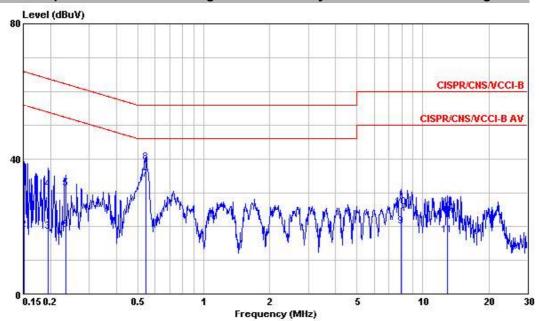
6.3.4 Frequency Range of Test: 150kHz to 30 MHz

Test Mode: Mode 4 USB Mode

Temperature: 26°C Relative Humidity: 53 %

■ The test that passed at minimum margin was marked by the frame in the following table.



Site : site

Condition : CISPR/CNS/VCCI-B 2003 2001/004 LINE

EUT : PDA

POWER :120V/60Hz

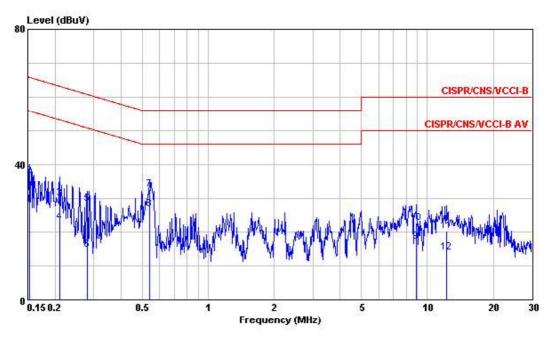
MODEL

· HSB Mode MEMO

| DATE | INIO , 1 | OND INTO | i Ge | | | | | | |
|------|------------|----------|---------------|---------------|---------------|------|----------------|---------------|---------|
| | Freq | Level | Over Limit | Limit Line | Read Level | | LISN Factor | Cable Loss | |
| | MHz | ₫BuŸ | ₫B | ₫BuV | ₫BuV | ₫B | ₫B | ₫B | |
| 1 | 0.1507970 | 36.48 | -29.48 | 65.96 | 36.37 | 0.11 | 0.10 | 0.01 | QP |
| 2 | 0.1507970 | 18.90 | -37.06 | 55.96 | 18.79 | 0.11 | 0.10 | 0.01 | Average |
| 3 | 0.1954980 | 18.37 | -35.43 | 53.80 | 18.26 | 0.11 | 0.10 | 0.01 | Average |
| 4 | 0.1954980 | 31.08 | -32.72 | 63.80 | 30.97 | 0.11 | 0.10 | 0.01 | QP . |
| 5 | 0.2340870 | 31.21 | -31.09 | 62.30 | 31.10 | 0.11 | 0.10 | 0.01 | ÕР |
| 6 | 0.2340870 | 19.05 | -33.25 | 52.30 | 18.94 | 0.11 | 0.10 | 0.01 | Average |
| 7 | @0.5464400 | 33.94 | -12.06 | 46.00 | 33.81 | 0.13 | 0.10 | 0.03 | Average |
| 8 | @0.5464400 | 38.85 | -17.15 | 56.00 | 38.72 | 0.13 | 0.10 | 0.03 | QP |
| 9 | 7.980 | 20.11 | -29.89 | 50.00 | 19.91 | | 0.10 | | Average |
| 10 | 7.980 | | -34.22 | 60.00 | 25.58 | 0.20 | 0.10 | 0.10 | |
| 11 | 12.920 | 17.45 | | 50.00 | 17.15 | | 0.16 | | Average |
| 12 | 12.920 | 24.57 | -35.43 | 60.00 | 24.27 | 0.30 | 0.16 | 0.14 | QP |

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Site : site

Condition : CISPR/CNS/VCCI-B 2003 2001/004 NEUTRAL

EUT : PDA

POWER : 120V/60Hz

MODEL

MEMO : USB Mode

| TALLY | 1010 | OND IOL | 546 | | | | | | |
|-------|------------|---------|--|---------------|---------------|------|--|---------------|---------|
| | Freq | Level | Over Limit | Limit Line | Read Level | | LISN Factor | Cable Loss | Remark |
| | MHz | −dBuV | $\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$ | ₫BuV | dBu₹ | āB | $\phantom{aaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaaa$ | ₫B | |
| 1 | 0.1532130 | 28.07 | -27.75 | 55.82 | 27.96 | 0.11 | 0.10 | 0.01 | Average |
| 2 | 0.1532130 | 36.47 | -29.35 | 65.82 | 36.36 | 0.11 | 0.10 | 0.01 | OP - |
| 3 | 0.2094380 | 30.04 | -33.19 | 63.23 | 29.93 | 0.11 | 0.10 | 0.01 | ÕΡ |
| 4 | 0.2094380 | 22.81 | -30.42 | 53.23 | 22.70 | 0.11 | 0.10 | 0.01 | Average |
| 5 | 0.2802930 | 28.38 | -32.43 | 60.81 | 28.27 | 0.11 | 0.10 | 0.01 | OP |
| 6 | 0.2802930 | 14.63 | -36.18 | 50.81 | 14.52 | 0.11 | 0.10 | 0.01 | Äverage |
| 7 | | 32.51 | -23.49 | 56.00 | 32.38 | 0.13 | 0.10 | 0.03 | QP |
| 8 | @0.5378230 | 26.77 | -19.23 | 46.00 | 26.64 | 0.13 | 0.10 | 0.03 | Average |
| 9 | 8.920 | 17.17 | -32.83 | 50.00 | 16.88 | 0.29 | 0.19 | 0.10 | Average |
| 10 | 8.920 | 22.76 | -37.24 | 60.00 | 22.47 | 0.29 | | 0.10 | QP |
| 11 | 12.250 | 20.32 | -39.68 | 60.00 | 19.99 | 0.33 | 0.20 | 0.13 | |
| 12 | 12.250 | 14.05 | -35.95 | 50.00 | 13.72 | 0.33 | 0.20 | 0.13 | Average |

Test Engineer :

01/

TEL : 886-2-2696-2468 FAX : 886-2-2696-2255

7. Test of Radiated Emission

Radiated emissions from 30 MHz to 25 GHz were measured according to the methods defined in ANSI C63.4-2001. The EUT was placed, 0.8 meter above the ground plane, as shown in section 5.6.3. The interface cables and equipment positions were varied within limits of reasonable applications to determine the positions producing maximum radiated emissions

7.1 **Major Measuring Instruments**

 Amplifier (MITEQ AFS44)

RF Gain 40 dB

Signal Input 100 MHz to 26.5 GHz

(HP8447D) Amplifier

RF Gain 30 dB

Signal Input 100 MHz to 1.3 GHz

 Spectrum analyzer (R&S FSP40)

Attenuation 10 dB Start Frequency 1 GHz Stop Frequency 25 GHz Resolution Bandwidth 1 MHz Video Bandwidth 1 MHz

9 kHz to 40 GHz Signal Input

 Spectrum analyzer (R&S FSP40)

Attenuation 10 dB Start Frequency 30MHz Stop Frequency 1 GHz Resolution Bandwidth 120 KHz Video Bandwidth 300KHz

9 kHz to 40 GHz Signal Input

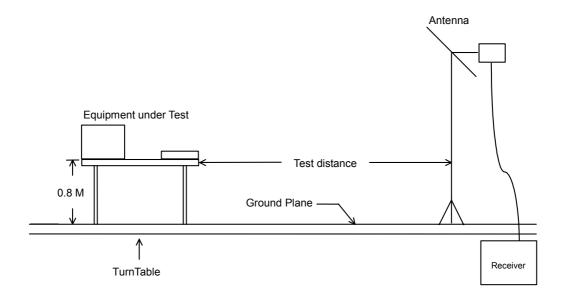
SPORTON International Inc.

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7.2 Test Procedures

- 1. The EUT was placed on a rotatable table top 0.8 meter above ground.
- 2. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
- 3. The table was rotated 360 degrees to determine the position of the highest radiation.
- 4. The antenna is a broadband antenna and its height is varied between one meter and four meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
- 5. For each suspected emission, the EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
- 6. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function and specified bandwidth with Maximum Hold Mode.
- 7. For testing below 1GHz, If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be repeated one by one using the quasi-peak method and reported.
- 8. For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in average mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.

7.3 Typical Test Setup Layout of Radiated Emission



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: NM8BALI

FCC ID

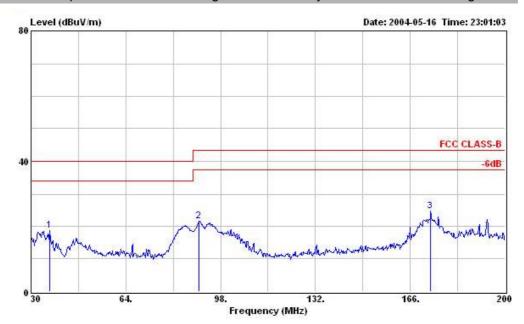
7.4 Test Result of Radiated Emission

7.4.1 Test Mode: Mode 1 TX- BT CH00 (2402 MHz), WLAN CH01 (2412MHz)

Test Distance : 3 mTemperature : 26 °CRelative Humidity :53 %

- Emission level (dBuV/m) = 20 log Emission level (uV/m)
- Corrected Reading: Probe Factor + Cable Loss + Read Level Preamp Factor = Level

The test that passed at minimum margin was marked by the frame in the following table.



Site : 03CH03-HY

Condition: FCC CLASS-B 3m BIC-9124--301 HORIZONTAL

EUT

Power : 120V/60Hz

Model

Memo : BT TX CH00 2402MHz : WLAN TX CH01 2412MHz

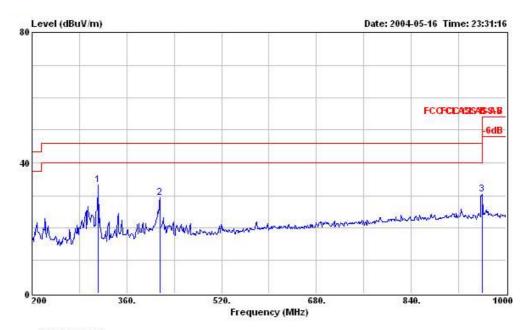
: Cradle +USB

| | Freq | Level | | Limit Line | | | | | Remark | Ant Pos | Table Pos | | |
|---|---------|--------|--------|---------------|-------|--------|------|-------|--------|------------|-----------------|-----|-----|
| | MHz | dBuV/m | dBuV/m | dBuV/m | dB | dBuV/m | dBuV | dB | dB | dB | S S | CM. | deg |
| 1 | 36.630 | 18.73 | -21.27 | 40.00 | 33.17 | 12.56 | 1.03 | 28.03 | Peak | 95559 | 0.7070 | | |
| 2 | 90.350 | 21.55 | -21.95 | 43.50 | 38.55 | 9.30 | 1.62 | 27.92 | Peak | | | | |
| 3 | 173.310 | 24.57 | -18.93 | 43.50 | 36.58 | 13.36 | 2.38 | 27.75 | Peak | | | | |

 SPORTON International Inc.
 FCC ID
 : NM8BALI

 TEL: 886-2-2696-2468
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 FAX: 886-2-2696-2255
 Issued Date
 : May 25, 2004



Site : 03CH03-HY

Condition: FCC CLASS-B 3m LOG-9111-221 HORIZONTAL

EUT

Power : 120V/60Hz

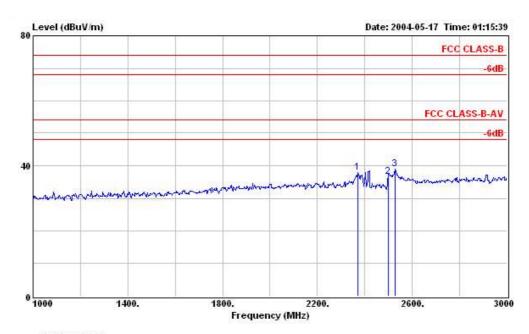
Model

Memo : BT TX CH00 2402MHz : WLAN TX CH01 2412MHz

: Cradle +USB

| | Freq | Level | Over Limit | Limit Line | | Probe Factor | | | | Ant Pos | Table Pos |
|---|---------|--------|---------------|---------------|-------|-----------------|------|-------|-----------------|------------|--------------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | dB | S S | cm | deg |
| 1 | 311.200 | 33.35 | -12.65 | 46.00 | 43.71 | 13.86 | 3.14 | 27.36 | Peak | | 25555 |
| 2 | 416.000 | 29.43 | -16.57 | 46.00 | 37.77 | 16.05 | 3.55 | 27.94 | Peak | | |
| 3 | 960.000 | 30.31 | -15.69 | 46.00 | 30.96 | 21.92 | 5.67 | 28.24 | Peak | | |

: NM8BALI FCC ID TEL: 886-2-2696-2468 : 57 of 132 Page No. FAX: 886-2-2696-2255 Issued Date : May 25, 2004



Site : 03CH03-HY

Condition: FCC CLASS-B 3m HORN-ANT-6741 HORIZONTAL

EUT

Power : 120V/60Hz

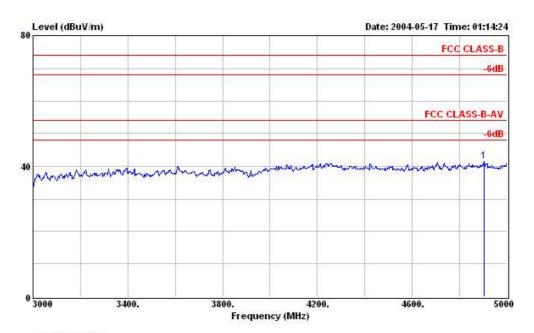
Model

BT TX CH00 2402MHz Memo : WLAN TX CH01 2412MHz

: Cradle +USB

| | Freq | Level | | Limit Line | | | | | | Ant Pos | Table Pos | |
|---|----------|--------|--------|---------------|--------|-------|------|-------|------|------------|--------------|-----|
| | MHz | dBuV/m | dBuV/m | dB | dBuV/m | dBuV | dB | dB | dB | SS | CM. | deg |
| 1 | 2372.000 | 37.87 | -36.13 | 74.00 | 49.14 | 28.16 | 1.70 | 41.13 | Peak | | 125555 | |
| 2 | 2498.000 | 36.57 | -37.43 | 74.00 | 47.49 | 28.43 | 1.85 | 41.20 | Peak | | | |
| 3 | 2526 000 | 38 86 | -35 14 | 74 00 | 49 67 | 28 52 | 1 87 | 41 20 | Peak | | | |

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Site : 03CH03-HY

Condition: FCC CLASS-B 3m HORN-ANT-6741 HORIZONTAL

EUT

Power : 120V/60Hz

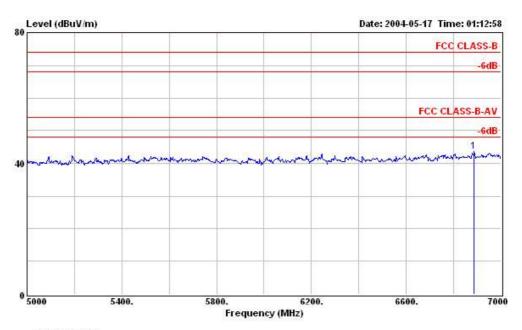
Model

BT TX CH00 2402MHz Memo : WLAN TX CH01 2412MHz

: Cradle +USB

| | Freq | Level | | Limit Line | | | | | | Ant Pos | Table Pos |
|---|----------|--------|--------|---------------|-------|-------|------|-------|------|------------|--------------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | dB | : | - cm | deg |
| 1 | 4902.000 | 41.44 | -32.56 | 74.00 | 48.20 | 33.23 | 2.49 | 42.48 | Peak | 0.77.770 | (070,770) |

: NM8BALI FCC ID TEL: 886-2-2696-2468 : 59 of 132 Page No. FAX: 886-2-2696-2255 Issued Date : May 25, 2004



Site : 03CH03-HY

Condition: FCC CLASS-B 3m HORN-ANT-6741 HORIZONTAL

EUT

Power : 120V/60Hz

Model

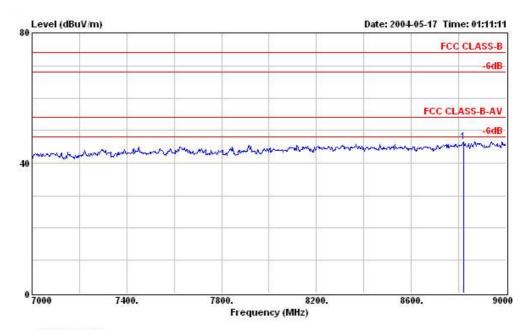
Memo BT TX CH00 2402MHz

: WLAN TX CH01 2412MHz

: Cradle +USB

| | | | 0ver | Limit | Read | Probe | Cable | Preamp | | Ant | Table |
|---|----------|--------|--------|--------|-------|--------|-------|--------|--------|-----|-------|
| | Freq | Level | Limit | Line | Level | Factor | Loss | Factor | Remark | Pos | Pos |
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | dB | S | CM | deg |
| 1 | 6886 000 | 43.68 | -30 32 | 74 00 | 48 60 | 35 08 | 3 06 | 43 06 | Peak | | |

: NM8BALI FCC ID TEL: 886-2-2696-2468 : 60 of 132 Page No. FAX: 886-2-2696-2255 Issued Date : May 25, 2004



Site : 03CH03-HY

Condition: FCC CLASS-B 3m HORN-ANT-6741 HORIZONTAL

EUT

Power : 120V/60Hz

Model

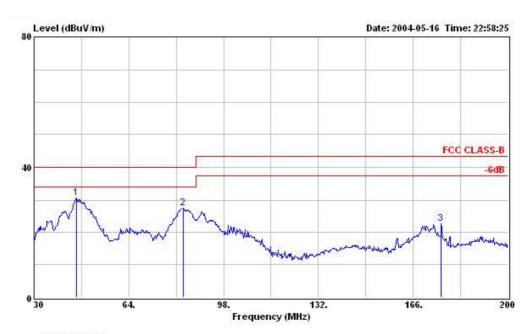
BT TX CH00 2402MHz Memo

: WLAN TX CH01 2412MHz

: Cradle +USB

| | Freq | Level | | Limit Line | | | | | Remark | Ant Pos | Table Pos |
|---|----------|--------|--------|---------------|-------|-------|------|-------|-----------------|------------|--------------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | dB | 6 6 | - CM | deg |
| 1 | 8820.000 | 46.60 | -27.40 | 74.00 | 46.30 | 38.03 | 3.41 | 41.14 | Peak | | |

: NM8BALI FCC ID TEL: 886-2-2696-2468 : 61 of 132 Page No. FAX: 886-2-2696-2255 Issued Date : May 25, 2004



Site : 03CH03-HY

Condition: FCC CLASS-B 3m BIC-9124--301 VERTICAL

EUT

Power : 120V/60Hz

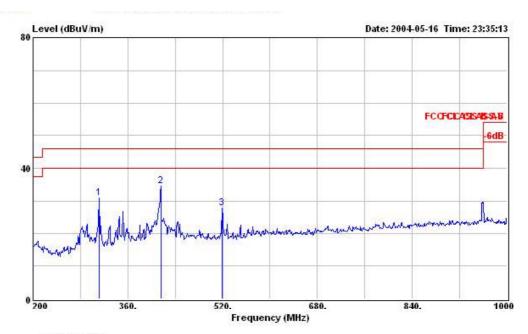
Model

BT TX CH00 2402MHz Memo : WLAN TX CH01 2412MHz

: Cradle +USB

| Table Pos | Ant Pos | Remark | | | Probe Factor | | | Over Limit | Level | Freq | |
|--------------|------------|--------|-------|------|-----------------|-------|--------|---------------|--------|---------|---|
| deg | cm | S | dB | dB | dB | dBuV | dBuV/m | dB | dBuV/m | MHz | - |
| | | Peak | 28.01 | 1.15 | 10.59 | 47.03 | 40.00 | -9.24 | 30.76 | 45.300 | 1 |
| 15000 | 1222 | Peak | 27.93 | 1.56 | 9.69 | 44.20 | 40.00 | -12.48 | 27.52 | 83.550 | 2 |
| 100000 | 022200 | Dook | 27 75 | 2 29 | 12 44 | 24 56 | 42 50 | -20 96 | 22 64 | 176 020 | 2 |

: NM8BALI FCC ID TEL: 886-2-2696-2468 Page No. : 62 of 132 FAX: 886-2-2696-2255 Issued Date : May 25, 2004



Site : 03CH03-HY

Condition: FCC CLASS-B 3m LOG-9111-221 VERTICAL

EUT

Power : 120V/60Hz

Model

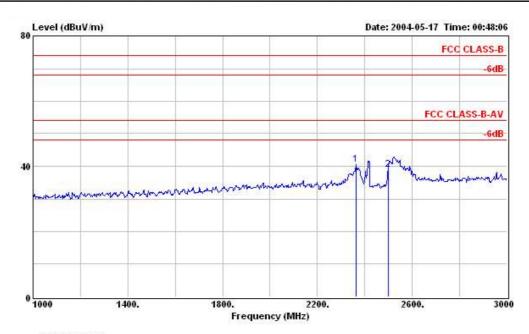
: BT TX CH00 2402MHz Memo

: WLAN TX CH01 2412MHz

: Cradle +USB

| | Freq | Level | Over Limit | | | Probe Factor | | | | Ant Pos | Table Pos | |
|---|---------|--------|---------------|-------|--------|-----------------|------|-------|------|------------|--------------|-----|
| | MHz | dBuV/m | dBuV/m | dB | dBuV/m | dBuV | dB | dB | dB | : | cm | deg |
| 1 | 311.200 | 30.94 | -15.06 | 46.00 | 41.30 | 13.86 | 3.14 | 27.36 | Peak | 9.00.00 | 0.000 | |
| 2 | 416.000 | 34.52 | -11.48 | 46.00 | 42.86 | 16.05 | 3.55 | 27.94 | Peak | | | |
| 3 | 519.200 | 27.77 | -18.23 | 46.00 | 34.99 | 17.51 | 3.99 | 28.72 | Peak | | | |

: NM8BALI FCC ID TEL: 886-2-2696-2468 Page No. : 63 of 132 FAX: 886-2-2696-2255 Issued Date : May 25, 2004



Site : 03CH03-HY

Condition: FCC CLASS-B 3m HORN-ANT-6741 VERTICAL

EUT

Power : 120V/60Hz

Model

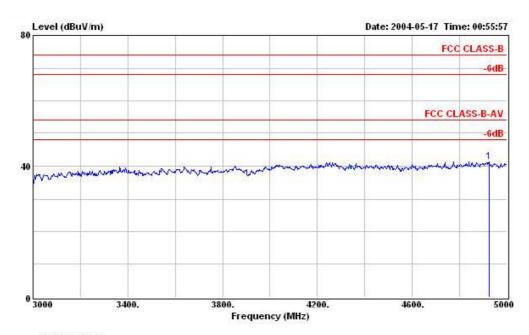
BT TX CH00 2402MHz Memo

: WLAN TX CH01 2412MHz

: Cradle +USB

| | Freq | Level | Over Limit | Limit Line | | Probe Factor | | | | Ant Pos | Table Pos |
|---|----------|--------|---------------|---------------|-------|-----------------|------|-------|------|------------|--------------|
| | MHz | dBuV/m | - dB | dBuV/m | dBuV | dB | dB | dB | S | cm | deg |
| 1 | 2364.000 | 40.51 | -33.49 | 74.00 | 51.78 | 28.15 | 1.70 | 41.12 | Peak | 95559 | |
| 2 | 2498.000 | 38.98 | -35.02 | 74.00 | 49.90 | 28.43 | 1.85 | 41.20 | Peak | | |

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: 03CH03-HY

Condition: FCC CLASS-B 3m HORN-ANT-6741 VERTICAL

EUT

Power : 120V/60Hz

Model

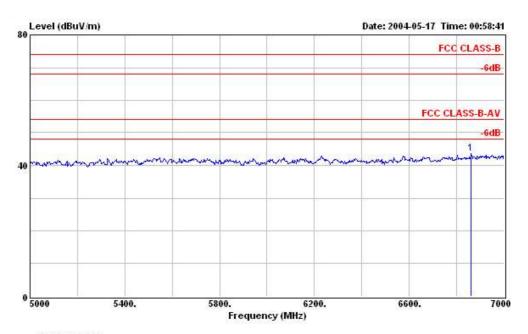
Memo BT TX CH00 2402MHz

: WLAN TX CH01 2412MHz

: Cradle +USB

Over Limit Read Probe Cable Preamp Ant Table Freq Level Limit Line Level Factor Loss Factor Remark Pos Pos MHz dBuV/m dB dBuV/m dBuV dB deg 1 4924.000 41.27 -32.73 74.00 48.04 33.27 2.47 42.51 Peak

: NM8BALI FCC ID TEL: 886-2-2696-2468 Page No. : 65 of 132 FAX: 886-2-2696-2255 Issued Date : May 25, 2004



Site : 03CH03-HY

Condition: FCC CLASS-B 3m HORN-ANT-6741 VERTICAL

EUT

Power : 120V/60Hz

Model

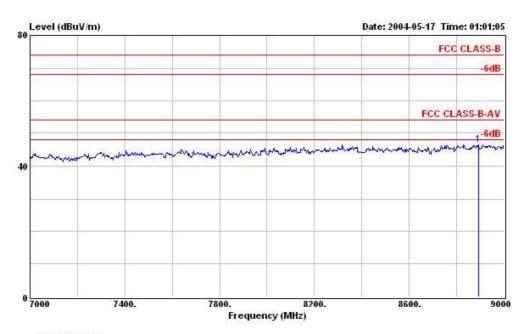
: BT TX CH00 2402MHz Memo

: WLAN TX CH01 2412MHz

: Cradle +USB

| | Freq | Level | | Limit Line | | | | | | Ant Pos | Table Pos |
|---|----------|--------|--------|---------------|-------|-------|------|-------|------|------------|--------------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | dB | · | CW. | deg |
| 1 | 6862.000 | 43.74 | -30.26 | 74.00 | 48.81 | 35.03 | 2.98 | 43.08 | Peak | 0.5.5.50 | |

: NM8BALI FCC ID TEL: 886-2-2696-2468 Page No. : 66 of 132 FAX: 886-2-2696-2255 Issued Date : May 25, 2004



Site : 03CH03-HY

Condition: FCC CLASS-B 3m HORN-ANT-6741 VERTICAL

EUT

Power : 120V/60Hz

Model

BT TX CH00 2402MHz Memo

: WLAN TX CH01 2412MHz

: Cradle +USB

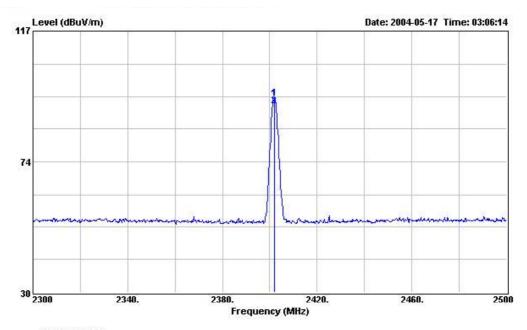
| | F | Freq | Lev | el | | | | | | | | | | | Pream Facto | - | Remark | Ant Pos | Table Pos |
|---|------|------|-------|----|---------|----|-----|----|---------------------------------------|----|------------|----|-----|--------|----------------|---|--------|------------|--------------|
| | *** | MHz | dBuV. | | 25 - CO | | dBu | | e e e e e e e e e e e e e e e e e e e | | 5 <u>1</u> | dB | | B B | | В | | cm | deg |
| 1 | 8892 | 000 | 46 | 52 | -27 | 48 | 74 | 00 | 46 | 23 | 38 | 06 | 3 2 | 6 | 41 0 | 3 | Doob | | |

Mark:

Frequency from 9000MHz to 25000MHz, the emission emitted by the EUT is too low to be measured.

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BT TX CH00 2402MHz



Site : 03CH03-HY

Condition: 3m HORN-ANT-6741 HORIZONTAL

EUT

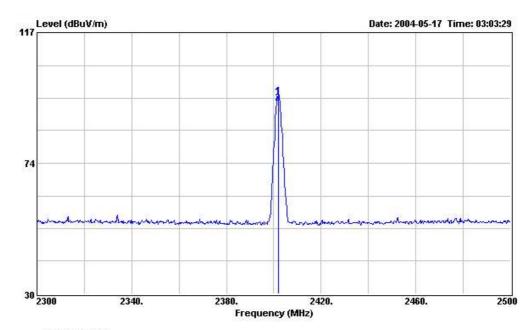
Power : 120V/60Hz

Model

BT TX CH00 2402MHz Memo

| | Freq | Level | | | | Probe Factor | | | | Ant Pos | Table Pos |
|---|----------|--------|----|--------|-------|-----------------|------|------|---------|------------|--------------|
| 3 | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | dB | | CIV. | deg |
| 1 | 2402.000 | 94.61 | | | 64.65 | 28.23 | 1.73 | 0.00 | Peak | | |
| 2 | 2402.000 | 92.25 | | | 62.29 | 28.23 | 1.73 | 0.00 | Average | | |

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: 03CH03-HY Site

Condition: 3m HORN-ANT-6741 VERTICAL

EUT

Power : 120V/60Hz

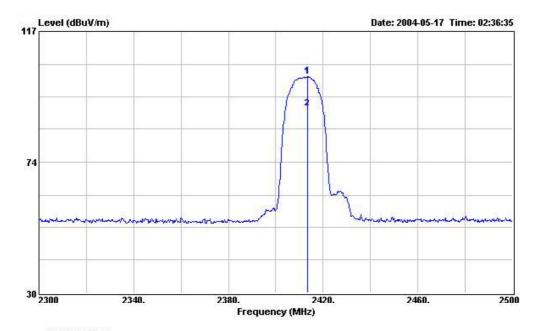
Model

BT TX CH00 2402MHz Memo

| | Freq | Level | | Limit Line | | | | | | Ant Pos | Table Pos |
|---|----------|--------|----|---------------|-------|-------|------|------|---------|------------|--------------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | dB | · | cm | deg |
| 1 | 2402.000 | 95.78 | | | 65.82 | 28.23 | 1.73 | 0.00 | Peak | | |
| 2 | 2402.000 | 93.58 | | | 63.62 | 28.23 | 1.73 | 0.00 | Average | | |

: NM8BALI FCC ID TEL: 886-2-2696-2468 Page No. : 69 of 132 FAX: 886-2-2696-2255 Issued Date : May 25, 2004

WLAN TX CH01 2412MHz



: 03CH03-HY Site

Condition: 3m HORN-ANT-6741 HORIZONTAL

EUT

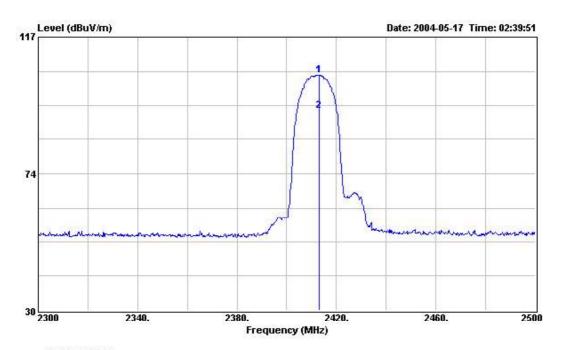
Power : 120V/60Hz

Model

Memo : WLAN TX CH01 2412MHz

| | Freq | Level | | Limit Line | | | | | Remark | Ant Pos | Table Pos |
|---|----------|--------|----|---------------|-------|-------|------|------|---------|------------|--------------|
| | (5.0000A | dBuV/m | dB | dBuV/m | dBuV | dB | dB | dB | | cm_ | deg |
| 1 | 2413.400 | 101.97 | | | 71.98 | 28.25 | 1.74 | 0.00 | Peak | | |
| 2 | 2413.400 | 91.22 | | | 61.23 | 28.25 | 1.74 | 0.00 | Average | | 0.00 |

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: 03CH03-HY Site

Condition: 3m HORN-ANT-6741 VERTICAL

EUT

Power : 120V/60Hz

Model

: WLAN TX CH01 2412MHz Memo

| | 30 -22 8 000-300 0 | 1 Children 1 | | Limit | | | | | | Ant | |
|---|-------------------------------|--------------|-------|--------|-------|--------|------|--------|---------------|-----|-------|
| | Freq | Level | Limit | Line | Level | Factor | Loss | Factor | Remark | Pos | Pos |
| 3 | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | dB | (| GW | deg |
| 1 | 2413.200 | 104.88 | | | 74.89 | 28.25 | 1.74 | 0.00 | Peak | | 3224 |
| 2 | 2413 200 | 93 65 | | | 63 66 | 28 25 | 1 74 | 0.00 | Amerane | | 30000 |

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■ Field strength of fundamental and harmonics

| Test Item | Frequency | | Antenna | Cable | Reading | Preamp | Limits | Emission | Margin | Detect |
|-----------|-----------|----------|----------|-------|---------|--------|------------|----------|--------|---------|
| | | Polarity | Factor | Loss | | Factor | | | | |
| | (MHz) | | (dB/m) | (dB) | (dBuV) | (dB) | (dBuV/m) | (dBuV/m) | (dB) | Mode |
| Bluetooth | 2402.000 | Н | 28.23 | 1.73 | 64.65 | 0.00 | - | 94.61 | - | Peak |
| | 2402.000 | V | 28.23 | 1.73 | 65.82 | 0.00 | - | 95.78 | - | AV |
| | 4804.000 | V/H | - | - | - | - | - | - | - | AV/Peak |
| | 7206.000 | V/H | - | - | - | - | - | - | - | AV/Peak |
| | 9608.000 | V/H | - | - | - | - | - | - | - | AV/Peak |
| | 12010.000 | V/H | - | - | - | - | - | - | - | AV/Peak |
| | 14412.000 | V/H | - | - | - | _ | - | - | - | AV/Peak |
| | 16814.000 | V/H | - | - | - | _ | - | - | - | AV/Peak |
| | 19216.000 | V/H | - | - | - | - | - | - | - | AV/Peak |
| | 21618.000 | V/H | - | - | - | _ | - | - | - | AV/Peak |
| | 24020.000 | V/H | - | - | - | _ | - | - | - | AV/Peak |
| WLAN | 2413.400 | Н | 28.25 | 1.74 | 71.98 | 0.00 | - | 101.97 | - | Peak |
| | 2413.200 | V | 28.25 | 1.74 | 74.89 | 0.00 | - | 104.88 | - | AV |
| | 4824.000 | V/H | - | - | - | - | - | - | - | AV/Peak |
| | 7236.000 | V/H | - | - | - | - | - | - | - | AV/Peak |
| | 9648.000 | V/H | - | - | - | - | - | - | - | AV/Peak |
| | 12060.000 | V/H | - | - | - | - | - | - | - | AV/Peak |
| | 14472.000 | V/H | - | - | - | - | - | - | - | AV/Peak |
| | 16884.000 | V/H | - | - | - | - | - | - | - | AV/Peak |
| | 19296.000 | V/H | - | - | - | - | - | - | - | AV/Peak |
| | 21708.000 | V/H | - | - | - | - | - | - | - | AV/Peak |
| | 24120.000 | V/H | - | - | - | - | - | - | - | AV/Peak |

Remark:

The emission emitted by the EUT is too low to be measured except the emission listed above,

Test Engineer :

SPORTON International Inc.

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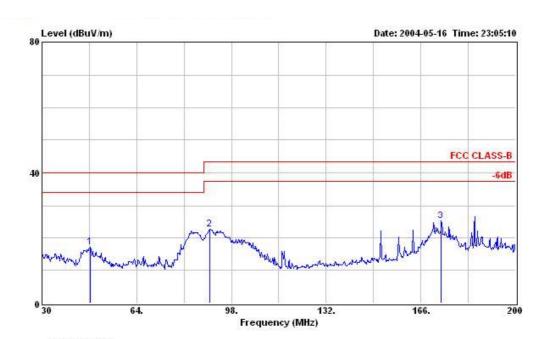
7.4.2 Test Mode: Mode 2 TX- BT CH39 (2441 MHz), WLAN CH06 (2437 MHz)

Test Distance : 3 mTemperature : 26 °CRelative Humidity :53 %

Emission level (dBuV/m) = 20 log Emission level (uV/m)

Corrected Reading: Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

■ The test that passed at minimum margin was marked by the frame in the following table.



Site : 03CH03-HY

Condition: FCC CLASS-B 3m BIC-9124--301 HORIZONTAL

EUT

Power : 120V/60Hz

Model

Memo BT TX CH39 2441MHz : WLAN TX CH06 2437MHz

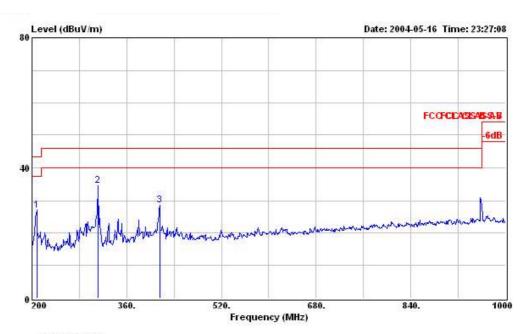
: Cradle +USB

| | Freq | Level | | Limit Line | | | | | Remark | Ant Pos | Table Pos |
|---|---------|--------|--------|---------------|-------|-------|------|-------|--------|------------|--------------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | dB | | CM | deg |
| 1 | 47.340 | 17.13 | -22.87 | 40.00 | 33.67 | 10.30 | 1.16 | 28.00 | Peak | 95559 | |
| 2 | 90.350 | 22.61 | -20.89 | 43.50 | 39.61 | 9.30 | 1.62 | 27.92 | Peak | | |
| 3 | 173.310 | 25.12 | -18.38 | 43.50 | 37.13 | 13.36 | 2.38 | 27.75 | Peak | | 0444 |

 SPORTON International Inc.
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 : May 25, 2004



Site : 03CH03-HY

Condition: FCC CLASS-B 3m LOG-9111-221 HORIZONTAL

EUT

Power : 120V/60Hz

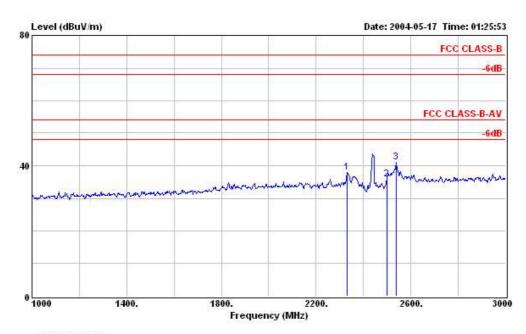
Model

Memo BT TX CH39 2441MHz : WLAN TX CH06 2437MHz

: Cradle +USB

| | | Level | Over Limit | Limit Line | | Probe Factor | | | | Ant Pos | Table Pos |
|---|---------|--------|---------------|---------------|-------|-----------------|------|-------|------|------------|--------------|
| | | dBuV/m | dB | dBuV/m | dBuV | dB | dB | dB | | CM | deg |
| 1 | 208.000 | 26.93 | -16.57 | 43.50 | 37.10 | 14.91 | 2.59 | 27.67 | Peak | | 0.7770 |
| 2 | 311.200 | 34.64 | -11.36 | 46.00 | 45.00 | 13.86 | 3.14 | 27.36 | Peak | | |
| 3 | 416.000 | 28.59 | -17.41 | 46.00 | 36.93 | 16.05 | 3.55 | 27.94 | Peak | | |

: NM8BALI FCC ID TEL: 886-2-2696-2468 Page No. : 74 of 132 FAX: 886-2-2696-2255 Issued Date : May 25, 2004



Site : 03CH03-HY

Condition: FCC CLASS-B 3m HORN-ANT-6741 HORIZONTAL

EUT

Power : 120V/60Hz

Model

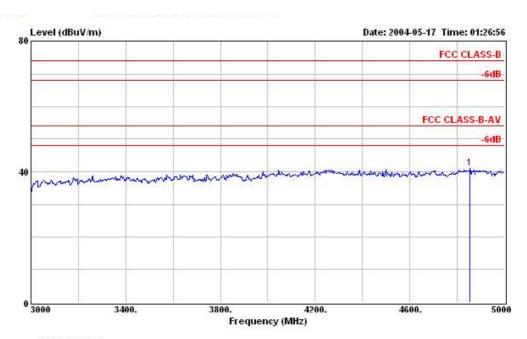
Memo : BT TX CH39 2441MHz

: WLAN TX CH06 2437MHz

: Cradle +USB

| | Freq | Level | Over Limit | | | Probe Factor | | | | Ant Pos | Table Pos |
|---|----------|--------|---------------|--------|-------|-----------------|------|-------|-----------------|------------|--------------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | dB | () | CM | deg |
| 1 | 2332.000 | 38.02 | -35.98 | 74.00 | 49.34 | 28.08 | 1.71 | 41.11 | Peak | 00000 | (57.7.7.1) |
| 2 | 2498.000 | 35.82 | -38.18 | 74.00 | 46.74 | 28.43 | 1.85 | 41.20 | Peak | | |
| 3 | 2540.000 | 41.06 | -32.94 | 74.00 | 51.82 | 28.56 | 1.88 | 41.20 | Peak | | 0222 |

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Site : 03CH03-HY

Condition: FCC CLASS-B 3m HORN-ANT-6741 HORIZONTAL

EUT

Power : 120V/60Hz

Model

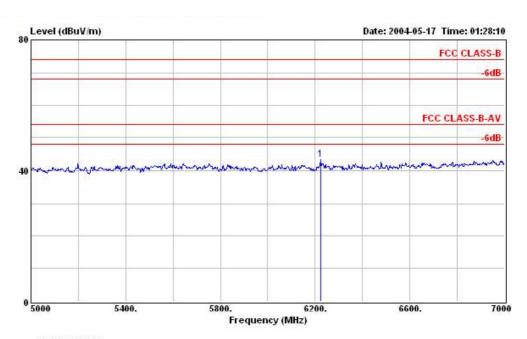
BT TX CH39 2441MHz Memo

: WLAN TX CH06 2437MHz

: Cradle +USB

| | Freq | Level | | Limit Line | | | | | Remark | Ant Pos | Table Pos |
|---|----------|--------|--------|---------------|-------|-------|------|-------|-----------------|------------|--------------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | dB | S S | CM | deg |
| 1 | 4854.000 | 40.93 | -33.07 | 74.00 | 47.67 | 33.13 | 2.54 | 42.41 | Peak | | |

: NM8BALI FCC ID TEL: 886-2-2696-2468 : 76 of 132 Page No. FAX: 886-2-2696-2255 Issued Date : May 25, 2004



Site : 03CH03-HY

Condition: FCC CLASS-B 3m HORN-ANT-6741 HORIZONTAL

EUT

Power : 120V/60Hz

Model

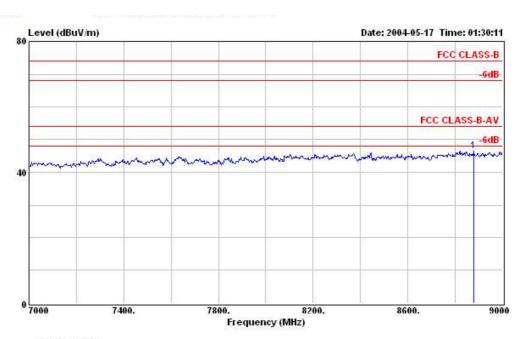
BT TX CH39 2441MHz Memo

: WLAN TX CH06 2437MHz

: Cradle +USB

| | \$ 6 | | 0ver | Limit | Read | Probe | Cable | Preamp | | Ant | Table |
|---|------------------|-------|----------|--------|-------|--------|-------|--------|--------|------|-------|
| | | Leve | l Limit | Line | Level | Factor | Loss | Factor | Remark | Pos | Pos |
| | | dBuV/ | n dB | dBuV/m | dBuV | dB | dB | dB | S | - cm | deg |
| 1 | 6222 000 | 43.2 | 3 -30 72 | 74 00 | 49 47 | 24 25 | 2 06 | 42 20 | Dook | | |

: NM8BALI FCC ID TEL: 886-2-2696-2468 Page No. : 77 of 132 FAX: 886-2-2696-2255 Issued Date : May 25, 2004



Site : 03CH03-HY

Condition: FCC CLASS-B 3m HORN-ANT-6741 HORIZONTAL

EUT

Power : 120V/60Hz

Model

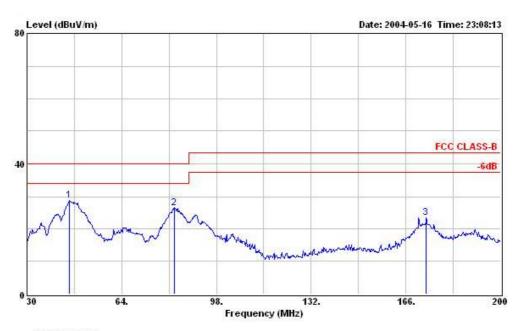
Memo : BT TX CH39 2441MHz

: WLAN TX CH06 2437MHz

: Cradle +USB

| | Freq | Leve. | | Limit Line | | | | | | Ant Pos | Table Pos |
|---|----------|--------|----------|---------------|-------|-------|------|-------|-------------|------------|--------------|
| | | dBuV/ı | a dB | dBuV/m | dBuV | dB | dB | dB | 61 <u> </u> | - cm | deg |
| 1 | 9979 000 | 46 5 | 5 -27 45 | 74 00 | 16 21 | 20 05 | 2 21 | 41 05 | Dools | | |

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Site : 03CH03-HY

Condition: FCC CLASS-B 3m BIC-9124--301 VERTICAL

EUT

Power : 120V/60Hz

Model

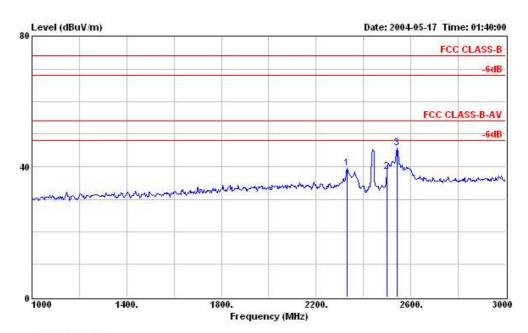
Memo BT TX CH39 2441MHz

: WLAN TX CH06 2437MHz

: Cradle +USB

| | Freq | Level | Over Limit | | | Probe Factor | | | | Ant Pos | Table Pos |
|---|---------|--------|---------------|--------|-------|-----------------|------|-------|------|------------|--------------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | - dB | S | CM. | deg |
| 1 | 45.300 | 28.85 | -11.15 | 40.00 | 45.12 | 10.59 | 1.15 | 28.01 | Peak | 0.000 | 27000 |
| 2 | 82.870 | 26.59 | -13.41 | 40.00 | 43.28 | 9.68 | 1.56 | 27.93 | Peak | | |
| 3 | 173.310 | 23.38 | -20.12 | 43.50 | 35.39 | 13.36 | 2.38 | 27.75 | Peak | | 00000 |

: NM8BALI FCC ID TEL: 886-2-2696-2468 Page No. : 79 of 132 FAX: 886-2-2696-2255 Issued Date : May 25, 2004



Site : 03CH03-HY

Condition: FCC CLASS-B 3m HORN-ANT-6741 VERTICAL

EUT

: 120V/60Hz

Power Model

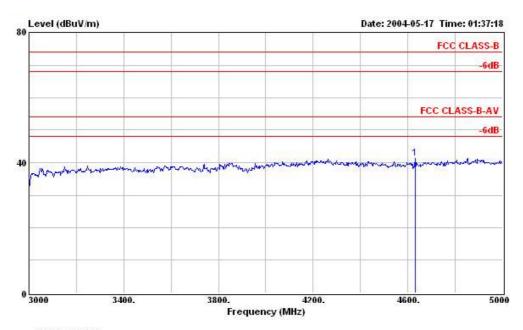
BT TX CH39 2441MHz Memo

: WLAN TX CH06 2437MHz

: Cradle +USB

| | Freq | Level | Over Limit | | | Probe Factor | | | Remark | Ant Pos | Table Pos |
|---|----------|--------|---------------|--------|-------|-----------------|------|-------|--------|------------|--------------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | dB | S | cm | deg |
| 1 | 2332.000 | 39.50 | -34.50 | 74.00 | 50.82 | 28.08 | 1.71 | 41.11 | Peak | 95559 | (27070) |
| 2 | 2500.000 | 38.39 | -35.61 | 74.00 | 49.30 | 28.44 | 1.85 | 41.20 | Peak | | |
| 3 | 2542.000 | 45.74 | -28.26 | 74.00 | 56.49 | 28.57 | 1.88 | 41.20 | Peak | | |

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: 03CH03-HY

Condition: FCC CLASS-B 3m HORN-ANT-6741 VERTICAL

EUT

Power : 120V/60Hz

Model

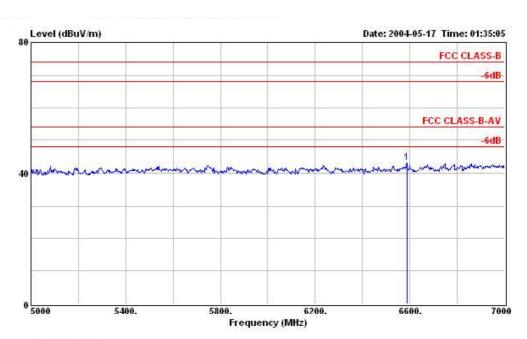
BT TX CH39 2441MHz Memo

: WLAN TX CH06 2437MHz

: Cradle +USB

| | Fr | Freq Level | | Limit Line | | | | | | | Ant Pos | Table Pos | | | | | | | |
|---|--------|------------|----------|---------------|-----------|----|----------|----|----|---------|------------|--------------|-----|----|----|----|-------|--|--|
| | MHz | | z dBuV/m | | dBuV/m di | | dBuV/m d | | dI | dBuV dB | | dB | | dB | | cm | deg | | |
| 1 | 4620 O | 00 | 4.1 | 22 | -22 | 60 | 74 | 00 | 40 | 25 | 22 | 60 | 2 2 | | 12 | 10 | Dools | | |

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Site :03CH03-HY

Condition: FCC CLASS-B 3m HORN-ANT-6741 VERTICAL

EUT

Power : 120V/60Hz

Model

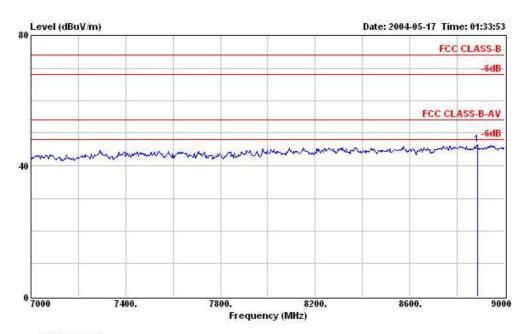
Memo : BT TX CH39 2441MHz

: WLAN TX CH06 2437MHz

: Cradle +USB

| | Freq | Level | | | | Probe Factor | | | | Ant Pos | Table Pos |
|---|----------|--------|--------|--------|-------|-----------------|------|-------|---------------|------------|--------------|
| | MHz | dBuV/m | | dBuV/m | dBuV | dB | dB | dB | (| cm | deg |
| 1 | 6588 000 | 43 10 | -30 90 | 74 00 | 48 70 | 34 48 | 3 16 | 43 24 | Deak | | |

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Site : 03CH03-HY

Condition: FCC CLASS-B 3m HORN-ANT-6741 VERTICAL

EUT

Power : 120V/60Hz

Model

: BT TX CH39 2441MHz Memo

: WLAN TX CH06 2437MHz

: Cradle +USB

| | Freq | Level | Uver Limit | Line | | Factor | | | | Ant Pos | Table Pos |
|---|----------|--------|---------------|--------|-------|--------|------|-------|---------------|------------|--------------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV | dB | dB | dB | (| cm | deg |
| 1 | 8884.000 | 46.57 | -27.43 | 74.00 | 46.28 | 38.05 | 3.29 | 41.05 | Peak | | |

Mark:

Frequency from 9000MHz to 25000MHz, the emission emitted by the EUT is too low to be measured.

SPORTON International Inc.

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