### for

# 47 CFR Part 15 Subpart C

- Equipment : Pocket PC
- Model No. : QVGA: PL710MD

VGA: PL720MD

- FCC ID : NM8BALI
- Filing Type : Certification
- Applicant: High Tech Computer Corp.23 Hsin Hua Rd., Taoyuan 330, Taiwan
- The test result refers exclusively to the test presented test model / sample.
- Without written approval of SPORTON International Inc., the test report shall not be reproduced except in full.
- Certificate or Test Report must not be used by the applicant to claim the product in this test report endorsement by NVLAP or any agency of U.S. government.

# **SPORTON International Inc.**

6F, No.106, Sec. 1, Hsin Tai Wu Rd., Hsi Chih, Taipei Hsien, Taiwan, R.O.C.

# Table of Contents

History	of this test report CATE OF COMPLIANCE	ii
	al Description of Equipment under Test	
	Applicant	
	Manufacturer	
	Basic Description of Equipment under Test	
	Feature of Equipment under Test	
	Test Manner	
	Description of Test System Connection Diagram of Test System	
	<b>o i</b>	
	ition of Equipment under Test al Information of Test	
	Test Voltage	
	Standard for Methods of Measurement	
	Test in Compliance with	
	Frequency Range Investigated	
	Test Distance	
	t of Measurements and Examinations	
5. Repo		
	6dB Bandwidth	
	Power Spectral Density	
5.3 5.4	Band Edges Measurement	
••••	Hopping Channel Separation	
	Number of Hopping Frequency	
	Hopping Channel Bandwidth	
	Dwell Time of Each Frequency within a 30 Seconds Period	
	Peak Output Power	
	of Conducted Emission	
	Aajor Measuring Instruments	
	Fest Procedures	
	Fest Result of Conducted Emission	
	of Radiated Emission	
	Major Measuring Instruments	
	Test Procedures	
	Typical Test Setup Layout of Radiated Emission	
	Test Result of Radiated Emission	
	na Requirements	
	Standard Applicable	129
	Antenna Connected Construction	
	f Measuring Equipments Used	
	ertainty Measurement	
	x A. Photographs of EUT External	
	ix B. Photographs of EUT Internal	
	x C. Photographs of Setup	

# History of this test report

Original Report Issue Date: May 25, 2004

No additional attachment.

Additional attachment were issued as following record:

Attachment No.	Issue Date	Description

Certificate No. : F451503

# **CERTIFICATE OF COMPLIANCE**

# for

# 47 CFR Part 15 Subpart C

Equipment	: Pocket PC
Model No.	: QVA: PL710MD
	VGA: PL720MD
FCC ID	: NM8BALI
Filing Type	: Certification
Applicant	: High Tech Computer Corp. 23 Hsin Hua Rd., Taoyuan 330, Taiwan

# I HEREBY CERTIFY THAT :

The measurements shown in this test report were made in accordance with the procedures given in **ANSI C63.4 - 2001** and the equipment under test was *passed* all test items required in FCC Part 15 subpart C, relative to the equipment under test. Testing was carried out on May 18, 2004 at **SPORTON International Inc.** LAB.

iel Lee . 5/26/2004

Daniel Lee Manager

# SPORTON International Inc.

6F, No.106, Sec. 1, Hsin Tai Wu Rd., Hsi Chih, Taipei Hsien, Taiwan, R.O.C.

# **1. General Description of Equipment under Test**

# 1.1 Applicant

**High Tech Computer Corp.** 23 Hsin Hua Rd., Taoyuan 330, Taiwan

#### 1.2 Manufacturer

**High Tech Computer Corp.** 23 Hsin Hua Rd., Taoyuan 330, Taiwan

### **1.3 Basic Description of Equipment under Test**

Equipment	: Pocket PC
Trade Name	: FUJITSU SIEMENS COMPUTER
Model No.	: QVGA: PL710MD, VGA: PL720MD
Power Supply Type	: Switching
AC Power Cord	: AC 120V/ 60Hz, Non-shielded ,1.7meter,2pin

# 1.4 Feature of Equipment under Test

The Emission Mode: Wireless LAN

	Product Feature & Specification					
1.	Type of Modulation	802.11b:CCK(11Mbps),DQPSK(5.5Mbps) DQPSK(2Mbps),DBPSK(1Mbps);				
2.	Number of Channels	USA/Canada:11	V	European:13		
۷.		Japan:13.14		Other:		
3.	Frequency Band	2.4GHz~2.4835G	GHz			
4.	Carrier Frequency of each channel	2412MHz+(n-1)*5MHz, n=1~11				
5.	Channel Spacing	5MHz				
6.	Maximum Output Power to Antenna (Normal Condition)	14.68 dBm				
7.	7. Type of Antenna Connector SMT switch connector					
8.	Antenna Type	Inveted-F Antenn	a			
9.	Antenna Gain	-4 dBi				
10.	Function Type	Transmitter		Transceiver	V	
11.	Power Rating (DC/AC Voltage)	DC 5V				
12.	Temperature Range	0~ +45 degree C				
13.	Duty Cycle	N/A				
14.	Basic function of product	With Wireless LA	N for data	a networking ap	plications	

#### The Emission Mode: Bluetooth

	Product Feature & Specification					
15.	Type of Modulation	GFSK				
16.	Number of Channels	79				
17.	Frequency Band	2.4GHz~2.4835GHz				
18.	Carrier Frequency of each channel	2402MHz+n*MHz, n=0~	78			
19.	Channel Spacing	1MHz				
20.	Maximum Output Power to Antenna (Normal Condition)	2.9 dBm				
21.	Type of Antenna Connector	SMT switch connector				
22.	Antenna Type	Chip antenna				
23.	Antenna Gain	-7 dBi				
24.	Function Type	Transmitter	Transceiver	V		
25.	Power Rating (DC/AC Voltage)	DC 5V				
26.	Temperature Range	0~ +45 degree C				
27.	Duty Cycle	N/A				
28.	3. Basic function of product With Bluetooth for data networking applications			cations		

# 2. Test Configuration of Equipment under Test

#### 2.1 Test Manner

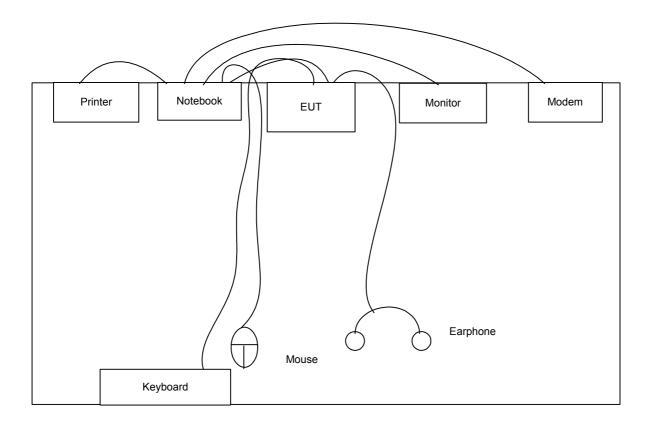
- a. The EUT has been associated with peripherals pursuant to ANSI C63.4-2001 and configuration operated in a manner tended to maximize its emission characteristics in a typical application.
- b. The complete test system included VIEWSONIC Monitor, LCGITECH USB Mouse, EPSPN Printer, ACEEX Modem, DELL Notebook, IBM Keyboard, Stereo Earphone and EUT for EMI test.
- c. The EUT can operate on eleven channels from 2412MHz to 2462MHz. For WLAN function and 79 channels from 2402 MHz to 2480 MHz for BT function.(as listed in section <u>1.4</u>). The following test modes were pretested for conduction test:
  Mode 1: EUT Only Mode
  Mode 2: Cradle Mode
  Mode 3: Cradle+USB Mode
  Mode 4: USB Mode
  The following test modes were pretested for radiation test:
  Mode 1: TX- BT CH00 (2402 MHz), WLAN CH01 (2412MHz)
  Mode 2: TX- BT CH39 (2441 MHz), WLAN CH06 (2437 MHz)
  Mode 3: TX- WLAN CH06 (2437 MHz)
  Mode 4: TX- BT CH78 (2480 MHz), WLAN CH11 (2462 MHz)
  Mode 5: TX- BT CH 78 (2480 MHz)
  d. Frequency range investigated: conduction 150 kHz to 30 MHz, radiation 30 MHz to 25000MHz.

# 2.2 Description of Test System

#### <EMI>

Item	Asset	FCC ID	Model Name	Power Cord	S/N
1.	Earphone(STEREO)	N/A	HP-300	Shielded, 1.7m	SP0042
2.	Monitor (VIEWSONIC)	N/A	VCDTS21553-3P	Shielded, 1.7m	SP0050
3.	USB MOUSE (LCGITECH)	N/A	M-8E58	Shielded, 1.7m	SP0052
4.	PRINTER (EPSON)	N/A	STYLUS COLRO 680	Shielded, 1.35m	SP0054
5	MODEM (ACEEX)	IFAXCM141	CM141	Shielded, 1.35m	SP0058
6	Notebook (DELL)	N/A	PP05L	Non-Shielded	SP0061
7	Keyboard(IBM)	N/A	N/A	Shielded, 1.7m	SP0064

# 2.3 Connection Diagram of Test System



# 3. Operation of Equipment under Test

An executive program, EMCTEST.EXE on WIN2000 continuously generating a complete line of "H" pattern, was used as the test software.

The program was executed as follows:

- a. Turn on the power of all equipment.
- b. The PC reads the test program from the hard disk drive and runs it.
- c. The PC sends "H" messages to the monitor, and the monitor displays "H" patterns on the screen.
- d. The PC sends "H" messages to the printer, then the printer prints them on the paper.
- e. The PC sends "H" messages to the internal hard disk , and the hard disk reads and writes the message.
- f. Repeat the steps from c to e.

At the same time, the following program was executed:

"BT Test Mode for 6150. exe", keeps sending continuous Tx for BT, and "WLAN Test AP. exe." Keeps sending continuous TX for WLAN.

# 4. General Information of Test

Test Site Location	:	No. 52, Hwa Ya 1st Rd., Hwa Ya Technology Park,
		Kwei-Shan Hsiang, Tao Yuan Hsien, Taiwan, R.O.C.
		TEL : 886-3-327-3456
		FAX : 886-3-318-0055
Test Site No	:	CO01-HY, 03CH03-HY

#### 2.4 Test Voltage

110V/ 60Hz

### 2.5 Standard for Methods of Measurement

ANSI C63.4-2001

### 2.6 Test in Compliance with

47 CFR Part 15 Subpart C

### 2.7 Frequency Range Investigated

- a. Conduction: from 150 kHz to 30 MHz
- b. Radiation: from 30 MHz to 25000 MHz

### 2.8 Test Distance

The test distance of radiated emission from antenna to EUT is 3 m.

# **5.** Report of Measurements and Examinations

#### 5.1 List of Measurements and Examinations

#### The Emission Mode: Wireless LAN

FCC Rule	Description of Test	Result	
15.207	Conducted Emission	Pass	
15.247(a)(2)	6dB Bandwidth	Pass	
15.247(b)	15.247(b) Maximum Peak Output Power		
15.209(a)	15.209(a) Radiated Emission		
15.247 (c)	100kHz Bandwidth of Frequency Band Edges	Pass	
15.247(d) Power Spectral Density		Pass	
15.203 Antenna Requirement		Pass	

#### The Emission Mode: Bluetooth

FCC Rule	Description of Test	Result
<u>15.247(a) (1)</u>	Hopping Channel Bandwidth	Pass
<u>15.247(a)(1)</u>	Hopping Channel Separation	Pass
<u>15.247(a)</u> (1)(iii)	Number of Hopping Frequency Used	Pass
<u>15.247(a)</u> (1)(iii)	<u>15.247(a)(1)(iii)</u> Dwell Time of Each Frequency	
<u>15.247(b) (1)</u>	<u>15.247(b) (1)</u> Output Power	
15.247(c)	15.247(c) 100KHz Bandwidth of Frequency Band Edges	
15.207	15.207 Conducted Emission	
15.209	15.209 Radiated Emission	
15.203 Antenna Requirement		Pass

#### 5.2 6dB Bandwidth

5.2.1 Measuring Instruments :

As described in chapter 9 of this test report.

#### 5.2.2 Test Procedure :

- 1. The output of EUT was connected to the spectrum analyzer by a low loss cable.
- 2. Set RBW of spectrum analyzer to 100KHz and VBW to 100KHz.
- 3. The 6 dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6 dB.
- 5.2.3 Test Setup Layout :

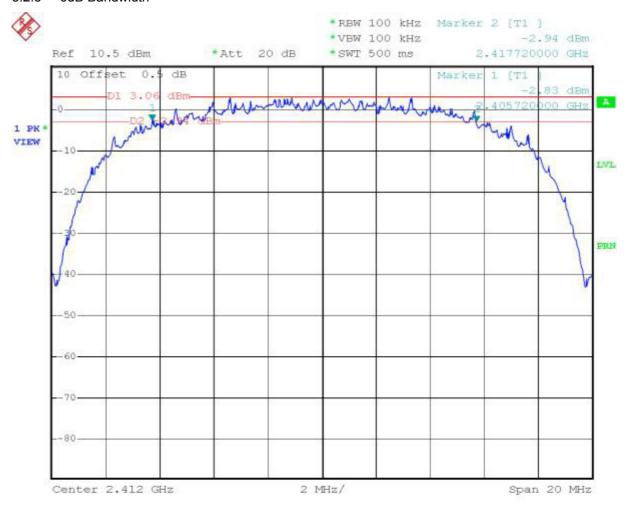


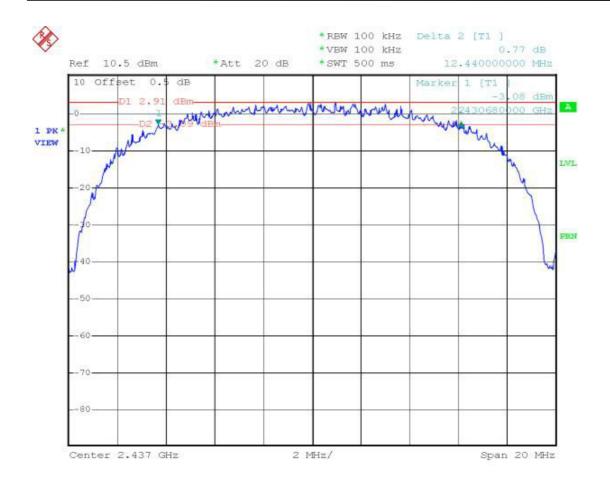
- 5.2.4 Test Result : The spectrum analyzer plots are attached as below
  - Test Mode: WLAN 802.11b
  - Temperature : 26 °C
  - Relative Humidity : 53%

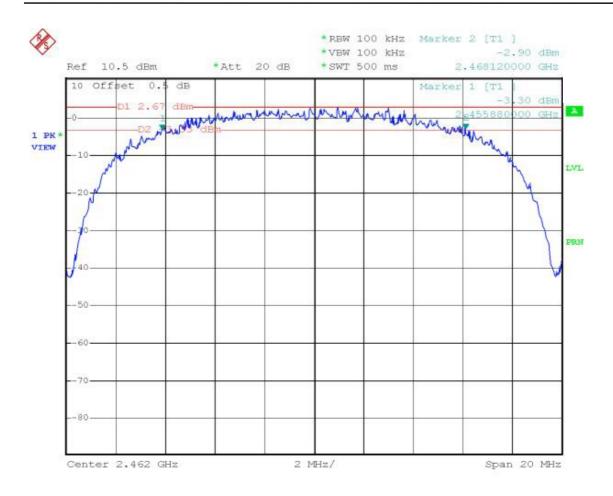
Channel	Frequency	6dB Emission bandwidth	Limits
	(MHz)	(MHz)	( MHz )
01	2412	12.00	0.5
06	2437	12.44	0.5
11	2462	12.24	0.5

#### Report No. :F451503

#### 5.2.5 6dB Bandwidth







#### 5.3 Power Spectral Density

5.3.1 Measuring Instruments :

As described in chapter 9 of this test report.

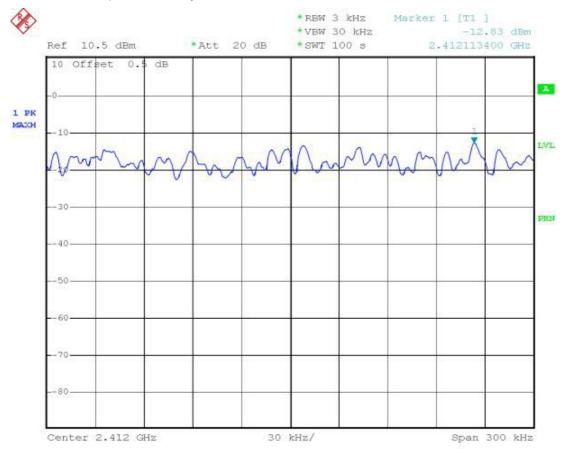
- 5.3.2 Test Procedure :
  - 1. The output of EUT was connected to spectrum analyzer by a low loss cable.
  - 2. The spectrum analyzer's resolution bandwidth were set at 3KHz RBW and 30KHz VBW as that of the fundamental frequency. Set the sweep time=span/3KHz.
  - 3. The power spectral density was measured and recorded.
  - 4. The sweep time is allowed to be longer than span/3KHz for a full response of the mixer in the spectrum analyzer.
- 5.3.3 Test Setup Layout :



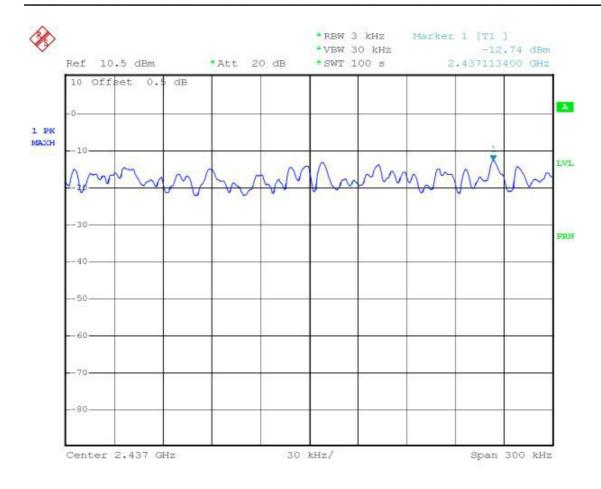
- 5.3.4 Test Result : See spectrum analyzer plots below
  - Test Mode: WLAN 802.11b
  - Temperature : 26 °C
  - Relative Humidity : 53%

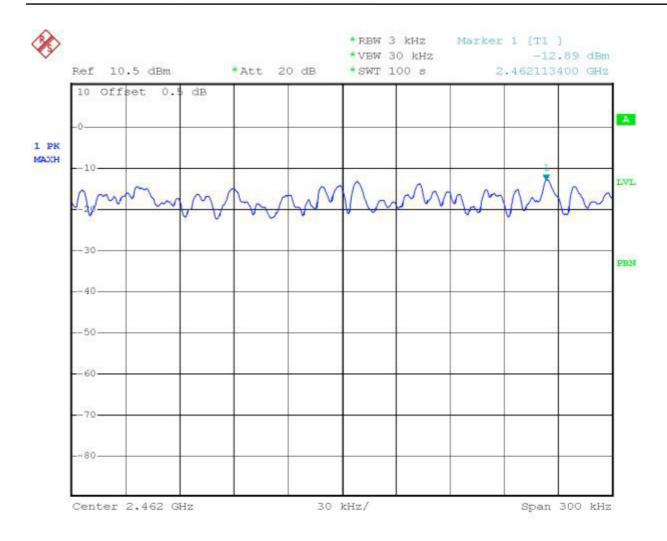
Channel	Frequency	Power Spectral Density	Limits
	(MHz)	(dBm)	(dBm )
01	2412	-12.83	8
06	2437	-12.74	8
11	2462	-12.89	8

#### Report No. :F451503



#### 5.3.5 Power Spectral Density





#### 5.4 Band Edges Measurement

#### 5.4.1 Measuring Instruments :

As described in chapter 9 of this test report.

#### 5.4.2 Test Procedure :

- 1. The output of EUT was connected to the spectrum analyzer by a low lose cable.
- 2. Set both RBW and VBW of spectrum analyzer to 100kHz with suitable frequency span including 100 kHz bandwidth from band edge.
- 3. The band edges was measured and recorded.

#### 5.4.3 Test Result :

- Test Mode: WLAN 802.11b and BT
- Temperature : 26 °C
- Relative Humidity : 53%
- Test Result in WLAN lower band (Channel 1)
   PASS
- Test Result in WLAN higher band (Channel 11)
   PASS
- Test Result in BT lower band (Channel 00)
   PASS
- Test Result in BT higher band (Channel 78)
   PASS

#### Report No. :F451503

A

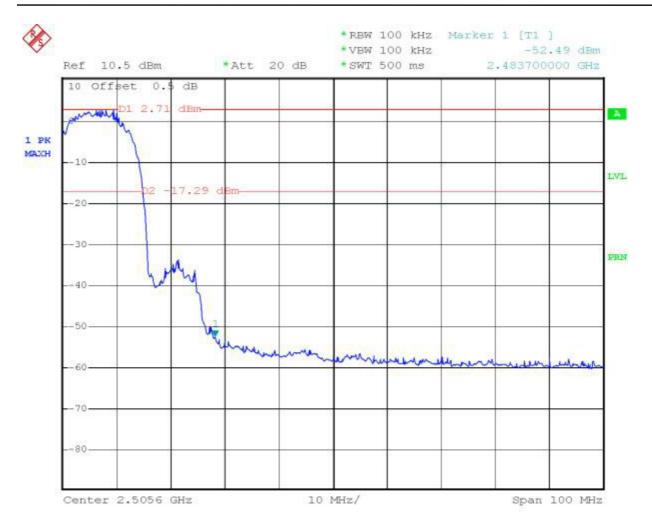
LVL

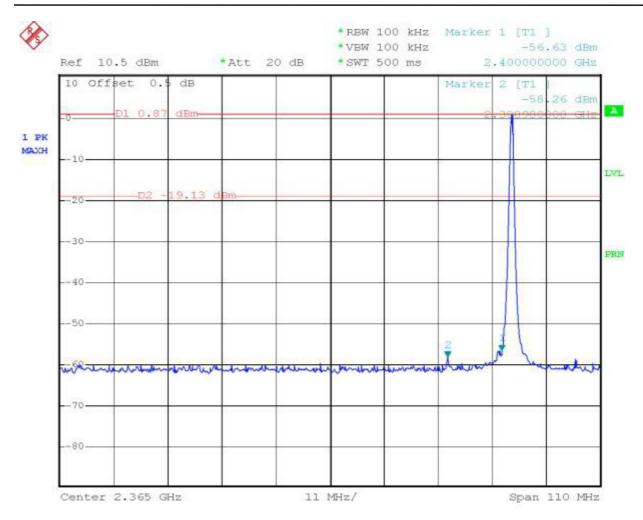
PRN

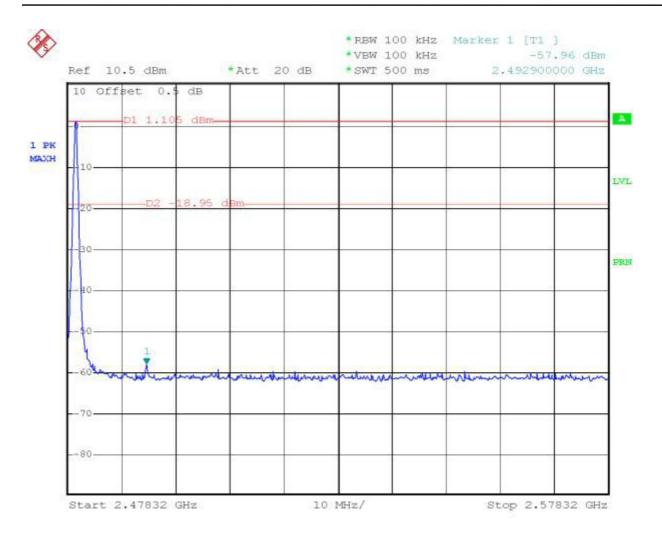
#### \* RBW 100 kHz Marker 1 [T1 ] \*VBW 100 kHz -37.98 dBm Ref 10.5 dBm \*Att 20 dB \*SWT 500 ms 2.397120000 GHz 10 Offset dB 0.5 D1 2.71 dBm MAL 1 PK MAXH -10 -D2 -17,29 dBm--20 -30 40 -50 mar more . 0.0 HALL. 70 80 Start 2.31 GHz 11 MHz/ Stop 2.42 GHz

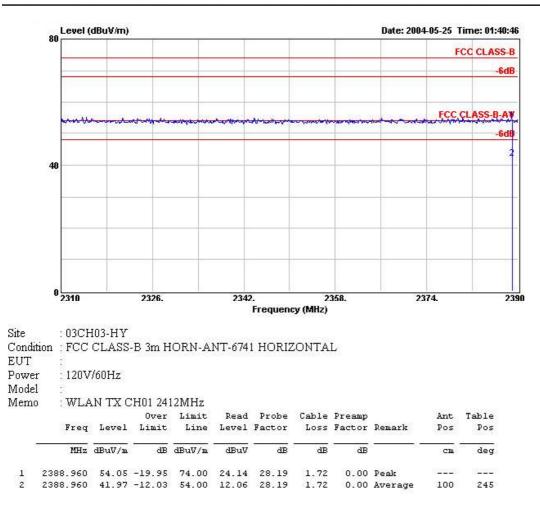
#### 5.4.4 Band Edge Measurement

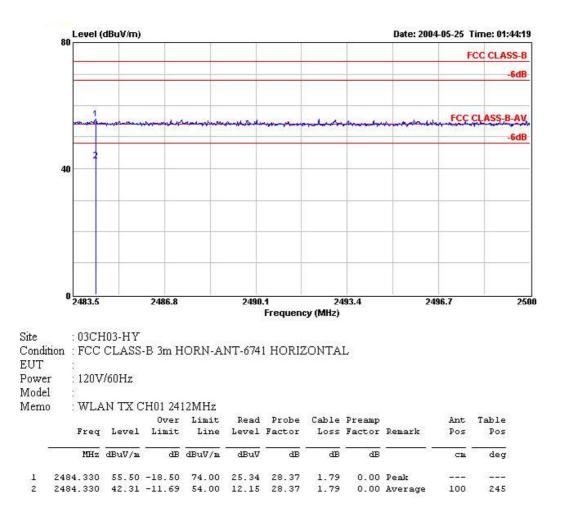
**SPORTON International Inc.** TEL : 886-2-2696-2468 FAX : 886-2-2696-2255

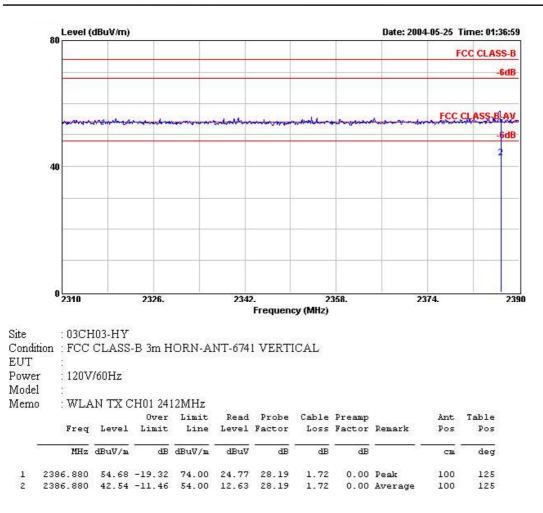














#### 5.5. Hopping Channel Separation

5.5.1 Measuring Instruments :

As described in chapter 9 of this test report.

#### 5.5.2 Test Procedure :

- 1. The output of EUT was connected to the spectrum analyzer by a low loss cable..
- 2. Set RBW of spectrum analyzer to 100KHz and VBW to 100KHz.
- 3. The Hopping Channel Separation is defined as the channel is separated with the next channel.
- 5.5.3 Test Setup Layout :

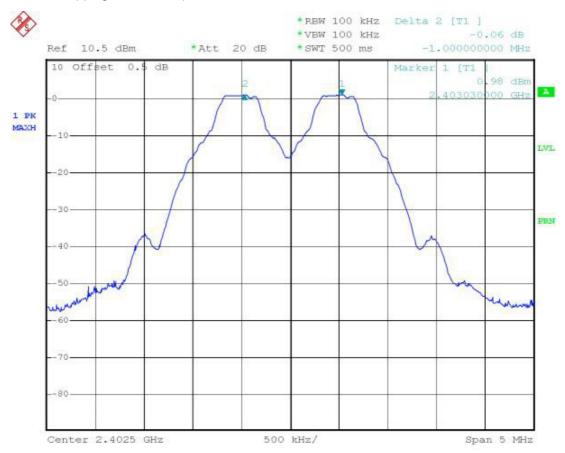


5.5.4 Test Result : The spectrum analyzer plots are attached as below

- Test Mode: BT
- Temperature: 26°C
- Relative Humidity: 53 %
- Duty cycle of the equipment during the test X = 34%

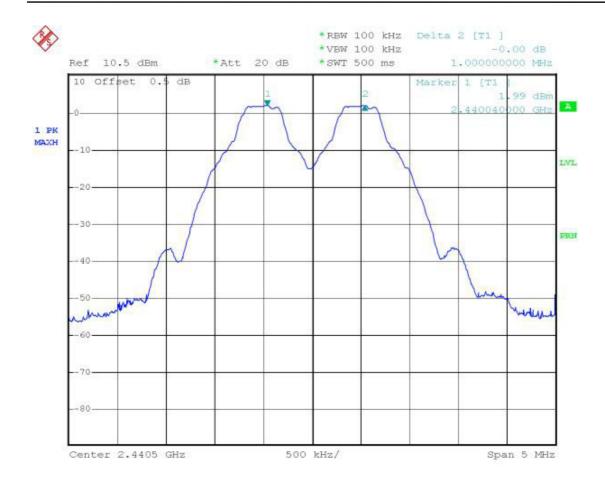
Channel	Frequency	Carrier Frequency	Limits
		Separation	
	(MHz)	( KHz )	( KHz )
00	2402	1000	0.96KHz
39	2441	1000	0.96KHz
78	2480	990	0.96KHz

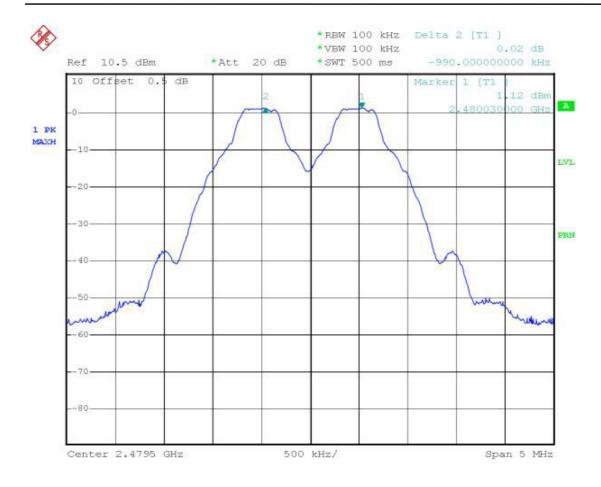
Note: Limits =25KHz or the 20dB bandwidth of the hopping channel, which ever is greater.



#### 5.5.5 Hopping Channel Seperation

SPORTON International Inc.			
TEL : 886-2-2696-2468			
FAX : 886-2-2696-2255			





#### 5.6 Number of Hopping Frequency

5.6.1 Measuring Instruments :

As described in chapter 9 of this test report.

#### 5.6.2 Test Procedure :

- 1. The output of EUT was connected to the spectrum analyzer by a low loss cable.
- 2. Set RBW of spectrum analyzer to 100KHz and VBW to 100KHz.
- 3. The number of hopping frequency used is defined as the device has the numbers of total channel.

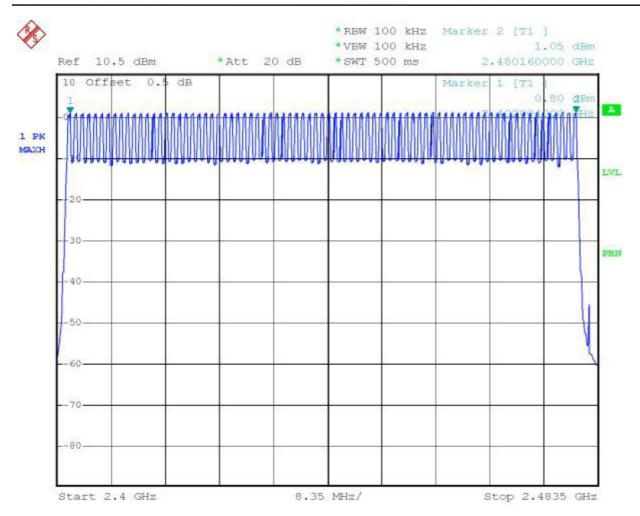
#### 5.6.3 Test Setup Layout :



- 5.6.4 Test Result : See spectrum analyzer plots below
- Mode: BT
- Temperature: 26°C
- Relative Humidity: 53 %
- Duty cycle of the equipment during the test X = 34%

Number of Hopping Frequency	Limits
(Channel)	(Channel)
79	75

#### 5.6.5 Number of Hopping Frequency



## 5.7 Hopping Channel Bandwidth

5.7.1 Measuring Instruments :

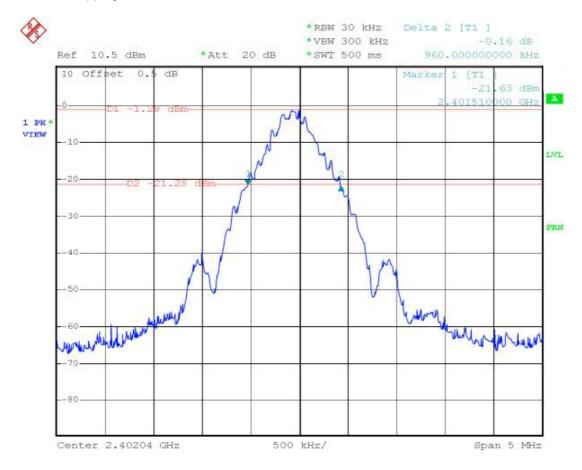
As described in chapter 9 of this test report.

- 5.7.2 Test Procedure :
  - 1. The transmitter output was connected to the spectrum analyzer by a low loss cable.
  - 2. Set RBW of spectrum analyzer to 30KHz and VBW to 300KHz.
  - 3. The Hopping Channel bandwidth is defined as the total spectrum the power of which is higher than peak power minus 20 dB.
- 5.7.3 Test Setup Layout :

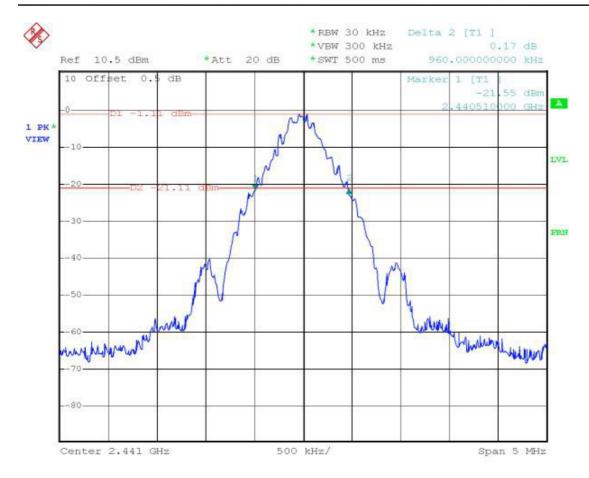


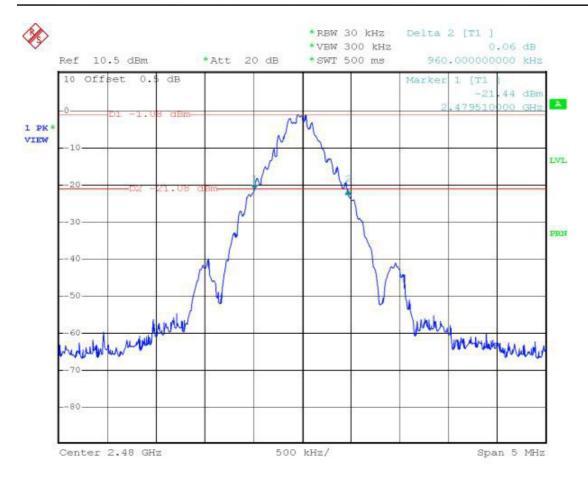
- 5.7.4 Test Result : See spectrum analyzer plots below
- Test Mode: BT
- Temperature: 23°C
- Relative Humidity: 60 %
- Duty cycle of the equipment during the test X = 34%

Channel Frequency		Hopping Channel Bandwidth	Limits	
	(MHz)	(MHz)	(MHz)	
00	2402	0.9600	1.0	
39	2441	0.9600	1.0	
78	2480	0.9600	1.0	



#### 5.7.5 Hopping Channel Bandwidth





## 5.8. Dwell Time of Each Frequency within a 30 Seconds Period

5.8.1 Measuring Instruments :

As described in chapter 9 of this test report.

- 5.8.2 Test Procedure :
  - 1. The transmitter output was connected to the spectrum analyzer by a low loss cable.
  - 2. Set RBW of spectrum analyzer to 1MHz and VBW to 1MHz.
  - 3. Set the center frequency on any frequency would be measure and set the frequency span to zero span.
  - 4. The calculate =0.4 \* 79 \* (1600/79) \* t (t = the time duration of one single pulse )

#### 5.8.3 Test Setup Layout :

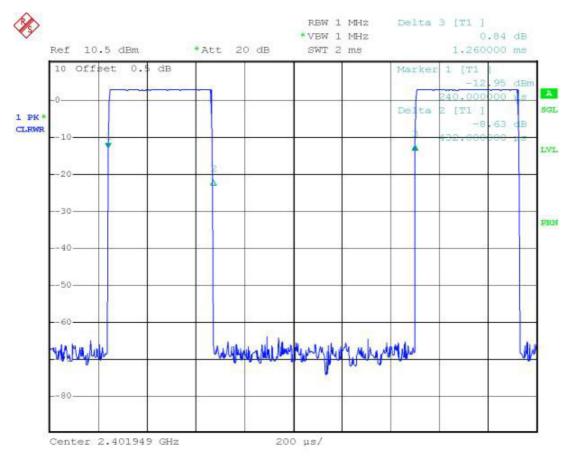


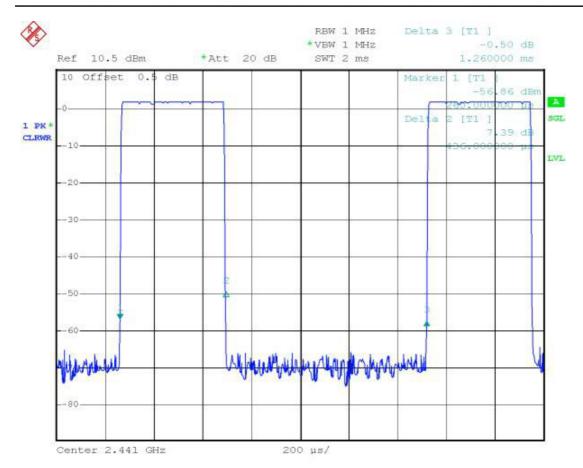
- 5.8.4 Test Result : See spectrum analyzer plots below
- Test Mode: BT
- Temperature: 23°C
- Relative Humidity: 60 %
- Duty cycle of the equipment during the test X = 34%

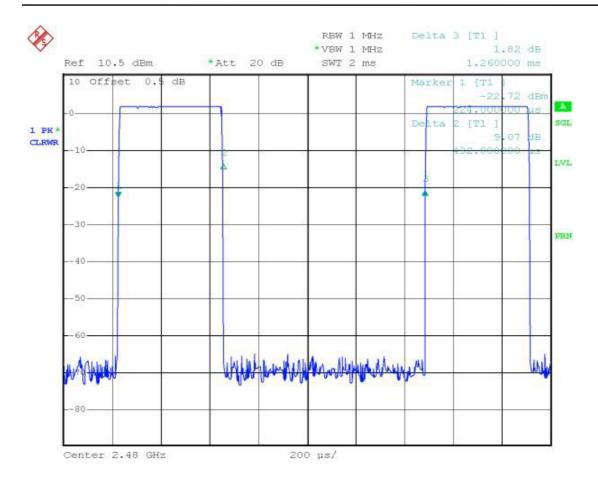
Channel	Frequency	Dwell Time	Limits		
	(MHz)	(s)	(s)		
00	2402	0.28	0.4		
39	2441	0.28	0.4		
78	2480	0.28	0.4		

#### Report No. :F451503

#### 5.8.5 Dell Time







#### 5.9. Peak Output Power

5.9.1 Measuring Instruments :

As described in chapter 9 of this test report.

5.9.2 Test Procedure :

The antenna port (RF output) of the EUT was connected to the input (RF input) of a power meter. Power was read directly from the meter and cable loss connection was added to the reading to obtain power at the EUT antenna terminal. The EUT Output Power was set to maximum to produce the worse case test result.

5.9.3 Test Setup Layout :



- 5.9.4 Test Result : See spectrum analyzer plots below
  - Test Mode: WLAN 802.11b and BT
  - Temperature : 26°C
  - Relative Humidity : 53 %

Channel	Frequency	Measured Output Power	Limits		
_	(MHz)	(dBm)	(Watt/dBm )		
01	2412	14.68	1W/30 dBm		
06	2437	14.46	1W/30 dBm		
11	2462	14.45	1W/30 dBm		
вт					
Channel	Frequency	Measured Output Power	Limits		

	(MHz)	(dBm)	(Watt/dBm )
00	2402	2.69	1W/30 dBm
39	2441	2.86	1W/30 dBm
78	2480	2.90	1W/30 dBm

# 6. Test of Conducted Emission

Conducted emissions were measured from 150 kHz to 30 MHz with a bandwidth of 9 kHz and return leads of the EUT according to the methods defined in ANSI C63.4-2001 Section 3.1. The EUT was placed on a nonmetallic stand in a shielded room 0.8 meters above the ground plane. The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position produced maximum conducted emissions.

#### 6.1 Major Measuring Instruments

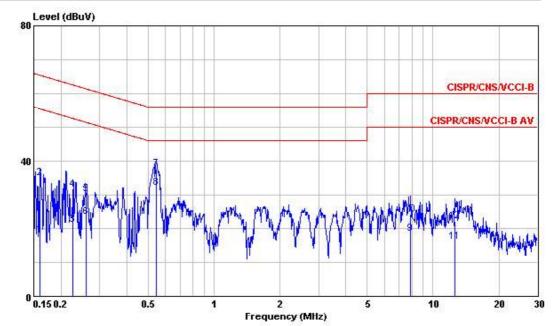
Test Receiver	(R&S ESCS 30)
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

#### 6.2 Test Procedures

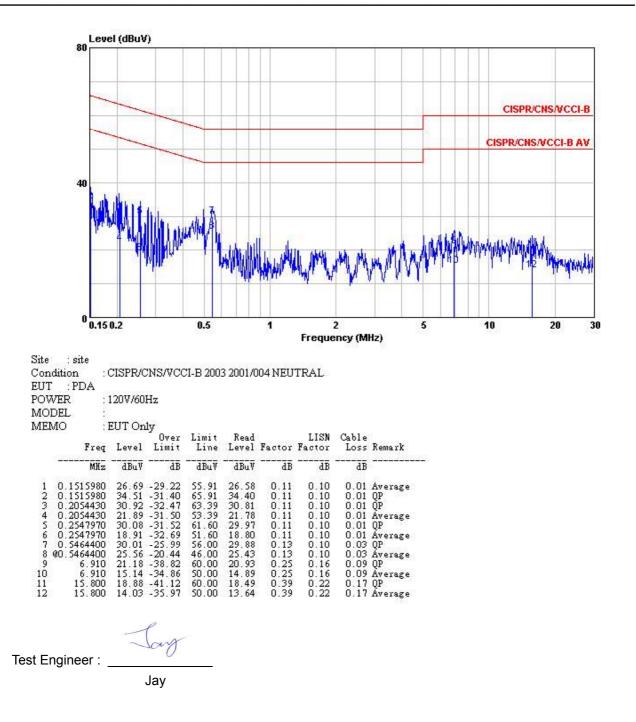
- a. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
- b. Connect EUT to the power port of the line impedance stabilization network (LISN).
- c. All the support units are connect to the other LISN.
- d. The LISN provides 50 ohm coupling impedance for the measuring instrument.
- e. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
- f. Both sides of AC line were checked for maximum conducted interference.
- g. The frequency range from 150 kHz to 30 MHz was searched.
- h. Set the test-receiver system to Peak Detect Function and specified bandwidth with Maximum Hold Mode.

## 6.3 Test Result of Conducted Emission

- 6.3.1 Frequency Range of Test : 150kHz to 30 MHz
  - Test Mode : Mode 1 EUT Only Mode
  - Temperature : 26°C
  - Relative Humidity : 53 %
  - The test that passed at minimum margin was marked by the frame in the following table.



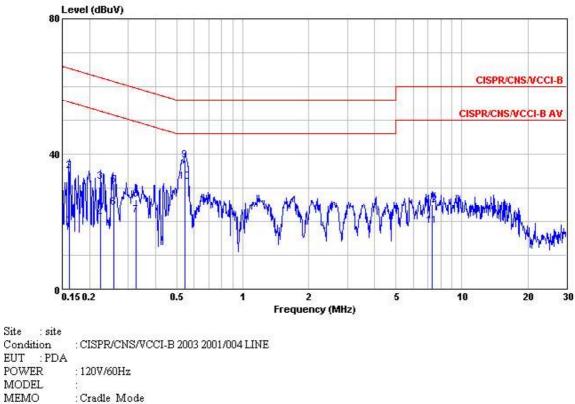
Site Con EUT	dition : (	CISPR/C	NS/VCC	I-B 200	3 2001/0	04 LINE	(		
POV	VER : 1	1207/601	Hz						
MO	DEL :								
MEI	MO : I	EUT Oni	lv						
	Freq	Level	Över Limit	Limit Line	Read Level		LISN Factor	Cable Loss	Remark
	MXz	₫₿uΫ	dB	₫₿uΫ	dBuV	đB	₫₿	dB	
	0.1598470 0.1598470 0.2271010 0.2271010 0.2601590 0.2601590 0.2601590 @0.5464400	34.92 21.10 31.50 30.29 23.50 37.60	-37.41 -30.55 -31.46 -31.06 -31.14 -27.93 -18.40	55.47 65.47 52.56 62.56 61.43 51.43 56.00	17.95 34.81 20.99 31.39 30.18 23.39 37.47	0.11 0.11 0.13	0.10 0.10 0.10 0.10 0.10 0.10	0.01 0.01 0.01 0.01 0.01 0.03	
8 9 10 11 12	<u>@0.5464400</u> 7.890 7.890 12.580 12.580	24.17 16.05	<u>-13.77</u> -31.59 -35.83 -33.95 -38.01	46.00 50.00 60.00 50.00 60.00	32.10 18.21 23.97 15.75 21.69	0.13 0.20 0.20 0.30 0.30	0.10 0.10 0.10 0.16 0.16	0.10 0.10	Äverage



6.3.2 Frequency Range of Test : 150kHz to 30 MHz

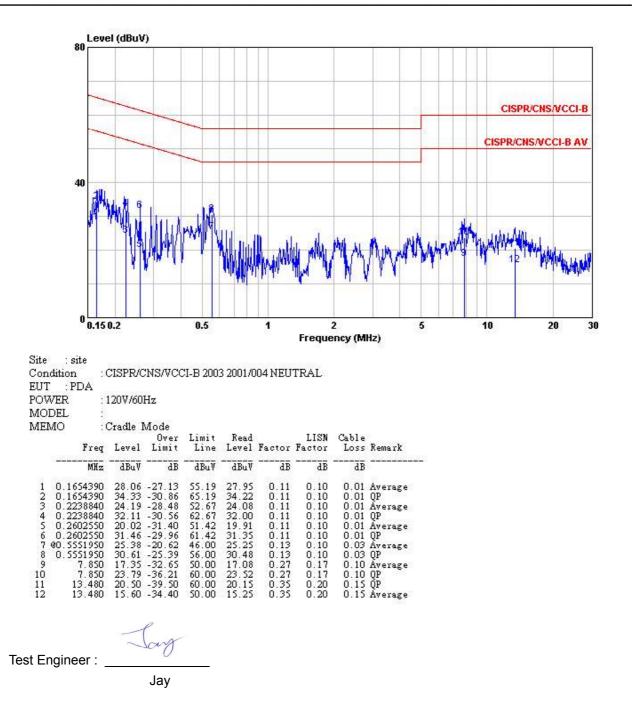
- Test Mode : Mode 2 Cradle Mode .
- Temperature : 26°C
- . Relative Humidity : 53 %

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



MEP	NO :C	Cradle Mode						
	Freq	Ove Level Limi		Read Level		LISN Factor	Cable Loss	Remark
	MXz	dBu¥ di	B Bu¥	₫₿uΫ	đB	₫₿	₫₿	
1 2 3 4 5 6 7 8 9	0.1615500 0.1615500 0.2243730 0.2243730 0.2587710 0.2587710 0.3251190 0.3251190 @0.5435530	18.76 -36.63 35.09 -30.23 31.78 -30.83 20.80 -31.83 30.78 -30.63 24.22 -27.73 26.54 -33.03 38.16 -17.85	9 65.38 6 62.66 6 52.66 9 61.47 5 51.47 2 49.57 3 59.57	18.65 34.98 31.67 20.69 30.67 24.11 21.73 26.42 38.03	0.11 0.11 0.11 0.11 0.11 0.12 0.12	0.10 0.10 0.10 0.10 0.10 0.10	0.01 0.01 0.01 0.01 0.01	ÕP Äverage OP Äverage Average QP
	00.5435530 7.290 7.290	31.90 -14.10 18.74 -31.2 25.09 -34.9	0 <u>46.00</u> 6 50.00	31.77 18.54 24.89	0.13	0.10 0.10 0.10	0.03	Äverage Average

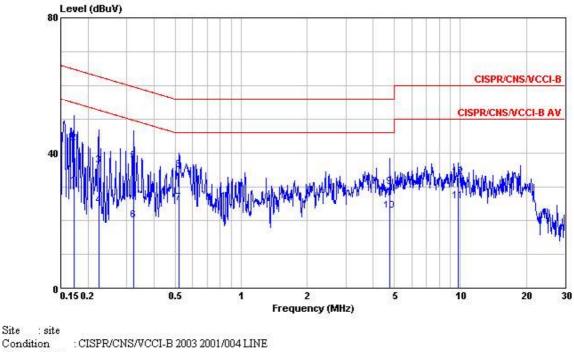
Site



6.3.3 Frequency Range of Test : 150kHz to 30 MHz

- Test Mode : Mode 3 Cradle+USB Mode
- Temperature : 26°C
- Relative Humidity : 53 %

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



Condi	tion	: CISPR/CNS/VO
EUT	: PDA	
DOIT	710	1 20TT (60TT-

POWER	: 1	207/60	Hz						
MODEL	1								
MEMO	: (	Cradle +	USB M	ode					
	Freq	Level	Over Limit	Limit Line	Read Level	Factor	LISN Factor	Cable Loss	Remark
	MXz	dBuV	dB	₫₿uΫ	₫BuŸ	đB	₫₿	đB	
2 0.1 3 0.22 4 0.22 5 0.32 6 0.32 7 @0.52	721540 721540 231870 231870 234010 234010 209950 4.770 4.770 9.760	42.90 36.21 24.42 37.65 19.99 25.25 34.96 29.91 22.96	-24.66 -21.96 -26.49 -28.28 -21.97 -29.63 -20.75 -21.04 -26.09 -23.04 -24.28	$\begin{array}{c} 54.86\\ 64.86\\ 62.70\\ 59.62\\ 49.62\\ 46.00\\ 56.00\\ 56.00\\ 56.00\\ 56.00\\ 50.00\\ \end{array}$	30.09 42.79 36.10 24.31 37.53 19.87 25.12 34.83 29.73 22.78 25.51	0.11 0.11 0.11 0.12 0.12 0.13 0.13 0.18 0.18 0.21	$\begin{array}{c} 0.10\\ 0.10\\ 0.10\\ 0.10\\ 0.10\\ 0.10\\ 0.10\\ 0.10\\ 0.10\\ 0.10\\ 0.10\\ 0.10\\ 0.10\\ 0.10\\ 0.10\end{array}$	0.01 0.01 0.02 0.02 0.03 0.03 0.03 0.08 0.08	ÕP Äverage OP Äverage Average QP

