    | 28.46              | 6.25            | 12.32                | 47.03                         | 74.00                 | 26.97       | Peak   |
| 2 | 2390.000    | 28.59              | 6.34            | 9.98                 | 44.92                         | 74.00                 | 29.08       | Peak   |
| 3 | 2402.000    | 28.62              | 6.36            | 58.77                | 93.75                         | 74.00                 | -19.75      | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : A/C Chamber Data no. : 1  
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL  
 Limit : FCC PART-15C (1G-AV)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : 120Vac/60Hz  
 Test Mode : CH0  
 M/N: HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2383.920    | 28.59              | 6.33            | -0.94                | 33.99                         | 54.00                 | 20.01       | Average |
| 2 | 2390.000    | 28.59              | 6.34            | -2.96                | 31.98                         | 54.00                 | 22.02       | Average |
| 3 | 2402.000    | 28.62              | 6.36            | 17.45                | 52.42                         | 54.00                 | 1.58        | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

Test Mode : Transmitting Mode, Frequency: 2480MHz (CH78) Test Voltage : AC 120V/60Hz

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Horizontal dB $\mu$ V/m | Emission Level Horizontal dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|---------------------------------------|----------------------------------------|-----------|--------|
| Peak *    | 2483.500               | 28.77               | 6.45                  | 9.38                                  | 44.60                                  | 74.00     | 29.40  |
| Average * | 2483.500               | 28.77               | 6.45                  | -2.12                                 | 33.10                                  | 54.00     | 20.90  |

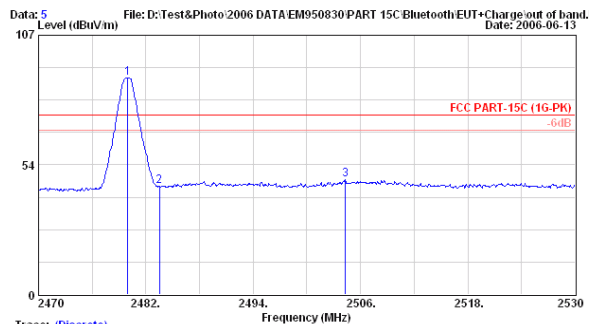
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2483.5-2500MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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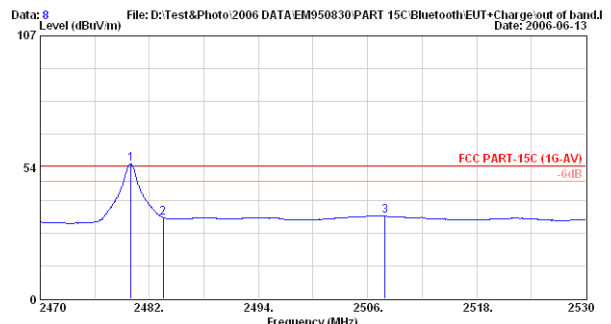
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Site no. : A/C Chamber Data no. : 5  
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL  
 Limit : FCC PART-15C (1G-PK)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : 120Vac/60Hz  
 Test Mode : CH78  
 M/N: H8TNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2480.000    | 28.76              | 6.44            | 54.35                | 89.55                         | 74.00                 | -15.55      | Peak   |
| 2 | 2483.500    | 28.77              | 6.45            | 9.38                 | 44.61                         | 74.00                 | 29.39       | Peak   |
| 3 | 2504.320    | 28.83              | 6.47            | 12.00                | 47.30                         | 74.00                 | 26.70       | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : A/C Chamber Data no. : 8  
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL  
 Limit : FCC PART-15C (1G-AV)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : 120Vac/60Hz  
 Test Mode : CH78  
 M/N: H8TNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2480.000    | 28.76              | 6.44            | 19.66                | 54.86                         | 54.00                 | -0.86       | Average |
| 2 | 2483.500    | 28.77              | 6.45            | -2.12                | 33.11                         | 54.00                 | 20.89       | Average |
| 3 | 2507.920    | 28.83              | 6.48            | -1.71                | 33.61                         | 54.00                 | 20.39       | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

Test Mode : Transmitting Mode, Frequency: 2480MHz (CH78) Test Voltage : AC 120V/60Hz

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Vertical dB $\mu$ V/m | Emission Level Vertical dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|-------------------------------------|--------------------------------------|-----------|--------|
| Peak *    | 2483.500               | 28.77               | 6.45                  | 9.59                                | 44.81                                | 74.00     | 29.19  |
| Average * | 2483.500               | 28.77               | 6.45                  | -2.36                               | 32.86                                | 54.00     | 21.14  |

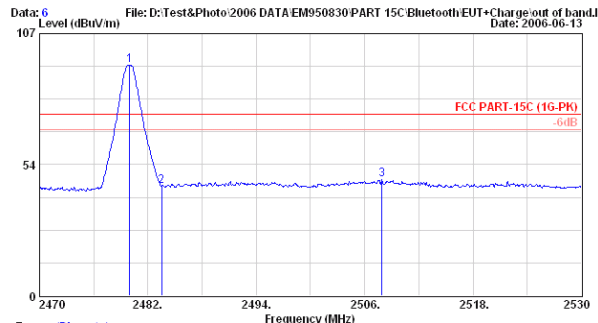
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2483.5-2500MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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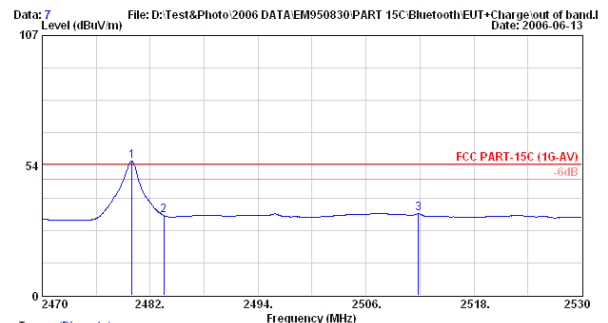
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 Email:ttmc@ttmc.com.tw



Trace: (Discrete)  
 Site no. : A/C Chamber Data no. : 6  
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL  
 Limit : FCC PART-15C (1G-PK)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : 120Vac/60Hz  
 Test Mode : CH78  
 M/N: H8TNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2480.000    | 28.76              | 6.44            | 58.99                | 94.19                         | 74.00                 | -20.19      | Peak   |
| 2 | 2483.500    | 28.77              | 6.45            | 9.59                 | 44.82                         | 74.00                 | 29.18       | Peak   |
| 3 | 2507.920    | 28.83              | 6.48            | 12.03                | 47.35                         | 74.00                 | 26.65       | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Trace: (Discrete)  
 Site no. : A/C Chamber Data no. : 7  
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL  
 Limit : FCC PART-15C (1G-AV)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : 120Vac/60Hz  
 Test Mode : CH78  
 M/N: H8TNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2480.000    | 28.76              | 6.44            | 19.87                | 55.07                         | 54.00                 | -1.07       | Average |
| 2 | 2483.500    | 28.77              | 6.45            | -2.36                | 32.87                         | 54.00                 | 21.13       | Average |
| 3 | 2511.820    | 28.86              | 6.48            | -1.65                | 33.69                         | 54.00                 | 20.31       | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

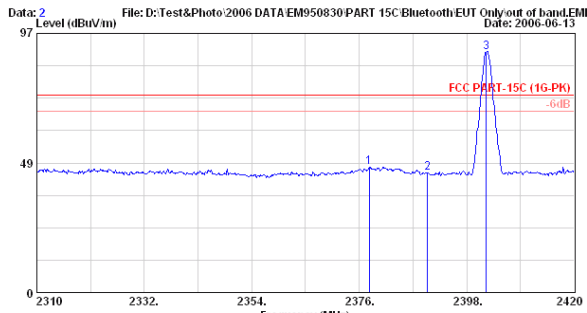
Test Mode : Transmitting Mode, Frequency: 2402MHz (CH0) Test Voltage : DC 3.7V

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Horizontal dB $\mu$ V/m | Emission Level Horizontal dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|---------------------------------------|----------------------------------------|-----------|--------|
| Peak *    | 2378.090               | 28.58               | 6.32                  | 12.03                                 | 46.93                                  | 74.00     | 27.07  |
|           | 2390.000               | 28.59               | 6.34                  | 9.75                                  | 44.68                                  | 74.00     | 29.32  |
| Average * | 2380.070               | 28.58               | 6.32                  | -1.37                                 | 33.53                                  | 54.00     | 20.47  |
|           | 2390.000               | 28.59               | 6.34                  | -3.00                                 | 31.93                                  | 54.00     | 22.07  |

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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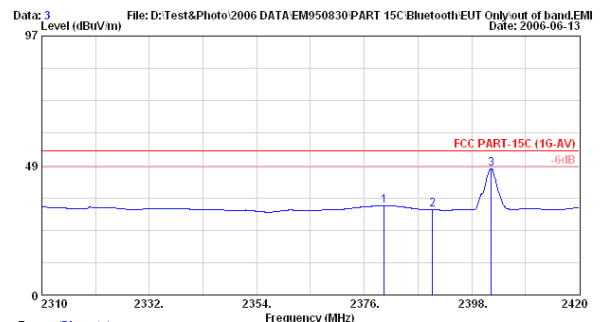
Trace: (Discrete)  
 Site no. : A/C Chamber Data no. : 2  
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL  
 Limit : FCC PART-15C (1G-PK)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : DC 3.7V  
 Test Mode : CH0  
 M/N: HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2378.090    | 28.58              | 6.32            | 12.03                | 46.93                         | 74.00                 | 27.07       | Peak   |
| 2 | 2390.000    | 28.59              | 6.34            | 9.75                 | 44.69                         | 74.00                 | 29.31       | Peak   |
| 3 | 2402.000    | 28.62              | 6.36            | 55.09                | 90.07                         | 74.00                 | -16.07      | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



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Trace: (Discrete)  
 Site no. : A/C Chamber Data no. : 3  
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL  
 Limit : FCC PART-15C (1G-AV)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : DC 3.7V  
 Test Mode : CH0  
 M/N: HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2380.070    | 28.58              | 6.32            | -1.37                | 33.53                         | 54.00                 | 20.47       | Average |
| 2 | 2390.000    | 28.59              | 6.34            | -3.00                | 31.94                         | 54.00                 | 22.06       | Average |
| 3 | 2402.000    | 28.62              | 6.36            | 12.36                | 47.33                         | 54.00                 | 6.67        | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

Test Mode : Transmitting Mode, Frequency: 2402MHz (CH0) Test Voltage : DC 3.7V

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Vertical dB $\mu$ V/m | Emission Level Vertical dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|-------------------------------------|--------------------------------------|-----------|--------|
| Peak *    | 2380.070               | 28.58               | 6.32                  | 12.42                               | 47.32                                | 74.00     | 26.68  |
|           | 2390.000               | 28.59               | 6.34                  | 9.82                                | 44.75                                | 74.00     | 29.25  |
| Average * | 2380.840               | 28.58               | 6.33                  | -1.41                               | 33.50                                | 54.00     | 20.50  |
|           | 2390.000               | 28.59               | 6.34                  | -3.00                               | 31.93                                | 54.00     | 22.07  |

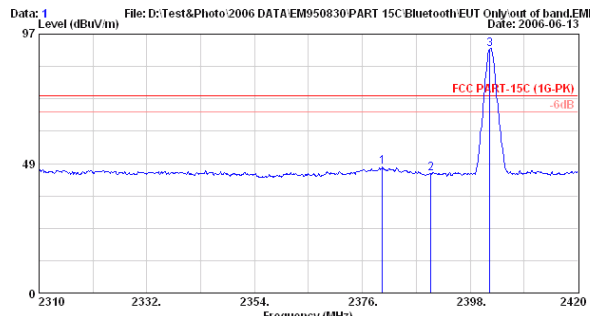
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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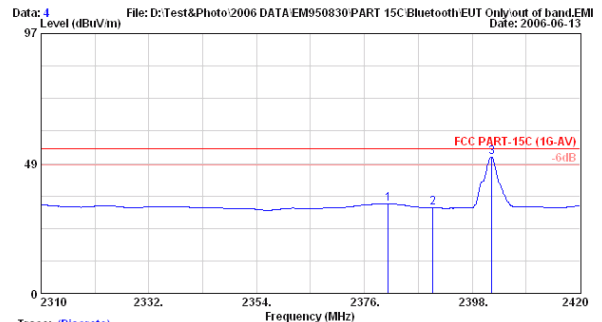
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Trace: (Discrete)  
 Site no. : A/C Chamber Data no. : 1  
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL  
 Limit : FCC PART-15C (1G-PK)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : DC 3.7V  
 Test Mode : CH0  
 M/N: HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2380.070    | 28.58              | 6.32            | 12.42                | 47.32                         | 74.00                 | 26.68       | Peak   |
| 2 | 2390.000    | 28.59              | 6.34            | 9.82                 | 44.76                         | 74.00                 | 29.24       | Peak   |
| 3 | 2402.000    | 28.62              | 6.36            | 56.32                | 91.30                         | 74.00                 | -17.30      | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Trace: (Discrete)  
 Site no. : A/C Chamber Data no. : 4  
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL  
 Limit : FCC PART-15C (1G-AV)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : DC 3.7V  
 Test Mode : CH0  
 M/N: HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2380.840    | 28.58              | 6.33            | -1.41                | 33.50                         | 54.00                 | 20.50       | Average |
| 2 | 2390.000    | 28.59              | 6.34            | -3.00                | 31.94                         | 54.00                 | 22.06       | Average |
| 3 | 2402.000    | 28.62              | 6.36            | 15.97                | 50.95                         | 54.00                 | 3.05        | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

Test Mode : Transmitting Mode, Frequency: 2462MHz (CH11) Test Voltage : DC 3.7V

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Horizontal dB $\mu$ V/m | Emission Level Horizontal dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|---------------------------------------|----------------------------------------|-----------|--------|
| Peak *    | 2483.500               | 28.77               | 6.45                  | 10.11                                 | 45.33                                  | 74.00     | 28.67  |
| Average * | 2483.500               | 28.77               | 6.45                  | -2.88                                 | 32.34                                  | 54.00     | 21.66  |

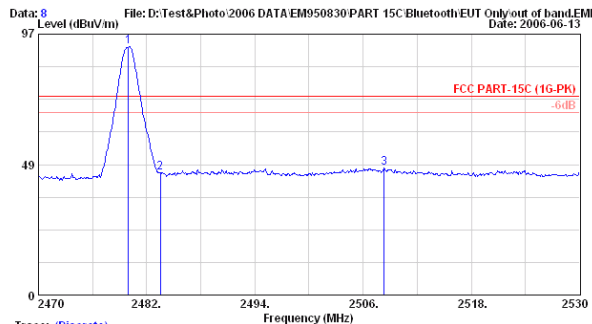
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2483.5-2500MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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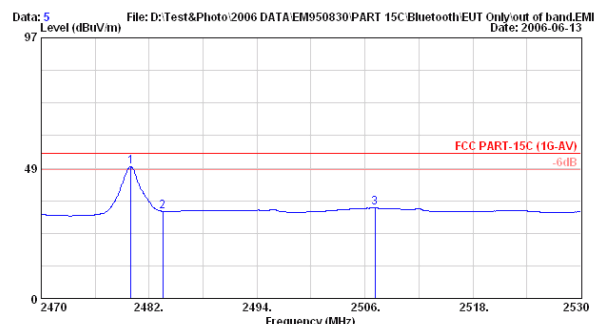
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Site no. : A/C Chamber Data no. : 8  
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL  
 Limit : FCC PART-15C (1G-PK)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : DC 3.7V  
 Test Mode : CH78  
 M/N: HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2480.000    | 28.76              | 6.44            | 57.02                | 92.22                         | 74.00                 | -18.22      | Peak   |
| 2 | 2483.500    | 28.77              | 6.45            | 10.11                | 45.34                         | 74.00                 | 28.66       | Peak   |
| 3 | 2508.340    | 28.83              | 6.48            | 11.80                | 47.12                         | 74.00                 | 26.88       | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



Site no. : A/C Chamber Data no. : 5  
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL  
 Limit : FCC PART-15C (1G-AV)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : DC 3.7V  
 Test Mode : CH78  
 M/N: HSTNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2480.000    | 28.76              | 6.44            | 13.72                | 48.92                         | 54.00                 | 5.08        | Average |
| 2 | 2483.500    | 28.77              | 6.45            | -2.88                | 32.35                         | 54.00                 | 21.65       | Average |
| 3 | 2507.140    | 28.83              | 6.48            | -1.71                | 33.60                         | 54.00                 | 20.40       | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

Date of Test : Jun. 12, 2006 Temperature : 26

EUT : Personal Digital Assistant or Pocket PC Humidity : 62%

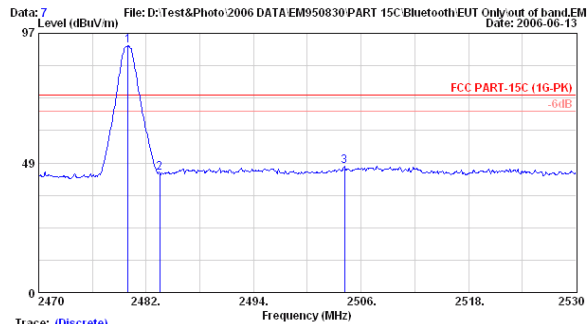
Test Mode : Transmitting Mode, Frequency: 2462MHz (CH11) Test Voltage : DC 3.7V

|           | Emission Frequency MHz | Antenna Factor dB/m | Cable Loss dB $\mu$ V | Meter Reading Vertical dB $\mu$ V/m | Emission Level Vertical dB $\mu$ V/m | Limits dB | Margin |
|-----------|------------------------|---------------------|-----------------------|-------------------------------------|--------------------------------------|-----------|--------|
| Peak *    | 2483.500               | 28.77               | 6.45                  | 9.58                                | 44.80                                | 74.00     | 29.20  |
| Average * | 2483.500               | 28.77               | 6.45                  | -2.12                               | 33.10                                | 54.00     | 20.90  |

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.  
 2. Low frequency section (spurious in the restricted band 2483.5-2500MHz).  
 3. '\*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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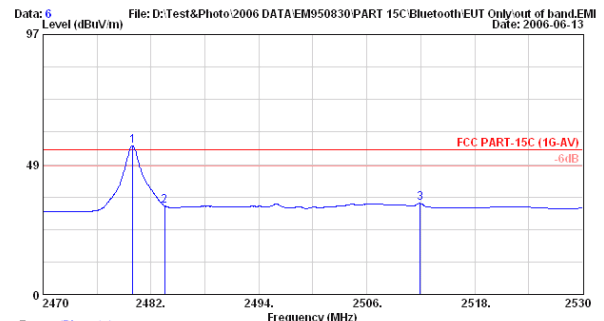
Site no. : A/C Chamber Data no. : 7  
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL  
 Limit : FCC PART-15C (1G-PK)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : DC 3.7V  
 Test Mode : CH78  
 M/N: H8TNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|--------|
| 1 | 2480.000    | 28.76              | 6.44            | 57.12                | 92.32                         | 74.00                 | -18.32      | Peak   |
| 2 | 2483.500    | 28.77              | 6.45            | 9.58                 | 44.80                         | 74.00                 | 29.20       | Peak   |
| 3 | 2504.140    | 28.83              | 6.47            | 12.03                | 47.33                         | 74.00                 | 26.67       | Peak   |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.



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Site no. : A/C Chamber Data no. : 6  
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL  
 Limit : FCC PART-15C (1G-AV)  
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin\_Yang  
 EUT : Personal Digital Assistant or Pocket PC  
 Power Rating : DC 3.7V  
 Test Mode : CH78  
 M/N: H8TNH-L11C

|   | Freq. (MHz) | Ant. Factor (dB/m) | Cable Loss (dB) | Reading (dB $\mu$ V) | Emission Level (dB $\mu$ V/m) | Limits (dB $\mu$ V/m) | Margin (dB) | Remark  |
|---|-------------|--------------------|-----------------|----------------------|-------------------------------|-----------------------|-------------|---------|
| 1 | 2480.000    | 28.76              | 6.44            | 20.14                | 55.34                         | 54.00                 | -1.34       | Average |
| 2 | 2483.500    | 28.77              | 6.45            | -2.12                | 33.10                         | 54.00                 | 20.90       | Average |
| 3 | 2511.940    | 28.86              | 6.48            | -1.32                | 34.02                         | 54.00                 | 19.98       | Average |

Remarks: 1. Emission Level= Antenna Factor + Cable Loss + Reading.  
 2. The emission levels that are 20dB below the official limit are not reported.

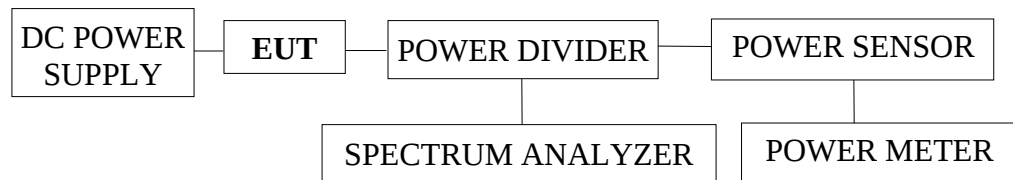
## 4. 6dB BANDWIDTH MEASUREMENT (WLAN)

### 4.1. Test Equipment

The following test equipment was used during the 6dB bandwidth measurement:

| Item | Type             | Manufacturer | Model No. | Serial No.  | Last Cal.    | Next Cal.    |
|------|------------------|--------------|-----------|-------------|--------------|--------------|
| 1.   | Spectrum Monitor | Agilent      | E4446A    | US44300366  | Aug. 23, 05' | Aug. 24, 06' |
| 2.   | Power Meter      | Anritsu      | ML2487A   | 6K000001563 | Jan. 09, 06' | Jan. 08, 07' |
| 3.   | Power Sensor     | Anritsu      | MA2491A   | 030873      | Jan. 09, 06' | Jan. 08, 07' |
| 4.   | Power Divider    | Anritsu      | K240C     | 019728      | May 26, 06'  | May 25, 07'  |
| 5.   | DC Power Supply  | TOP WARD     | 3303A     | 721773      | N/A          | N/A          |

### 4.2. Block Diagram of Test Setup



**EUT: Personal Digital Assistant or Pocket PC**

### 4.3. Specification Limits (§15.247(a)(2))

The minimum 6dB bandwidth shall be at least 500kHz.

### 4.4. Operating Condition of EUT

- 4.4.1. Setup the EUT and simulator as shown on 4.2.
- 4.4.2. Turn on the power of all equipment.
- 4.4.3. EUT (Personal Digital Assistant or Pocket PC) run test software “FCC Test\_2.exe” set EUT to transmit and receive channel through wireless LAN card during the testing.

### 4.5. Test Procedure

The RF output of EUT was connected to the spectrum analyzer. The bandwidth of the fundamental frequency was measure by spectrum analyzer with 100kHz RBW and 100kHz VBW. The 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB.

#### 4.6. Test Results

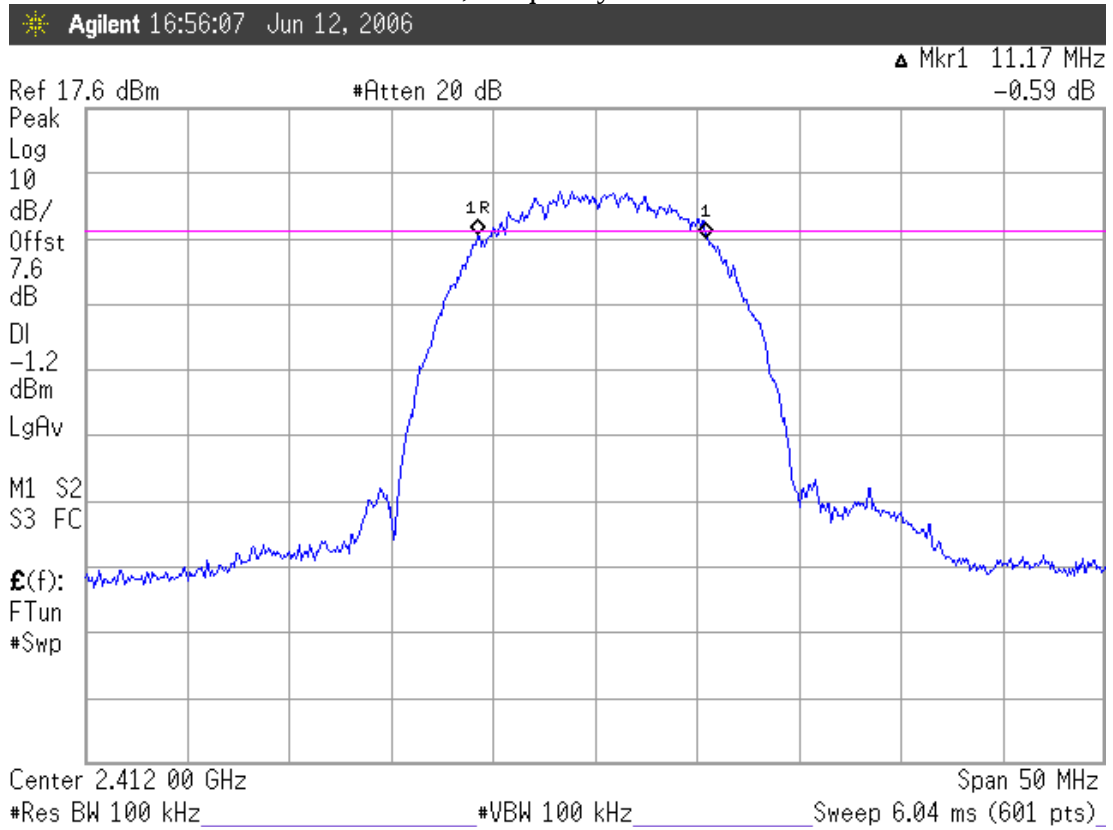
**PASSED.** All the test results are attached in next pages.

Test Date : Jun. 12, 2006    Temperature : 24            Humidity : 55 %

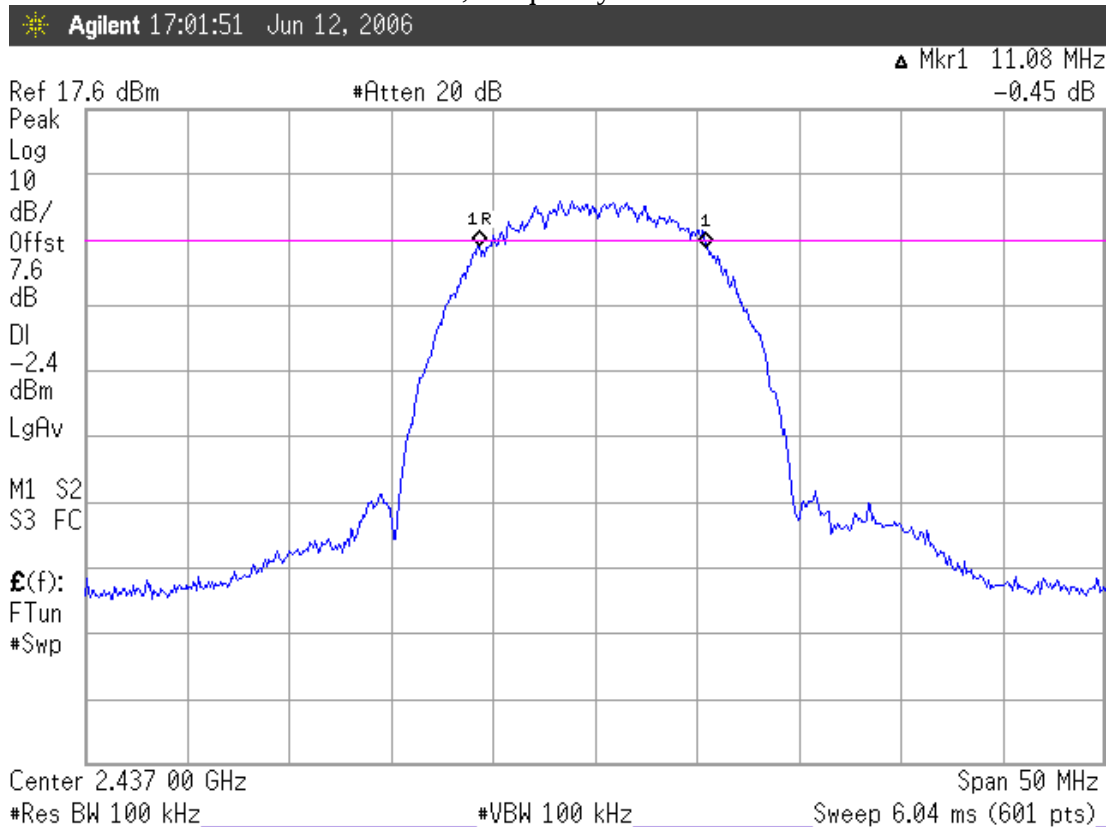
| No. | Test Voltage                     | Test Mode         | Channel | Frequency | 6dB Bandwidth   |
|-----|----------------------------------|-------------------|---------|-----------|-----------------|
| 1.  | DC 3.7V<br>(Via DC Power Supply) | WLAN<br>(802.11b) | 1       | 2412MHz   | <b>11.17MHz</b> |
| 2.  |                                  |                   | 6       | 2437MHz   | <b>11.08MHz</b> |
| 3.  |                                  |                   | 11      | 2462MHz   | <b>11.08MHz</b> |
| 4.  |                                  | WLAN<br>(802.11g) | 1       | 2412MHz   | <b>16.67MHz</b> |
| 5.  |                                  |                   | 6       | 2437MHz   | <b>16.67MHz</b> |
| 6.  |                                  |                   | 11      | 2462MHz   | <b>16.67MHz</b> |

## 4.6.1. Test Mode: WLAN (802.11b)

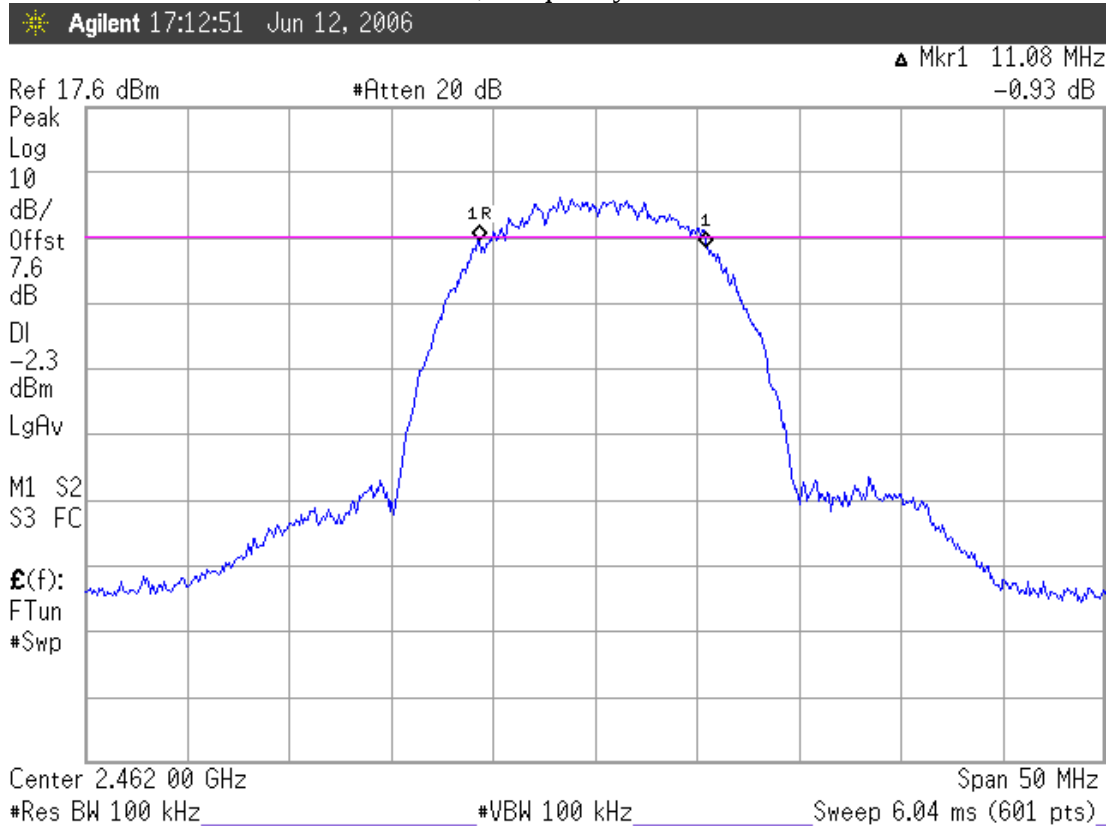
## 4.6.1.1. Channel 1, Frequency: 2412MHz



## 4.6.1.2. Channel 6, Frequency: 2437MHz

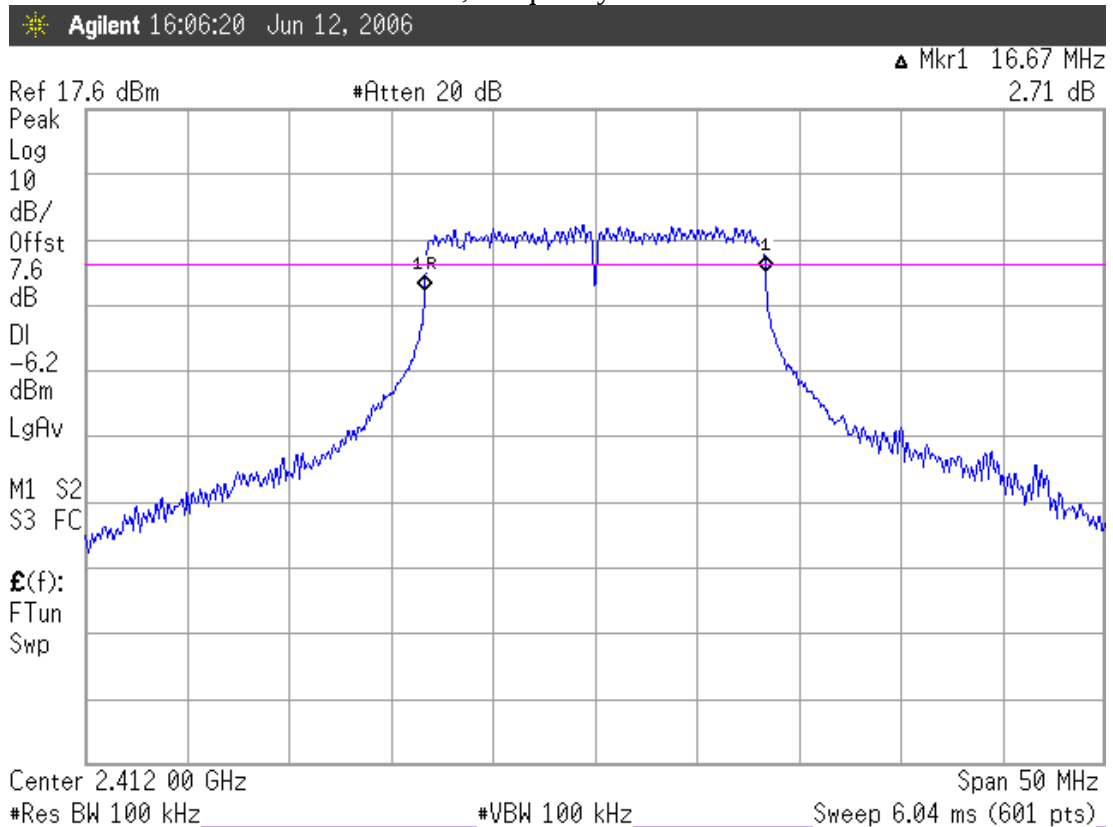


## 4.6.1.3. Channel 11, Frequency: 2462MHz

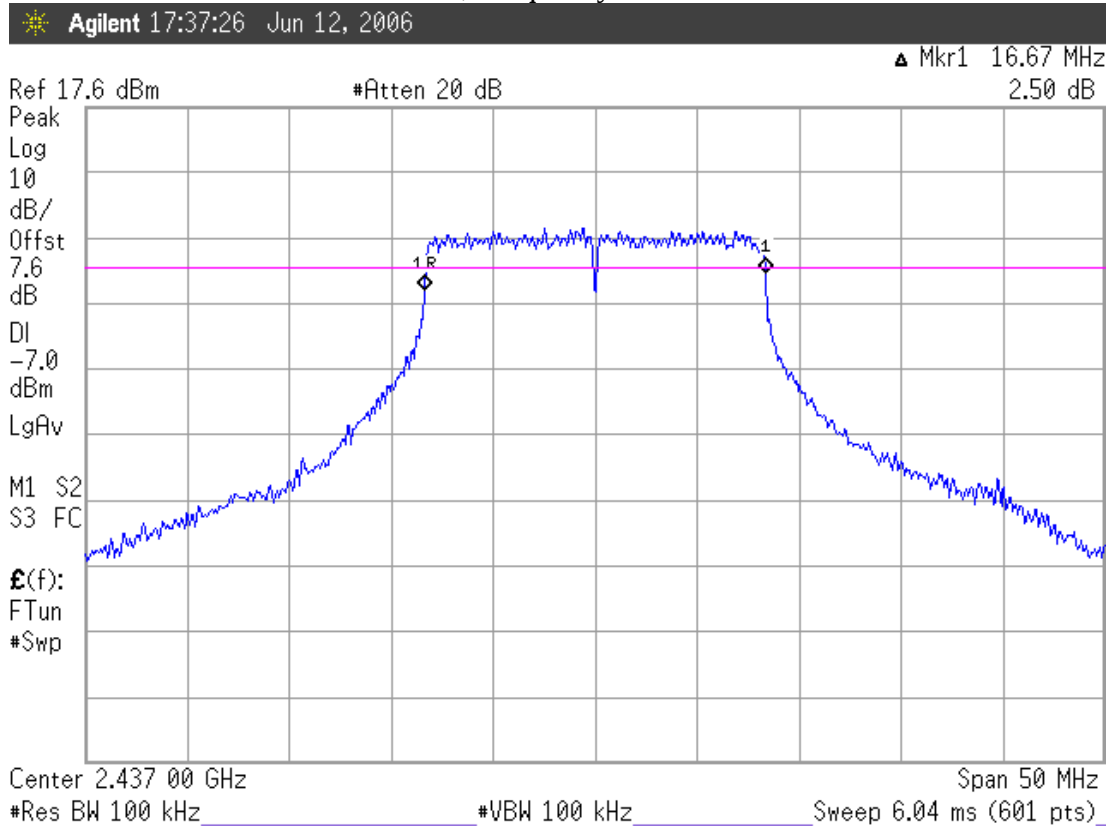


## 4.6.2. Test Mode: WLAN (802.11g)

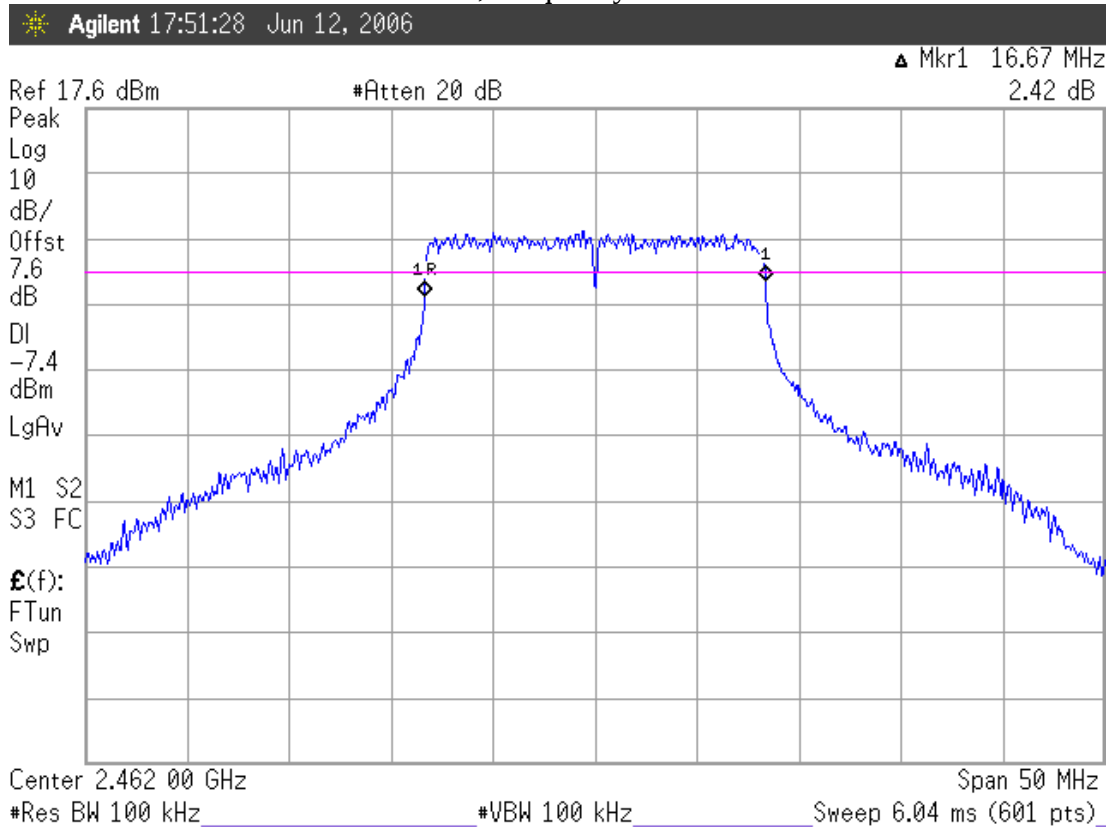
## 4.6.2.1. Channel 1, Frequency: 2412MHz



## 4.6.2.2. Channel 6, Frequency: 2437MHz



## 4.6.2.3. Channel 11, Frequency: 2462MHz



## 5. MAXIMUM PEAK OUTPUT POWER MEASUREMENT (WLAN)

### 5.1. Test Equipment

The following test equipment was used during the maximum peak output power measurement:

| Item | Type             | Manufacturer | Model No. | Serial No.  | Last Cal.    | Next Cal.    |
|------|------------------|--------------|-----------|-------------|--------------|--------------|
| 1.   | Spectrum Monitor | Agilent      | E4446A    | US44300366  | Aug. 23, 05' | Aug. 24. 06' |
| 2.   | Power Meter      | Antrisu      | ML2487A   | 6K000001563 | Jan. 09, 06' | Jan. 08, 07' |
| 3.   | Power Sensor     | Antrisu      | MA2491A   | 030873      | Jan. 09, 06' | Jan. 08, 07' |
| 4.   | Power Divider    | Anritsu      | K240C     | 019728      | May 26, 06'  | May 25, 07'  |
| 5.   | DC Power Supply  | TOP WARD     | 3303A     | 721773      | N/A          | N/A          |

### 5.2. Block Diagram of Test Setup

The same as section.4.2.

### 5.3. Specification Limits (§15.247(b)-(3))

The Limits of maximum Peak Output Power for digital modulation in 2400-2483.5MHz is : 1Watt. (30dBm)

### 5.4. Operating Condition of EUT

Same as 6dB bandwidth measurement which was listed in 4.4. except the test set up replaced by section 5.2.

### 5.5. Test Procedure

The RF output of EUT was connected to the power meter and sensor with 20MHz bandwidth that was designed to detect peak value automatically.

## 5.6. Test Results

**PASSED.** All the test results are listed below.

Test Date : Jun. 12, 2006    Temperature : 24            Humidity : 55 %

| No. | Test Voltage                        | Test Mode         | Channel | Frequency | Peak Output Power | Limit |
|-----|-------------------------------------|-------------------|---------|-----------|-------------------|-------|
| 1.  | DC 3.7V<br>(Via DC Power<br>Supply) | WLAN<br>(802.11b) | 1       | 2412MHz   | <b>16.82dBm</b>   | 30dBm |
| 2.  |                                     |                   | 6       | 2437MHz   | <b>17.01dBm</b>   | 30dBm |
| 3.  |                                     |                   | 11      | 2462MHz   | <b>15.88dBm</b>   | 30dBm |
| 4.  |                                     | WLAN<br>(802.11g) | 1       | 2412MHz   | <b>18.81MHz</b>   | 30dBm |
| 5.  |                                     |                   | 6       | 2437MHz   | <b>18.88MHz</b>   | 30dBm |
| 6.  |                                     |                   | 11      | 2462MHz   | <b>17.82MHz</b>   | 30dBm |

## 6. EMISSION LIMITATIONS MEASUREMENT (WLAN)

### 6.1. Test Equipment

The following test equipment was used during the emission limitations test :

| Item | Type             | Manufacturer | Model No. | Serial No.  | Last Cal.    | Next Cal.    |
|------|------------------|--------------|-----------|-------------|--------------|--------------|
| 1.   | Spectrum Monitor | Agilent      | E4446A    | US44300366  | Aug. 23, 05' | Aug. 24. 06' |
| 2.   | Power Meter      | Anritsu      | ML2487A   | 6K000001563 | Jan. 09, 06' | Jan. 08, 07' |
| 3.   | Power Sensor     | Anritsu      | MA2491A   | 030873      | Jan. 09, 06' | Jan. 08, 07' |
| 4.   | Power Divider    | Anritsu      | K240C     | 019728      | May 26, 06'  | May 25, 07'  |
| 5.   | DC Power Supply  | TOP WARD     | 3303A     | 721773      | N/A          | N/A          |

### 6.2. Block Diagram of Test Setup

The same as section.4.2.

### 6.3. Specification Limits (§15.247(c))

In any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (See Section 15.205(c)).( This test result attaching to §3.6.3)

### 6.4. Operating Condition of EUT

Same as 6dB bandwidth measurement which was listed in 4.4. except the test set up replaced by section 6.2.

### 6.5. Test Procedure

The RF output of EUT was connected to the spectrum analyzer. The bandwidth of the fundamental frequency was measure by spectrum analyzer with 100kHz RBW and 100kHz VBW.

## 6.6. Test Results

**PASSED.** The testing data was attached in the next pages.

Test Date : Jun. 12, 2006    Temperature : 24    Humidity : 55 %

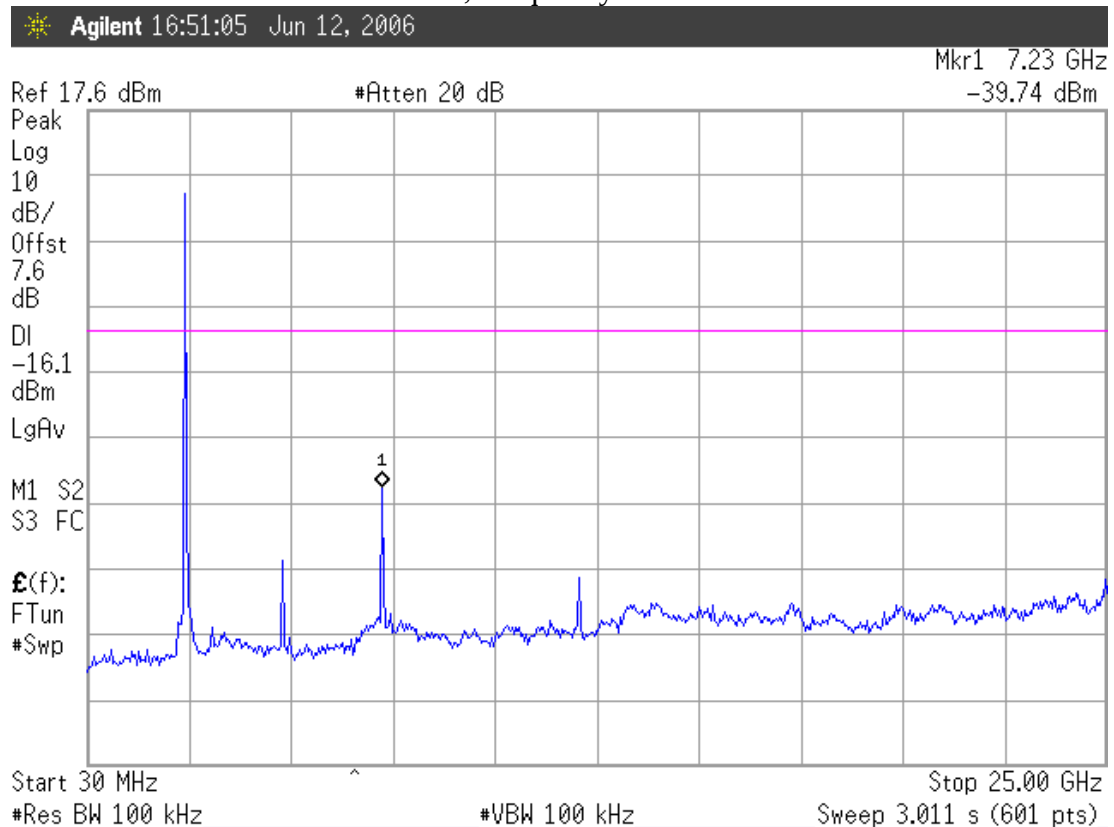
[Test Voltage is DC3.7V (via DC Power Supply)]

### 6.6.1. Test Mode: WLAN (802.11b)

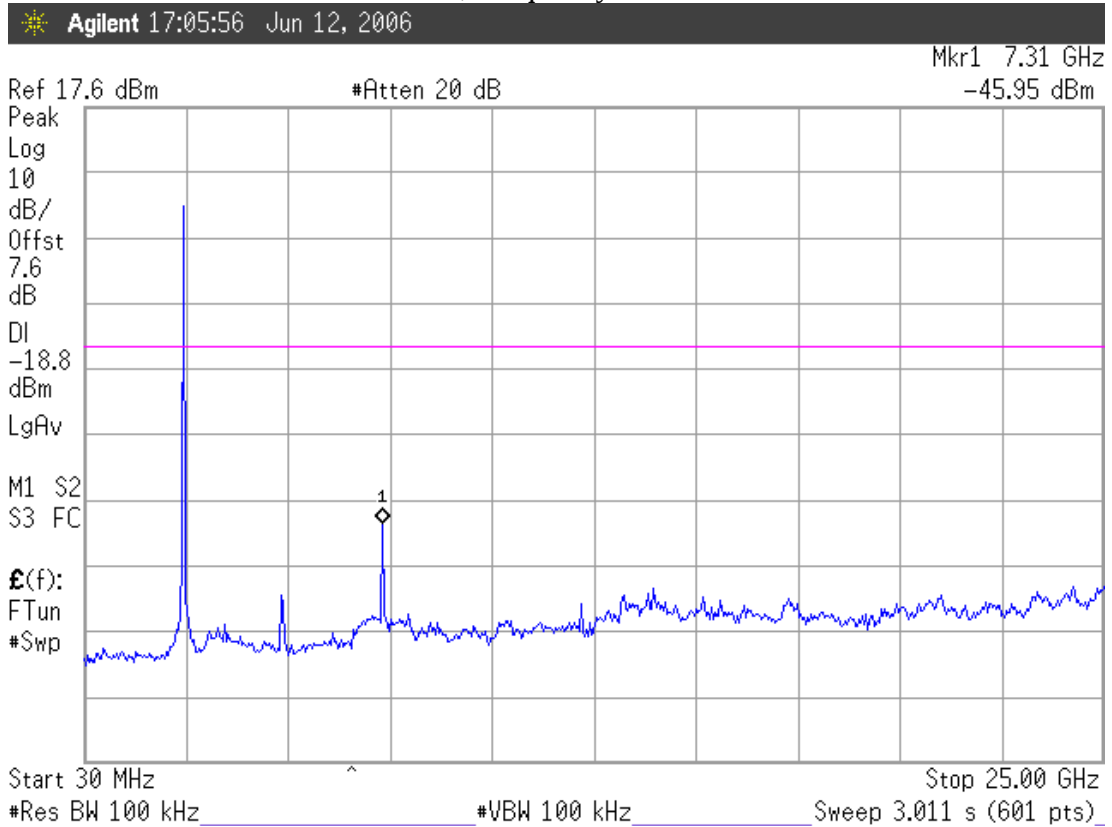
1. 2412MHz: During 30MHz~25GHz bandwidth. In the 2.4GHz, the -39.74dBm is max value that is lower than 20dB of primary channel.
2. 2437MHz: During 30MHz~25GHz bandwidth. In the 2.4GHz, the -45.95dBm is max value that is lower than 20dB of primary channel.
3. 2462MHz: During 30MHz~25GHz bandwidth. In the 2.4GHz, the -45.95dBm is max value that is lower than 20dB of primary channel.

Note: The peak above the limit line is the carrier frequency.

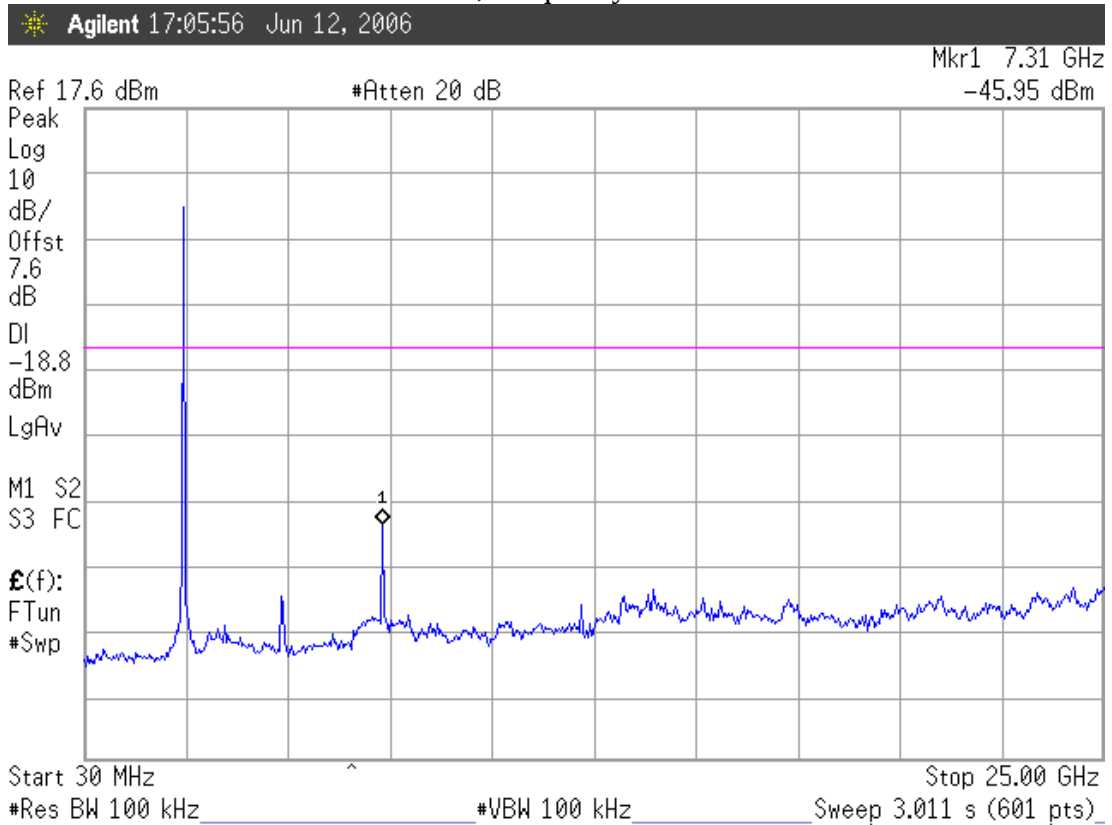
#### 6.6.1.1. Channel 1, Frequency: 2412MHz



## 6.6.1.2. Channel 6, Frequency: 2437MHz



## 6.6.1.3. Channel 11, Frequency: 2462MHz

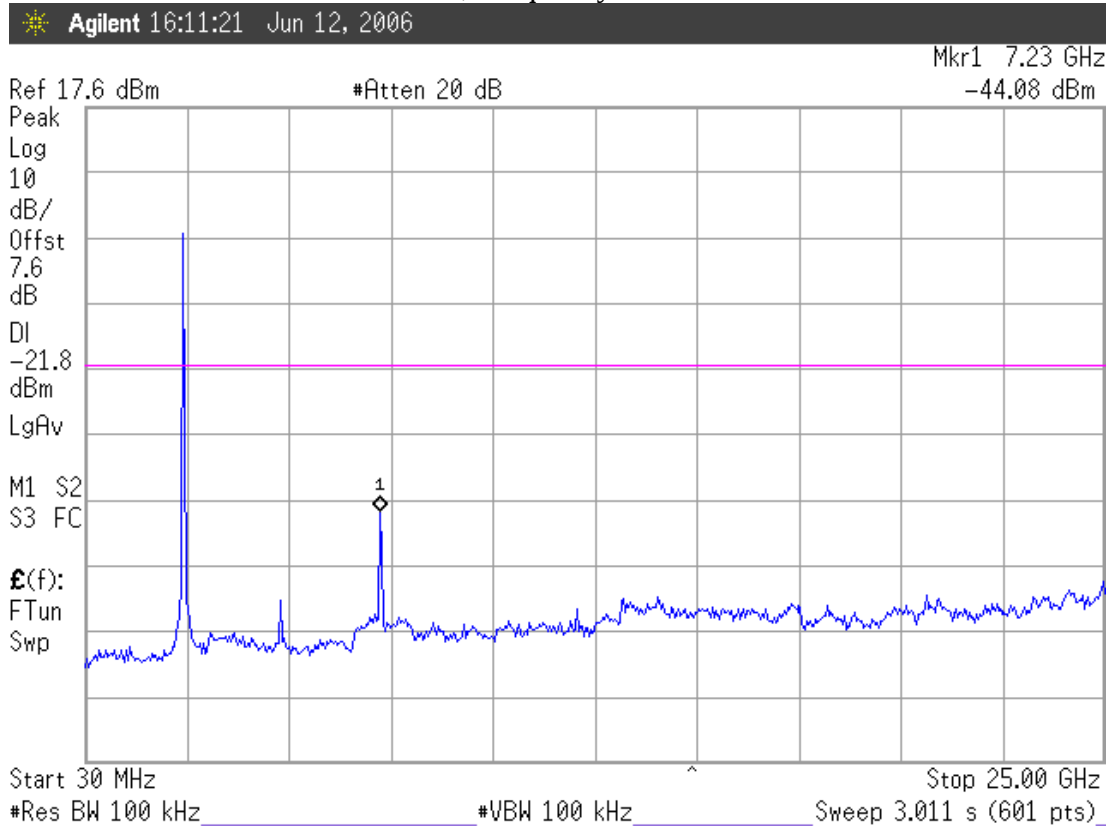


## 6.6.2. Test Mode: WLAN (802.11g)

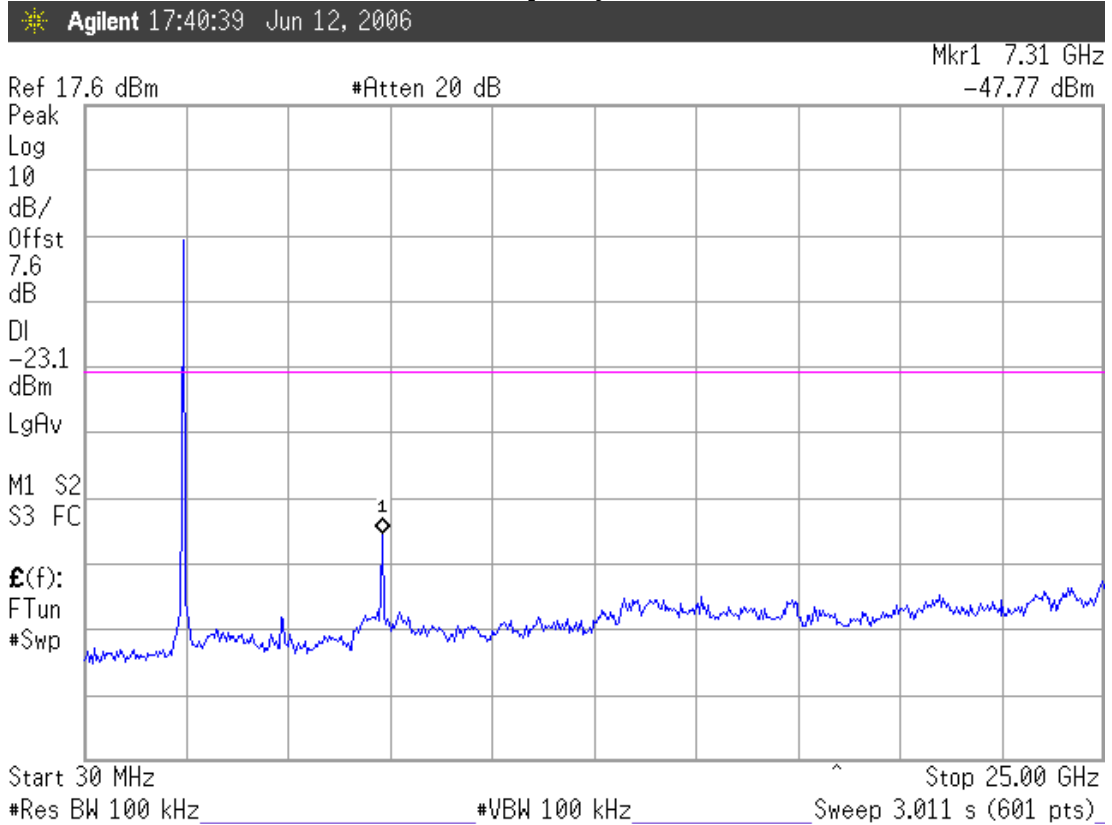
1. 2412MHz: During 30MHz~25GHz bandwidth. In the 2.4GHz, the -44.08dBm is max value that is lower than 20dB of primary channel.
2. 2437MHz: During 30MHz~25GHz bandwidth. In the 2.4GHz, the -47.77dBm is max value that is lower than 20dB of primary channel.
3. 2462MHz: During 30MHz~25GHz bandwidth. In the 2.4GHz, the -46.19dBm is max value that is lower than 20dB of primary channel.

Note: The peak above the limit line is the carrier frequency.

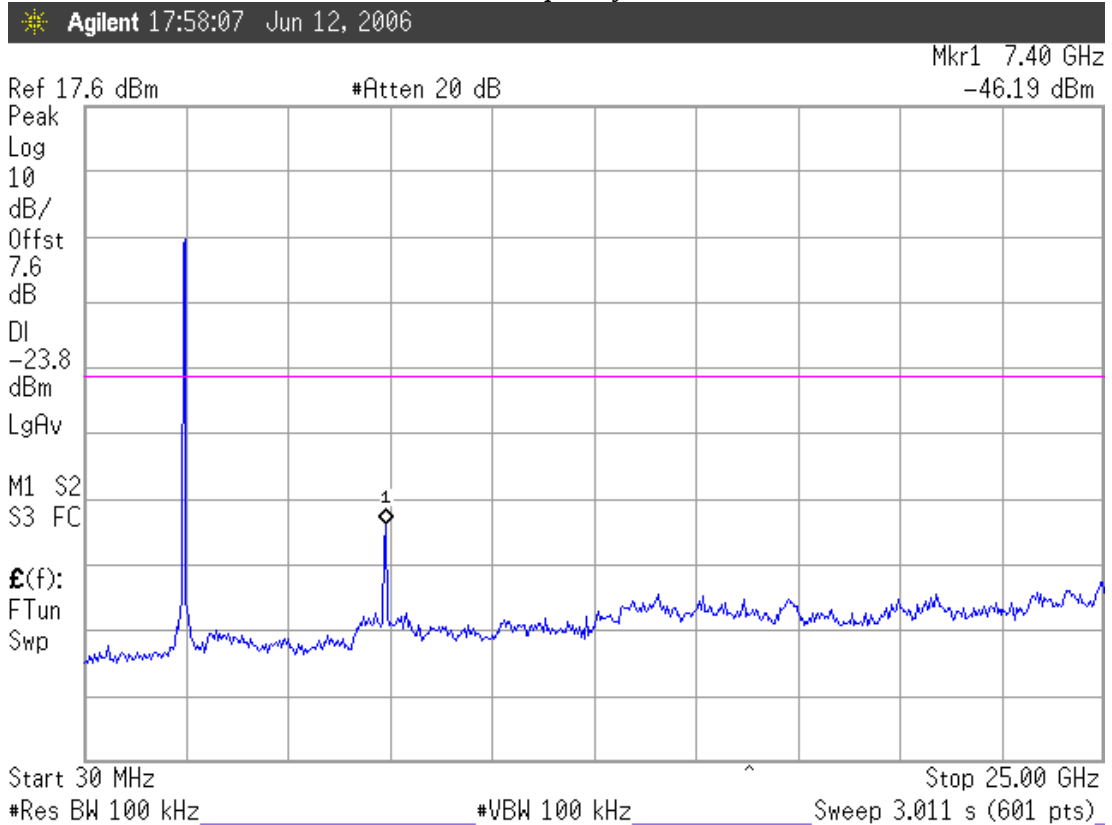
## 6.6.2.1. Channel 1, Frequency: 2412MHz



## 6.6.2.2. Channel 6, Frequency: 2437MHz



## 6.6.2.3. Channel 11, Frequency: 2462MHz



## 7. BAND EDGES MEASUREMENT (WLAN)

### 7.1. Test Equipment

The following test equipment was used during the band edges measurement:

| Item | Type             | Manufacturer | Model No. | Serial No.  | Last Cal.    | Next Cal.    |
|------|------------------|--------------|-----------|-------------|--------------|--------------|
| 1.   | Spectrum Monitor | Agilent      | E4446A    | US44300366  | Aug. 23, 05' | Aug. 24, 06' |
| 2.   | Power Meter      | Anritsu      | ML2487A   | 6K000001563 | Jan. 09, 06' | Jan. 08, 07' |
| 3.   | Power Sensor     | Anritsu      | MA2491A   | 030873      | Jan. 09, 06' | Jan. 08, 07' |
| 4.   | Power Divider    | Anritsu      | K240C     | 019728      | May 26, 06'  | May 25, 07'  |
| 5.   | DC Power Supply  | TOP WARD     | 3303A     | 721773      | N/A          | N/A          |

### 7.2. Block Diagram of Test Setup

The same as section.4.2.

### 7.3. Specification Limits (§15.247(c))

The highest level should be at least 20 dB below that in the 100kHz bandwidth.

### 7.4. Operating Condition of EUT

Same as 6dB bandwidth measurement which was listed in 4.4. except the test set up replaced by section 7.2.

### 7.5. Test Procedure

The RF output of EUT was connected to the spectrum analyzer. Set both RBW and VBW of spectrum analyzer to 100kHz with suitable frequency span including 100kHz bandwidth from band edge.

### 7.6. Test Results

**PASSED.** All the test results are attached in next page.

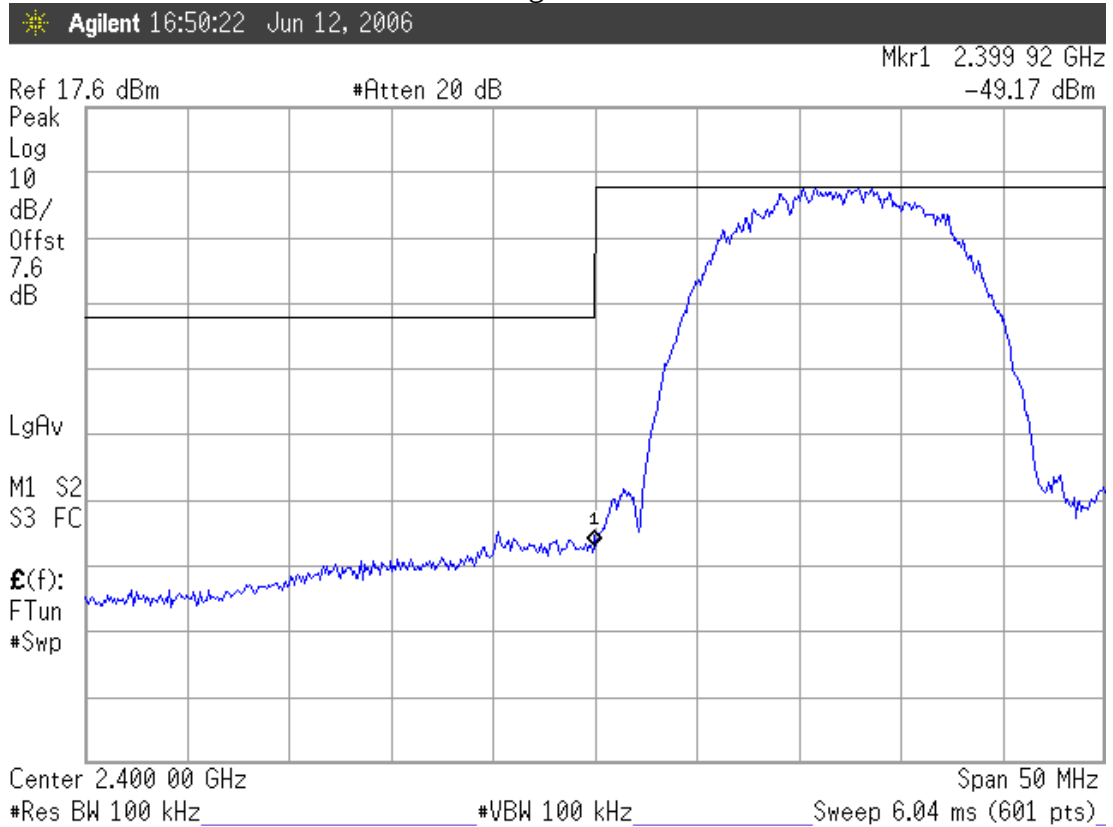
Test Date : Jun. 12, 2006    Temperature : 24            Humidity : 55 %

[Test Voltage is DC3.7V (via Switching Power Supply)]

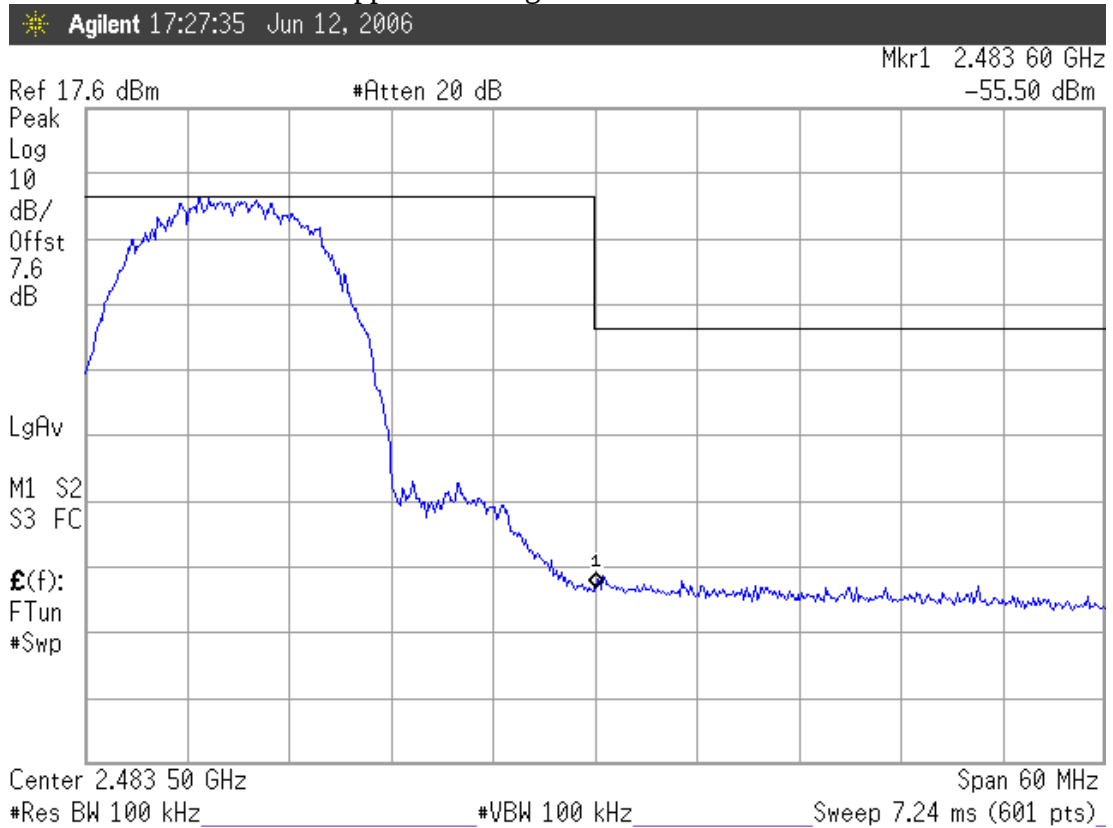
#### 7.6.1. Test Mode: WLAN (802.11b)

1. Upper Band edge: The highest emission level is -49.17dBm on 2.39992GHz.
2. Below Band edge : The highest emission level is -55.50dBm on 2.48360GHz.

## 7.6.1.1. Below Band edge



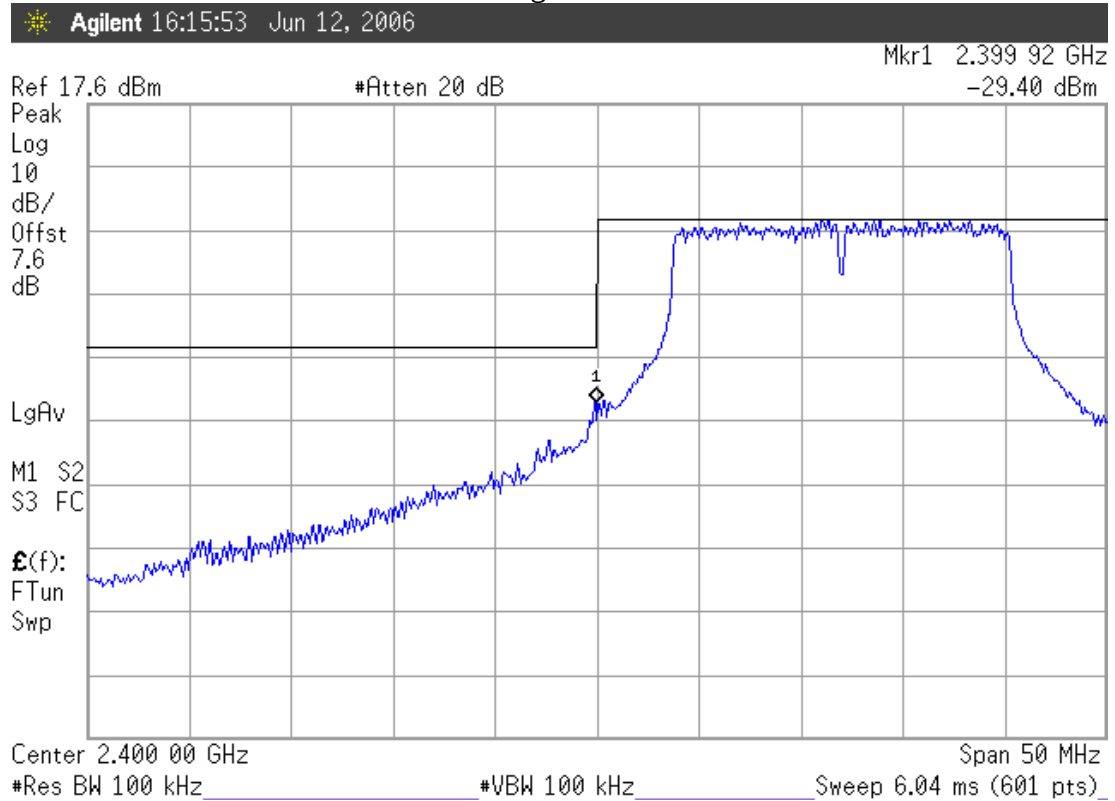
## 7.6.1.2. Upper Band edge



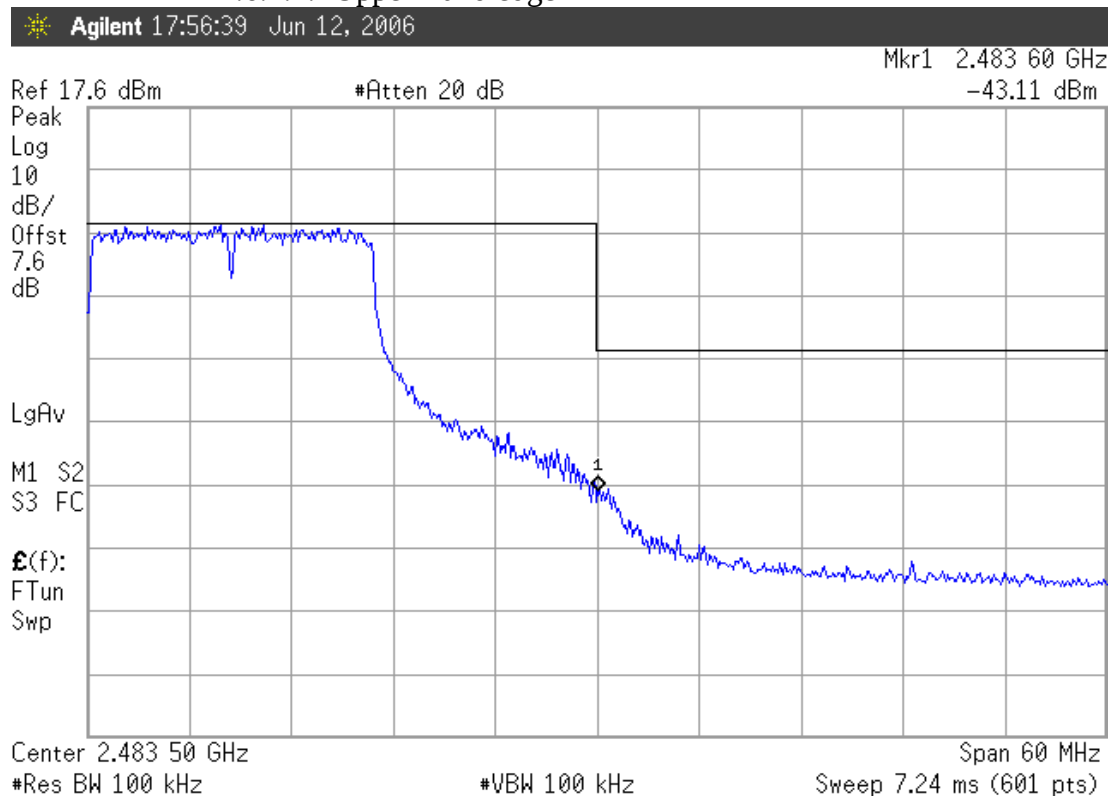
## 7.6.2. Test Mode: WLAN (802.11g)

1. Upper Band edge: The highest emission level is -29.40dBm on 2.39992GHz.
2. Below Band edge : The highest emission level is -43.11dBm on 2.48360GHz.

## 7.6.2.1. Below Band edge



## 7.6.2.2. Upper Band edge



## 8. POWER SPECTRAL DENSITY MEASUREMENT (WLAN)

### 8.1. Test Equipment

The following test equipment was used during the power spectral density measurement:

| Item | Type             | Manufacturer | Model No. | Serial No.  | Last Cal.    | Next Cal.    |
|------|------------------|--------------|-----------|-------------|--------------|--------------|
| 1.   | Spectrum Monitor | Agilent      | E4446A    | US44300366  | Aug. 23, 05' | Aug. 24, 06' |
| 2.   | Power Meter      | Anritsu      | ML2487A   | 6K000001563 | Jan. 09, 06' | Jan. 08, 07' |
| 3.   | Power Sensor     | Anritsu      | MA2491A   | 030873      | Jan. 09, 06' | Jan. 08, 07' |
| 4.   | Power Divider    | Anritsu      | K240C     | 019728      | May 26, 06'  | May 25, 07'  |
| 5.   | DC Power Supply  | TOP WARD     | 3303A     | 721773      | N/A          | N/A          |

### 8.2. Block Diagram of Test Setup

The same as section.4.2.

### 8.3. Specification Limits (§15.247(d))

The peak power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3kHz band.

### 8.4. Operating Condition of EUT

Same as 6dB bandwidth measurement which was listed in 4.4. except the test set up replaced by section 8.2.

### 8.5. Test Procedure

The RF output of EUT was connected to the spectrum analyzer. The bandwidth of the fundamental frequency was measured with the spectrum analyzer using 3kHz RBW and 30kHz VBW, span 300kHz set sweep time = span/3kHz.

## 8.6. Test Results

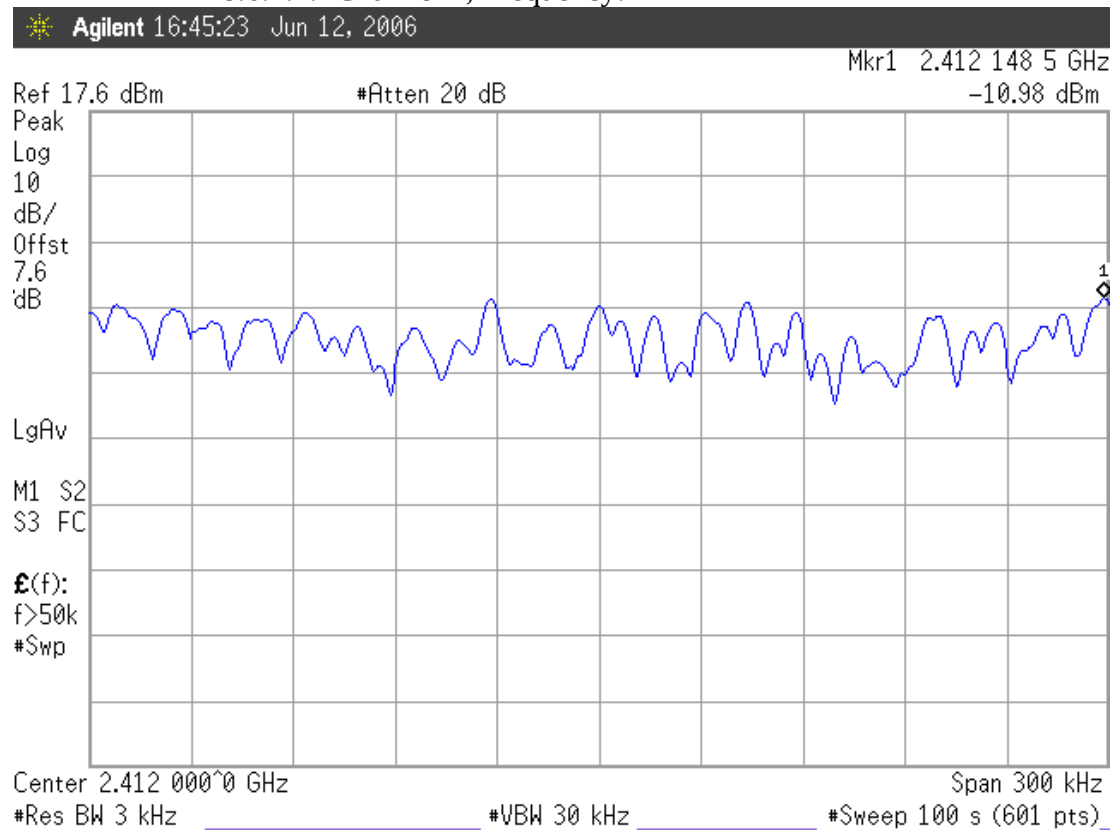
**PASSED.** All the test results are attached in next pages.

Test Date : Jun. 12, 2006    Temperature : 24    Humidity : 55 %

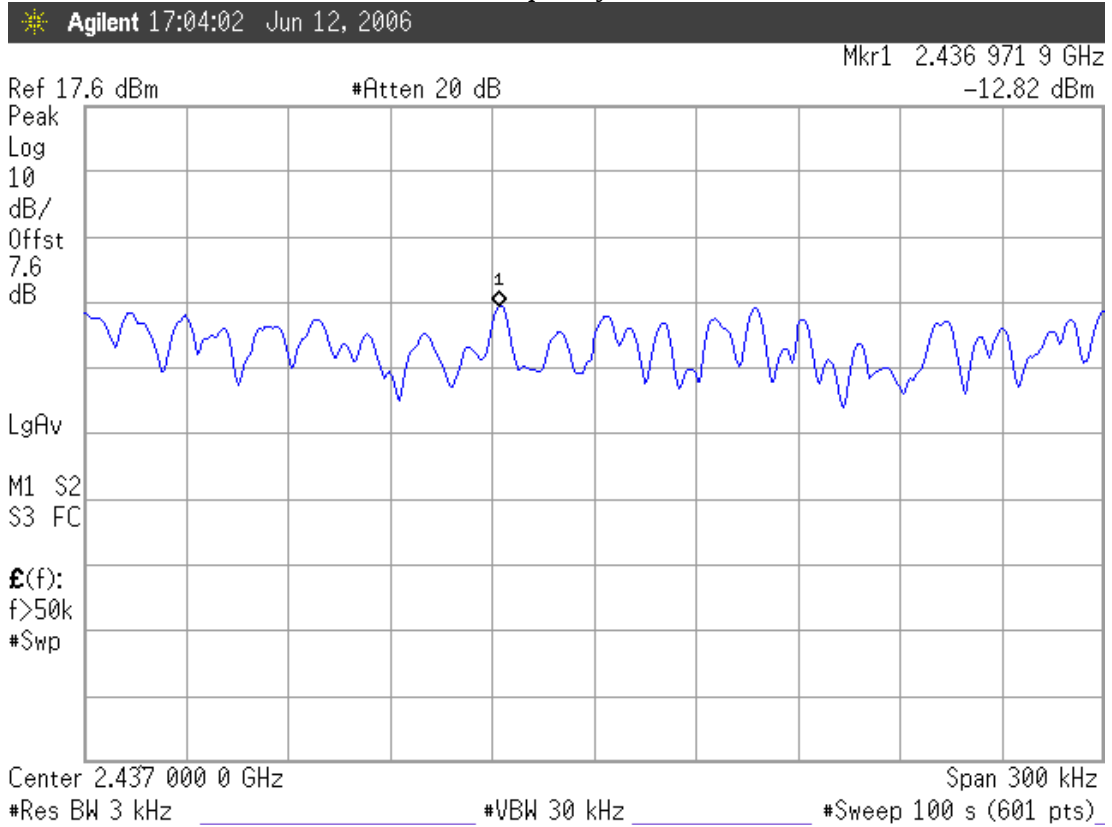
| No. | Test Voltage                     | Test Mode         | Channel | Frequency | Power Spectral Density | Limit |
|-----|----------------------------------|-------------------|---------|-----------|------------------------|-------|
| 1.  | DC 3.7V<br>(Via DC Power Supply) | WLAN<br>(802.11b) | 1       | 2412MHz   | <b>-10.98dBm</b>       | 8dBm  |
| 2.  |                                  |                   | 6       | 2437MHz   | <b>-12.82dBm</b>       | 8dBm  |
| 3.  |                                  |                   | 11      | 2462MHz   | <b>-12.69dBm</b>       | 8dBm  |
| 4.  |                                  | WLAN<br>(802.11g) | 1       | 2412MHz   | <b>-22.53MHz</b>       | 8dBm  |
| 5.  |                                  |                   | 6       | 2437MHz   | <b>-23.45MHz</b>       | 8dBm  |
| 6.  |                                  |                   | 11      | 2462MHz   | <b>-23.51MHz</b>       | 8dBm  |

### 8.6.1. Test Mode: WLAN (802.11b)

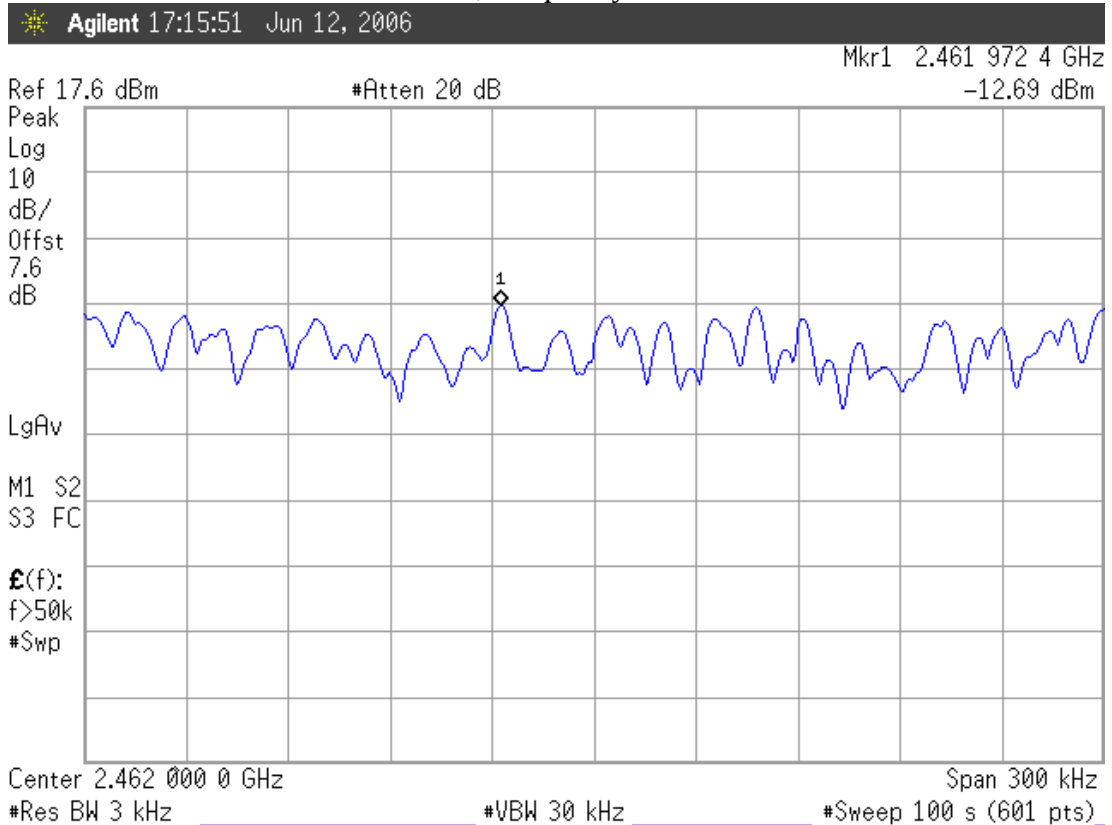
#### 8.6.1.1. Channel 1, Frequency: 2412MHz



## 8.6.1.2. Channel 6, Frequency: 2437MHz

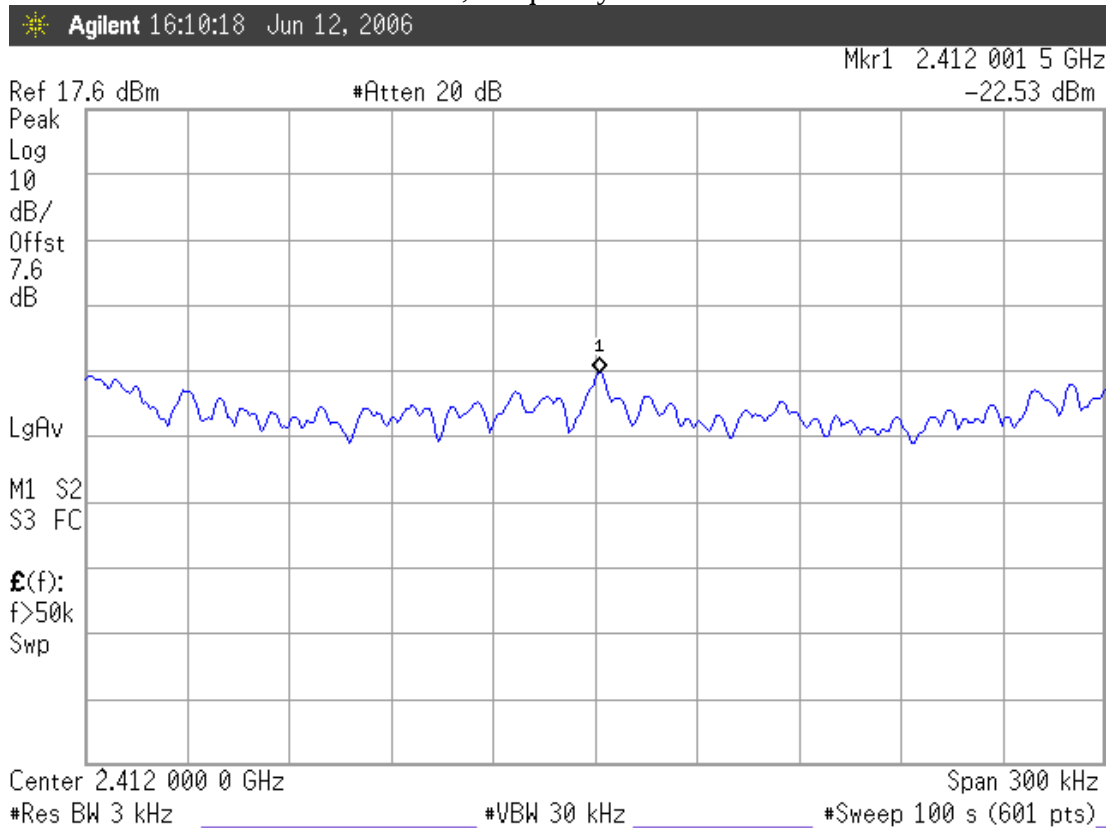


## 8.6.1.3. Channel 11, Frequency: 2462MHz

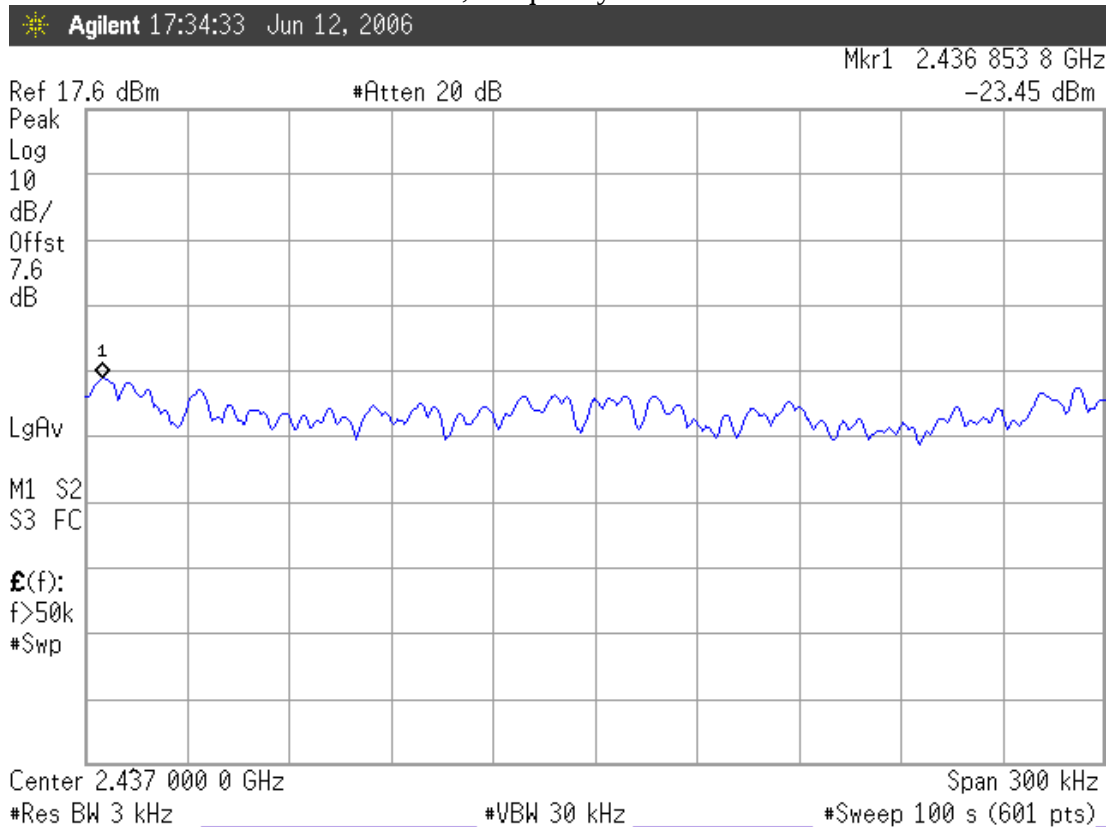


## 8.6.2. Test Mode: WLAN (802.11g)

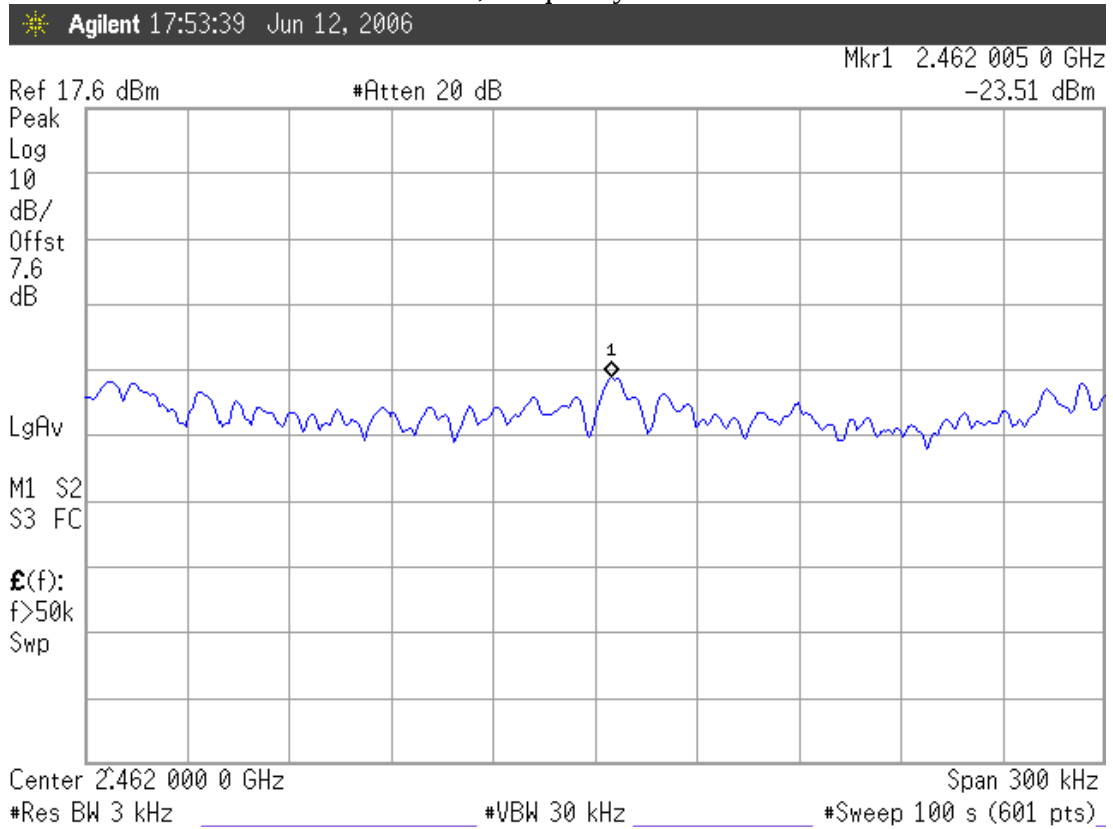
## 8.6.2.1. Channel 1, Frequency: 2412MHz



## 8.6.2.2. Channel 6, Frequency: 2437MHz



### 8.6.2.3. Channel 11, Frequency: 2462MHz



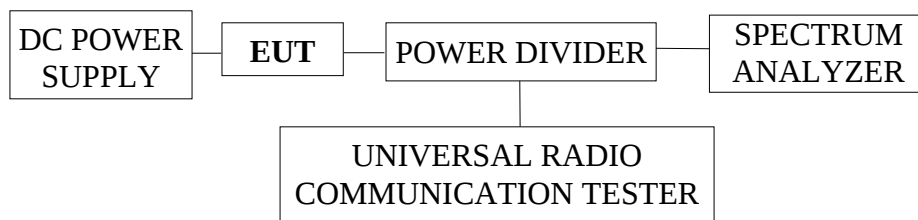
## 9. CARRIER FREQUENCY SEPARATION MEASUREMENT (BLUETOOTH)

### 9.1. Test Equipment

The following test equipment was used during the carrier frequency separation measurement:

| Item | Type                                 | Manufacturer | Model No. | Serial No. | Last Cal.    | Next Cal.    |
|------|--------------------------------------|--------------|-----------|------------|--------------|--------------|
| 1.   | Spectrum Monitor                     | Agilent      | E4446A    | US44300366 | Aug. 23, 05' | Aug. 24. 06' |
| 2.   | Universal Radio Communication Tester | R&S          | CMU200    | 102280     | Nov. 22, 05' | Nov. 21, 06' |
| 3.   | Power Divider                        | Anritsu      | K240C     | 019728     | May 26, 06'  | May 25, 07'  |
| 4.   | DC Power Supply                      | TOP WARD     | 3303A     | 721773     | N/A          | N/A          |

### 9.2. Block Diagram of Test Setup



**EUT: Personal Digital Assistant or Pocket PC**

### 9.3. Specification Limits (§15.247(a)(1))

Alternatively, frequency hopping systems operating in the 2400-2483.5MHz band may have hopping channel carrier frequencies that are separated by 25kHz or two-thirds of the 20dB bandwidth of the hopping channel, whichever is greater.

### 9.4. Operating Condition of EUT

- 9.4.1. Setup the EUT and simulator as shown on 10.2.
- 9.4.2. Turn on the power of all equipment.
- 9.4.3. EUT (Personal Digital Assistant or Pocket PC) through universal radio communication tester to control EUT on transmit and receive channels function during the testing. (Test software is BCM2045USB Test App.exe to set the EUT into test mode)

### 9.5. Test Procedure

The transmitter output was connected to the spectrum analyzer. The bandwidth of the center frequency (2441MHz) was measure by spectrum analyzer with 30kHz RBW and 100kHz VBW. The video bandwidth not to be smaller than resolution bandwidth, the peak was mark on adjacent bandwidth, the between of peak is carrier frequency separation.

## 9.6. Test Results

**PASSED.** All the test results are attached in next pages.

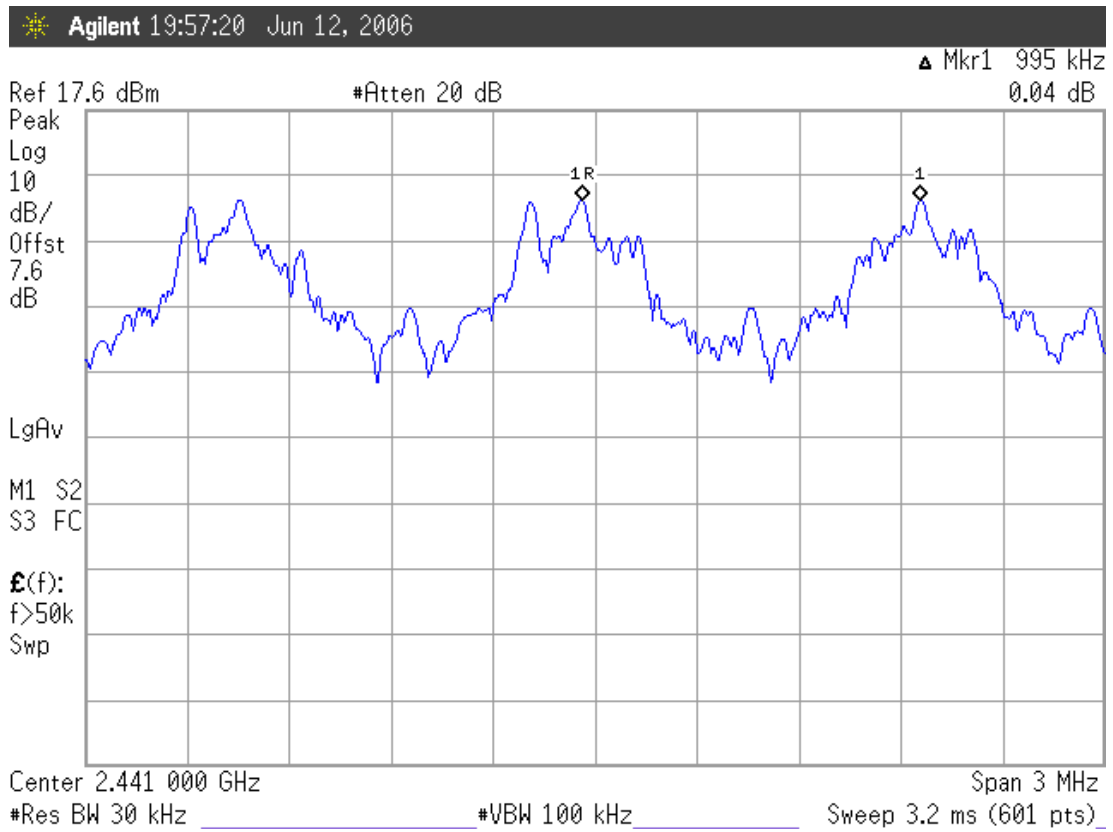
Test Date : Jun. 12, 2006    Temperature : 24            Humidity : 55 %

[Test Voltage is DC3.7V (via DC Power Supply)]

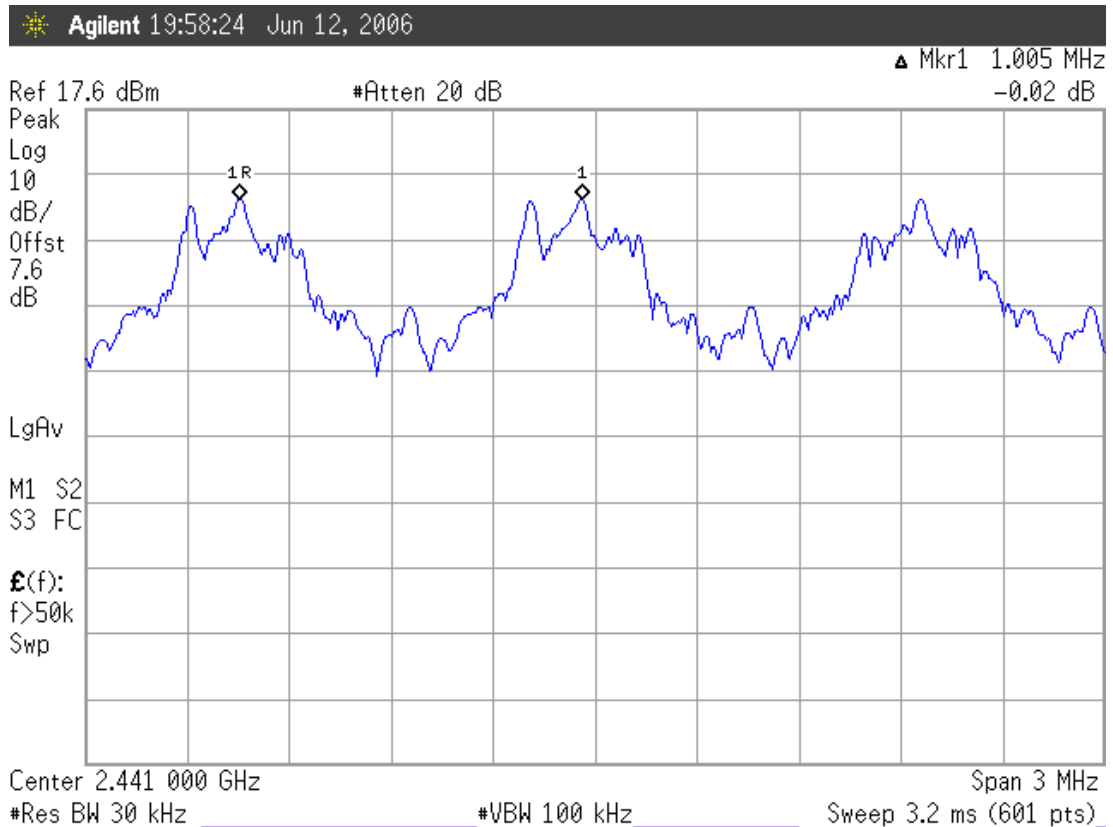
1. 2441MHz adjacent channel of right carrier frequency separation: 995kHz.
2. 2441MHz adjacent channel of left carrier frequency separation: 1.005MHz.

[Above values have met the requirement as specified in section 10.3: frequency hopping systems operating in the 2400-2483.5 MHz band may have hopping channel carrier frequencies that are separated by 25 kHz or two-thirds of the 20 dB bandwidth of the hopping channel, whichever is greater.]

## 9.6.1. Right Carrier Frequency Separation, 2441MHz



## 9.6.2. Left Carrier Frequency Separation, 2441MHz



## 10.20dB BANDWIDTH MEASUREMENT (BLUETOOTH)

### 10.1.Test Equipment

The following test equipment was used during the 20dB bandwidth measurement:

| Item | Type                                 | Manufacturer | Model No. | Serial No. | Last Cal.    | Next Cal.    |
|------|--------------------------------------|--------------|-----------|------------|--------------|--------------|
| 1.   | Spectrum Monitor                     | Agilent      | E4446A    | US44300366 | Aug. 23, 05' | Aug. 24, 06' |
| 2.   | Universal Radio Communication Tester | R&S          | CMU200    | 102280     | Nov. 22, 05' | Nov. 21, 06' |
| 3.   | Power Divider                        | Anritsu      | K240C     | 019728     | May 26, 06'  | May 25, 07'  |
| 4.   | DC Power Supply                      | TOP WARD     | 3303A     | 721773     | N/A          | N/A          |

### 10.2.Block Diagram of Test Setup

The same as section.10.2.

### 10.3.Specification Limits (§15.247(a)(1))

Alternatively, frequency hopping systems operating in the 2400-2483.5MHz band may have hopping channel carrier frequencies that are separated by 25kHz or two-thirds of the 20dB bandwidth of the hopping channel, whichever is greater.

### 10.4.Operating Condition of EUT

Same as carrier frequency separation measurement which was listed in 10.4 except the test set up replaced by section 11.2.

### 10.5.Test Procedure

The transmitter output was connected to the spectrum analyzer. The bandwidth of the fundamental frequency was measure by spectrum analyzer with 100kHz RBW and 100kHz VBW. The 20dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20dB.

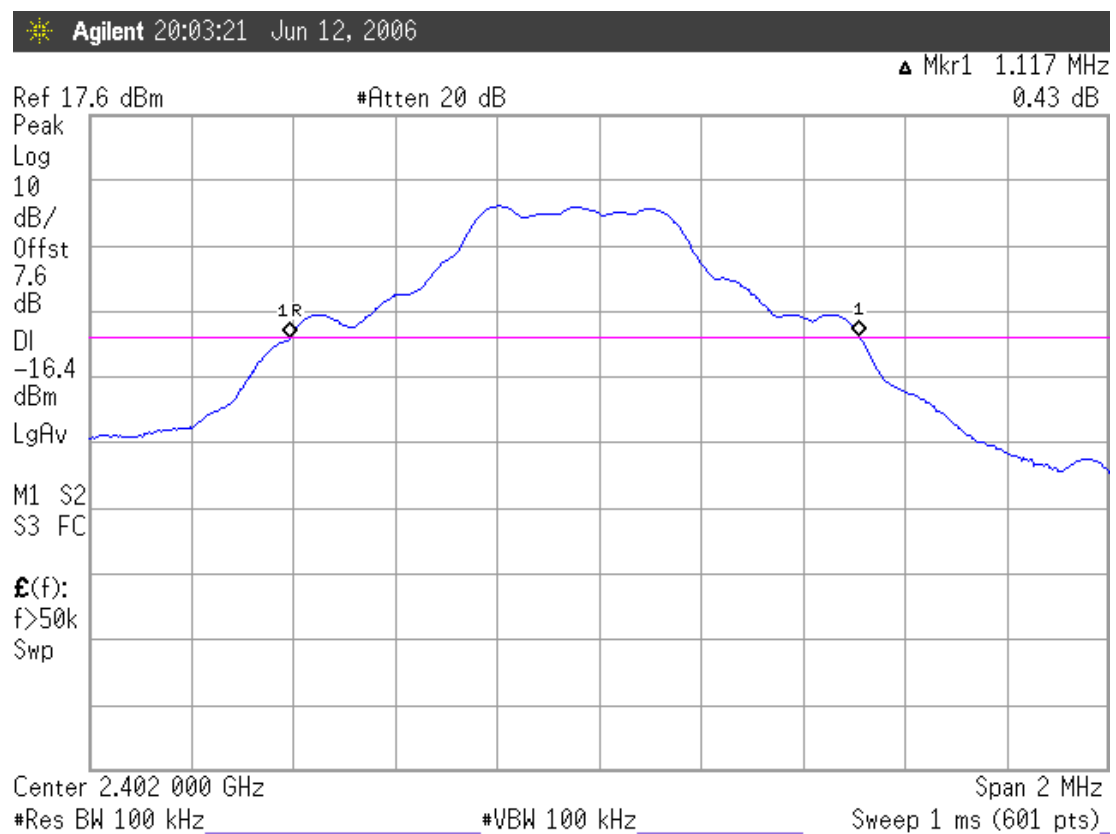
## 10.6. Test Results

**PASSED.** All the test results are attached in next pages.

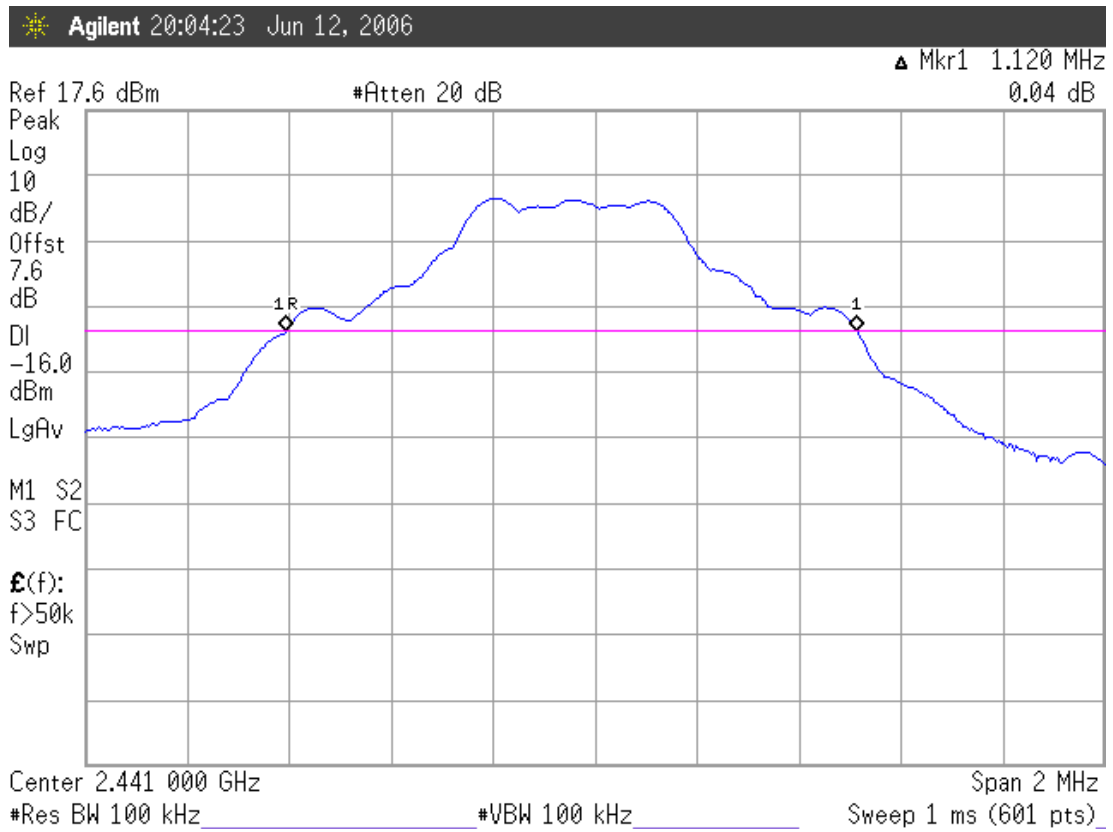
Test Date : Jun. 12, 2006    Temperature : 24    Humidity : 55 %

| No. | Test Voltage                        | Channel | Frequency | 20dB Bandwidth  | 2/3<br>(20dB Bandwidth) |
|-----|-------------------------------------|---------|-----------|-----------------|-------------------------|
| 1.  | DC 3.7V<br>(Via DC Power<br>Supply) | 0       | 2402MHz   | <b>1.117MHz</b> | <b>0.745MHz</b>         |
| 2.  |                                     | 39      | 2441MHz   | <b>1.120MHz</b> | <b>0.747MHz</b>         |
| 3.  |                                     | 78      | 2480MHz   | <b>1.133MHz</b> | <b>0.755MHz</b>         |

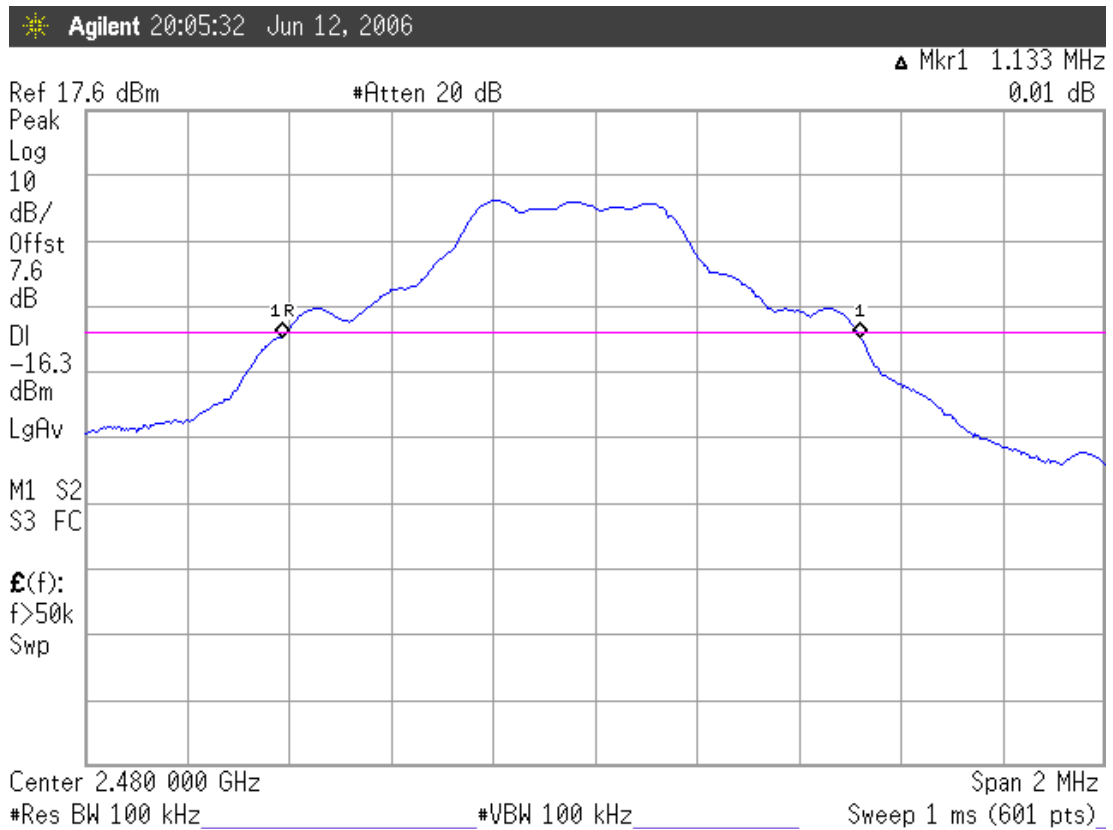
### 10.6.1. Channel 0, Frequency: 2402MHz



## 10.6.2. Channel 39, Frequency: 2441MHz



## 10.6.3. Channel 78, Frequency: 2480MHz



## 11.TIME OF OCCUPANCY MEASUREMENT (BLUETOOTH)

### 11.1.Test Equipment

The following test equipment was used during the time of occupancy measurement:

| Item | Type                                 | Manufacturer | Model No. | Serial No. | Last Cal.    | Next Cal.    |
|------|--------------------------------------|--------------|-----------|------------|--------------|--------------|
| 1.   | Spectrum Monitor                     | Agilent      | E4446A    | US44300366 | Aug. 23, 05' | Aug. 24, 06' |
| 2.   | Universal Radio Communication Tester | R&S          | CMU200    | 102280     | Nov. 22, 05' | Nov. 21, 06' |
| 3.   | Power Divider                        | Anritsu      | K240C     | 019728     | May 26, 06'  | May 25, 07'  |
| 4.   | DC Power Supply                      | TOP WARD     | 3303A     | 721773     | N/A          | N/A          |

### 11.2.Block Diagram of Test Setup

The same as section.10.2.

### 11.3.Specification Limits (§15.247(a)(1)(iii))

Frequency hopping systems in the 2400-2483.5MHz shall use at least 15 non-overlapping channels. The average time of occupancy on any channel shall not be greater than 0.4 seconds within a period of 0.4 seconds multiplied by number of hopping channels employed.

### 11.4.Operating Condition of EUT

Same as carrier frequency separation measurement which was listed in 10.4 except the test set up replaced by section 12.2.

### 11.5.Test Procedure

The transmitter output was connected to the spectrum analyzer. The bandwidth of the fundamental frequency was measure by spectrum analyzer with 1MHz RBW and 1MHz VBW.  $VBW \geq RBW$  ; Span=zero span.

Centered on a hopping channel sweep=as necessary to capture the entire dwell time per hopping channel ; Detector function=peak ; Trace=Max hold

## 11.6. Test Results

**PASSED.** All the test results are attached in next pages.

Test Date : Jun. 12, 2006    Temperature : 24            Humidity : 55 %

[Test Voltage is DC3.7V (via DC Power Supply)]

Duty cycle: 79 channels\*0.4 seconds = 31.6 seconds

DH1 : A The system makes worst case 1600 hops per second or 1 time slot has a length of 625us with 79 channels. A DH1 packet need 1 time slot for transmitting and 1 time slot for receiving. Then the system makes worst case 800 hops per second with 79 channels. So you have each channel 10.13 time per second and so for 31.6 seconds you have 320 time of appearance.

Each Tx-time per appearance is 383.3us.

$10.13 \text{ time} * 31.6 \text{ seconds} * 0.3833\text{ms} = 122.6974\text{ms} (<400\text{ms})$

B. For each 5 seconds of 51 channels appearance, the longest time of occupancy for each of 31.6 seconds is:

$51 \text{ channels} * 31.6 \text{ seconds} / 5 * 0.3833\text{ms} = 123.5453\text{ms} (<400\text{ms})$

DH3 : A The system makes worst case 1600 hops per second or 1 time slot has a length of 625us with 79 channels. A DH3 packet need 3 time slot for transmitting and 1 time slot for receiving. Then the system makes worst case 400 hops per second with 79 channels. So you have each channel 5.1 time per second and so for 31.6 seconds you have 161 time of appearance.

Each Tx-time per appearance is 1642us.

$5.1 \text{ time} * 31.6 \text{ seconds} * 1.642\text{ms} = 264.6247\text{ms} (<400\text{ms})$

B. For each 5 seconds of 26 channels appearance, the longest time of occupancy for each of 31.6 seconds is:

$26 \text{ channels} * 31.6 \text{ seconds} / 5 * 1.642\text{ms} = 269.8134\text{ms} (<400\text{ms})$

DH5 : A The system makes worst case 1600 hops per second or 1 time slot has a length of 625us with 79 channels. A DH5 packet need 1 time slot for transmitting and 1 time slot for receiving. Then the system makes worst case 266.7 hops per second with 79 channels. So you have each channel 3.37 time per second and so for 31.6 seconds you have 106 time of appearance.

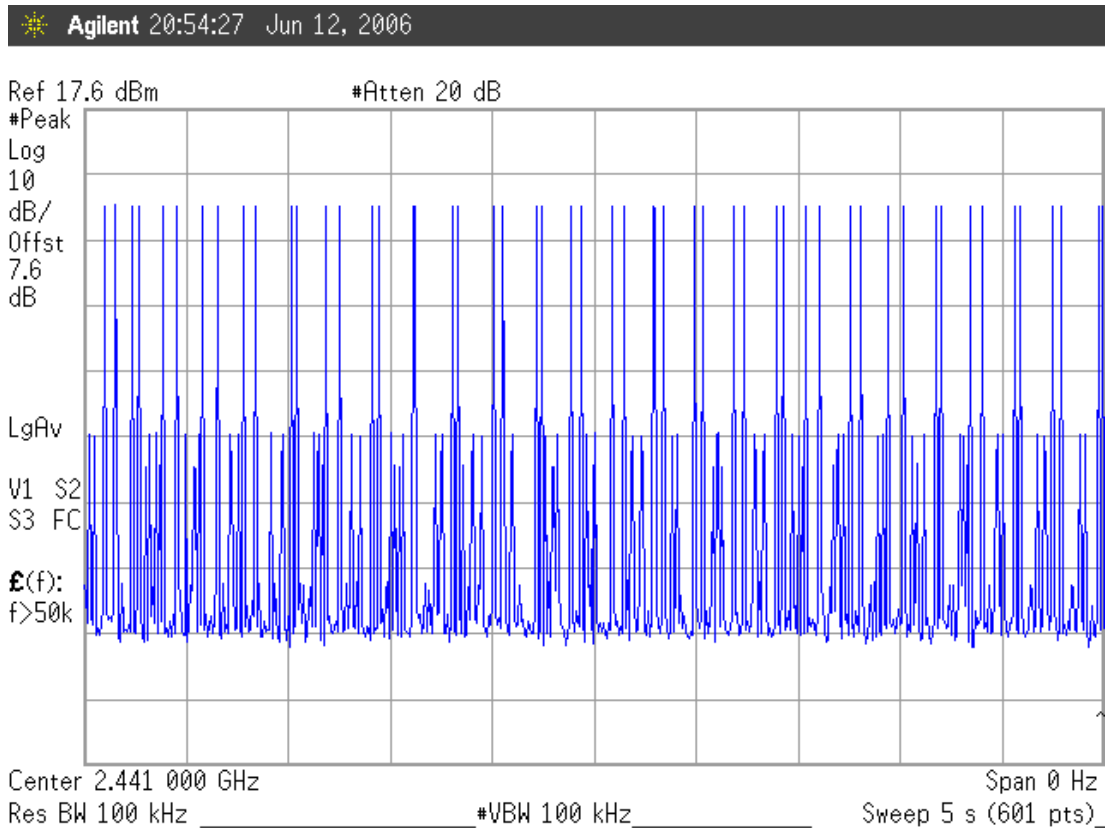
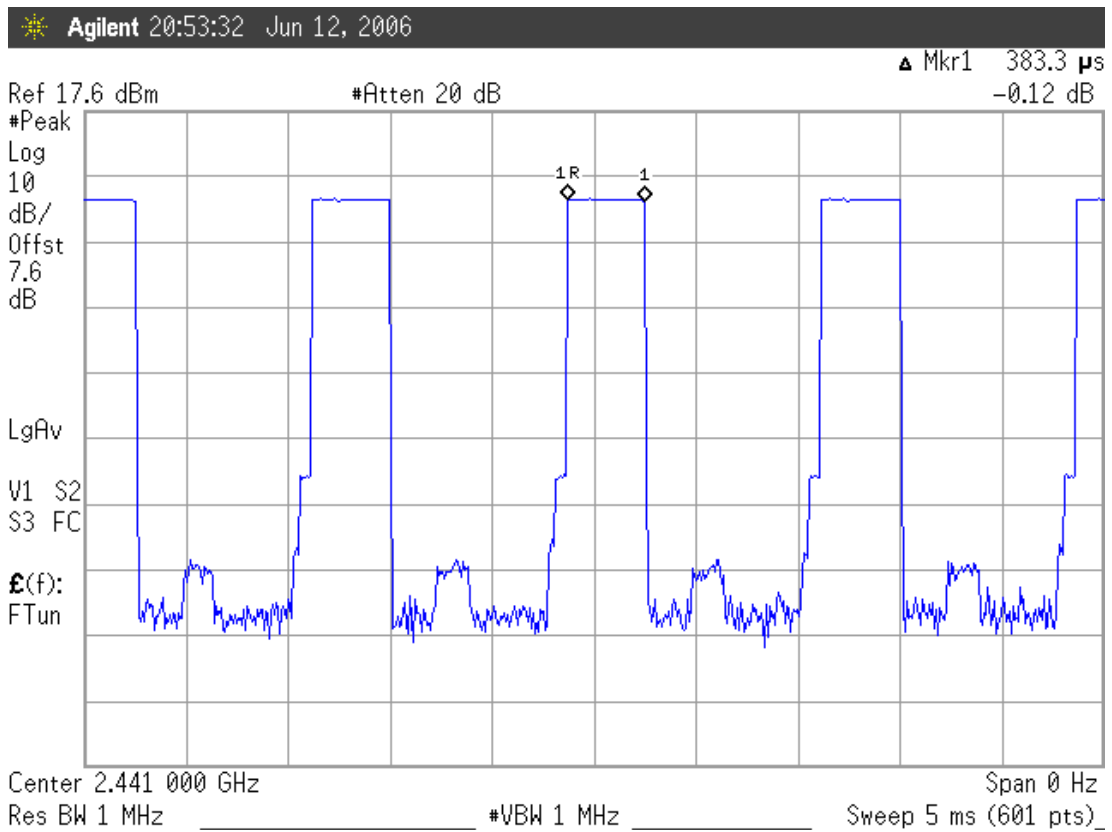
Each Tx-time per appearance is 2875us.

$3.37 \text{ time} * 31.6 \text{ seconds} * 2.875\text{ms} = 306.1645\text{ms} (<400\text{ms})$

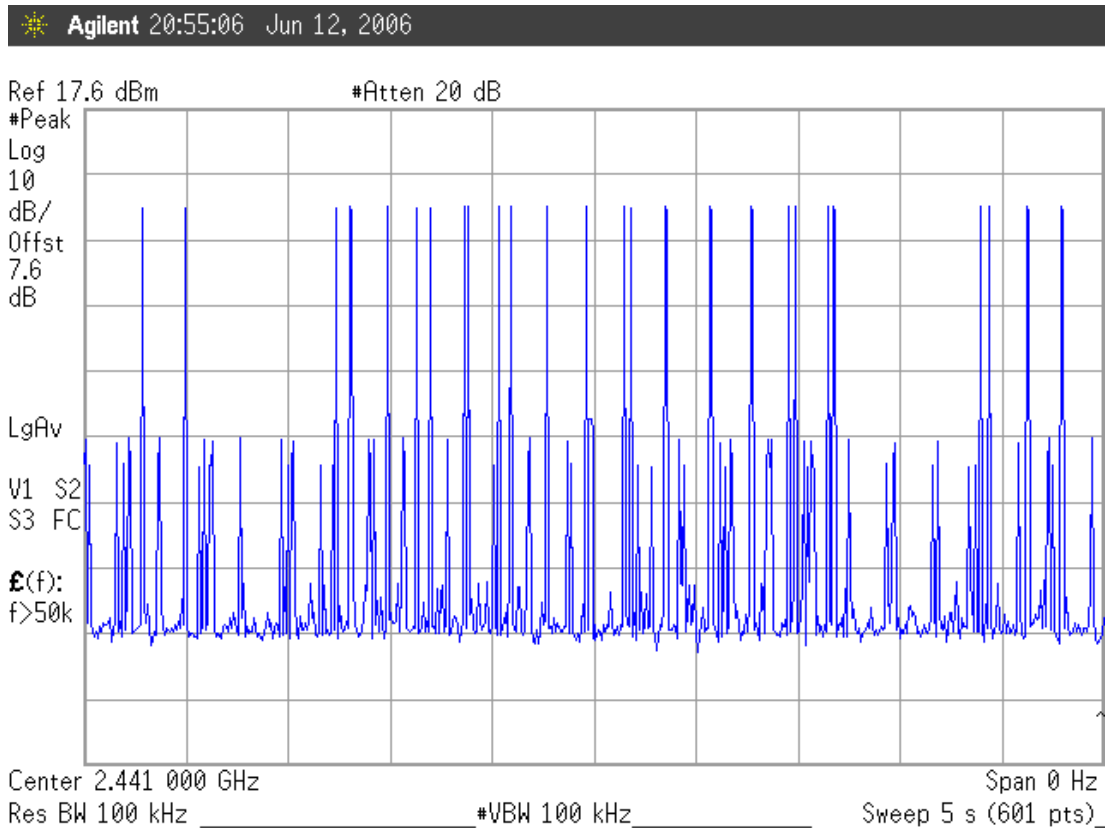
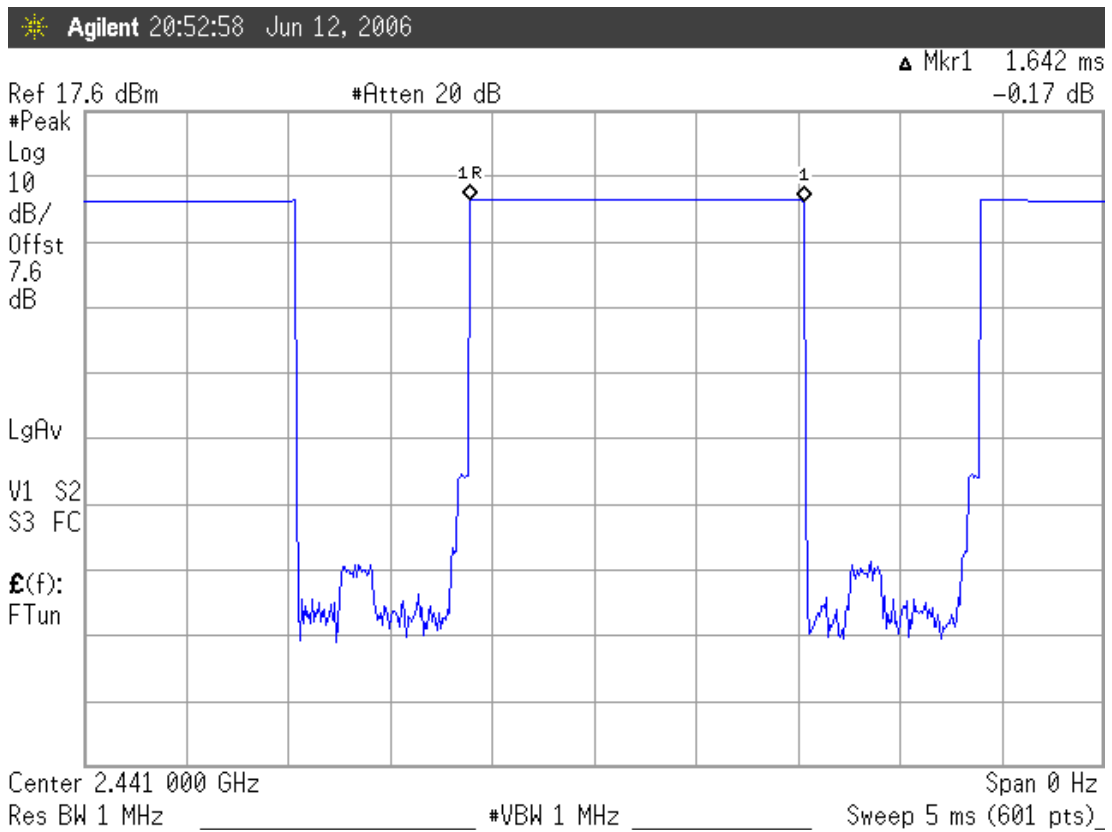
B. For each 5 seconds of 17 channels appearance, the longest time of occupancy for each of 31.6 seconds is:

$17 \text{ channels} * 31.6 \text{ seconds} / 5 * 2.875\text{ms} = 308.89\text{ms} (<400\text{ms})$

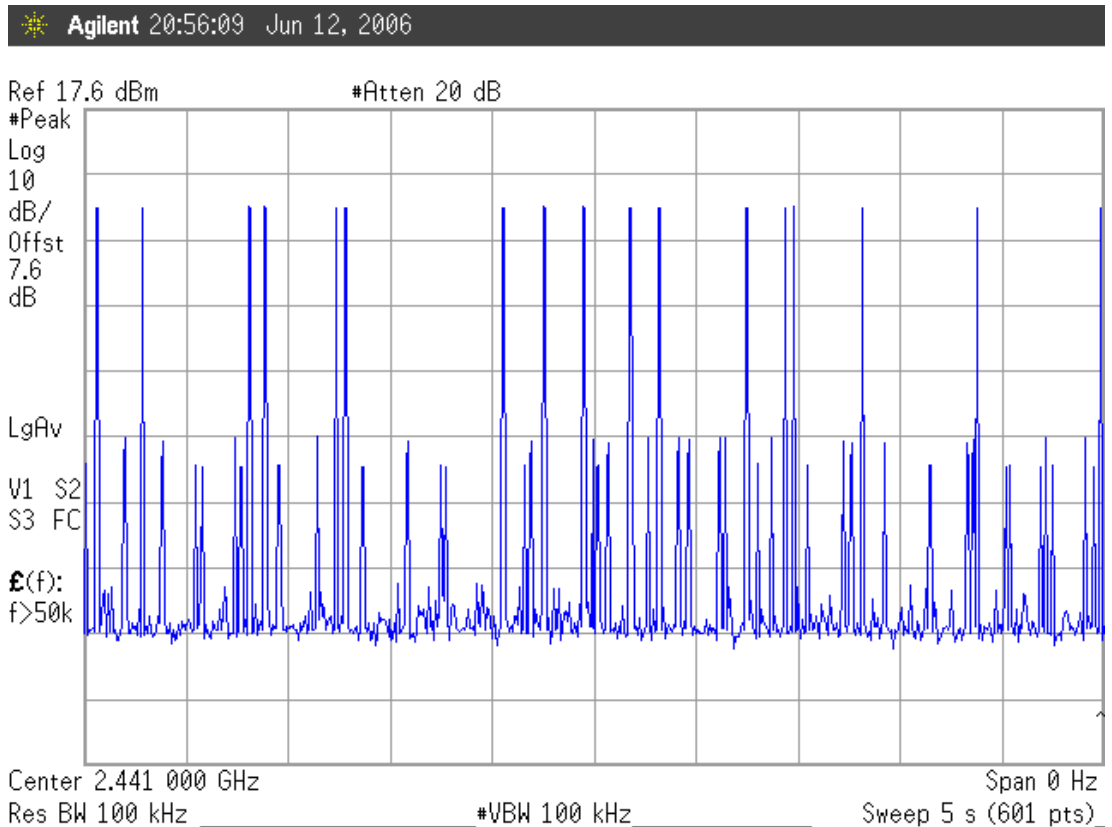
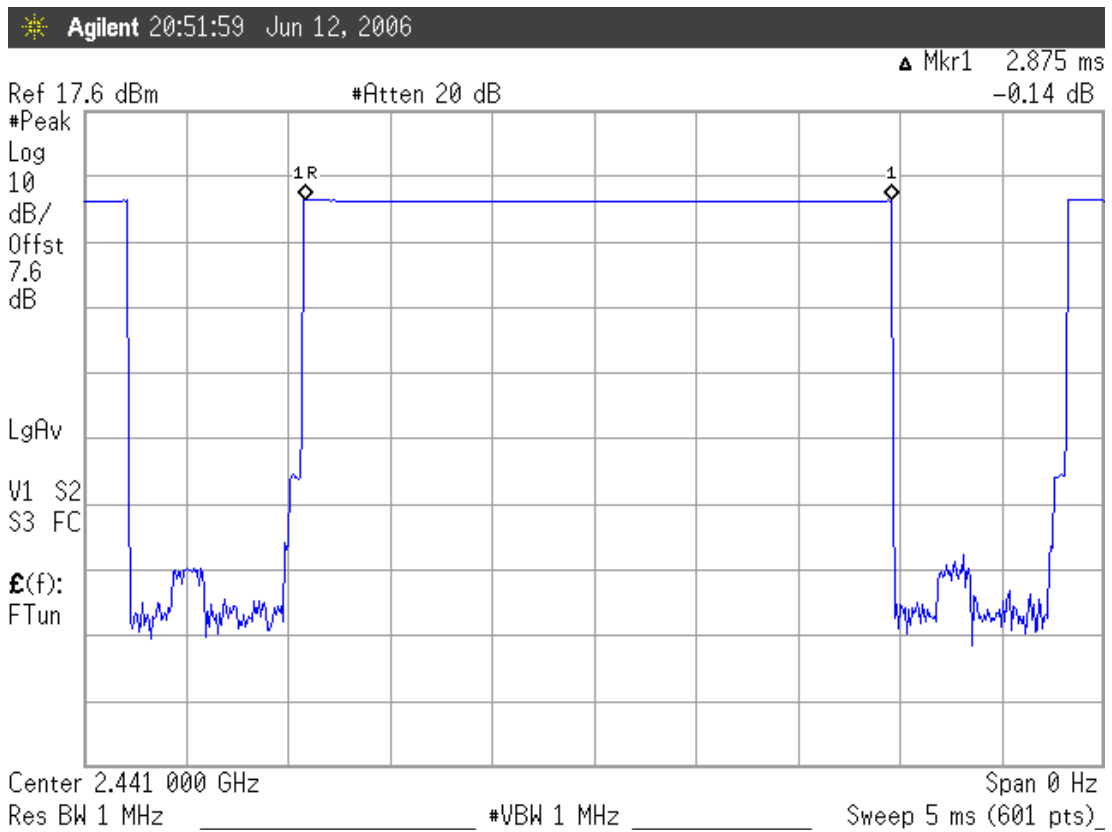
## 11.6.1. DH1



## 11.6.2. DH3



## 11.6.3. DH5



## 12.NUMBER OF HOPPING CHANNELS MEASUREMENT (BLUETOOTH)

### 12.1.Test Equipment

The following test equipment was used during the number of hopping channels measurement:

| Item | Type                                 | Manufacturer | Model No. | Serial No. | Last Cal.    | Next Cal.    |
|------|--------------------------------------|--------------|-----------|------------|--------------|--------------|
| 1.   | Spectrum Monitor                     | Agilent      | E4446A    | US44300366 | Aug. 23, 05' | Aug. 24. 06' |
| 2.   | Universal Radio Communication Tester | R&S          | CMU200    | 102280     | Nov. 22, 05' | Nov. 21, 06' |
| 3.   | Power Divider                        | Anritsu      | K240C     | 019728     | May 26, 06'  | May 25, 07'  |
| 4.   | DC Power Supply                      | TOP WARD     | 3303A     | 721773     | N/A          | N/A          |

### 12.2.Block Diagram of Test Setup

The same as section.10.2.

### 12.3.Specification Limits (§15.247(a)(1)(iii))

Frequency hopping systems which use fewer than 75 hopping frequencies may employ intelligent hopping techniques to avoid interference to other transmissions. Frequency hopping systems may avoid or suppress transmissions on a particular hopping frequency provided that a minimum of 15 non-overlapping channels.

### 12.4.Operating Condition of EUT

Same as carrier frequency separation measurement which was listed in 10.4 except the test set up replaced by section 13.2.

### 12.5.Test Procedure

The transmitter output was connected to the spectrum analyzer. The bandwidth of the fundamental frequency was measure by spectrum analyzer with 100kHz RBW and 100kHz VBW. Sweep=Auto ; Detector function=peak ; Trace=Max hold

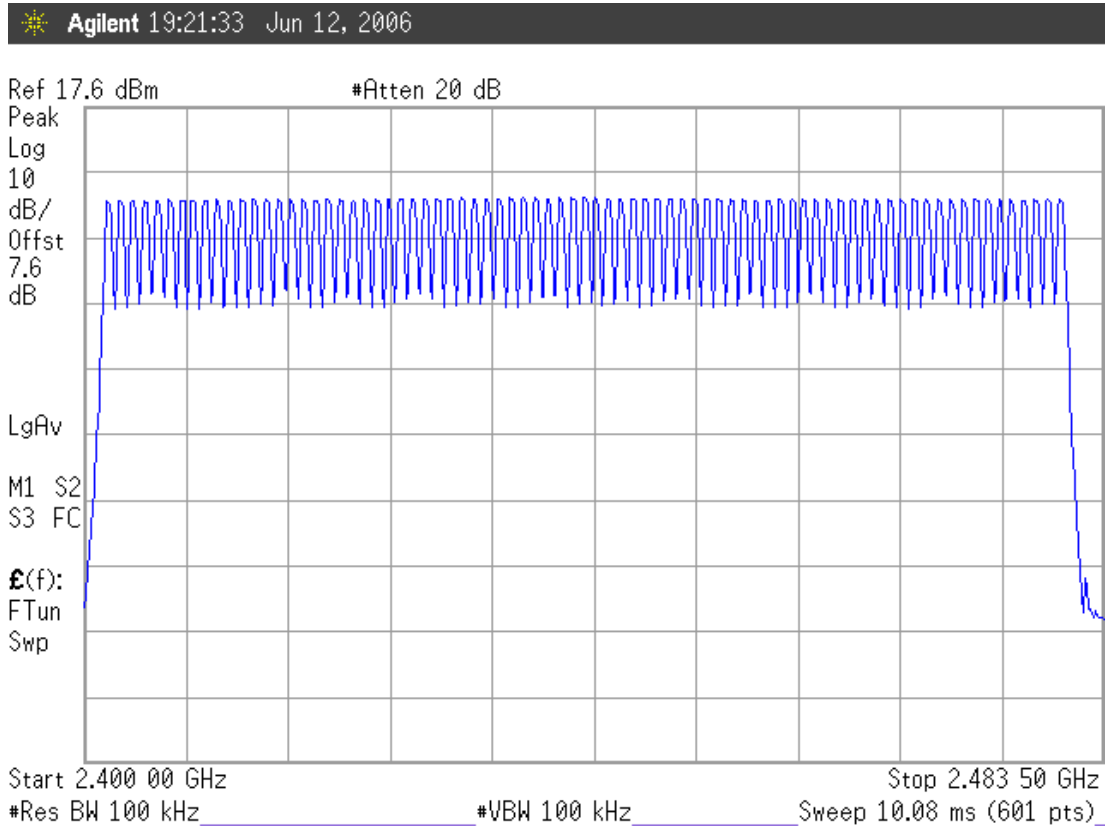
### 12.6.Test Results

**PASSED.** All the test results are attached in next page.

Test Date : Jun. 12, 2006 Temperature : 24 Humidity : 55 %

[Test Voltage is DC3.7V (via DC Power Supply)]

The number hopping channel is 79.



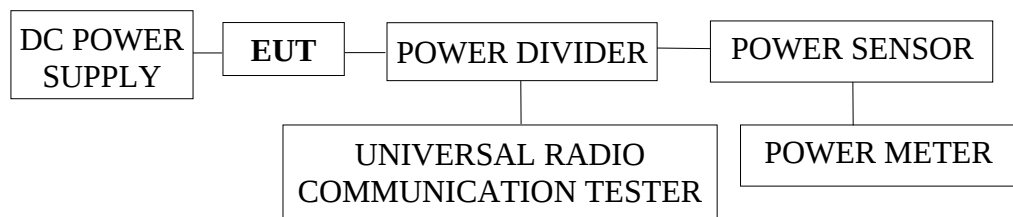
## 13. MAXIMUM PEAK OUTPUT POWER MEASUREMENT (BLUETOOTH)

### 13.1. Test Equipment

The following test equipment was used during the maximum peak output power measurement:

| Item | Type                                 | Manufacturer | Model No. | Serial No. | Last Cal.    | Next Cal.    |
|------|--------------------------------------|--------------|-----------|------------|--------------|--------------|
| 1.   | Power Meter                          | Power Meter  | Anritsu   | ML2487A    | 6K000001563  | Jan. 09, 06' |
| 2.   | Power Sensor                         | Power Sensor | Anritsu   | MA2491A    | 030873       | Jan. 09, 06' |
| 3.   | Universal Radio Communication Tester | R&S          | CMU200    | 102280     | Nov. 22, 05' | Nov. 21, 06' |
| 3.   | Power Divider                        | Anritsu      | K240C     | 019728     | May 26, 06'  | May 25, 07'  |
| 4.   | DC Power Supply                      | TOP WARD     | 3303A     | 721773     | N/A          | N/A          |

### 13.2. Block Diagram of Test Setup



**EUT: Personal Digital Assistant or Pocket PC**

### 13.3. Specification Limits (§15.247(b)-(1))

The Limits of maximum Peak Output Power for frequency hopping systems in 2400-2483.5MHz is: 1Watt. (30dBm)

### 13.4. Operating Condition of EUT

Same as carrier frequency separation measurement which was listed in 10.4 except the test set up replaced by section 14.2.

### 13.5. Test Procedure

The transmitter output was connected to the power sensor and record the reading of power meter.

### 13.6. Test Results

**PASSED.** All the test results are listed below.

Test Date : Jun. 12, 2006    Temperature : 24                      Humidity : 55 %

| No. | Test Voltage  | Channel | Frequency | Peak Output Power | Limit |
|-----|---------------|---------|-----------|-------------------|-------|
| 1.  | DC 3.7V       | 0       | 2402MHz   | <b>3.85dBm</b>    | 30dBm |
| 2.  | (Via DC Power | 39      | 2441MHz   | <b>3.83dBm</b>    | 30dBm |
| 3.  | Supply)       | 78      | 2480MHz   | <b>3.80dBm</b>    | 30dBm |

## 14.EMISSION LIMITATIONS MEASUREMENT (BLUETOOTH)

### 14.1.Test Equipment

The following test equipment was used during the emission limitations measurement:

| Item | Type                                 | Manufacturer | Model No. | Serial No. | Last Cal.    | Next Cal.    |
|------|--------------------------------------|--------------|-----------|------------|--------------|--------------|
| 1.   | Spectrum Monitor                     | Agilent      | E4446A    | US44300366 | Aug. 23, 05' | Aug. 24, 06' |
| 2.   | Universal Radio Communication Tester | R&S          | CMU200    | 102280     | Nov. 22, 05' | Nov. 21, 06' |
| 3.   | Power Divider                        | Anritsu      | K240C     | 019728     | May 26, 06'  | May 25, 07'  |
| 4.   | DC Power Supply                      | TOP WARD     | 3303A     | 721773     | N/A          | N/A          |

### 14.2.Block Diagram of Test Setup

The same as section.10.2.

### 14.3.Specification Limits (§15.247(c))

In any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (See Section 15.205(c)).( This test result attaching to §3.6.3)

### 14.4.Operating Condition of EUT

Same as carrier frequency separation measurement which was listed in 10.4 except the test set up replaced by section 15.2.

### 14.5.Test Procedure

The transmitter output was connected to the spectrum analyzer. Set both RBW and VBW of spectrum analyzer to 100kHz with frequency range from 30MHz to 25GHz.

## 14.6. Test Results

**PASSED.** All the test results are attached in next pages.

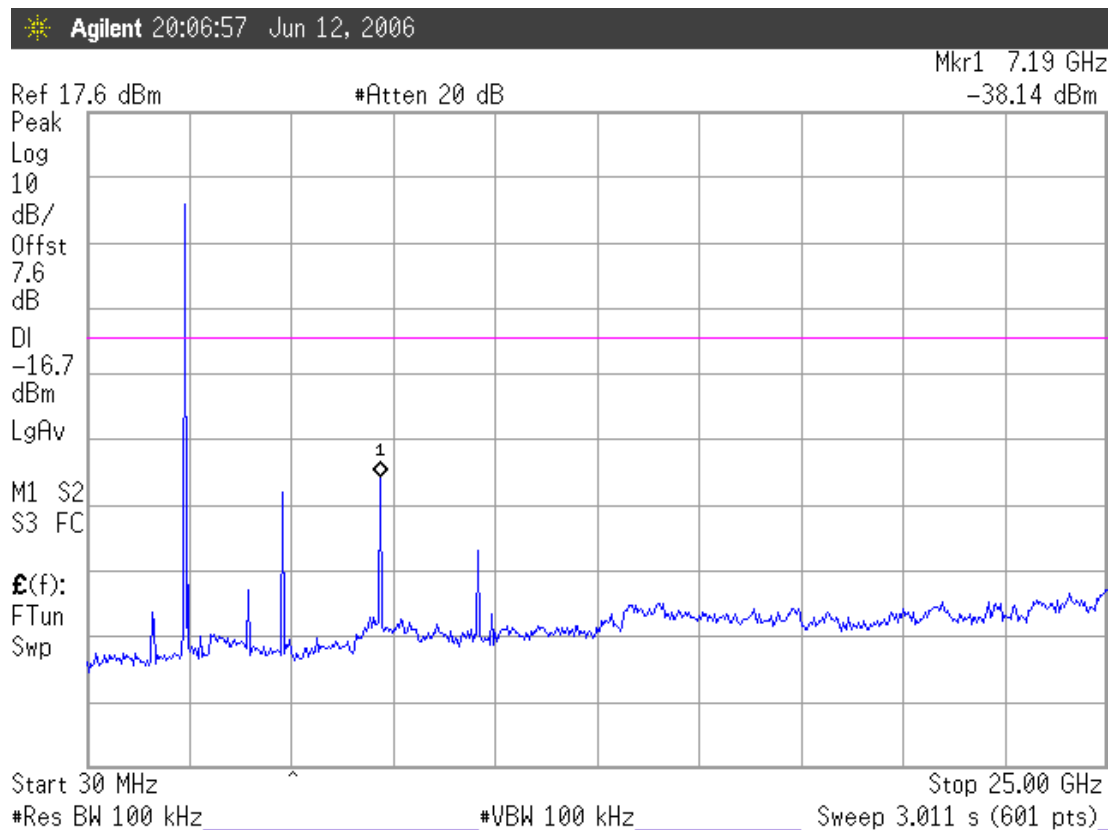
Test Date : Jun. 12, 2006    Temperature : 24    Humidity : 55 %

[Test Voltage is DC3.7V (via DC Power Supply)]

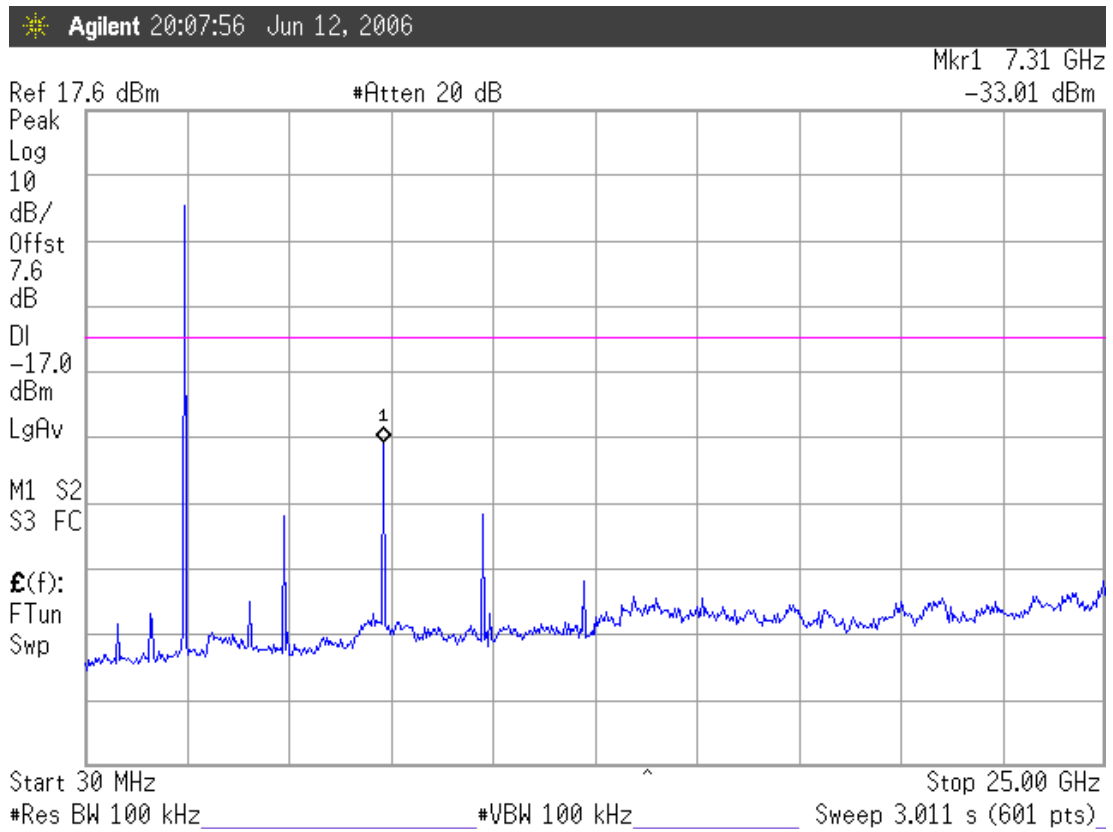
1. 2402MHz: During 30MHz~25GHz bandwidth. In the 2.4GHz, the -38.14dBm is max value that is lower than 20dB of primary channel.
2. 2441MHz: During 30MHz~25GHz bandwidth. In the 2.4GHz, the -33.01dBm is max value that is lower than 20dB of primary channel.
3. 2480MHz: During 30MHz~25GHz bandwidth. In the 2.4GHz, the -35.75dBm is max value that is lower than 20dB of primary channel.

Note: The peak above the limit line is the carrier frequency.

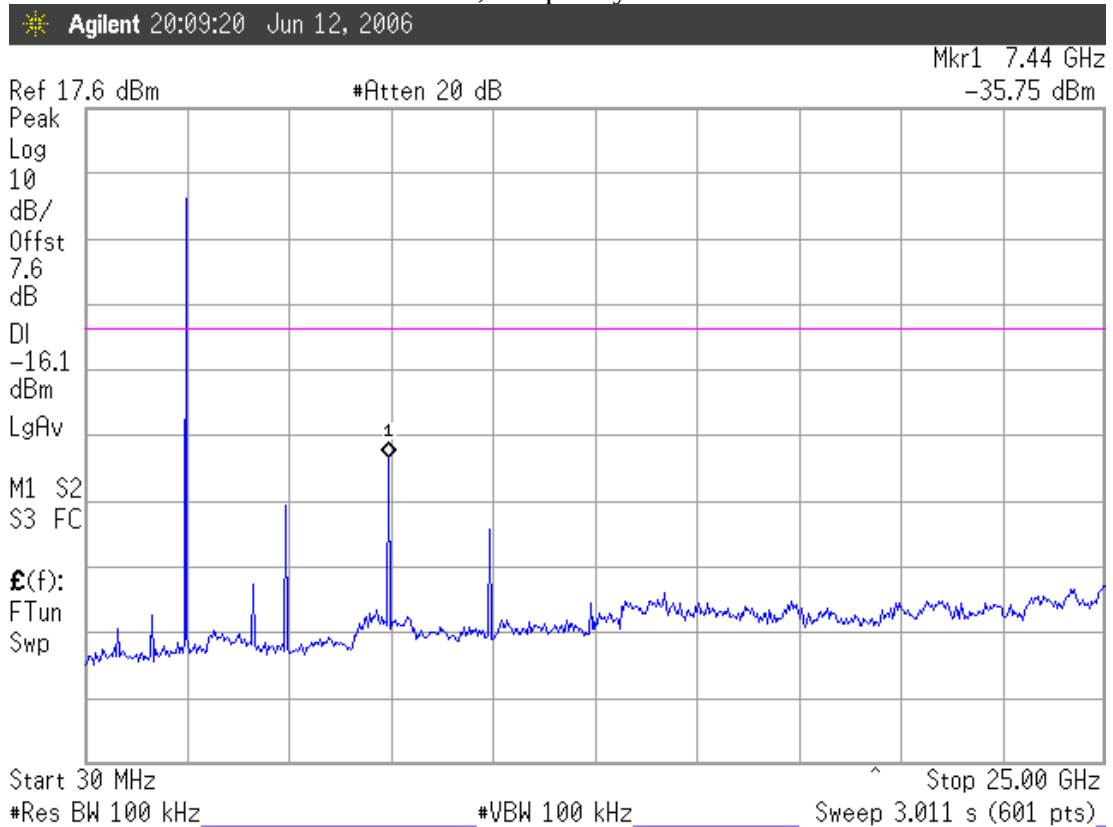
### 14.6.1. Channel 0, Frequency: 2402MHz



## 14.6.2. Channel 39, Frequency: 2441MHz



## 14.6.2.1. Channel 78, Frequency: 2480MHz



## 15.BAND EDGES MEASUREMENT (BLUETOOTH)

### 15.1.Test Equipment

The following test equipment was used during the band edges measurement:

| Item | Type                                 | Manufacturer | Model No. | Serial No. | Last Cal.    | Next Cal.    |
|------|--------------------------------------|--------------|-----------|------------|--------------|--------------|
| 1.   | Spectrum Monitor                     | Agilent      | E4446A    | US44300366 | Aug. 23, 05' | Aug. 24, 06' |
| 2.   | Universal Radio Communication Tester | R&S          | CMU200    | 102280     | Nov. 22, 05' | Nov. 21, 06' |
| 3.   | Power Divider                        | Anritsu      | K240C     | 019728     | May 26, 06'  | May 25, 07'  |
| 4.   | DC Power Supply                      | TOP WARD     | 3303A     | 721773     | N/A          | N/A          |

### 15.2.Block Diagram of Test Setup

The same as section.10.2.

### 15.3.Specification Limits (§15.247(c))

In any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (See Section 15.205(c)). ( This test result attaching to §3.6.3)

### 15.4.Operating Condition of EUT

Same as carrier frequency separation measurement which was listed in 10.4 except the test set up replaced by section 16.2.

### 15.5.Test Procedure

The transmitter output was connected to the spectrum analyzer. Set both RBW and VBW of spectrum analyzer to 100kHz with suitable frequency span including 100kHz bandwidth from band edge.

### 15.6.Test Results

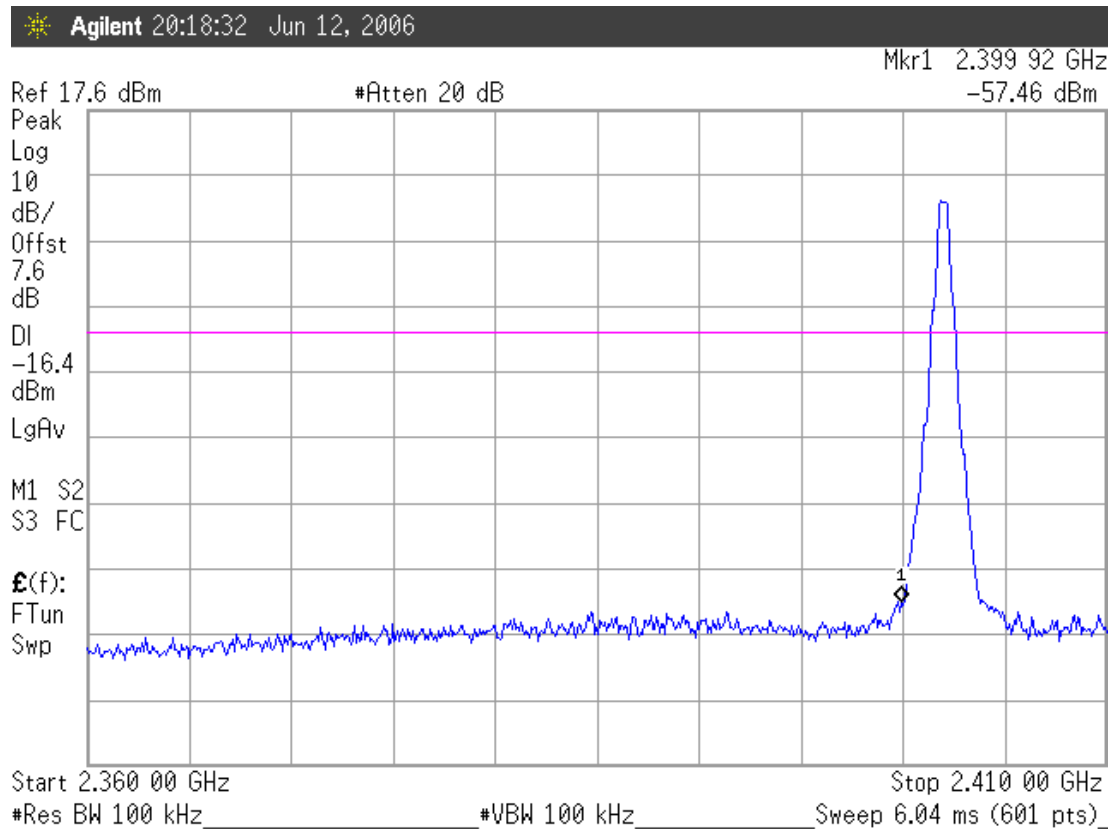
**PASSED.** The testing data was attached in the next pages.

Test Date : Jun. 12, 2006    Temperature : 24                      Humidity : 55 %

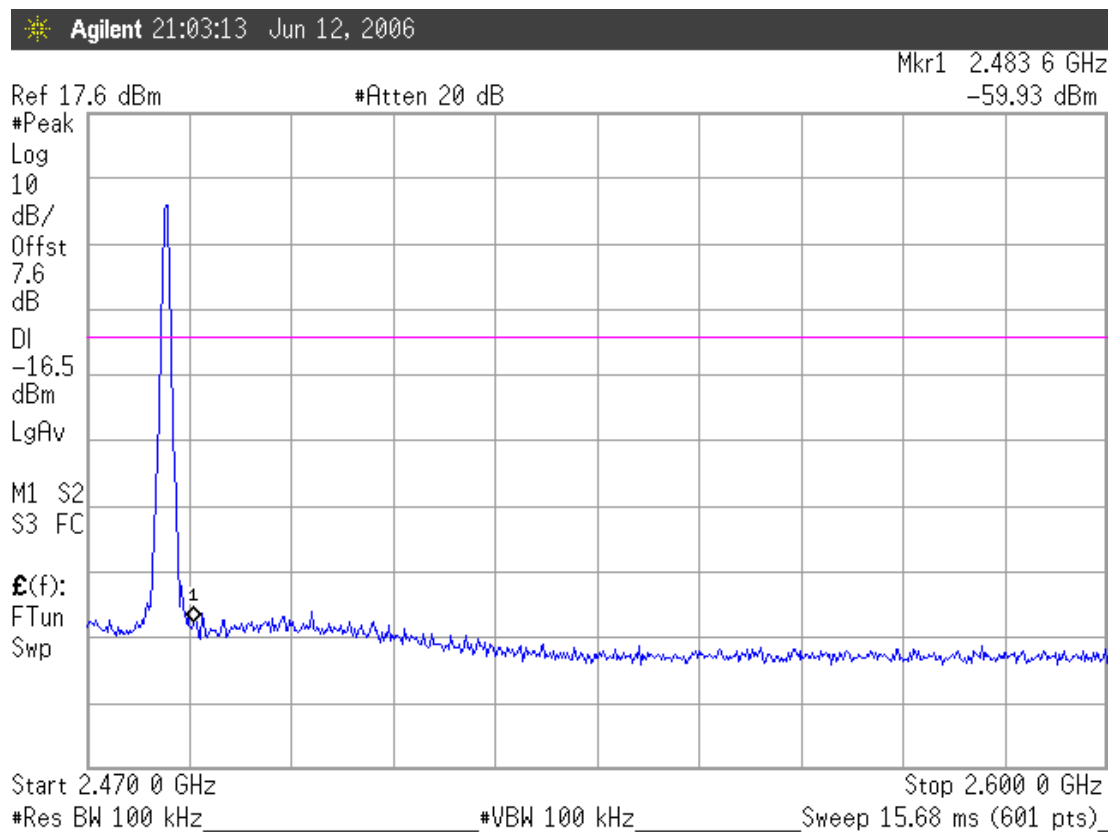
[Test Voltage is DC3.7V (via DC Power Supply)]

1. Upper Band edge : The highest emission level is – 57.46dBm on 2.39992GHz.
2. Below Band edge: The highest emission level is – 53.93dBm on 2.4836GHz.

## 15.6.1. Below Band edge



## 15.6.2. Upper Band edge



## **16.DEVIATION TO TEST SPECIFICATIONS**

**【NONE】**