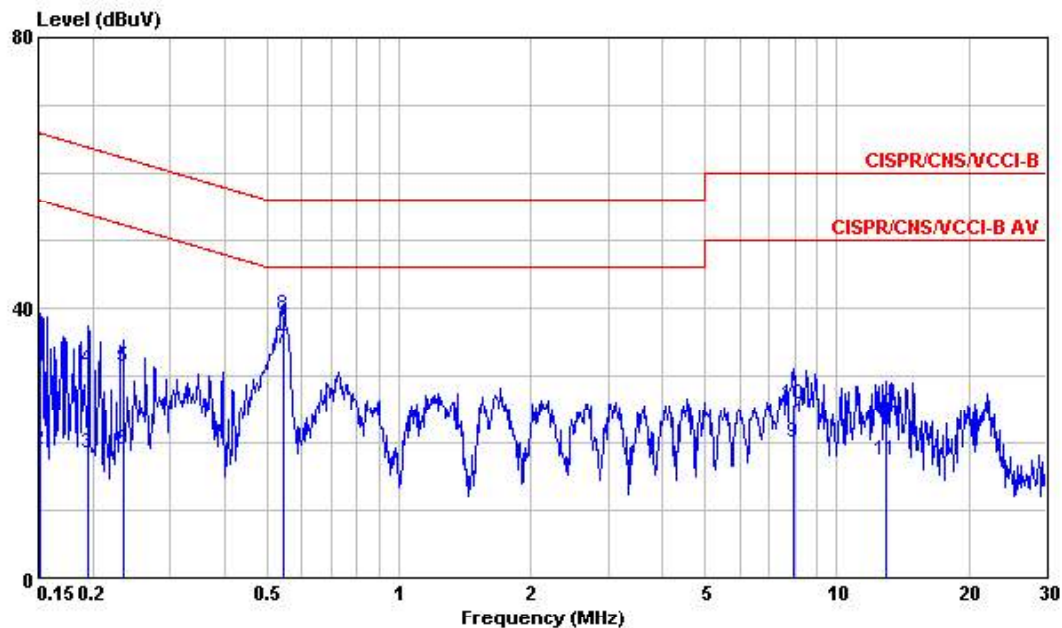


## 6.3.4 Frequency Range of Test : 150kHz to 30 MHz

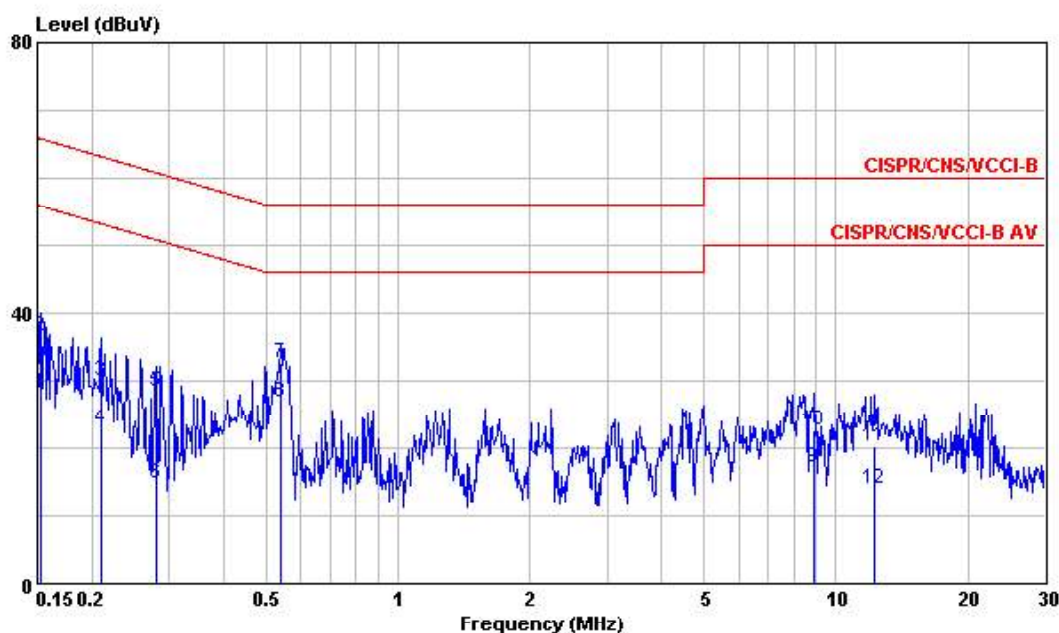
- Test Mode : Mode 4 USB Mode
- Temperature : 26°C
- Relative Humidity : 53 %

■ 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 :  
 MEMO : USB Mode

	Freq	Level	Over	Limit	Read	LISN	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Factor	Loss
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	dB
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 QP
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	0.20	0.10	0.10 Average
10	7.980	25.78	-34.22	60.00	25.58	0.20	0.10	0.10 QP
11	12.920	17.45	-32.55	50.00	17.15	0.30	0.16	0.14 Average
12	12.920	24.57	-35.43	60.00	24.27	0.30	0.16	0.14 QP



Site : site  
 Condition : CISPR/CNS/VCCI-B 2003 2001/004 NEUTRAL  
 EUT : PDA  
 POWER : 120V/60Hz  
 MODEL :  
 MEMO : USB Mode

	Freq	Level	Over	Limit	Read	LISM	Cable	
	MHz	dBuV	Limit	Line	Level	Factor	Loss	Remark
	MHz	dBuV	dB	dBuV	dBuV	dB	dB	
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 QP
3	0.2094380	30.04	-33.19	63.23	29.93	0.11	0.10	0.01 QP
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 QP
6	0.2802930	14.63	-36.18	50.81	14.52	0.11	0.10	0.01 Average
7	0.5378230	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	0.19	0.10 QP
11	12.250	20.32	-39.68	60.00	19.99	0.33	0.20	0.13 QP
12	12.250	14.05	-35.95	50.00	13.72	0.33	0.20	0.13 Average

Test Engineer :   
 Jay

## **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

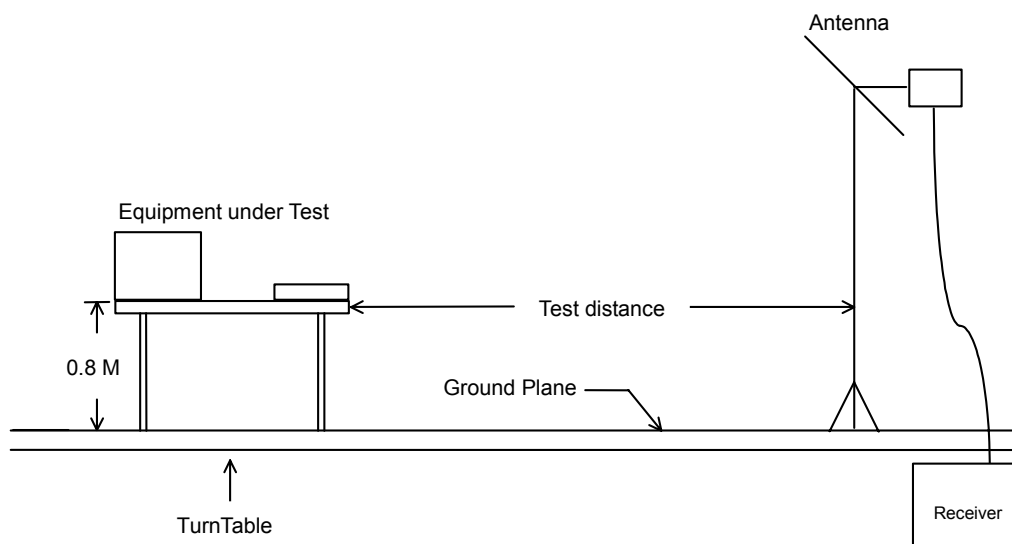
### **7.1 Major Measuring Instruments**

- Amplifier (MITEQ AFS44 )
  - RF Gain 40 dB
  - Signal Input 100 MHz to 26.5 GHz
  
- Amplifier (HP8447D)
  - 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
  - Signal Input 9 kHz to 40 GHz
  
- Spectrum analyzer ( R&S FSP40 )
  - Attenuation 10 dB
  - Start Frequency 30MHz
  - Stop Frequency 1 GHz
  - Resolution Bandwidth 120 KHz
  - Video Bandwidth 300KHz
  - Signal Input 9 kHz to 40 GHz

## 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

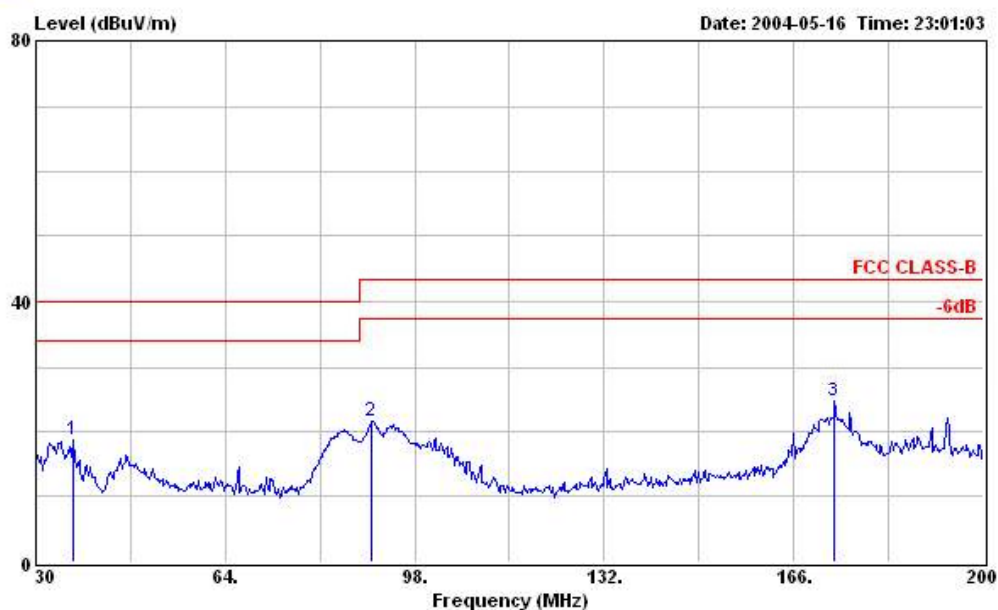


## 7.4 Test Result of Radiated Emission

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

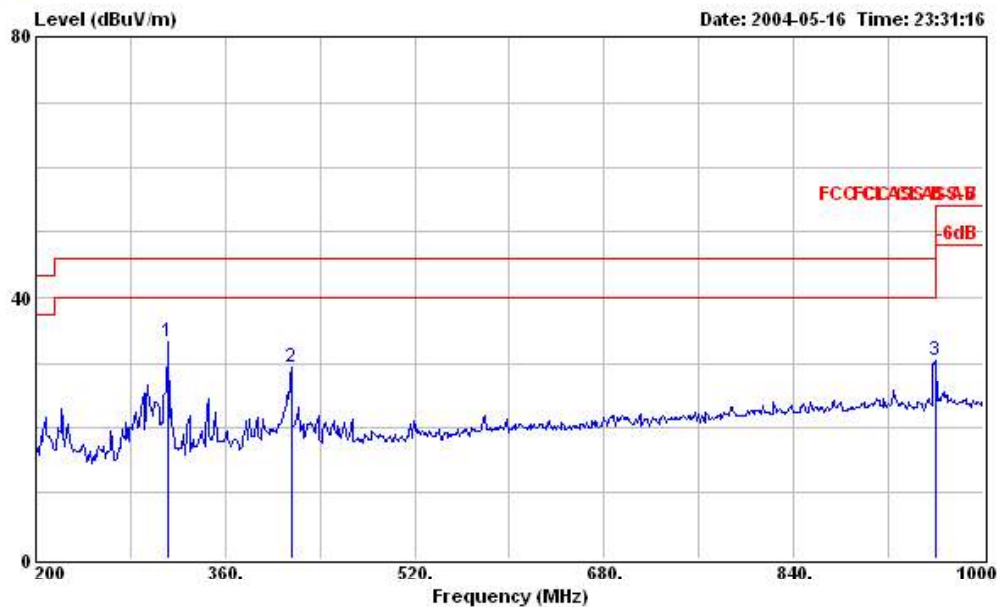
- Test Distance : 3 m
- Temperature : 26 °C
- Relative Humidity :53 %
- Emission level (dBuV/m) = 20 log Emission level (uV/m)
- Corrected Reading : Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

■ 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	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	36.630	18.73	-21.27	40.00	33.17	12.56	1.03	28.03	Peak	---	---
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	---	---

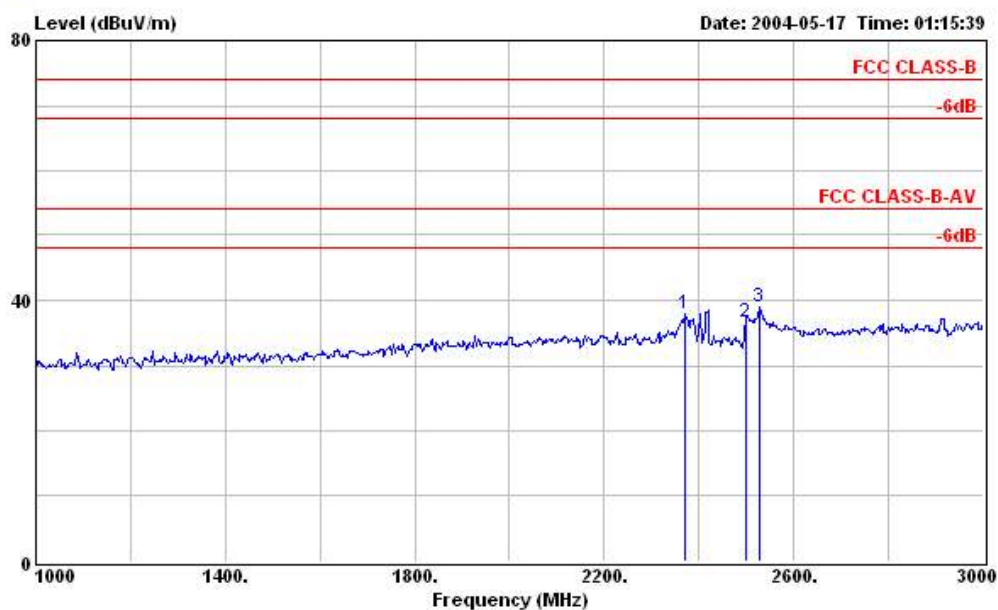


Site : 03CH03-HY  
 Condition : FCC CLASS-B 3m LOG-9111-221 HORIZONTAL  
 EUT  
 Power : 120V/60Hz  
 Model  
 Memo : BT TX CH00 2402MHz  
 : WLAN TX CH01 2412MHz  
 : Cradle +USB

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	311.200	33.35	-12.65	46.00	43.71	13.86	3.14	27.36	Peak	---	---
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	---	---

# FCC TEST REPORT

Report No. :F451503

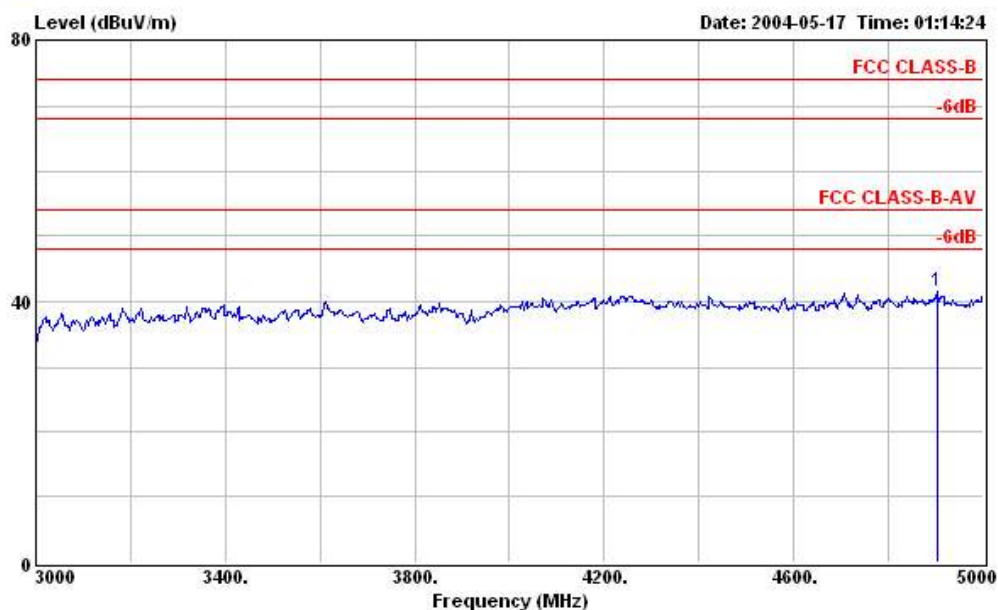


Site : 03CH03-HY  
 Condition : FCC CLASS-B 3m HORN-ANT-6741 HORIZONTAL  
 EUT  
 Power : 120V/60Hz  
 Model  
 Memo : BT TX CH00 2402MHz  
 : WLAN TX CH01 2412MHz  
 : Cradle +USB

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	2372.000	37.87	-36.13	74.00	49.14	28.16	1.70	41.13	Peak	---	---
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	---	---

# FCC TEST REPORT

Report No. :F451503



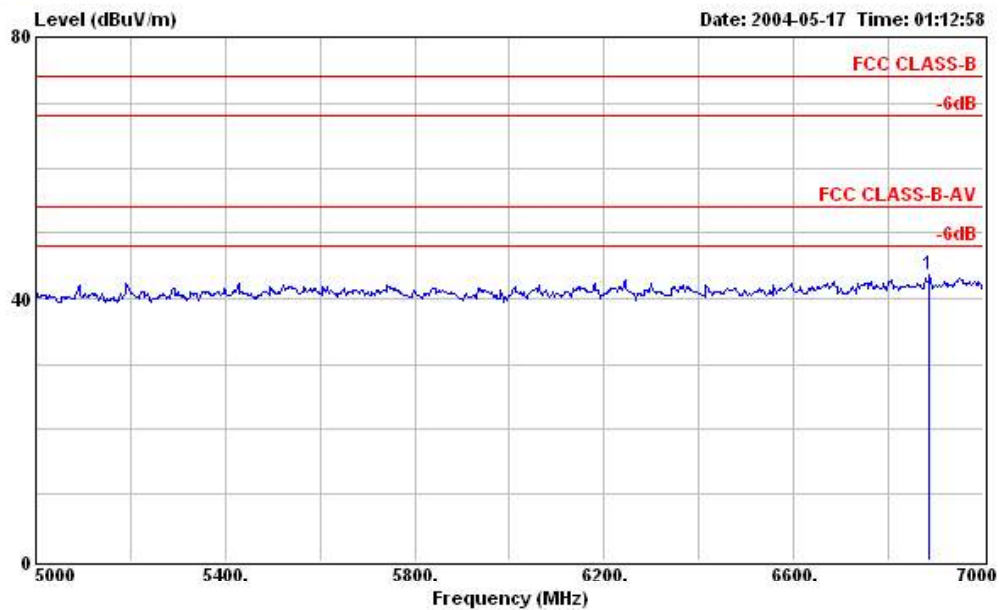
Site : 03CH03-HY  
 Condition : FCC CLASS-B 3m HORN-ANT-6741 HORIZONTAL  
 EUT  
 Power : 120V/60Hz  
 Model  
 Memo : BT TX CH00 2402MHz  
 : WLAN TX CH01 2412MHz  
 : Cradle +USB

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	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	---	---



# FCC TEST REPORT

Report No. :F451503

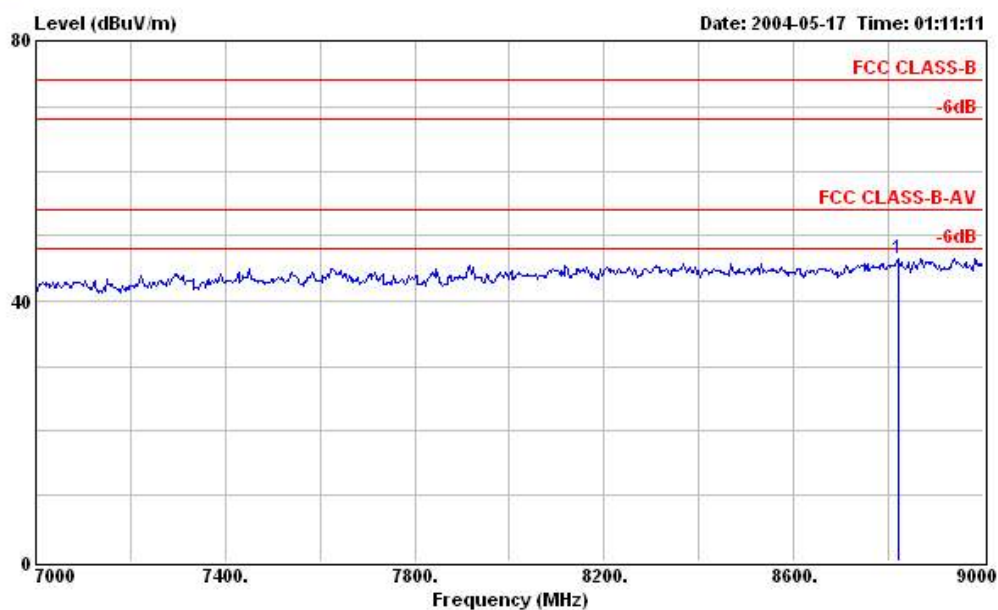


Site : 03CH03-HY  
 Condition : FCC CLASS-B 3m HORN-ANT-6741 HORIZONTAL  
 EUT :  
 Power : 120V/60Hz  
 Model :  
 Memo : BT TX CH00 2402MHz  
 : WLAN TX CH01 2412MHz  
 : Cradle +USB

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamplifier Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	6886.000	43.68	-30.32	74.00	48.60	35.08	3.06	43.06	Peak	---	---

# FCC TEST REPORT

Report No. :F451503

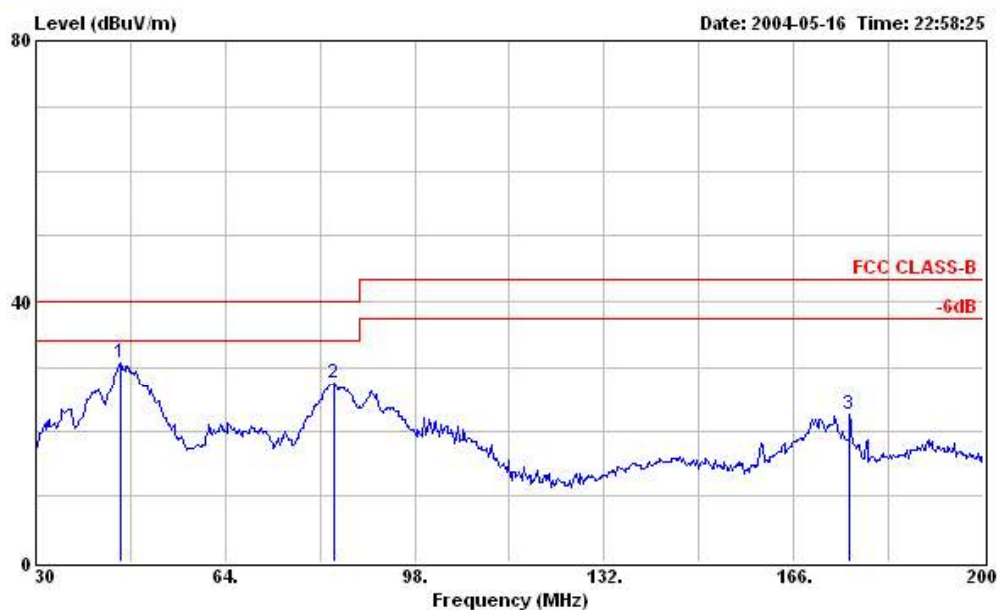


Site : 03CH03-HY  
 Condition : FCC CLASS-B 3m HORN-ANT-6741 HORIZONTAL  
 EUT  
 Power : 120V/60Hz  
 Model  
 Memo : BT TX CH00 2402MHz  
 : WLAN TX CH01 2412MHz  
 : Cradle +USB

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	8820.000	46.60	-27.40	74.00	46.30	38.03	3.41	41.14	Peak	---	---

# FCC TEST REPORT

Report No. :F451503

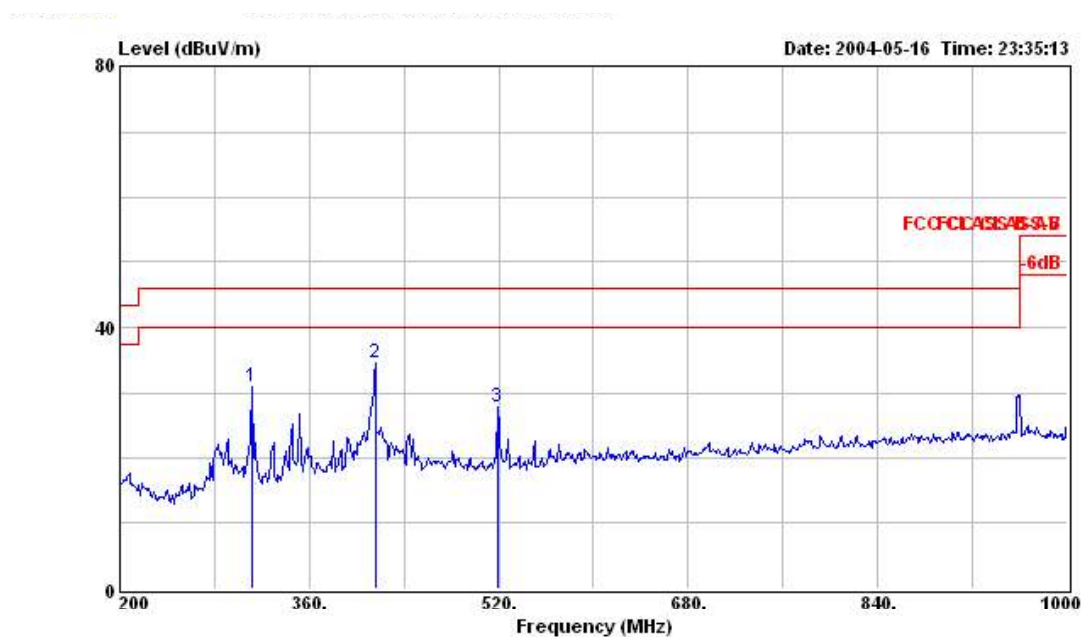


Site : 03CH03-HY  
 Condition : FCC CLASS-B 3m BIC-9124--301 VERTICAL  
 EUT  
 Power : 120V/60Hz  
 Model  
 Memo : BT TX CH00 2402MHz  
 : WLAN TX CH01 2412MHz  
 : Cradle +USB

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamplifier Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	45.300	30.76	-9.24	40.00	47.03	10.59	1.15	28.01	Peak	---	---
2	83.550	27.52	-12.48	40.00	44.20	9.69	1.56	27.93	Peak	---	---
3	176.030	22.64	-20.86	43.50	34.56	13.44	2.39	27.75	Peak	---	---

# FCC TEST REPORT

Report No. :F451503

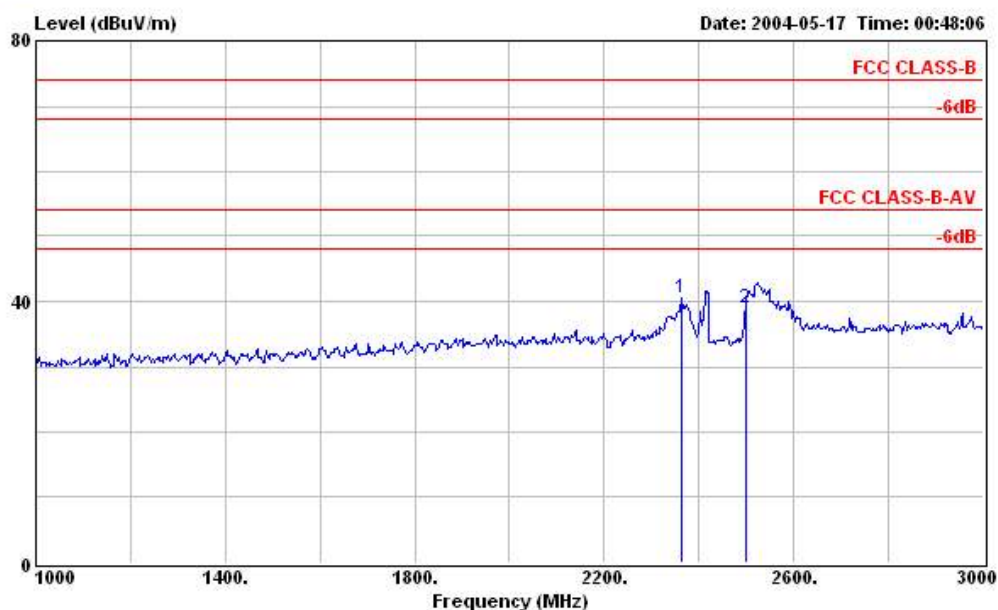


Site : 03CH03-HY  
 Condition : FCC CLASS-B 3m LOG-9111-221 VERTICAL  
 EUT :  
 Power : 120V/60Hz  
 Model :  
 Memo : BT TX CH00 2402MHz  
 : WLAN TX CH01 2412MHz  
 : Cradle +USB

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	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	---	---
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	---	---

# FCC TEST REPORT

Report No. :F451503



Site : 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

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

**SPORTON International Inc.**

TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

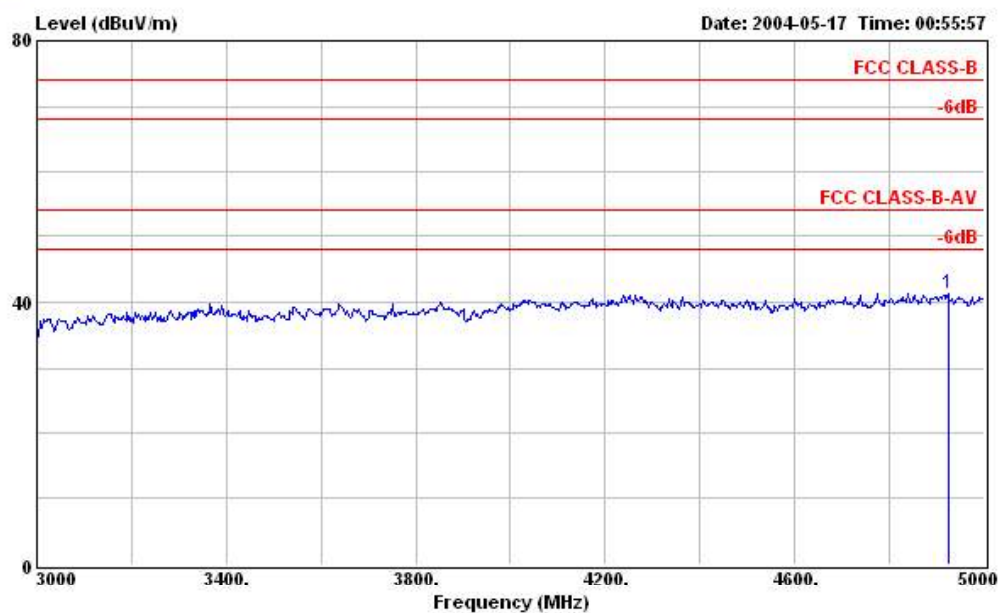
FCC ID : NM8BALI

Page No. : 64 of 132

Issued Date : May 25, 2004

# FCC TEST REPORT

Report No. :F451503

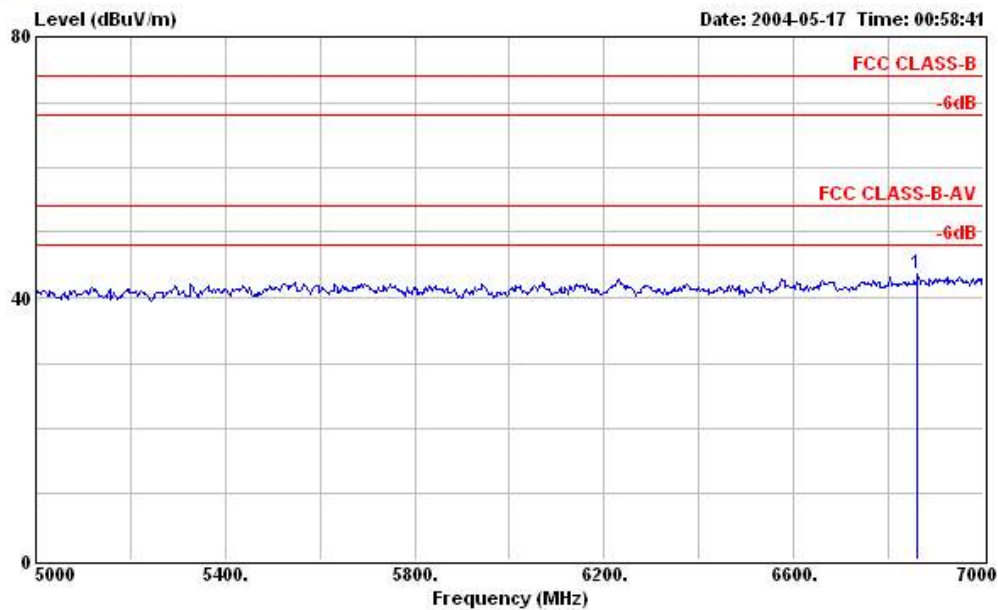


Site : 03CH03-HY  
 Condition : FCC CLASS-B 3m HORN-ANT-6741 VERTICAL  
 EUT :  
 Power : 120V/60Hz  
 Model :  
 Memo : BT TX CH00 2402MHz  
 : WLAN TX CH01 2412MHz  
 : Cradle +USB

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

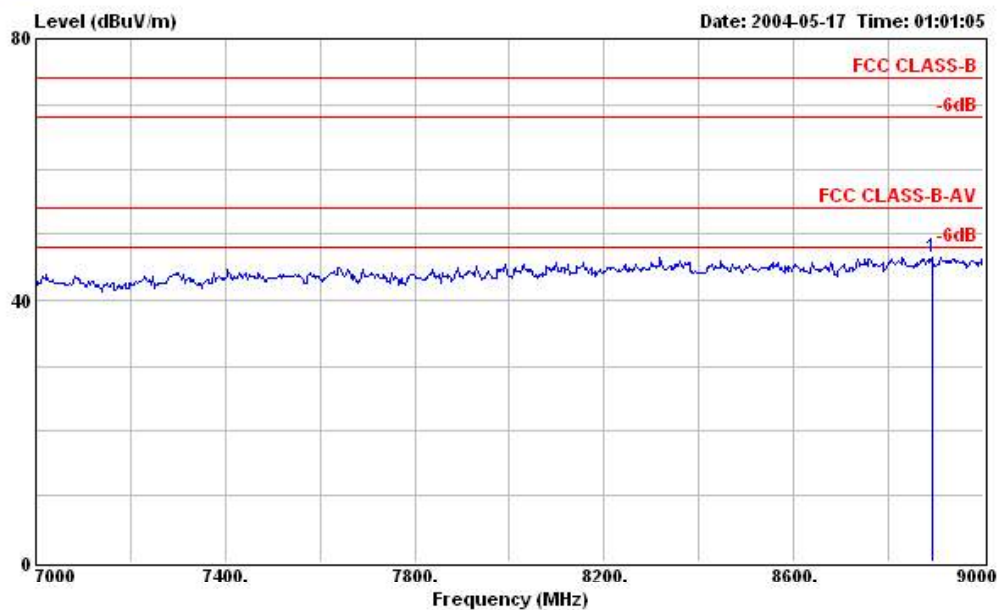
# FCC TEST REPORT

Report No. :F451503



Site : 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

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	6862.000	43.74	-30.26	74.00	48.81	35.03	2.98	43.08	Peak	---	---



Site : 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

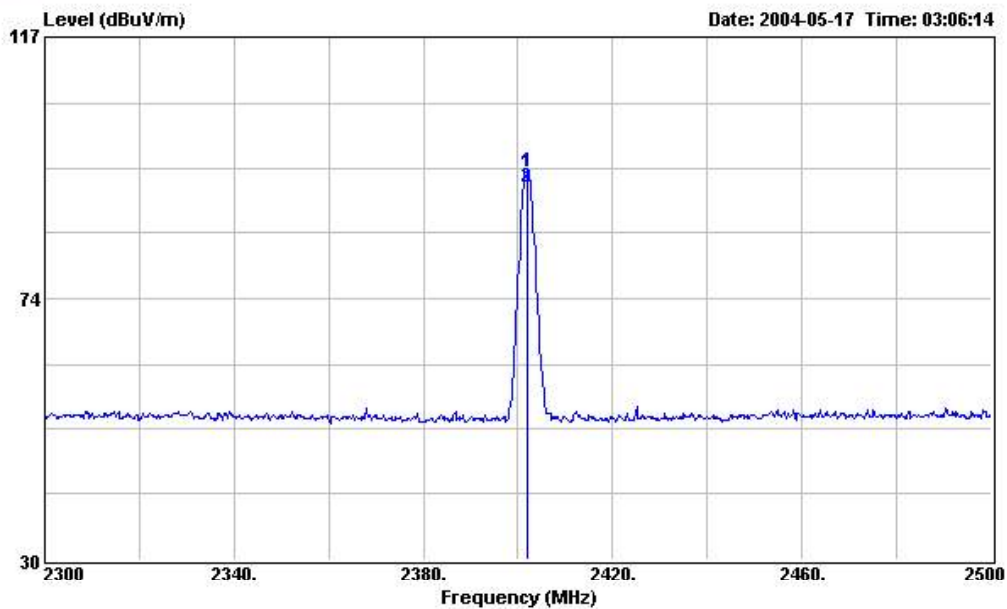
	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	8892.000	46.52	-27.48	74.00	46.23	38.06	3.26	41.03	Peak	---	---

Mark:

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

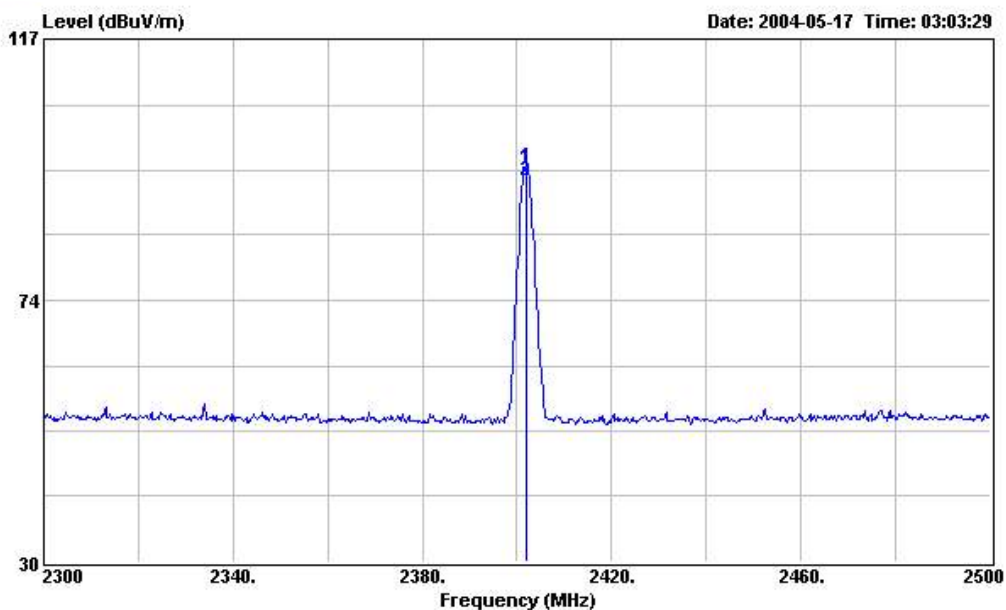


BT TX CH00 2402MHz



Site : 03CH03-HY  
 Condition : 3m HORN-ANT-6741 HORIZONTAL  
 EUT :  
 Power : 120V/60Hz  
 Model :  
 Memo : BT TX CH00 2402MHz

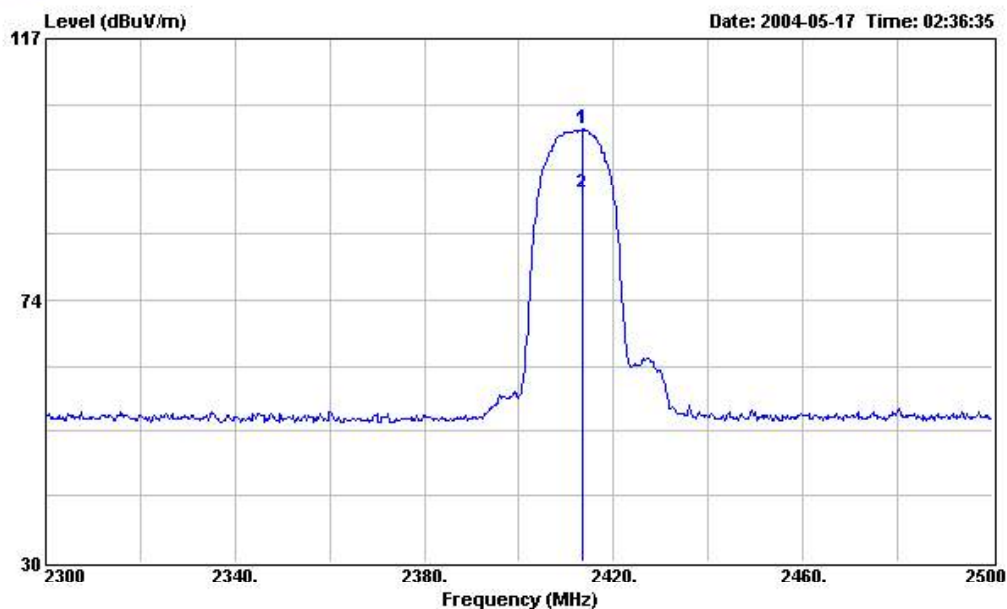
	Freq	Level	Over	Limit	Read	Probe	Cable	Preamp		Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	2402.000	94.61	-----	-----	64.65	28.23	1.73	0.00	Peak	---	---
2	2402.000	92.25	-----	-----	62.29	28.23	1.73	0.00	Average	---	---



Site : 03CH03-HY  
 Condition : 3m HORN-ANT-6741 VERTICAL  
 EUT :  
 Power : 120V/60Hz  
 Model :  
 Memo : BT TX CH00 2402MHz

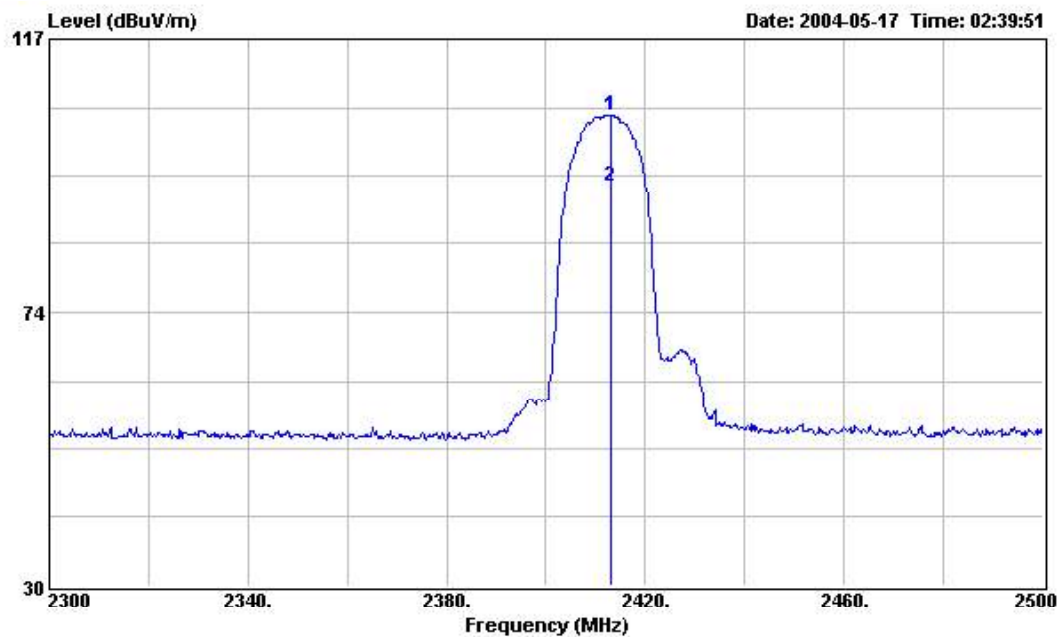
	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	2402.000	95.78	-----	-----	65.82	28.23	1.73	0.00	Peak	---	---
2	2402.000	93.58	-----	-----	63.62	28.23	1.73	0.00	Average	---	---

WLAN TX CH01 2412MHz



Site : 03CH03-HY  
 Condition : 3m HORN-ANT-6741 HORIZONTAL  
 EUT :  
 Power : 120V/60Hz  
 Model :  
 Memo : WLAN TX CH01 2412MHz

	Freq	Level	Over	Limit	Read	Probe	Cable	Preamp		Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos
			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	---	---



Site : 03CH03-HY  
 Condition : 3m HORN-ANT-6741 VERTICAL  
 EUT  
 Power : 120V/60Hz  
 Model  
 Memo : WLAN TX CH01 2412MHz

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	2413.200	104.88	-----	-----	74.89	28.25	1.74	0.00	Peak	---	---
2	2413.200	93.65	-----	-----	63.66	28.25	1.74	0.00	Average	---	---

**FCC TEST REPORT**


Report No. :F451503

## ■ 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	H	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	H	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:

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

Test Engineer : 

Jay

**SPORTON International Inc.**

TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

FCC ID : NM8BALI

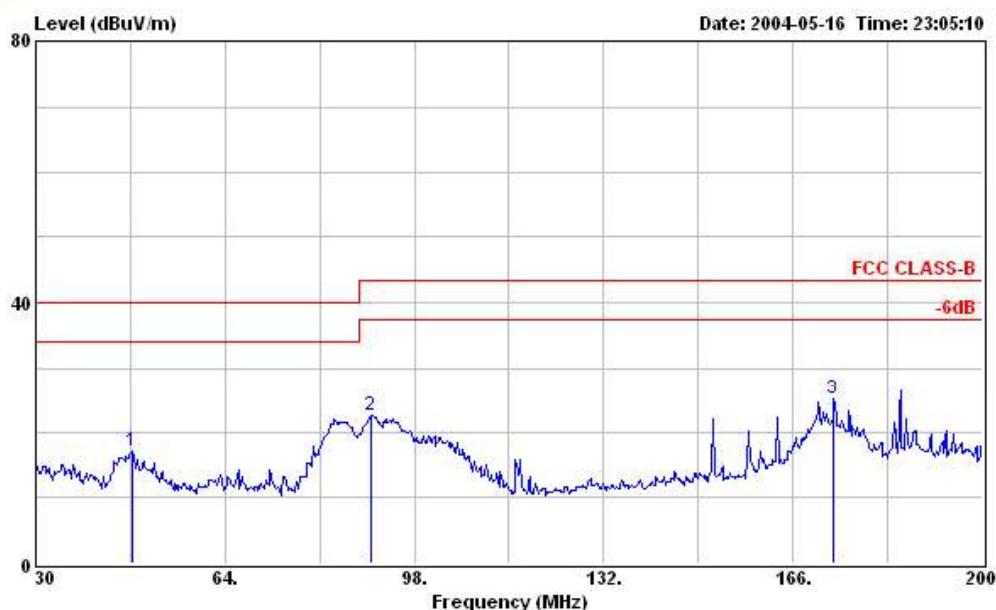
Page No. : 72 of 132

Issued Date : May 25, 2004

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

- Test Distance : 3 m
- Temperature : 26 °C
- Relative 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.

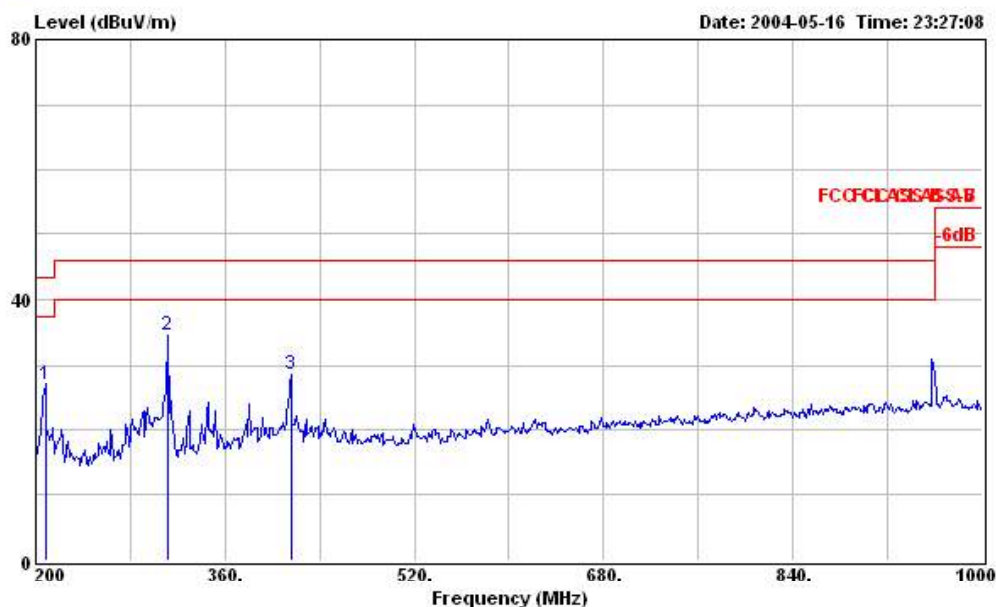


Site : 03CH03-HY  
 Condition : FCC CLASS-B 3m BIC-9124--301 HORIZONTAL  
 EUT  
 Power : 120V/60Hz  
 Model  
 Memo : BT TX CH39 2441MHz  
       : WLAN TX CH06 2437MHz  
       : Cradle +USB

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	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	---	---
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	---	---

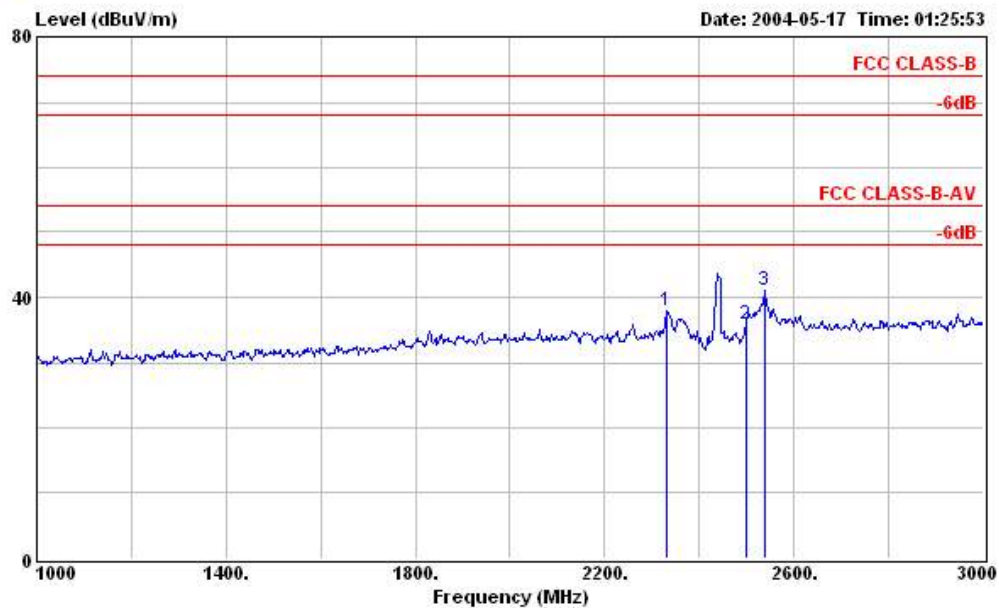
# FCC TEST REPORT

Report No. :F451503



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

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	Ant Pos	Table Pos
	MHz	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	---	---
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	---	---



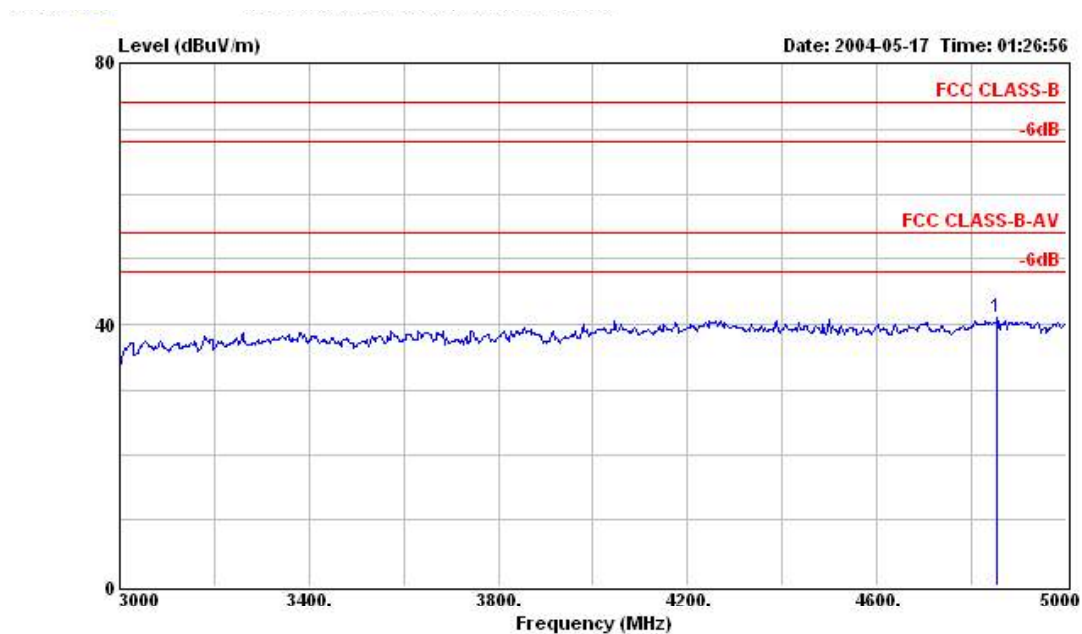
Site : 03CH03-HY  
 Condition : FCC CLASS-B 3m HORN-ANT-6741 HORIZONTAL  
 EUT :  
 Power : 120V/60Hz  
 Model :  
 Memo : BT TX CH39 2441MHz  
       : WLAN TX CH06 2437MHz  
       : Cradle +USB

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamp Factor	Remark	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	---	---
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	---	---



# FCC TEST REPORT

Report No. :F451503



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	Read	Probe	Cable	Preamp		Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	4854.000	40.93	-33.07	74.00	47.67	33.13	2.54	42.41	Peak	---	---

**SPORTON International Inc.**

TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

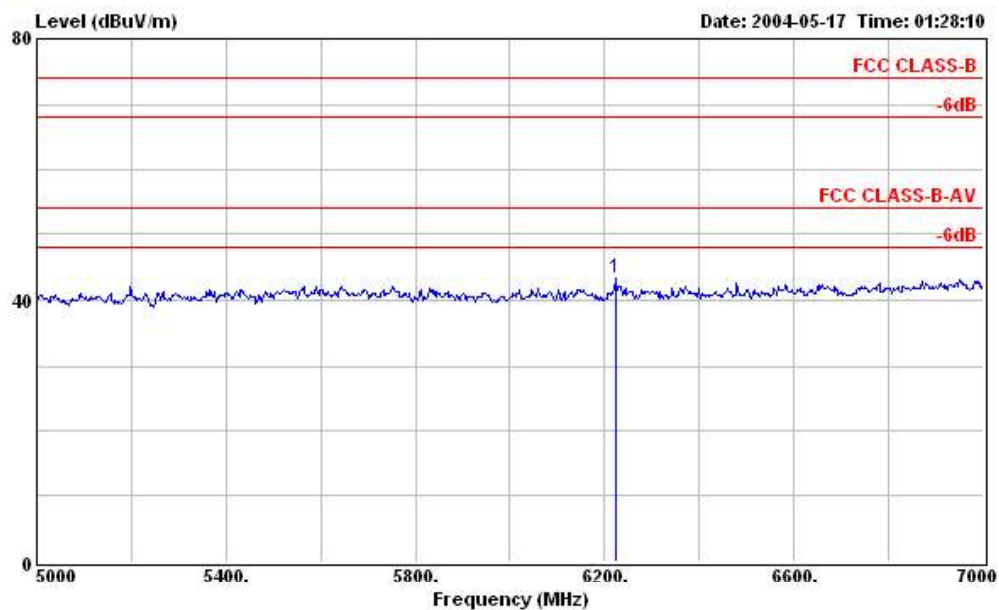
FCC ID : NM8BALI

Page No. : 76 of 132

Issued Date : May 25, 2004

# FCC TEST REPORT

Report No. :F451503

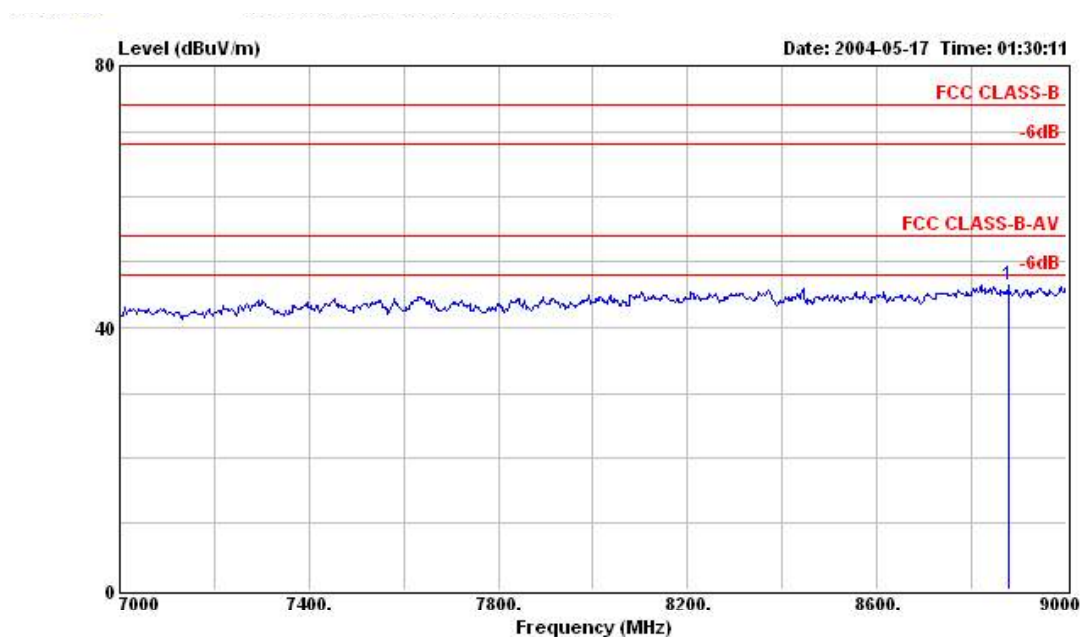


Site : 03CH03-HY  
 Condition : FCC CLASS-B 3m HORN-ANT-6741 HORIZONTAL  
 EUT  
 Power : 120V/60Hz  
 Model  
 Memo : BT TX CH39 2441MHz  
 : WLAN TX CH06 2437MHz  
 : Cradle +USB

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamplifier Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	6222.000	43.28	-30.72	74.00	49.47	34.25	2.86	43.30	Peak	---	---

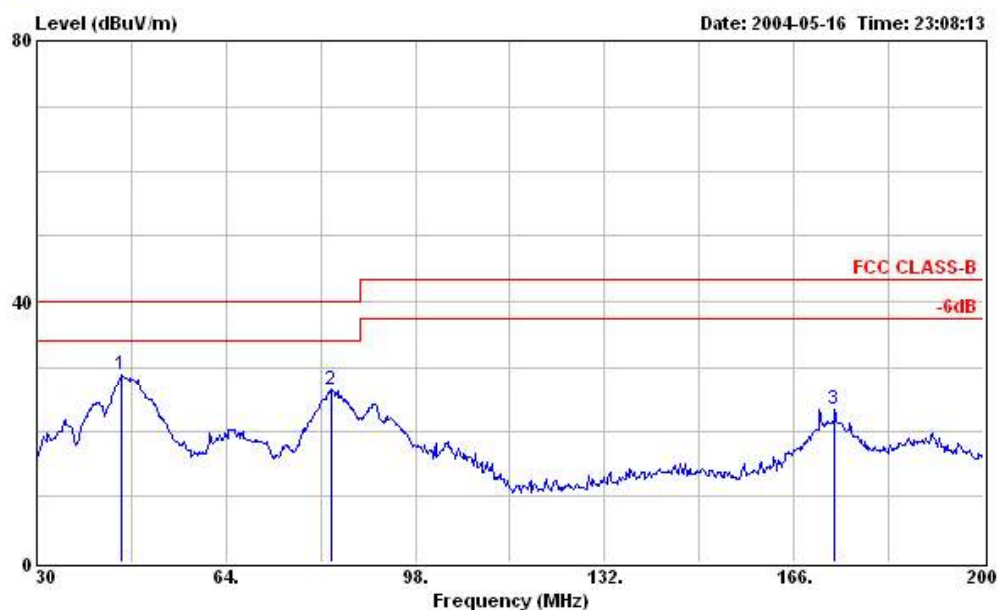
# FCC TEST REPORT

Report No. :F451503



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	Limit Line	Read Level	Probe Factor	Cable Loss	Preamplifier	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	8878.000	46.55	-27.45	74.00	46.24	38.05	3.31	41.05	Peak	---	---

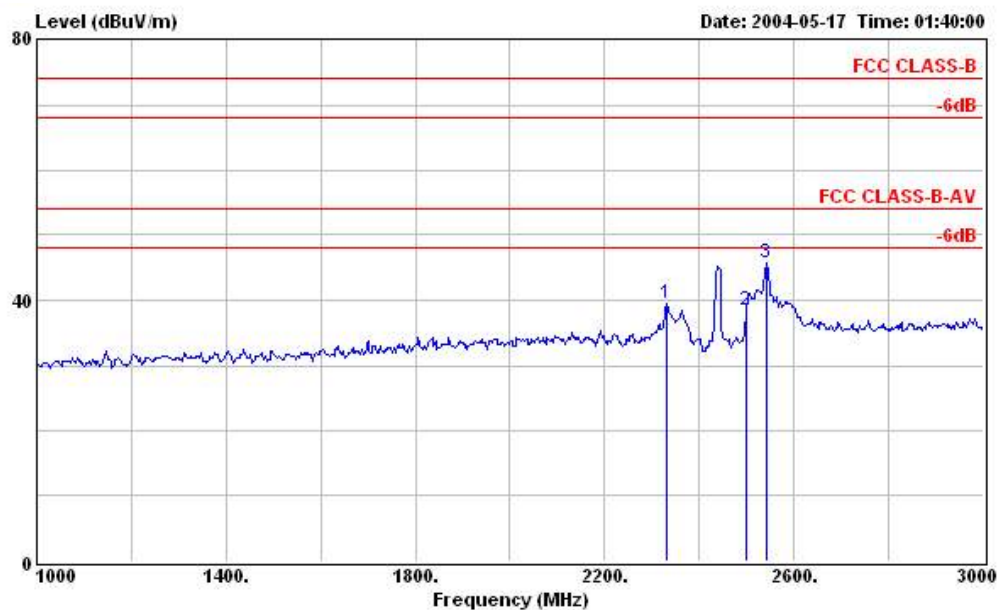


Site : 03CH03-HY  
 Condition : FCC CLASS-B 3m BIC-9124--301 VERTICAL  
 EUT :  
 Power : 120V/60Hz  
 Model :  
 Memo : BT TX CH39 2441MHz  
 : WLAN TX CH06 2437MHz  
 : Cradle +USB

	Freq	Level	Over	Limit	Read	Probe	Cable	Preamp		Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	45.300	28.85	-11.15	40.00	45.12	10.59	1.15	28.01	Peak	---	---
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	---	---

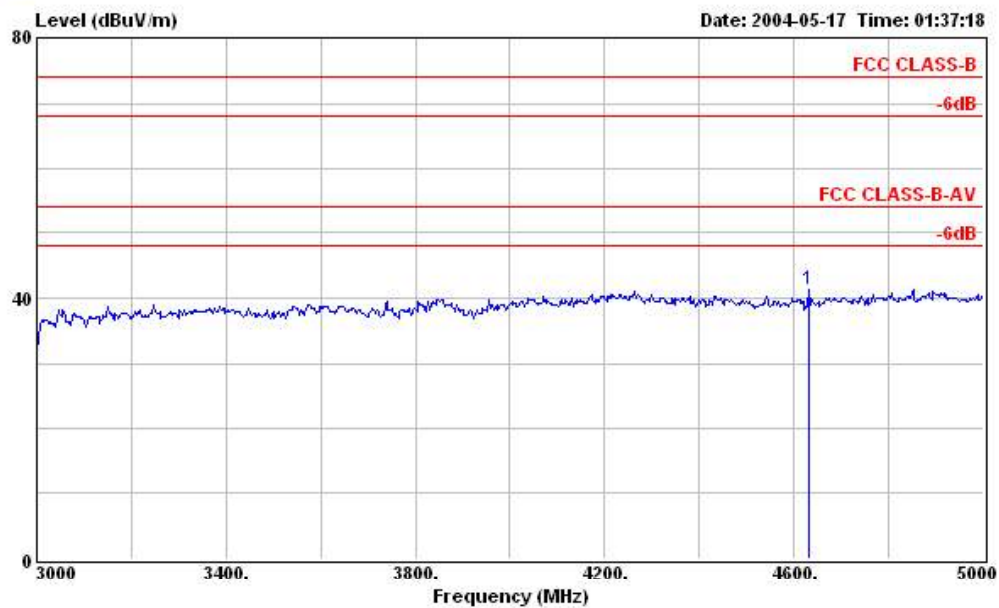
# FCC TEST REPORT

Report No. :F451503



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	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preampl Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	2332.000	39.50	-34.50	74.00	50.82	28.08	1.71	41.11	Peak	---	---
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	---	---

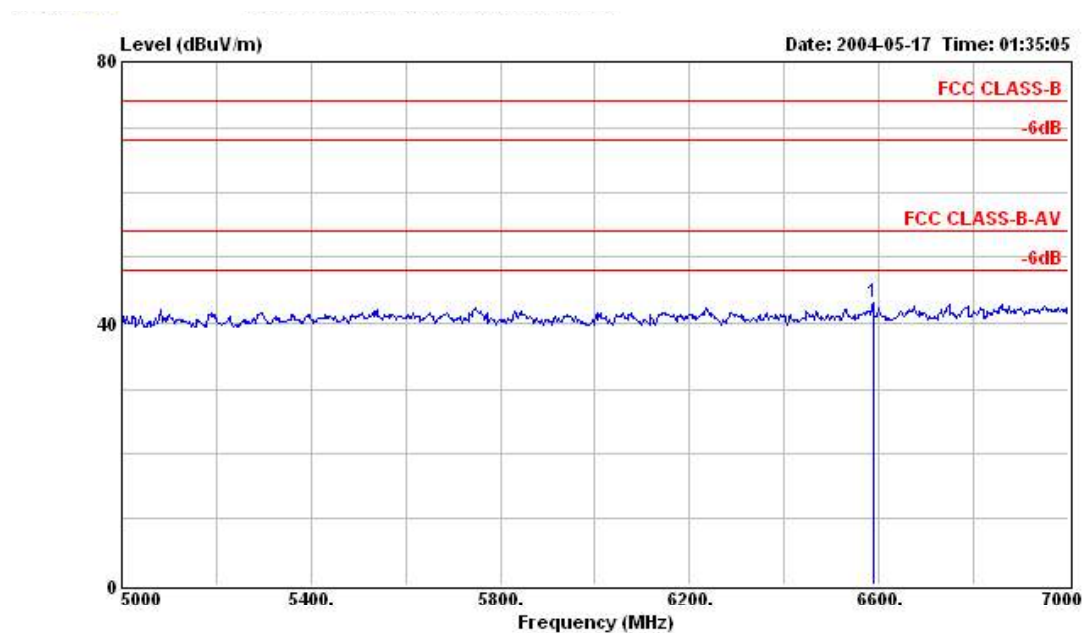


Site : 03CH03-HY  
 Condition : FCC CLASS-B 3m HORN-ANT-6741 VERTICAL  
 EUT  
 Power : 120V/60Hz  
 Model  
 Memo : BT TX CH39 2441MHz  
 : WLAN TX CH06 2437MHz  
 : Cradle +USB

	Freq	Level	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamplifier Factor	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	4630.000	41.32	-32.68	74.00	48.35	32.68	2.39	42.10	Peak	---	---

# FCC TEST REPORT

Report No. :F451503



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	Over Limit	Limit Line	Read Level	Probe Factor	Cable Loss	Preamplifier	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	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	Peak	---	---

**SPORTON International Inc.**

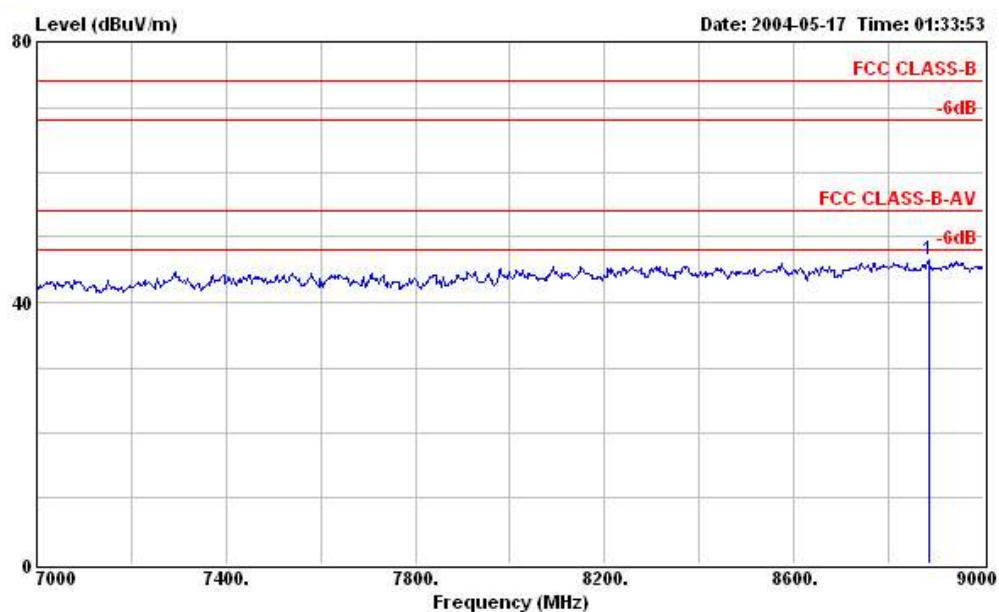
TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

FCC ID : NM8BALI

Page No. : 82 of 132

Issued Date : May 25, 2004



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	Over	Limit	Read	Probe	Cable	Preamp		Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	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.