

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
Technical Division EMC Department
No. 53-11, Tin-Fu Tsun, Lin-Kou,
Taipei County, Taiwan, R.O.C.

Tel : (02) 2609-9301, 2609-2133
Fax: (02) 2609-9303

File Number : EM950830
Report Number : EM-F950224
Date of Test : Jun. 12 ~ 13, 2006
Date of Report : Jun. 20, 2006

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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 Power Supply (2)DC 3.7V via Battery or DC Power 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 20555 SH 249, HOUSTON, TX 77070-2698, U.S.A.
Manufacturer #1	:	LG Electronics Inc. 19-1, Cheongho-Ri, Jinwuy-Myeon, Pyungtaek-Si, Gyeonggi-Do, 451-713, Korea.
Manufacturer #2	:	LG Electronics (Kunshan) Computer Co., Ltd. Qianjindong Rd., Economic & Technical Development District, Kunshan City, Jiangsu Province 215334, China.
Wireless LAN Module (WLAN)	:	SyChip, M/N WLAN6101EB IEEE 802.11 b/g
Bluetooth Card	:	BROADCOM, M/N BCM2045
Fundamental Range	:	2400MHz ~ 2483.5MHz
Channel Number	:	WLAN: 11 Bluetooth: 79
Radio Technology	:	WLAN: 802.11b DSSS Modulation 802.11g OFDM Modulation Bluetooth: FHSS Modulation
Antenna Gain	:	WLAN: 2dBi Bluetooth: -3.64dBi

Data Sync Cable (USB Type)	:	(1)Dong Myung, Shielded, Detachable, 1.2m (2)Phihong, Shielded, Detachable, 1.2m
Rechargeable Battery Pack (Lithium-Ion Battery)	:	HP, M/N: HSTNH-S11B 3.7V 1200mAh
Earphone	:	Non-Shielded, Detachable, 1.5m
LCD panel	:	Hitachi, M/N: TX07D04VM0APB
Switching Power Supply (2-Pin)	:	Phihong, M/N: PSB05R-050Q Input: 100-240V~ 200mA, 50-60Hz, 12-17VA Output: 5V, 1A, BSMI ID: R33084
SD Memory Card (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 (LITE-ON, M/N PA-1650-02C) 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 Bonded two ferrite cores
AC Adapter	:	Delta, M/N ADP-40TB BSMI ID 3892D142 Cord: Shielded, Undetachable, 1.8m 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	:	Audix Corporation Technical Division EMC Department No. 53-11, Tin-Fu Tsun, Lin-Kou Hsiang, Taipei County 24443, Taiwan, R.O.C.
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Test Location & Facility (C4/Semi-AC)	:	No. 4 Shielded Room No. 67-4, Tin-Fu Tsun, Lin-Kou Hsiang, Taipei County 24443, Taiwan, R.O.C.
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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
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(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 (Distance: 10m)	30MHz~300MHz	±2.99dB
	300MHz~1000MHz	±2.73dB
Radiation Test (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

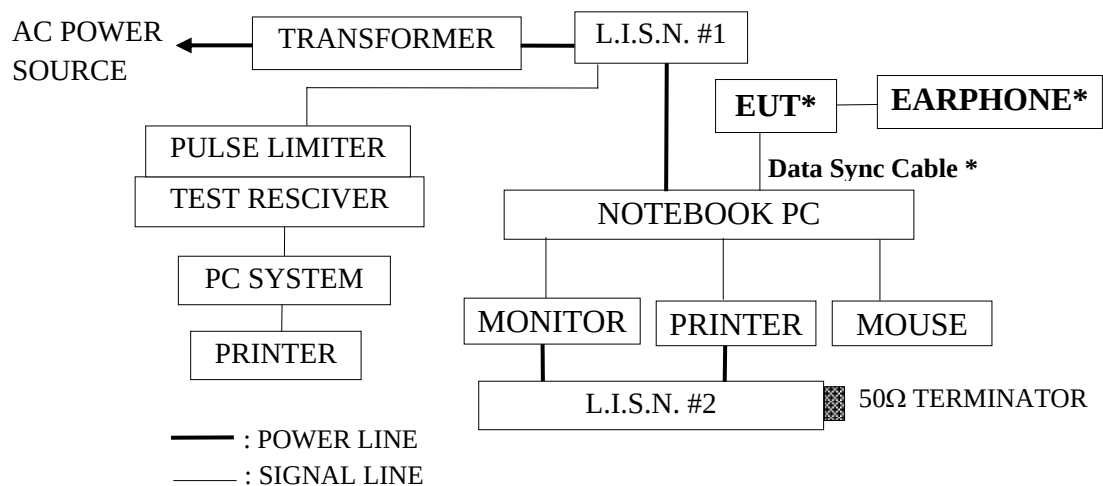
2.1. Test Equipment

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'

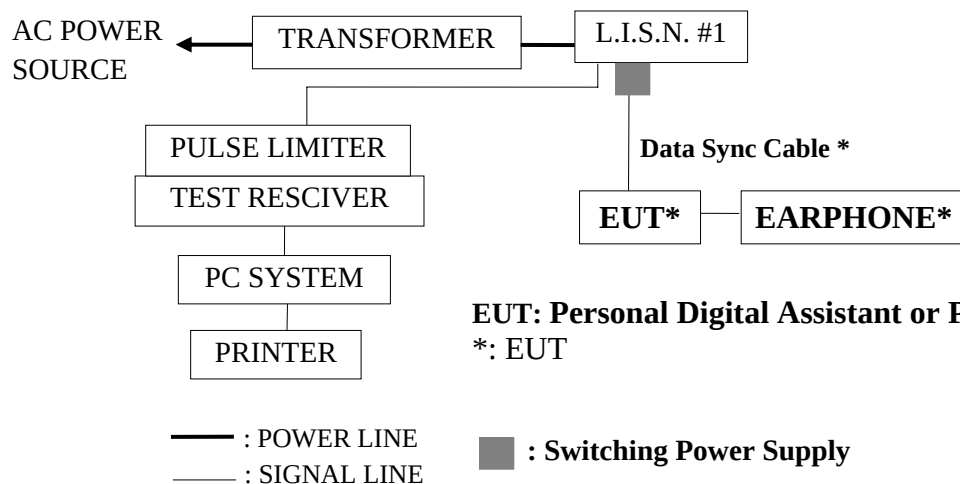
2.2. Block Diagram of Test Setup

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 μ V	56 ~ 46 dB μ V
500kHz ~ 5MHz	56 dB μ V	46 dB μ V
5MHz ~ 30MHz	60 dB μ V	50 dB μ 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.

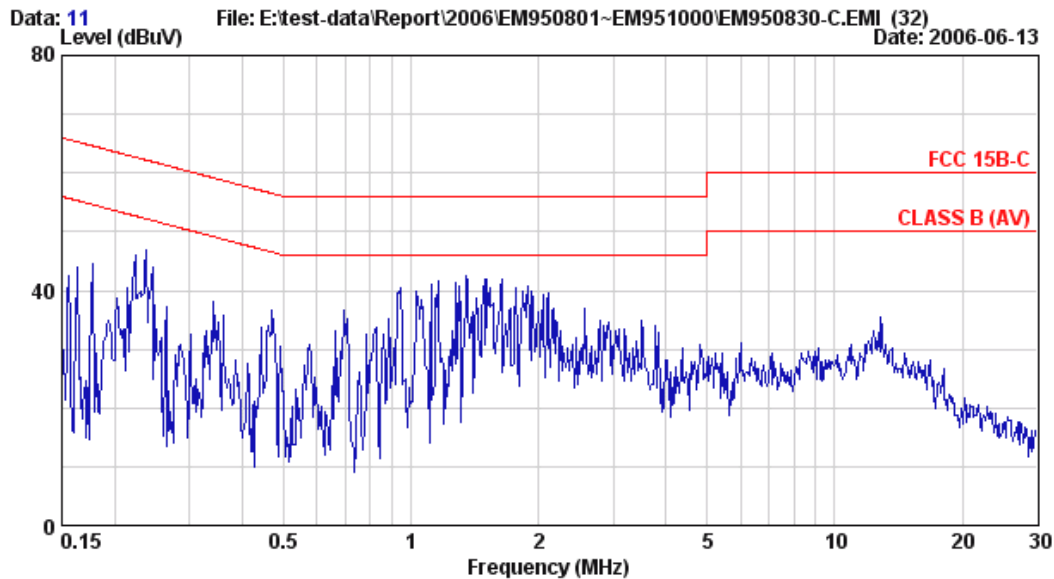
EUT : Personal Digital Assistant or Pocket PC M/N : HSTNH-L11C

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

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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



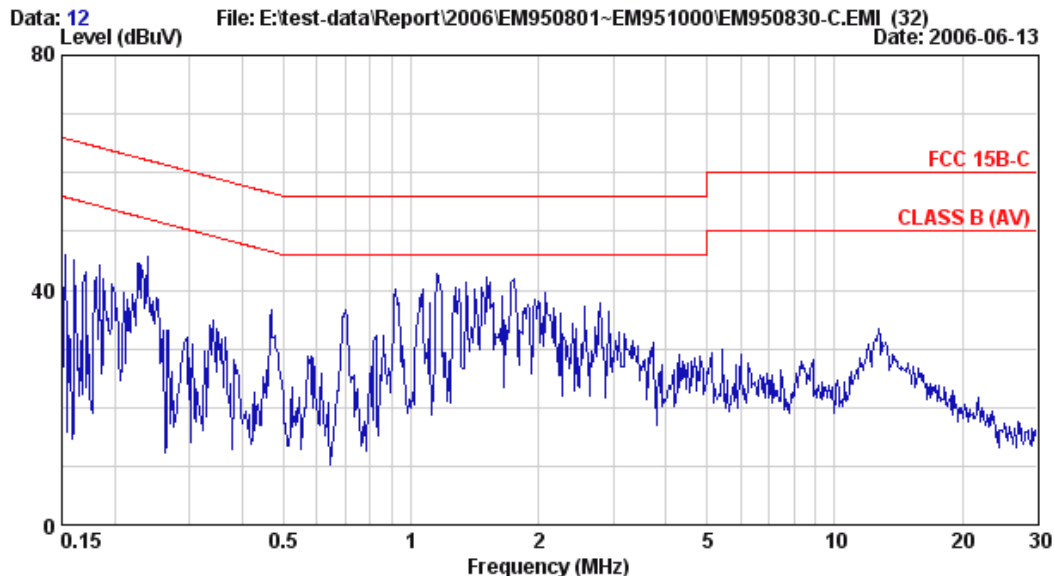
Site : NO.4 Shielded Room Data : 11
Condition : KMW-407 Phase : NEUTRAL
Limit : FCC 15B-C
Env. / Ins. : 25°C 73% / ESCS30 Engineer: Byron Wu
EUT : Pocket PC M/N:HSTNH-L11C
Power Rating : 120Vac/60Hz
Test Mode : LINK PC (W/Dong Myung Usb Cable)

		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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



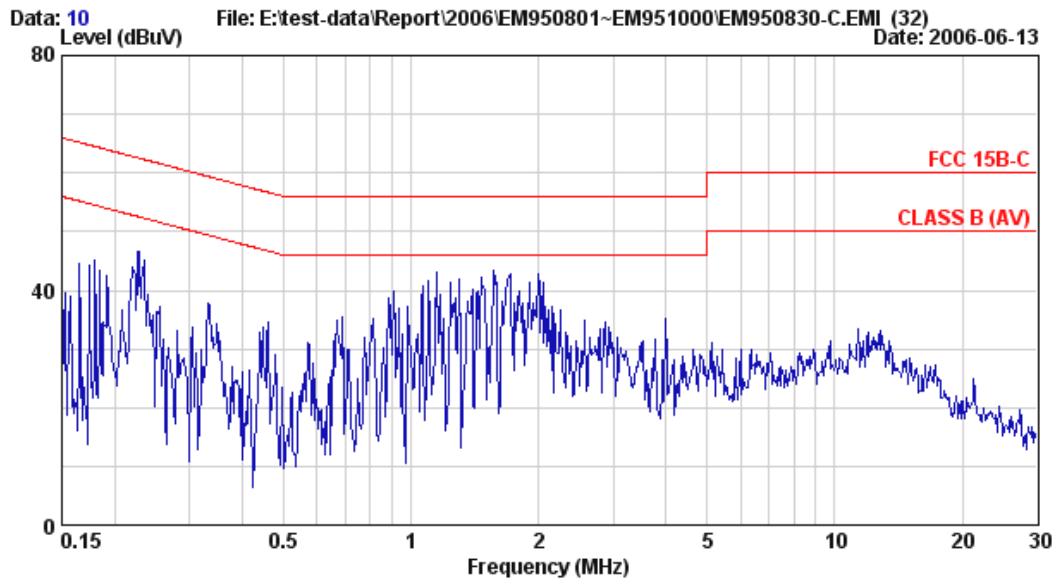
Site : NO.4 Shielded Room Data : 12
Condition : KMW-407 Phase : LINE
Limit : FCC 15B-C
Env. / Ins. : 25°C 73% / ESCS30 Engineer: Byron Wu
EUT : Pocket PC M/N:HSTNH-L11C
Power Rating : 120Vac/60Hz
Test Mode : LINK PC (W/Dong Myung Usb Cable)

		LISN	Cable		Emission			
	Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB)	(dB)	(dBuV)	(dBuV)	(dBuV)	(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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County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.com.tw



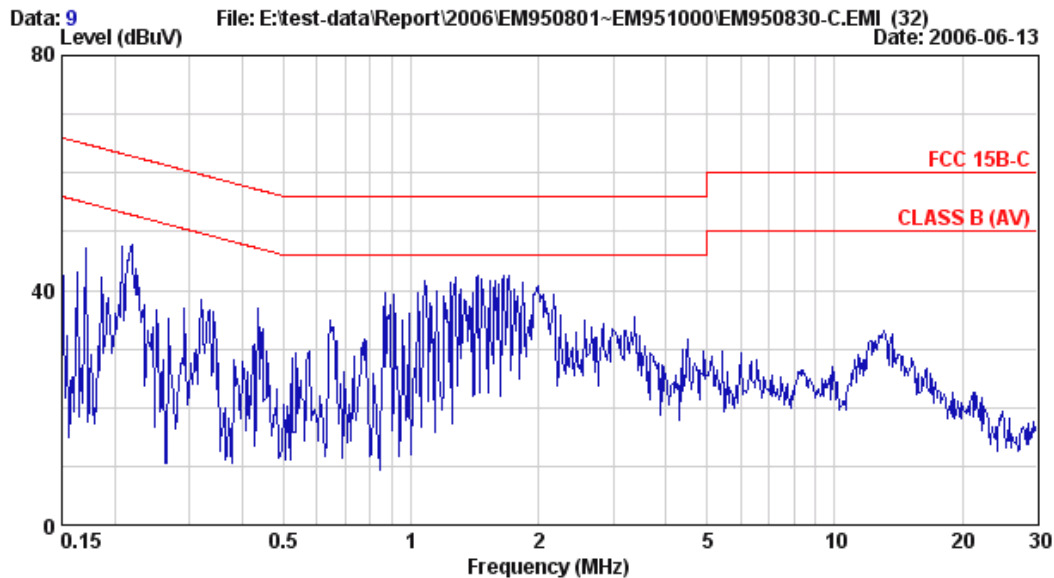
Site : NO.4 Shielded Room Data : 10
Condition : KMW-407 Phase : NEUTRAL
Limit : FCC 15B-C
Env. / Ins. : 25°C 73% / ESCS30 Engineer: Byron Wu
EUT : Pocket PC M/N:HSTNH-L11C
Power Rating : 120Vac/60Hz
Test Mode : LINK PC (W/PHIHONG Usb Cable)

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (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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Tel:+886-2-26092133 Fax:+886-2-26099303
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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)

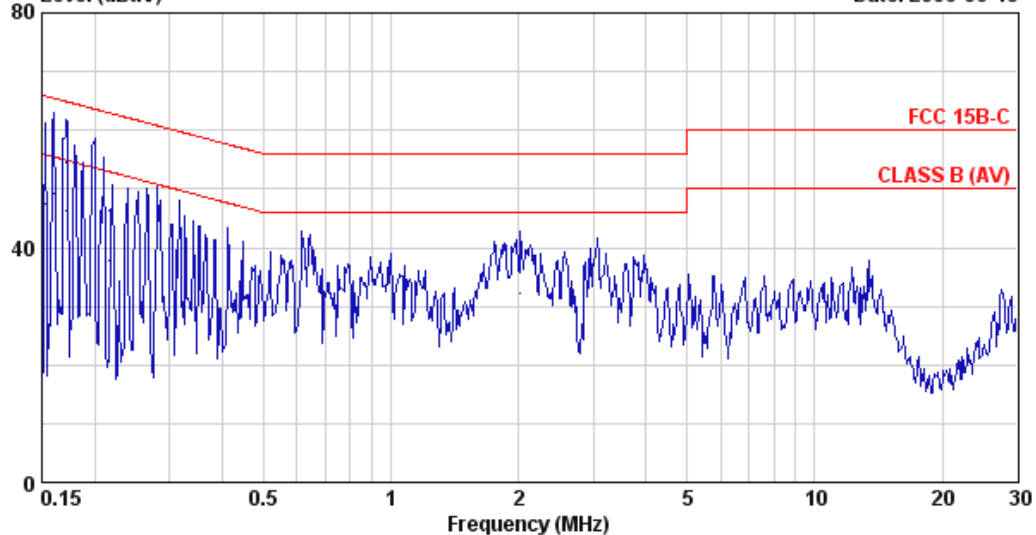
	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.170	0.26	0.20	46.64	47.09	64.94	17.85	QP
2	0.216	0.19	0.21	44.82	45.23	62.96	17.74	QP
3	1.077	0.10	0.41	39.43	39.94	56.00	16.06	QP
4	1.426	0.10	0.43	41.54	42.07	56.00	13.93	QP
5	1.689	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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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



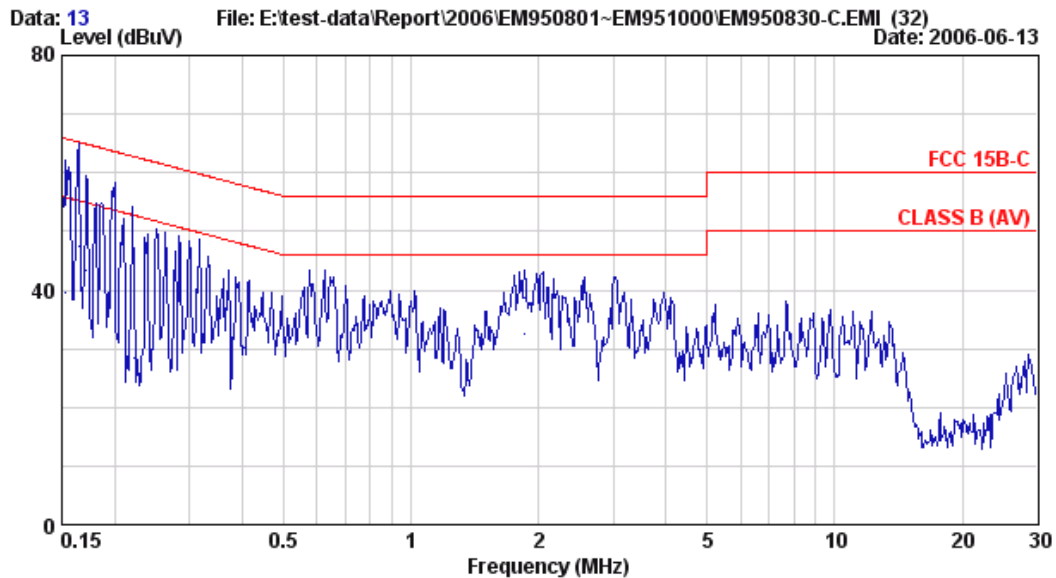
Site : NO.4 Shielded Room Data : 14
Condition : KMW-407 Phase : NEUTRAL
Limit : FCC 15B-C
Env. / Ins. : 25°C 73% / ESCS30 Engineer: Byron Wu
EUT : Pocket PC M/N:HSTNH-L11C
Power Rating : 120Vac/60Hz
Test Mode : Charge (W/Dong Myung Usb Cable)

		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	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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



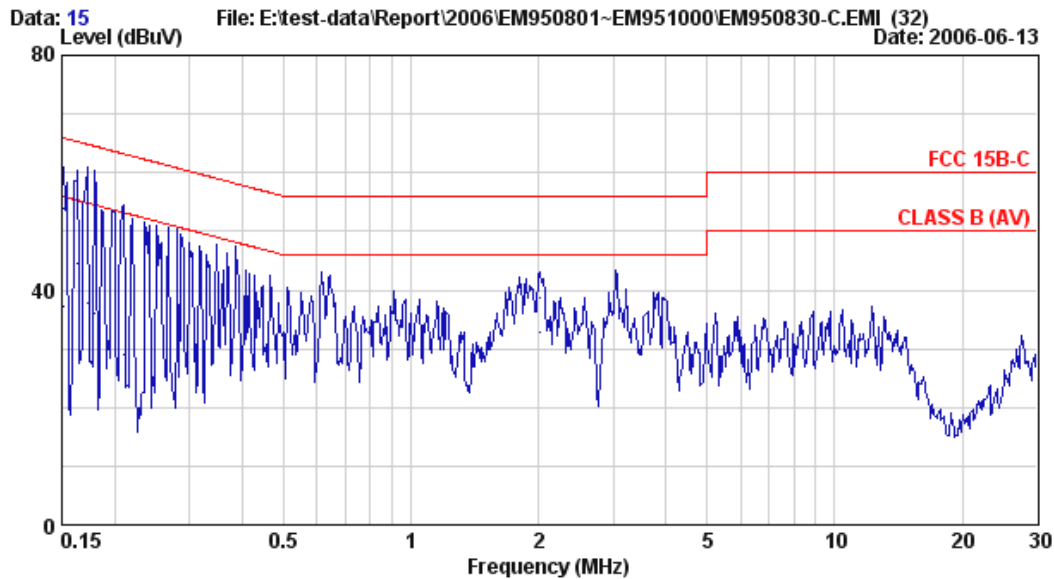
Site : NO.4 Shielded Room Data : 13
Condition : KMW-407 Phase : LINE
Limit : FCC 15B-C
Env. / Ins. : 25°C 73% / ESCS30 Engineer: Byron Wu
EUT : Pocket PC M/N:HSTNH-L11C
Power Rating : 120Vac/60Hz
Test Mode : Charge (W/Dong Myung Usb Cable)

	Freq. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



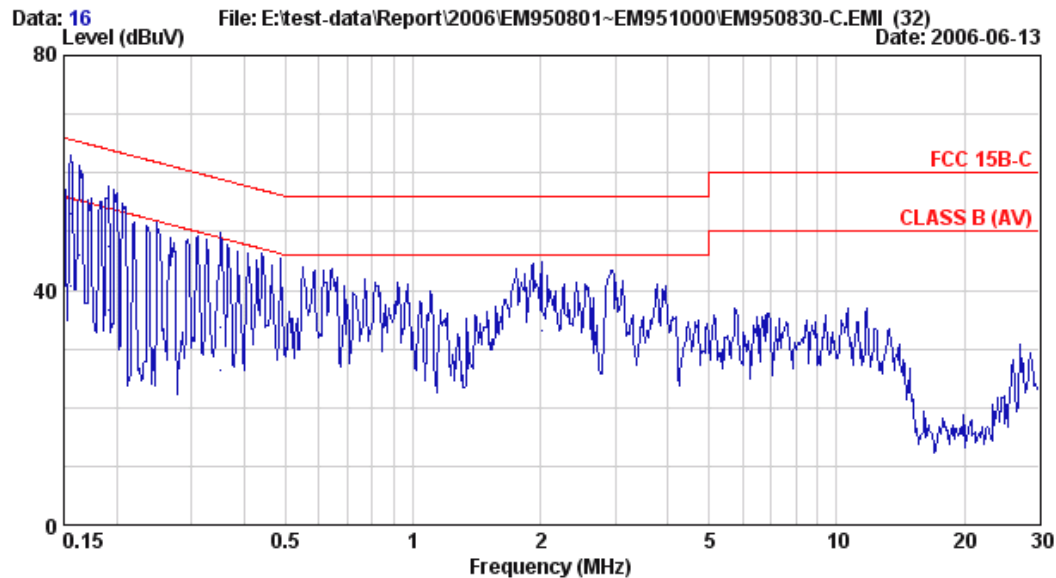
Site : NO.4 Shielded Room Data : 15
Condition : KMW-407 Phase : NEUTRAL
Limit : FCC 15B-C
Env. / Ins. : 25°C 73% / ESCS30 Engineer: Byron Wu
EUT : Pocket PC M/N:HSTNH-L11C
Power Rating : 120Vac/60Hz
Test Mode : Charge (W/PHIHONG Usb Cable)

	Freq.	LISN	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



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. (MHz)	LISN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (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)

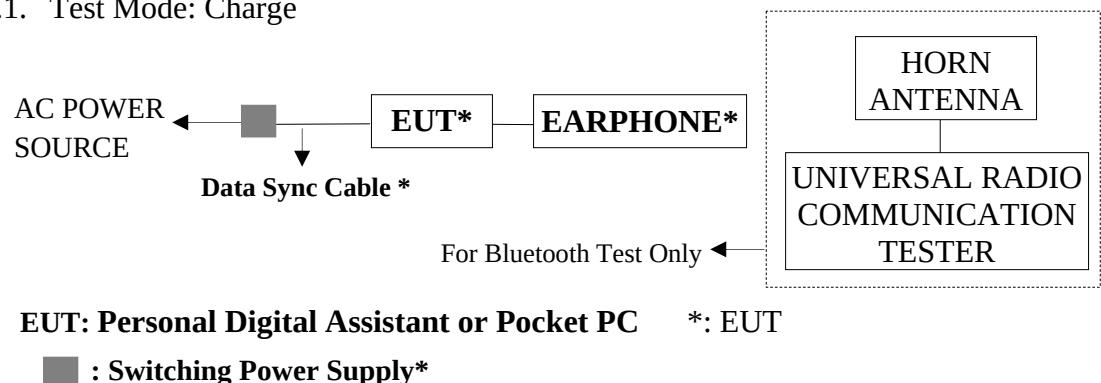
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	HP	8593EM	3826A00248	Sep.26, 05'	Sep.25, 06'
2.	Test Receiver	R & S	ESCS30	100339	Mar. 21, 06'	Mar. 20, 07'
3.	Pre-Amplifier	HP	8447D	2944A06305	Mar. 09, 06'	Mar. 08, 07'
4.	Biconical Antenna	CHASE	VBA6106A	1264	Nov.11, 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)

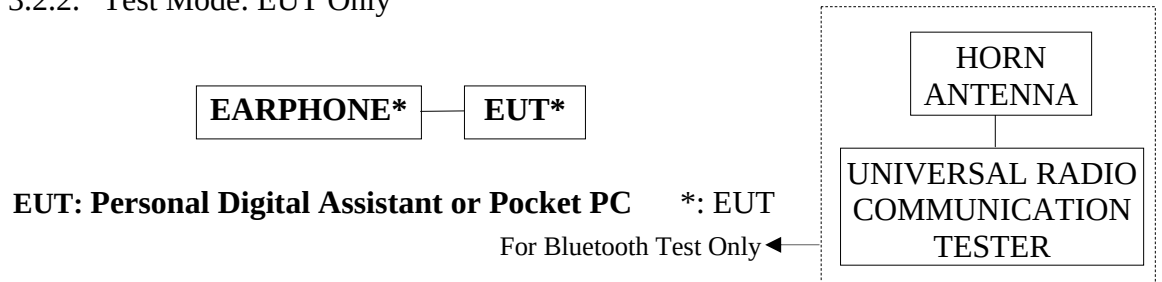
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	HP	8593EM	3826A00248	Sep. 26, 05'	Sep. 25, 06'
2.	Pre-Amplifier	HP	8449B	3008A01284	Jul. 05, 05'	Jul. 04, 06'
3.	3.5G High Pass Filter	HP	84300-80038	005	Jan. 11, 06'	Jan. 10, 07'
4.	Horn Antenna	EMCO	3115	9609-4927	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

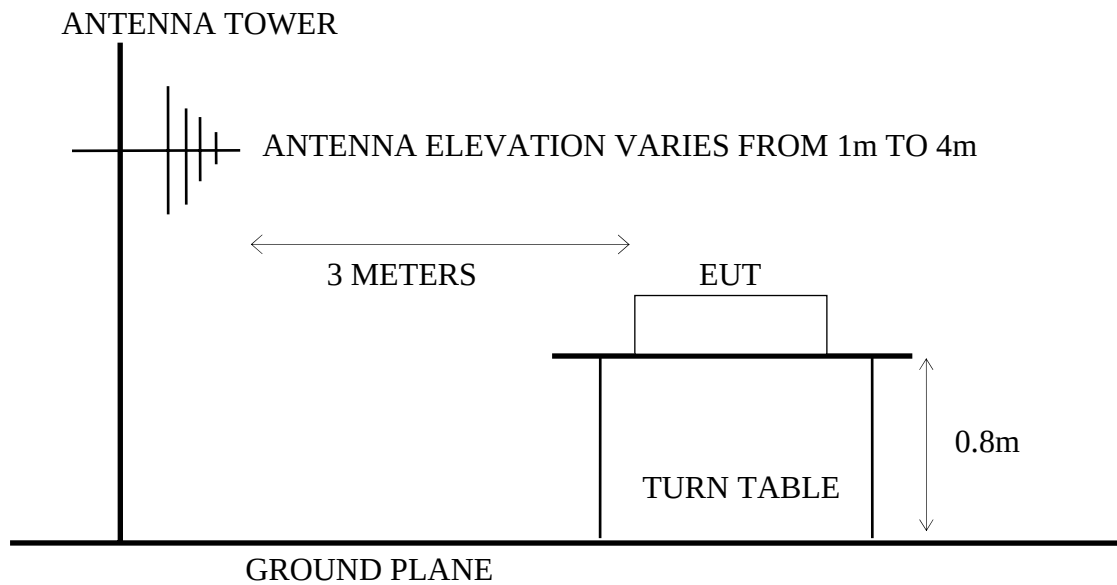
3.2.1. Test Mode: Charge



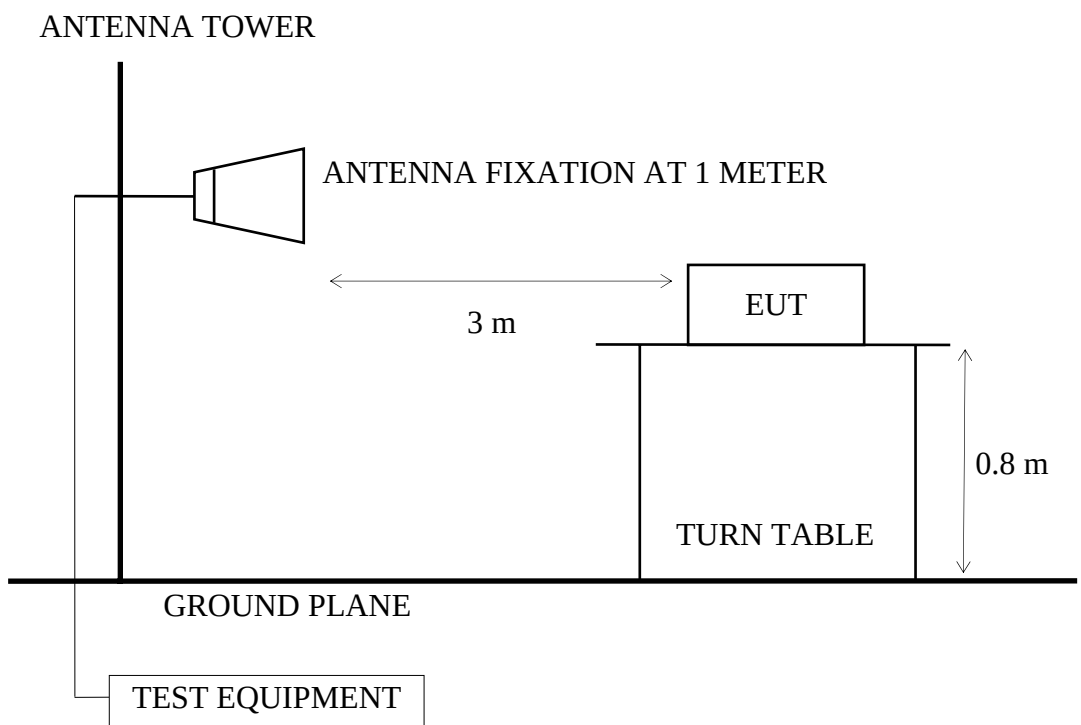
3.2.2. Test Mode: EUT Only



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 MHz	DISTANCE 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) 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 10th 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°C 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 (Via Switching Power Supply)	WLAN (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 (Via Battery)	WLAN (802.11b)	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 Cable(USB Type)	Reference Test Data No.		
						Horizontal	Vertical	
9.	AC 120V/60Hz (Via Switching Power Supply)	WLAN (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 (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 (Via Switching 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 (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 (Via Switching Power Supply)	WLAN (802.11b)	Transmitting	2412MHz (CH1)	Phihong
2.				2437MHz (CH6)	
3.				2462MHz (CH11)	
4.			Receiver	2437MHz (CH6)	
5.	DC 3.7V (Via Battery)		Transmitting	2412MHz (CH1)	
6.				2437MHz (CH6)	
7.				2462MHz (CH11)	
8.			Receiver	2437MHz (CH6)	
9.	AC 120V/60Hz (Via Switching Power Supply)	WLAN (802.11g)	Transmitting	2412MHz (CH1)	
10.				2437MHz (CH6)	
11.				2462MHz (CH11)	
12.			Receiver	2437MHz (CH6)	
13.	DC 3.7V (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 (Via Switching Power Supply)	Bluetooth	Transmitting	2402MHz (CH0)	Phihong
18.				2441MHz (CH39)	
19.				2480MHz (CH78)	
20.			Receiver	2480MHz (CH78)	
21.	DC 3.7V (Via Battery)			Transmitting	
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:

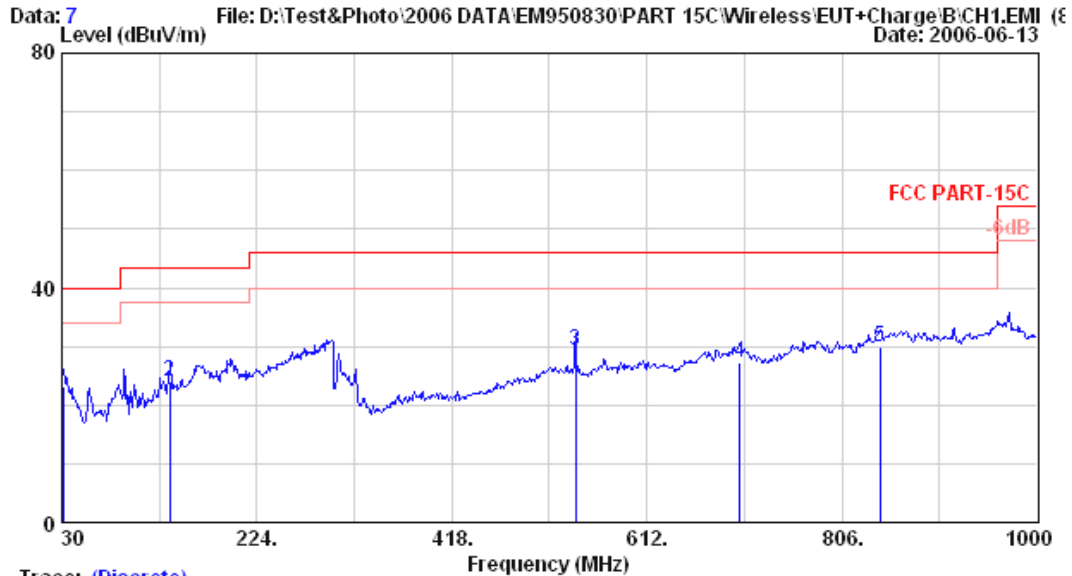
The EUT was tested in restricted bands and all the test results are listed in section 3.6.3. (The restricted bands defined in part 15.205(a))

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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



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

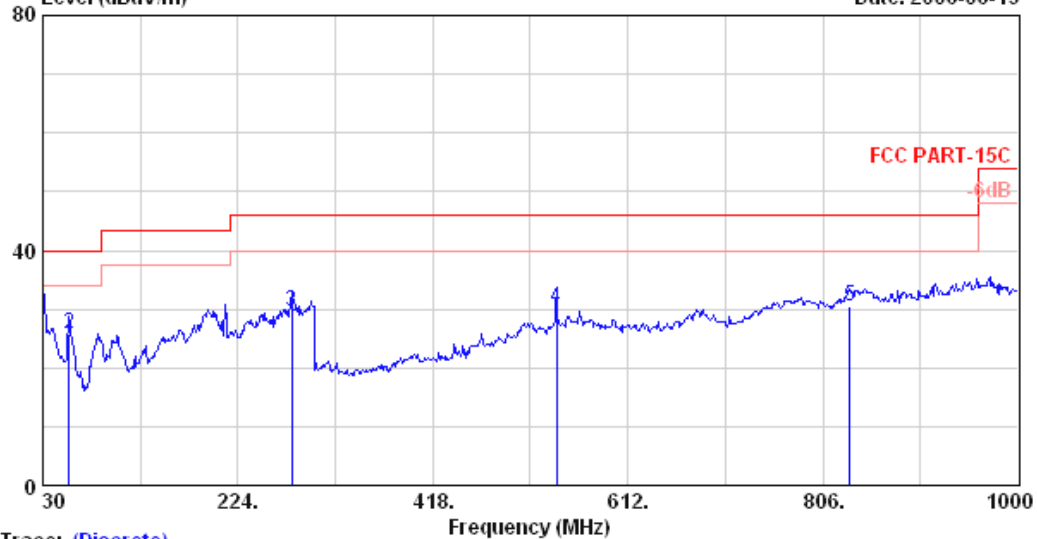
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	30.970	24.81	1.10	-2.71	23.20	40.00	16.80	
2	137.670	20.01	2.43	1.68	24.13	43.50	19.37	
3	541.190	19.25	7.01	2.91	29.17	46.00	16.83	
4	704.150	23.56	6.60	-2.84	27.32	46.00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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

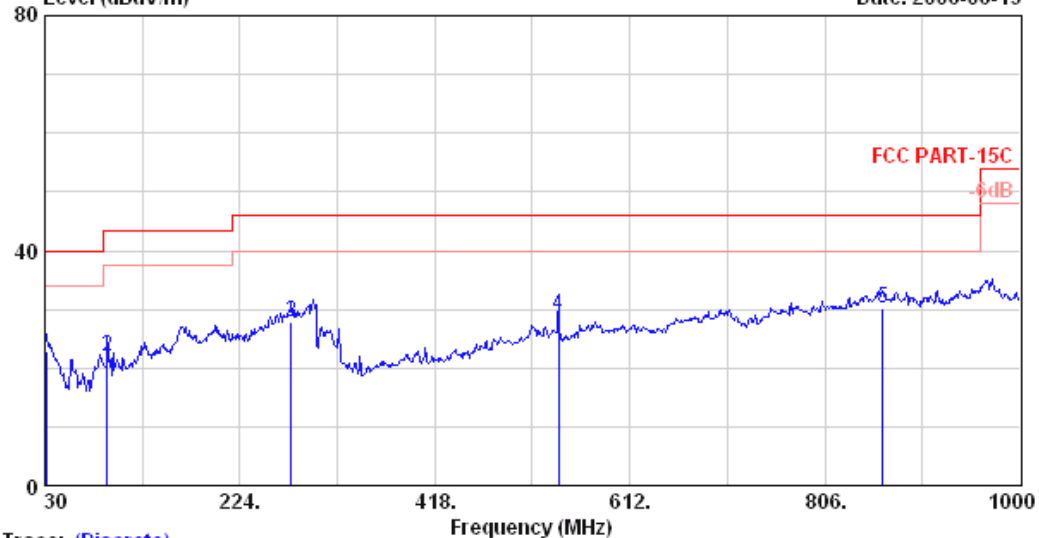
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	30.000	23.60	1.10	5.30	30.00	40.00	10.00	
2	56.190	14.21	1.60	9.90	25.71	40.00	14.29	
3	277.350	25.94	3.80	-0.01	29.73	46.00	16.27	
4	541.190	20.48	7.01	2.55	30.04	46.00	15.96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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

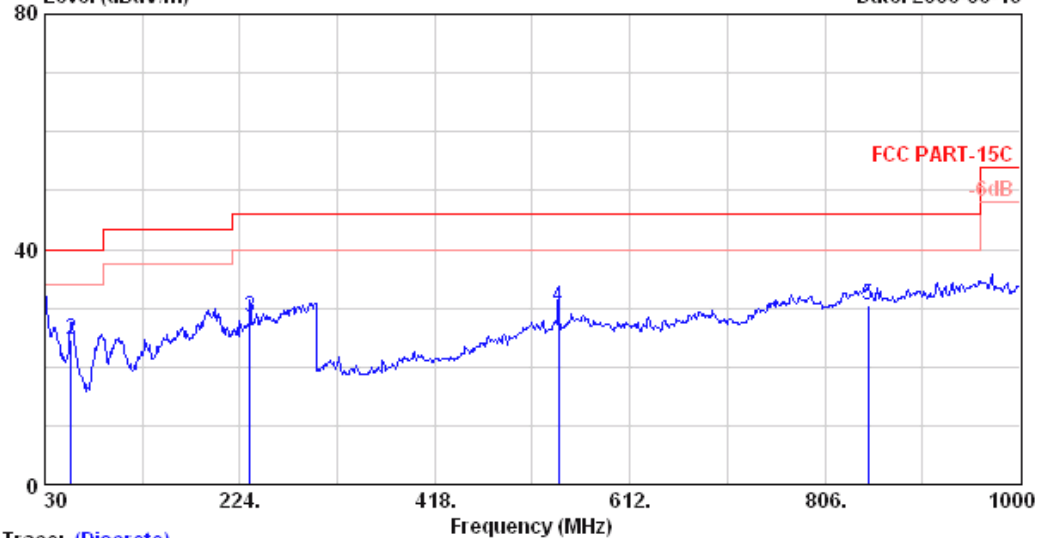
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	30.970	24.81	1.10	-3.05	22.86	40.00	17.14	
2	92.080	16.08	2.00	4.03	22.10	43.50	21.40	
3	275.410	25.25	3.70	-1.02	27.93	46.00	18.07	
4	541.190	19.25	7.01	2.90	29.16	46.00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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

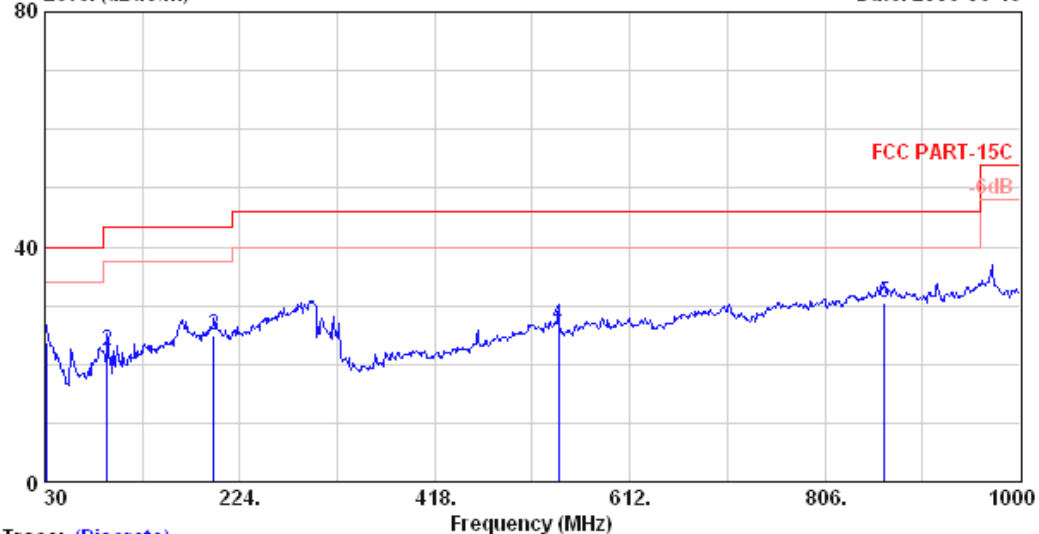
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	30.000	23.60	1.10	4.56	29.26	40.00	10.74	
2	56.190	14.21	1.60	8.87	24.68	40.00	15.32	
3	233.700	24.84	3.38	0.14	28.35	46.00	17.65	
4	541.190	20.48	7.01	2.64	30.13	46.00	15.87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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

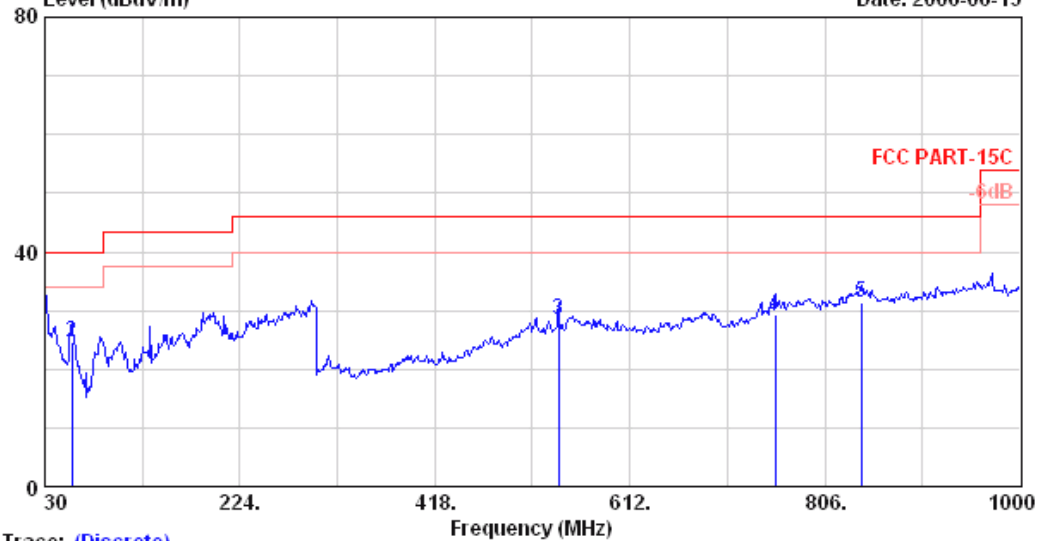
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	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	30.970	24.81	1.10	-2.24	23.67	40.00	16.33	
2	92.080	16.08	2.00	4.24	22.31	43.50	21.19	
3	197.810	22.02	3.00	-0.08	24.95	43.50	18.55	
4	541.190	19.25	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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
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



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(802.11b)		
	M/N:HSTNH-L11C		

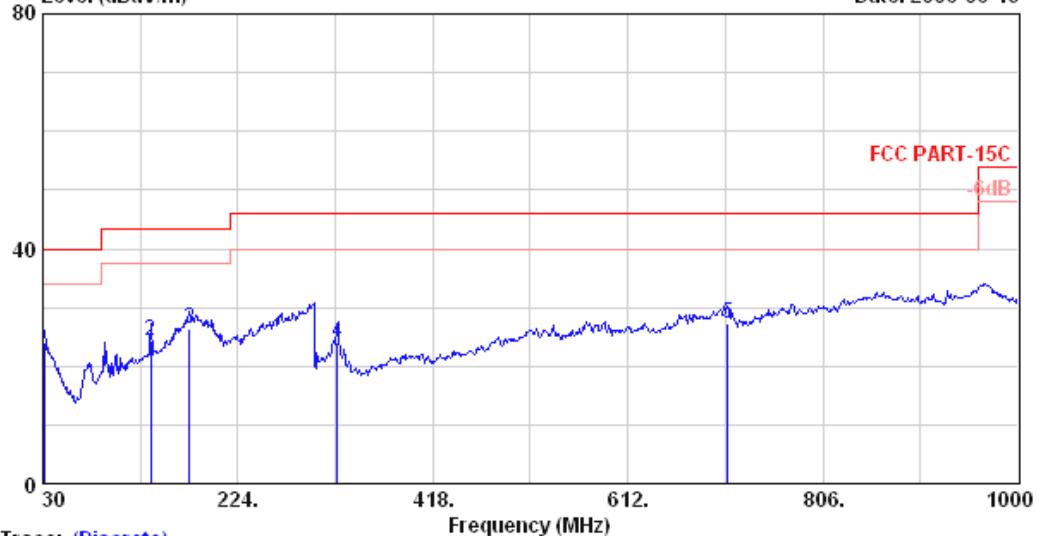
	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	30.000	23.60	1.10	5.23	29.93	40.00	10.07	
2	57.160	14.00	1.60	9.16	24.76	40.00	15.24	
3	541.190	20.48	7.01	0.83	28.32	46.00	17.68	
4	756.530	24.76	6.73	-2.16	29.33	46.00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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 7 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. : 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

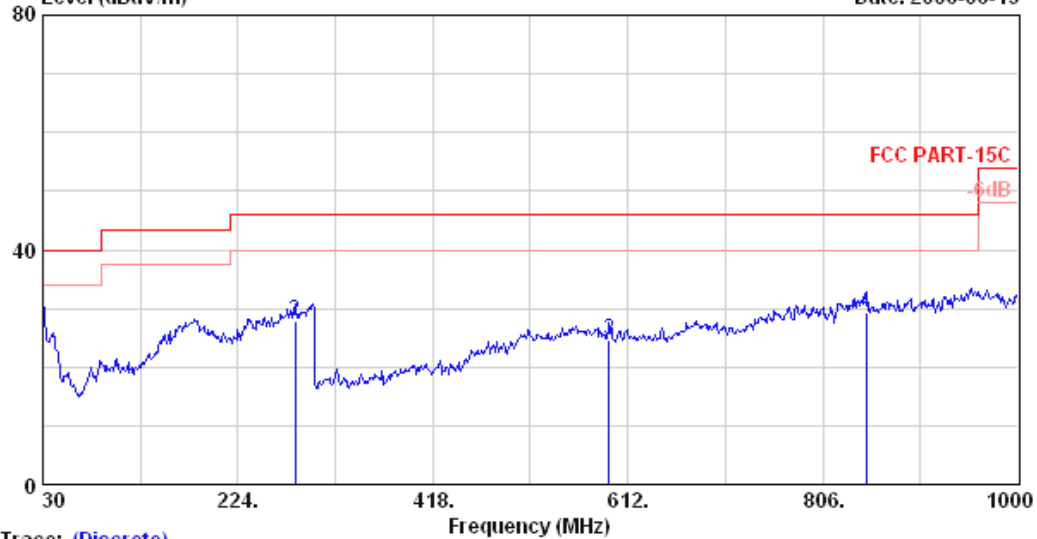
	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	30.970	24.81	1.10	-1.96	23.95	40.00	16.05	
2	137.670	20.01	2.43	1.89	24.34	43.50	19.16	
3	175.500	21.19	2.89	2.24	26.32	43.50	17.18	
4	322.940	15.08	4.15	4.80	24.03	46.00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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

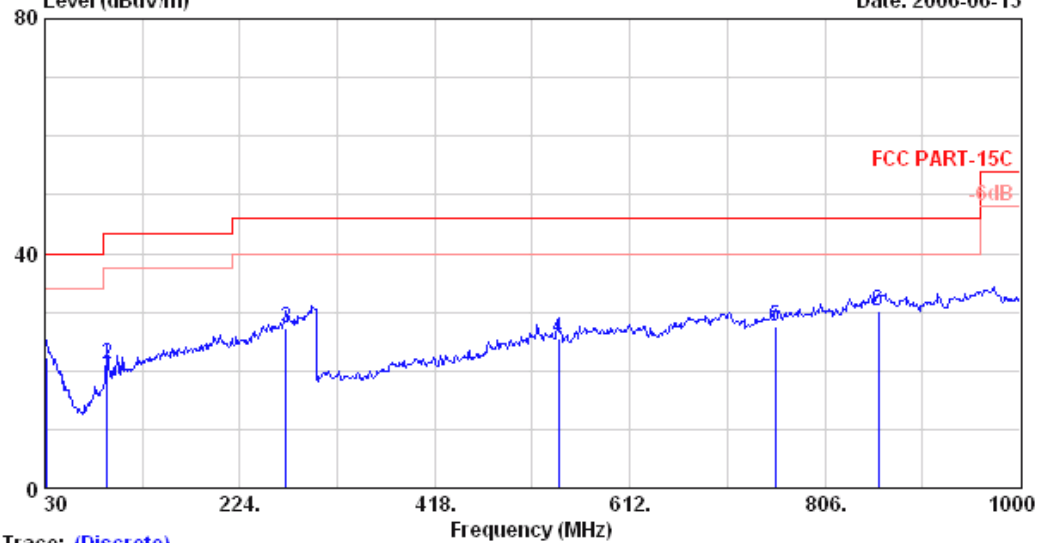
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	30.000	23.60	1.10	2.58	27.28	40.00	12.72	
2	281.230	26.52	3.80	-2.48	27.83	46.00	18.17	
3	593.570	21.51	6.20	-3.16	24.54	46.00	21.46	
4	848.680	26.54	7.10	-4.36	29.28	46.00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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

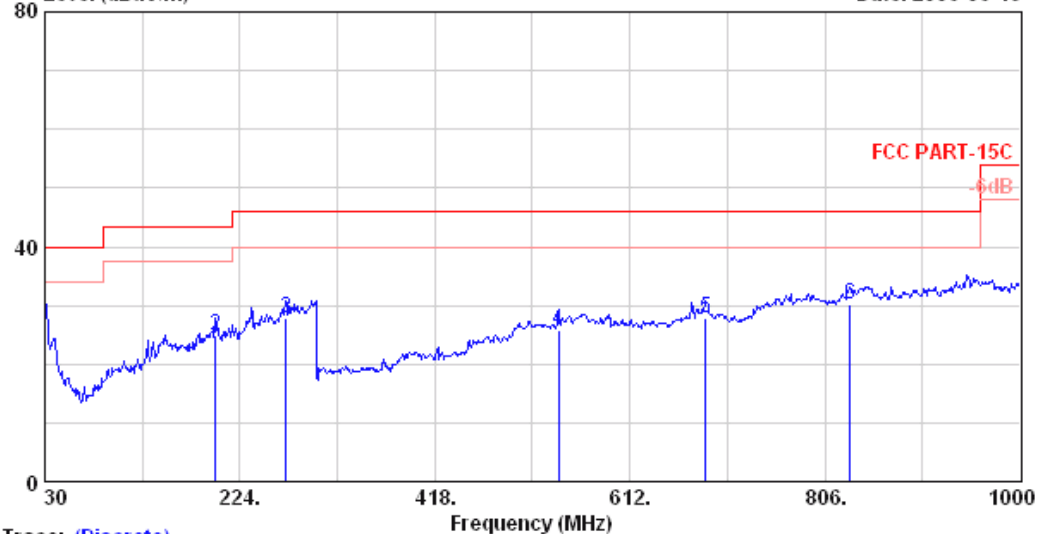
	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBμV)	(dBμV/m)	(dBμV/m)	(dB)	
1	30.970	24.81	1.10	-3.60	22.31	40.00	17.69	
2	92.080	16.08	2.00	3.15	21.22	43.50	22.28	
3	269.590	24.92	3.70	-1.48	27.14	46.00	18.86	
4	541.190	19.25	7.01	-0.79	25.47	46.00	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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 7 File: D:\Test&Photo\2006 DATA\EM950830(PDA)\PART 15C\Wireless\EUT Only\B\CH1.EMI Date: 2006-06-13



Trace: (Discrete)

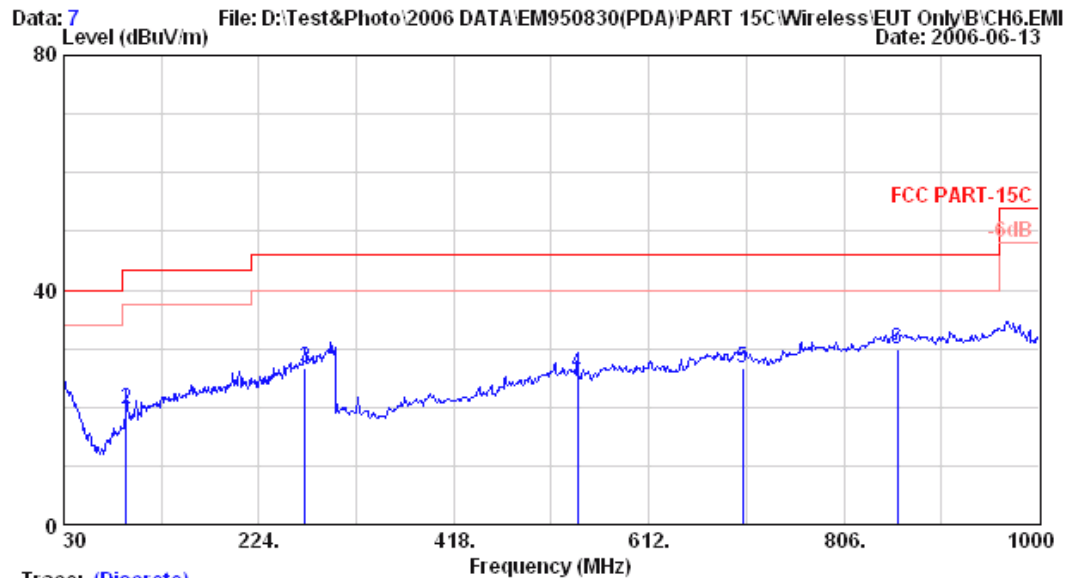
Site no. : A/C Chamber Data no. : 7
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL
Limit : FCC PART-15C
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin_Yang
EUT : Personal Digital Assistant or Pocket PC
Power Rating : DC 3.7V
Test Mode : CH1(802.11b)
M/N:HSTNH-L11C

	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	3.08	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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



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

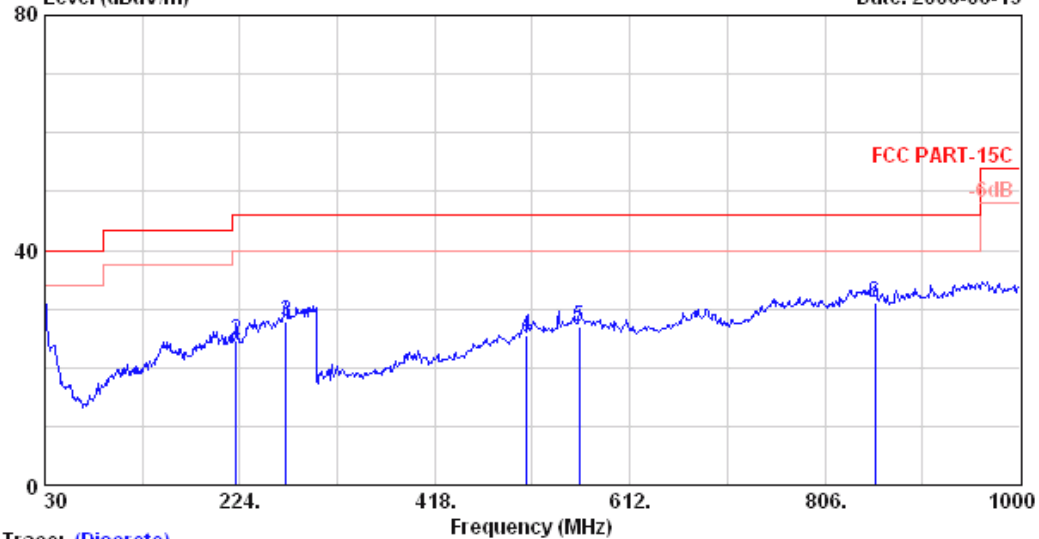
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	30.000	24.86	1.10	-4.34	21.62	40.00	18.38	
2	92.080	16.08	2.00	1.69	19.76	43.50	23.74	
3	269.590	24.92	3.70	-1.81	26.81	46.00	19.19	
4	541.190	19.25	7.01	-0.60	25.66	46.00	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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 8 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.	: 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		

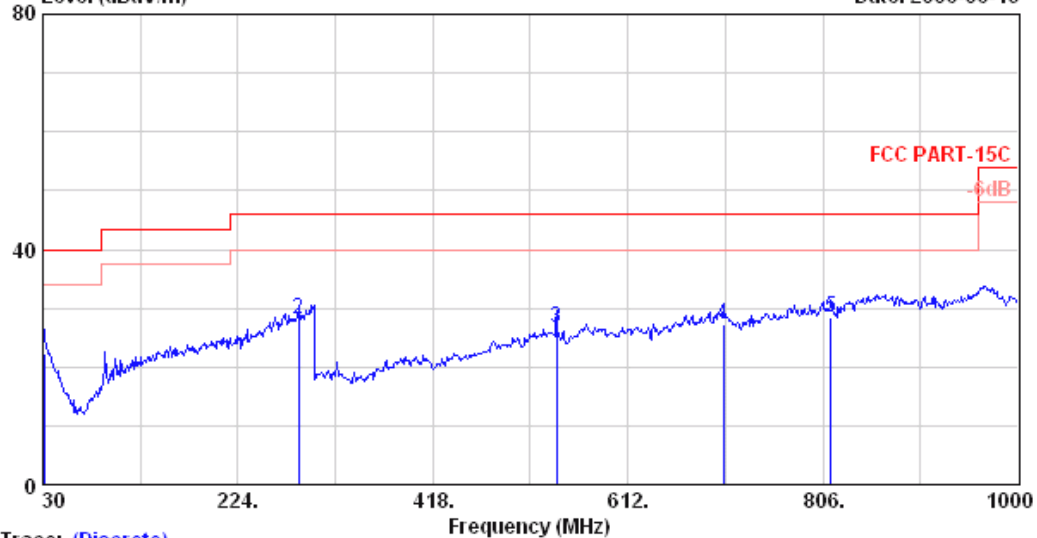
	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	30.000	23.60	1.10	3.53	28.23	40.00	11.77	
2	220.120	22.46	3.30	-1.10	24.66	46.00	21.34	
3	269.590	25.91	3.70	-1.64	27.96	46.00	18.04	
4	509.180	20.72	6.80	-2.16	25.36	46.00	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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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		

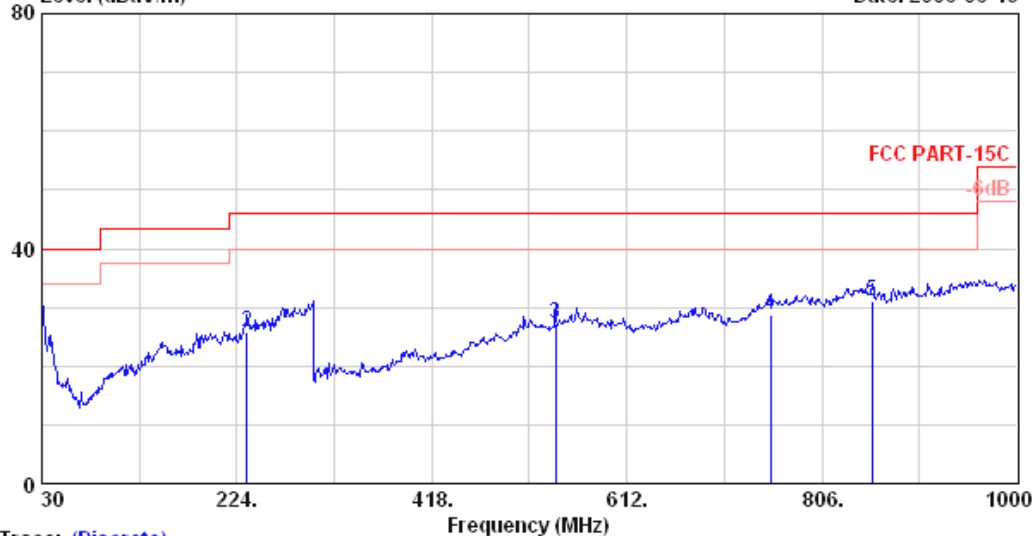
	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	30.970	24.81	1.10	-3.61	22.30	40.00	17.70	
2	284.140	25.51	3.80	-1.12	28.18	46.00	17.82	
3	541.190	19.25	7.01	0.47	26.73	46.00	19.27	
4	707.060	23.55	6.60	-2.92	27.23	46.00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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 7 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. : 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

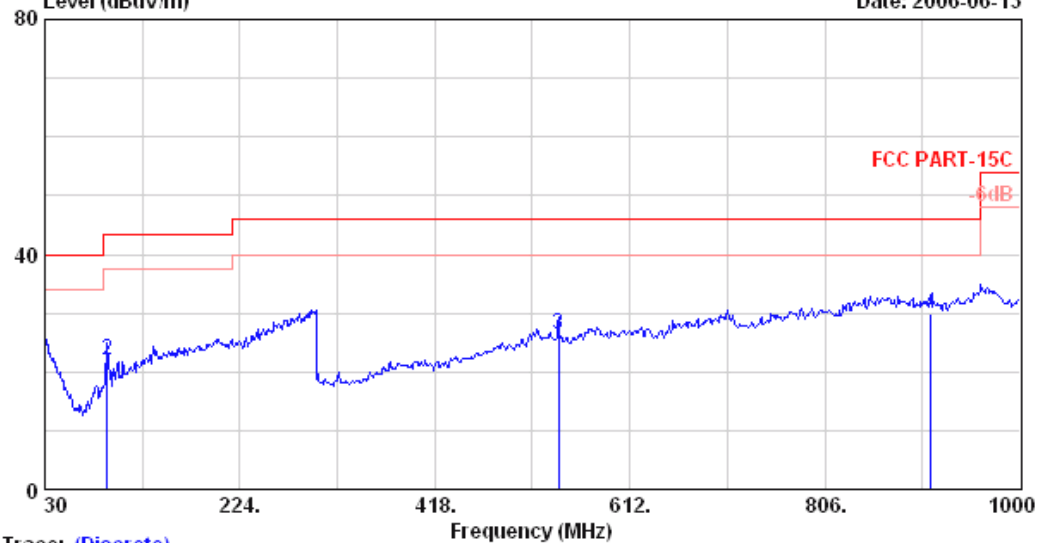
		Ant.	Cable		Emission			
	Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	30.000	23.60	1.10	3.20	27.90	40.00	12.10	
2	233.700	24.84	3.38	-2.48	25.73	46.00	20.27	
3	541.190	20.48	7.01	-0.14	27.35	46.00	18.65	
4	754.590	24.69	6.70	-2.72	28.67	46.00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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

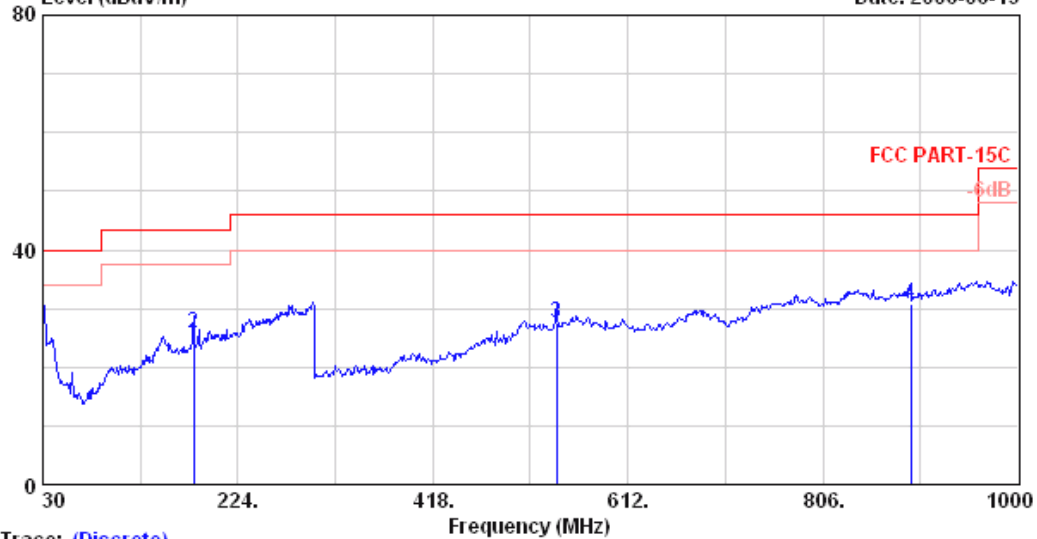
		Ant.	Cable		Emission		
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
(MHz)	(dB/m)	(dB)	(dBμV)	(dBμV/m)	(dBμV/m)	(dB)	
1	30.000	24.86	1.10	-3.07	22.89	40.00	17.11
2	92.080	16.08	2.00	3.80	21.87	43.50	21.63
3	541.190	19.25	7.01	0.13	26.39	46.00	19.61
4	911.730	24.99	7.40	-2.45	29.94	46.00	16.06

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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

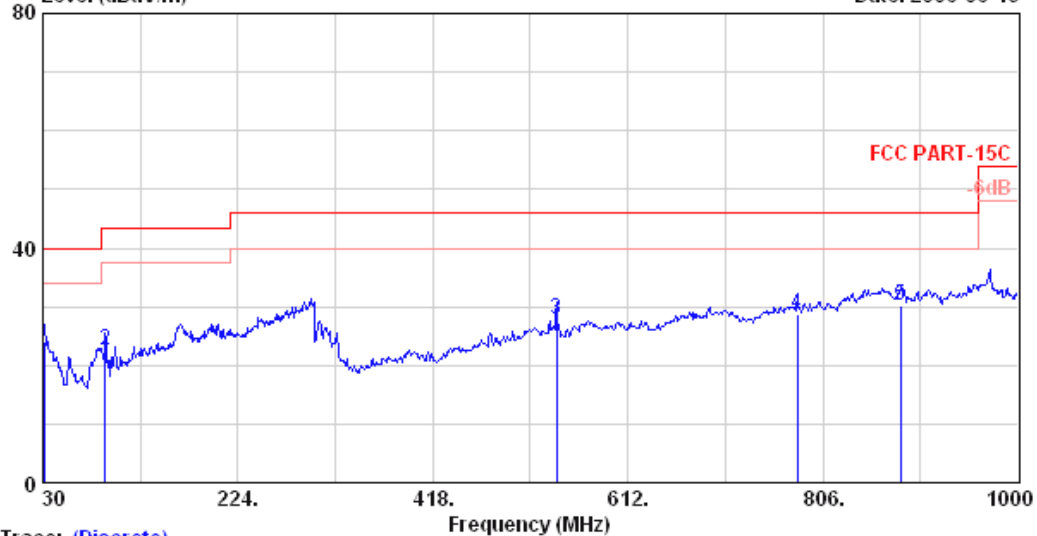
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBμV)	(dBμV/m)	(dBμV/m)	(dB)		
1	30.000	23.60	1.10	3.34	28.04	40.00	11.96	
2	180.350	21.28	2.90	1.51	25.69	43.50	17.81	
3	541.190	20.48	7.01	0.19	27.68	46.00	18.32	
4	893.300	25.85	7.30	-2.46	30.70	46.00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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 8 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. : 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

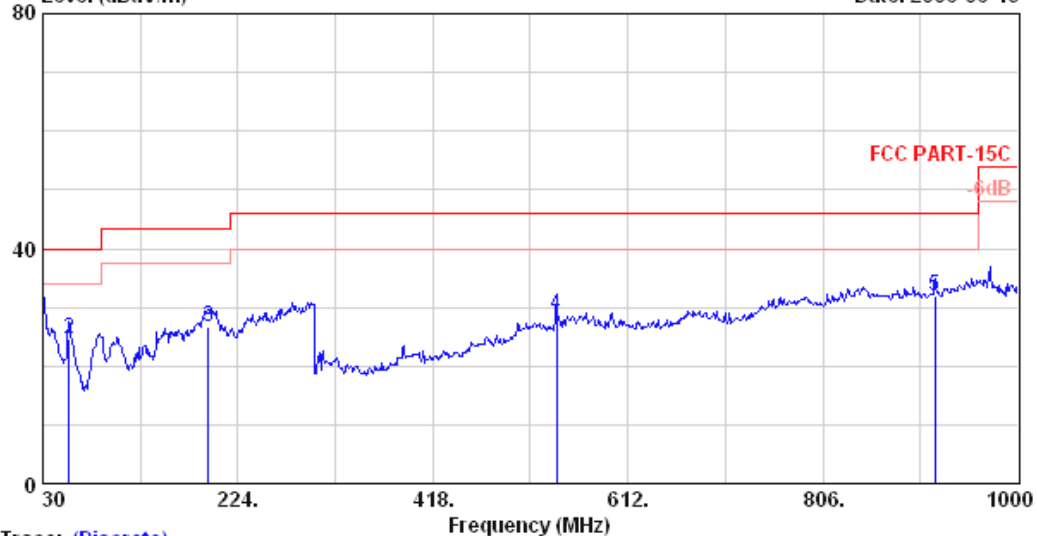
	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	30.970	24.81	1.10	-1.86	24.05	40.00	15.95	
2	92.080	16.08	2.00	4.35	22.42	43.50	21.08	
3	541.190	19.25	7.01	1.56	27.82	46.00	18.18	
4	780.780	24.11	6.80	-2.12	28.79	46.00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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 7 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. : 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

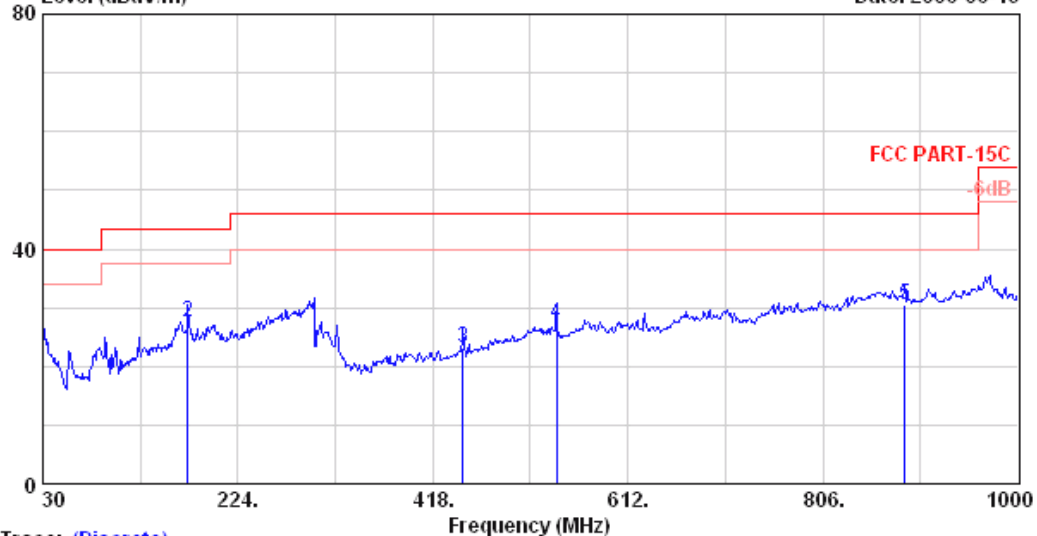
	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	30.000	23.60	1.10	4.30	29.00	40.00	11.00	
2	56.190	14.21	1.60	8.87	24.68	40.00	15.32	
3	194.900	22.42	3.00	1.17	26.59	43.50	16.91	
4	541.190	20.48	7.01	1.10	28.59	46.00	17.41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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

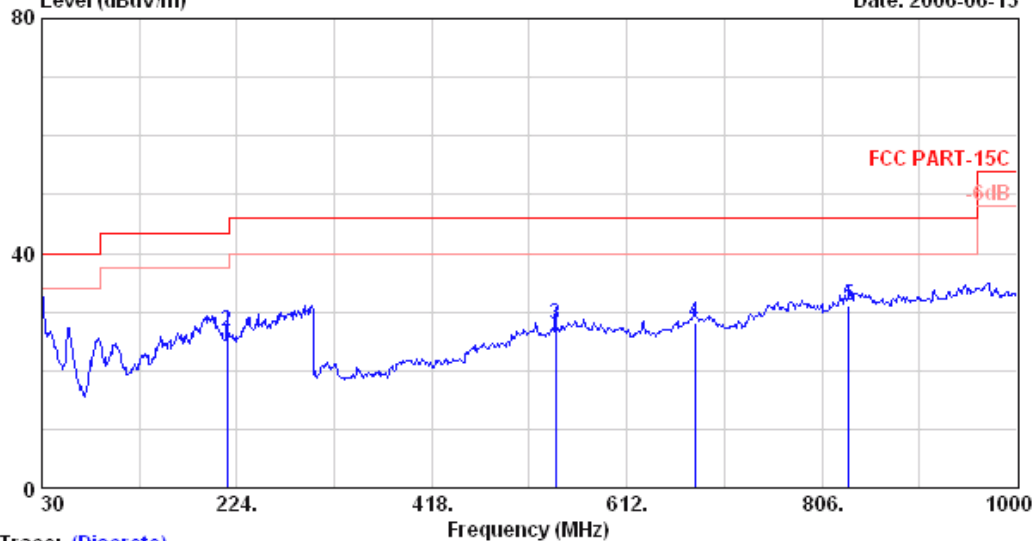
	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	30.000	24.86	1.10	-2.40	23.56	40.00	16.44	
2	174.530	21.13	2.85	3.51	27.50	43.50	16.00	
3	448.070	17.63	5.40	0.22	23.25	46.00	22.75	
4	541.190	19.25	7.01	1.09	27.35	46.00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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
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

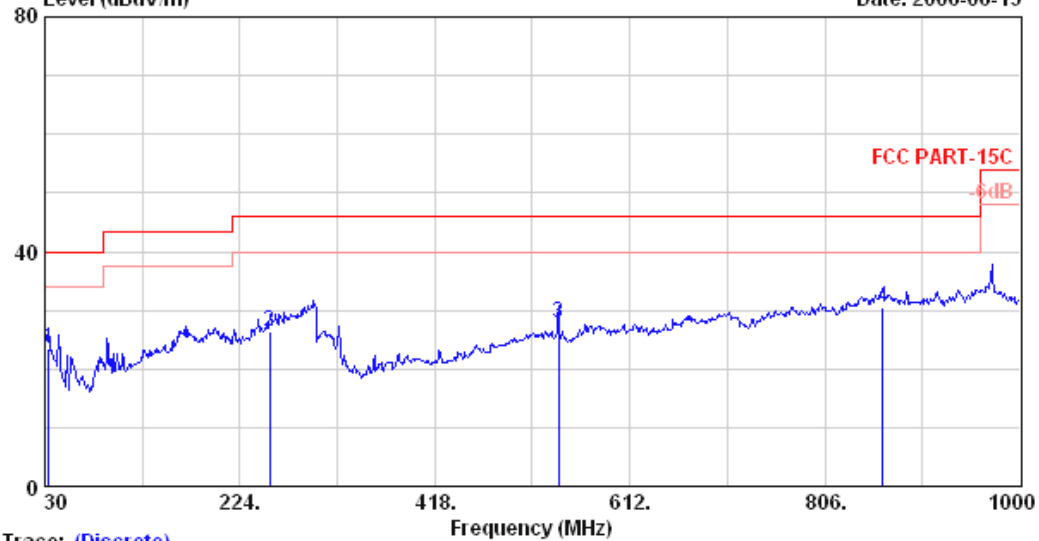
	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	30.000	23.60	1.10	5.37	30.07	40.00	9.93	
2	214.300	22.50	3.11	1.17	26.78	43.50	16.72	
3	541.190	20.48	7.01	0.39	27.88	46.00	18.12	
4	679.900	23.52	6.40	-1.92	27.99	46.00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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

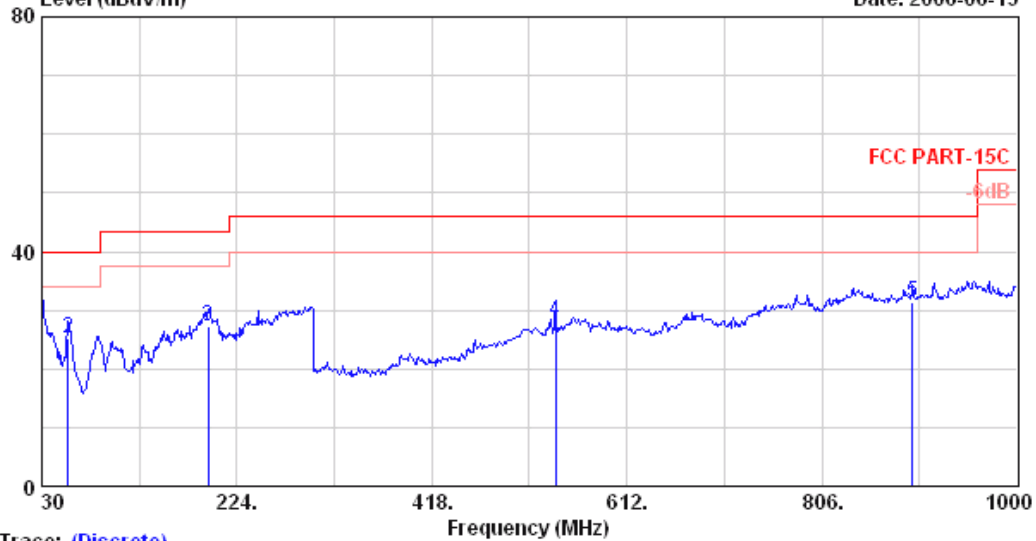
	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBμV)	(dBμV/m)	(dBμV/m)	(dB)	
1	33.880	23.12	1.10	-0.76	23.46	40.00	16.54	
2	254.070	24.13	3.60	-1.42	26.31	46.00	19.69	
3	541.190	19.25	7.01	1.46	27.72	46.00	18.28	
4	863.230	26.09	7.20	-2.95	30.34	46.00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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

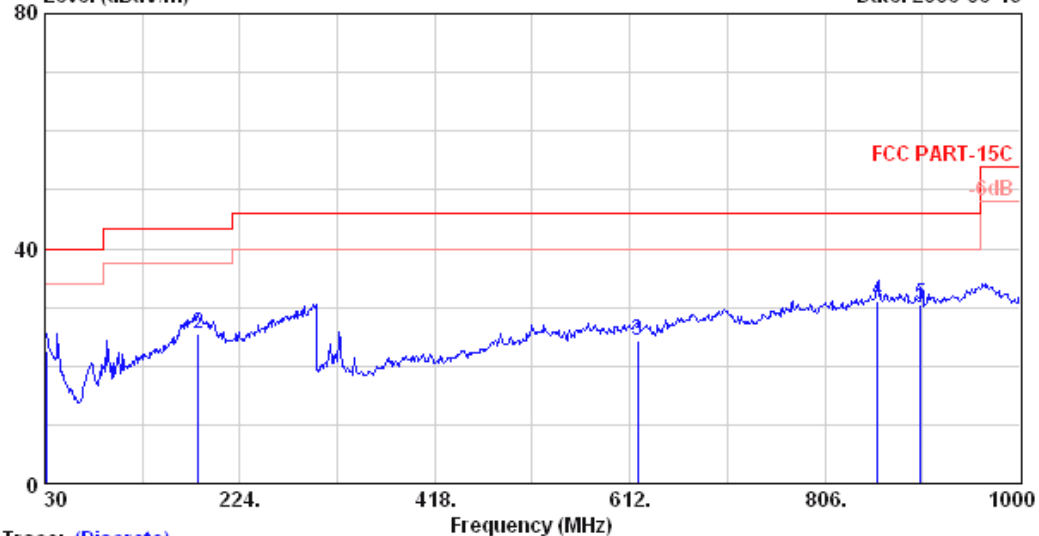
		Ant.	Cable		Emission		
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
(MHz)	(dB/m)	(dB)	(dBμV)	(dBμV/m)	(dBμV/m)	(dB)	
1	30.000	23.60	1.10	4.19	28.89	40.00	11.11
2	56.190	14.21	1.60	9.33	25.14	40.00	14.86
3	195.870	22.50	3.00	1.74	27.24	43.50	16.26
4	541.190	20.48	7.01	0.65	28.14	46.00	17.86
5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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

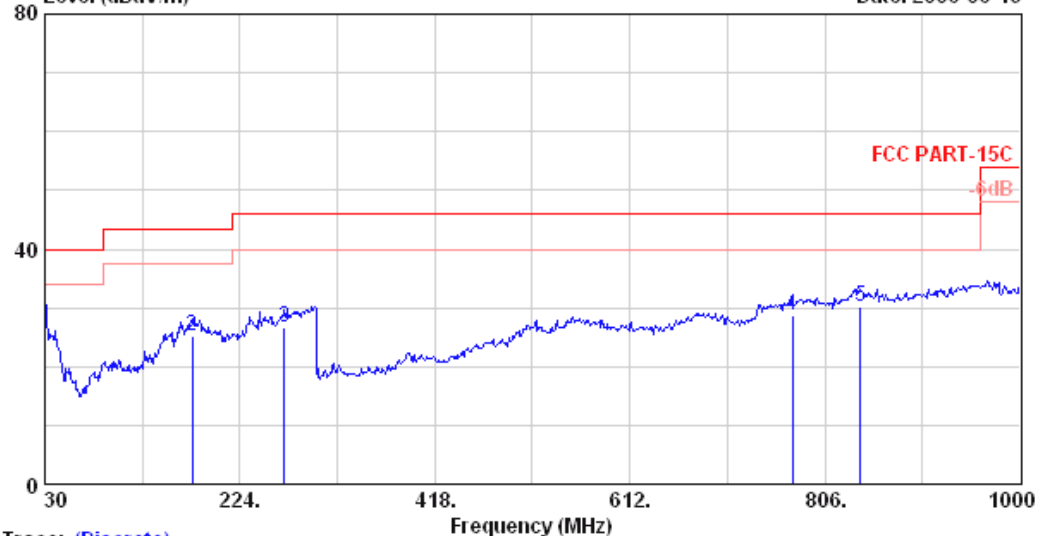
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	30.970	24.81	1.10	-3.27	22.64	40.00	17.36	
2	182.290	21.33	2.90	1.39	25.61	43.50	17.89	
3	619.760	21.35	6.20	-3.12	24.43	46.00	21.57	
4	858.380	25.98	7.20	-2.06	31.11	46.00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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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



Trace: (Discrete)

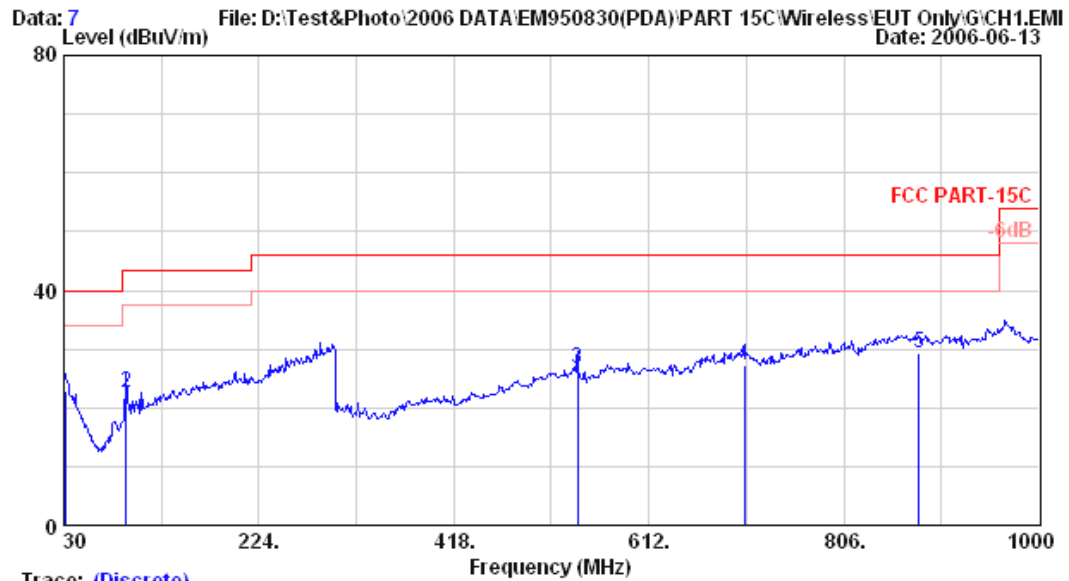
Site no. : A/C Chamber Data no. : 7
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL
Limit : FCC PART-15C
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin_Yang
EUT : Personal Digital Assistant or Pocket PC
Power Rating : 120Vac/60Hz
Test Mode : RX CH6(802.11g)
M/N:HSTNH-L11C

	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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



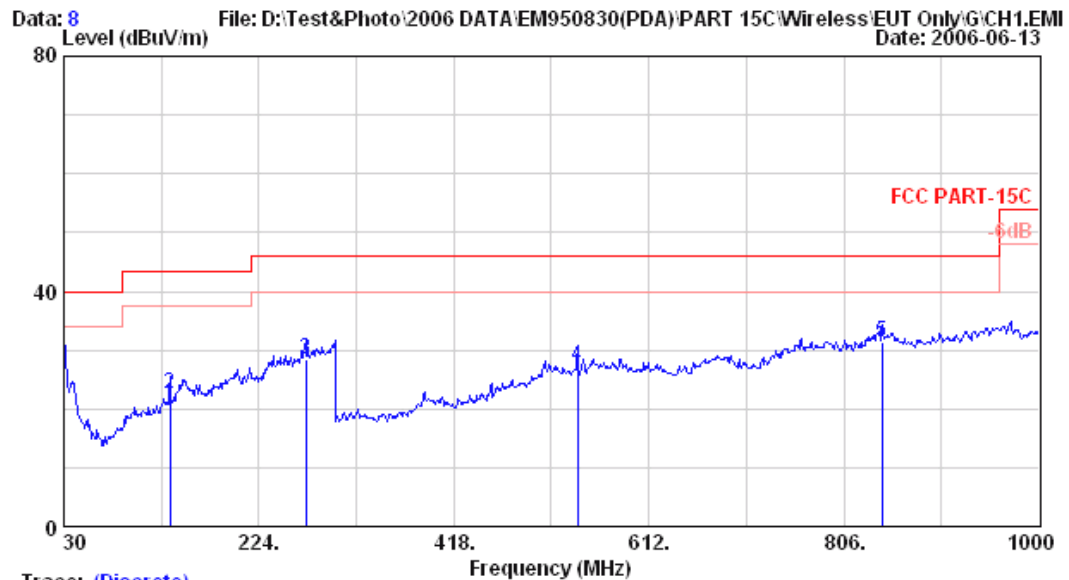
Site no. : A/C Chamber Data no. : 7
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL
Limit : FCC PART-15C
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin_Yang
EUT : Personal Digital Assistant or Pocket PC
Power Rating : DC 3.7V
Test Mode : CH1(802.11g)
M/N:HSTNH-L11C

		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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



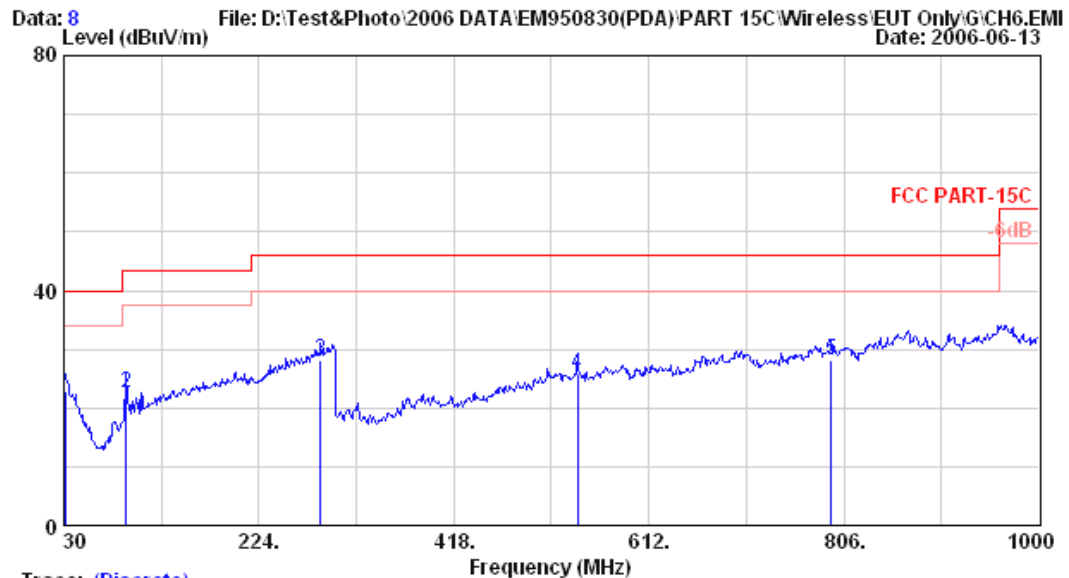
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Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL
Limit : FCC PART-15C
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin_Yang
EUT : Personal Digital Assistant or Pocket PC
Power Rating : DC 3.7V
Test Mode : CH1(802.11g)
M/N:HSTNH-L11C

		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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



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

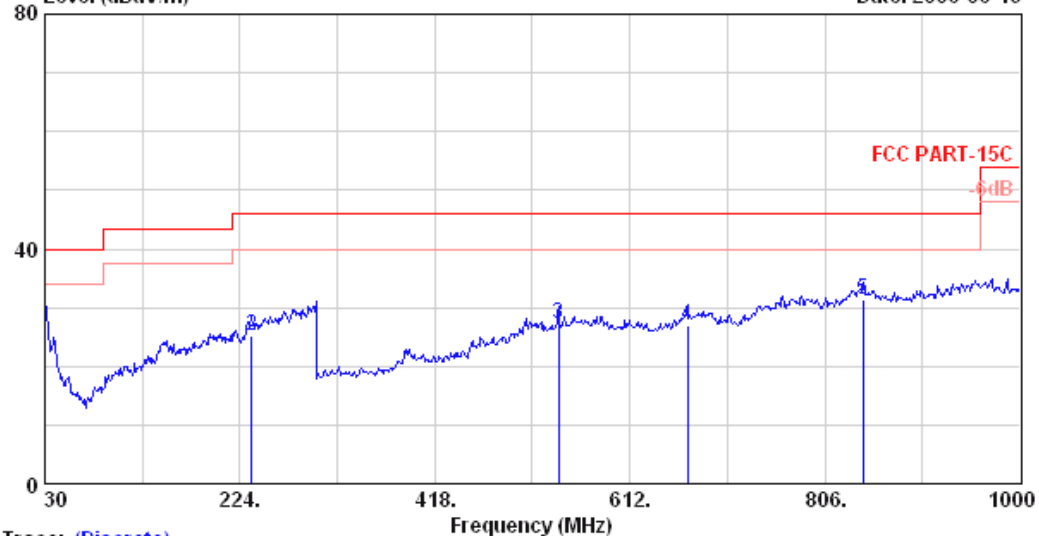
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	30.970	24.81	1.10	-3.12	22.79	40.00	17.21	
2	92.080	16.08	2.00	4.58	22.65	43.50	20.85	
3	285.110	25.54	3.80	-1.35	28.00	46.00	18.00	
4	541.190	19.25	7.01	-0.51	25.75	46.00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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

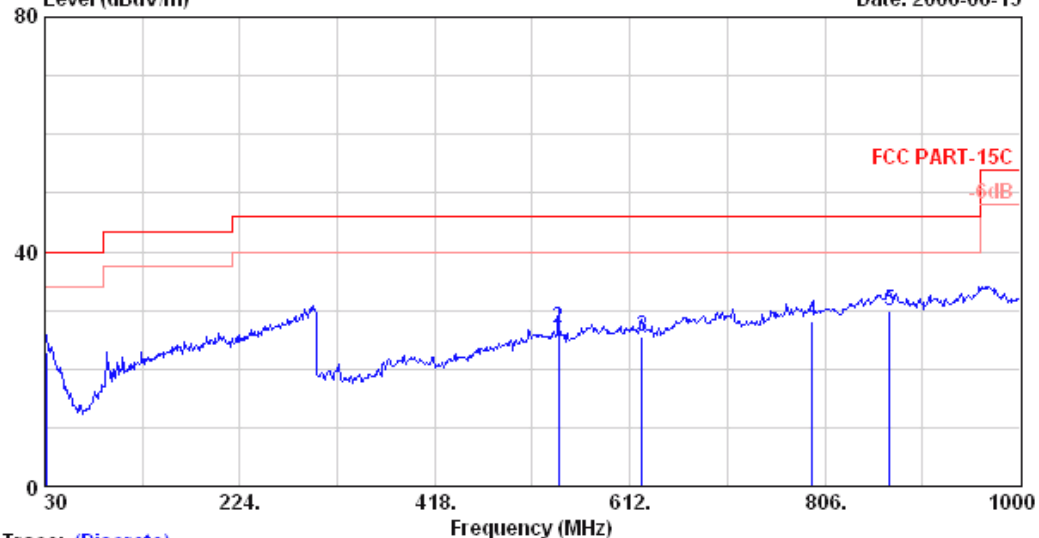
	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	30.000	23.60	1.10	3.05	27.75	40.00	12.25	
2	235.640	24.64	3.40	-2.73	25.31	46.00	20.69	
3	541.190	20.48	7.01	-0.21	27.28	46.00	18.72	
4	669.230	22.76	6.40	-2.28	26.88	46.00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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

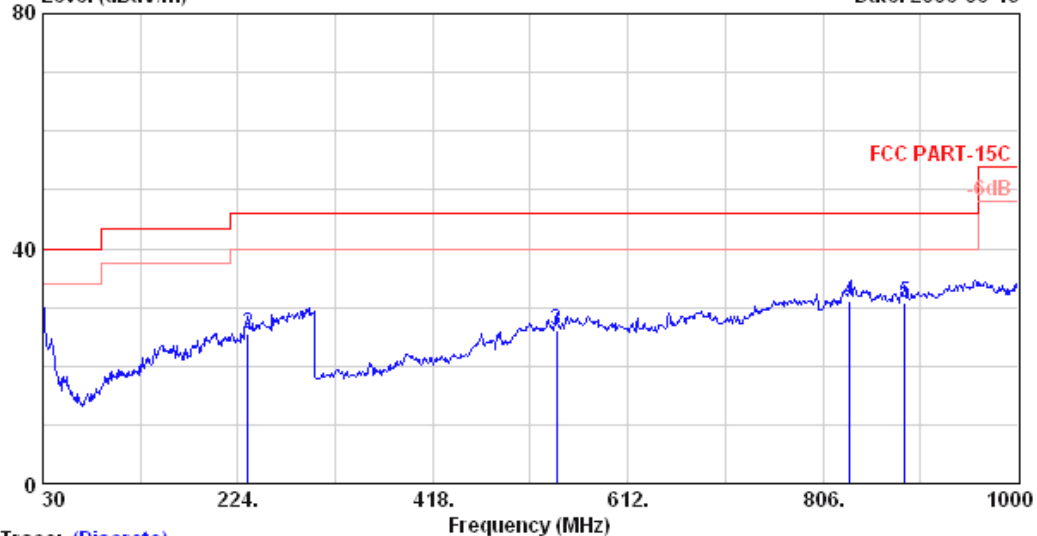
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	30.970	24.81	1.10	-3.05	22.86	40.00	17.14	
2	541.190	19.25	7.01	0.80	27.06	46.00	18.94	
3	623.640	21.32	6.20	-2.02	25.50	46.00	20.50	
4	793.390	23.98	6.90	-2.62	28.26	46.00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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

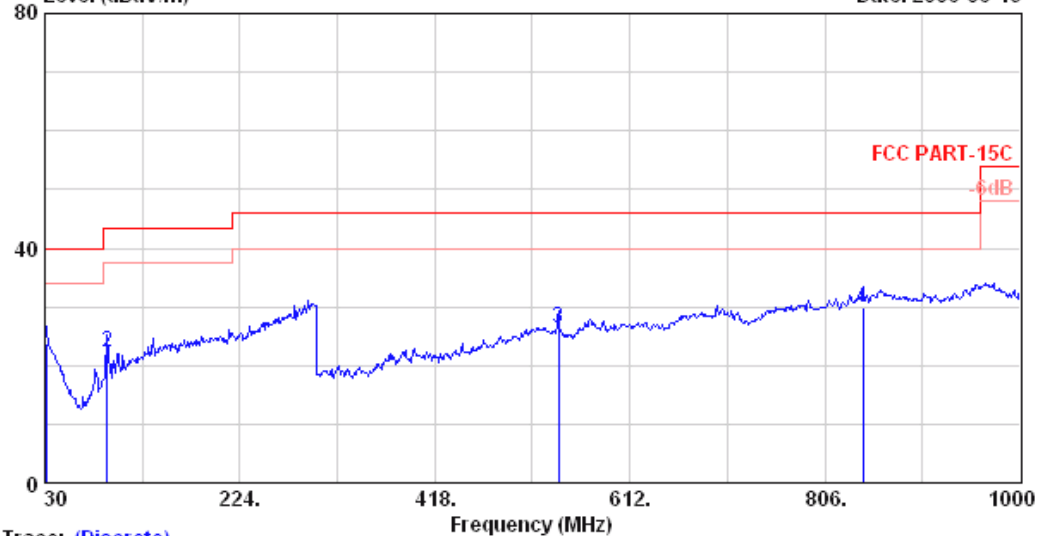
	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	30.000	23.60	1.10	2.88	27.58	40.00	12.42	
2	233.700	24.84	3.38	-2.68	25.54	46.00	20.46	
3	541.190	20.48	7.01	-1.37	26.12	46.00	19.88	
4	833.160	26.22	7.10	-2.38	30.94	46.00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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

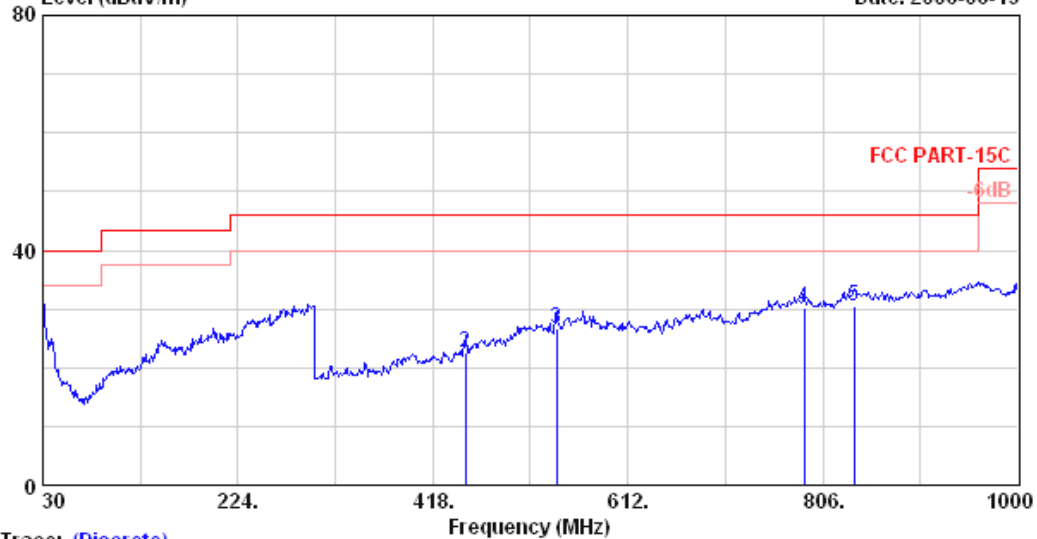
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	30.970	24.81	1.10	-2.21	23.70	40.00	16.30	
2	92.080	16.08	2.00	4.26	22.33	43.50	21.17	
3	541.190	19.25	7.01	0.04	26.30	46.00	19.70	
4	843.830	25.23	7.10	-2.34	29.99	46.00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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

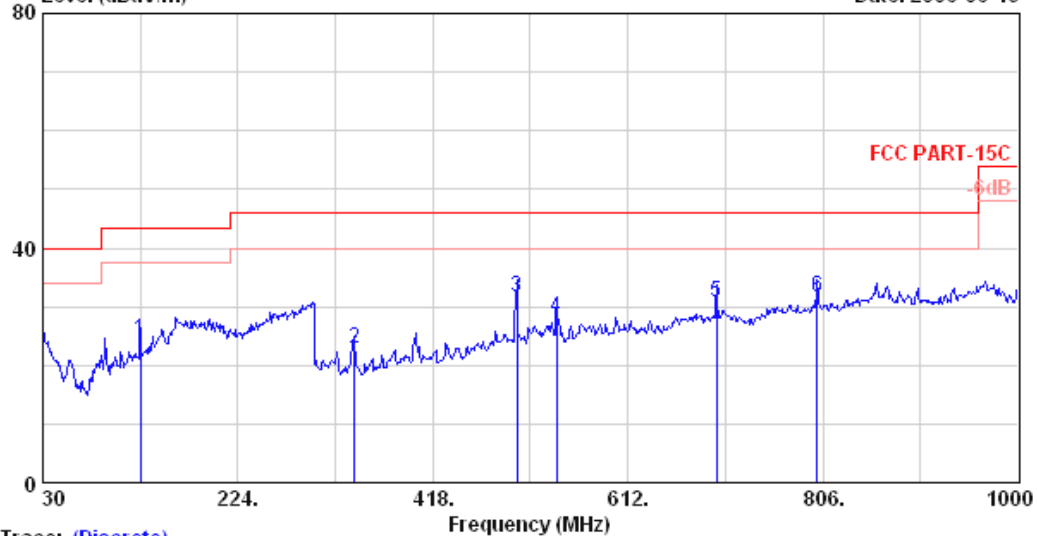
		Ant.	Cable		Emission			
	Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
	(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	30.000	23.60	1.10	3.53	28.23	40.00	11.77	
2	450.010	17.51	5.40	-0.30	22.61	46.00	23.39	
3	541.190	20.48	7.01	-0.80	26.69	46.00	19.31	
4	787.570	25.44	6.90	-2.24	30.10	46.00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



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

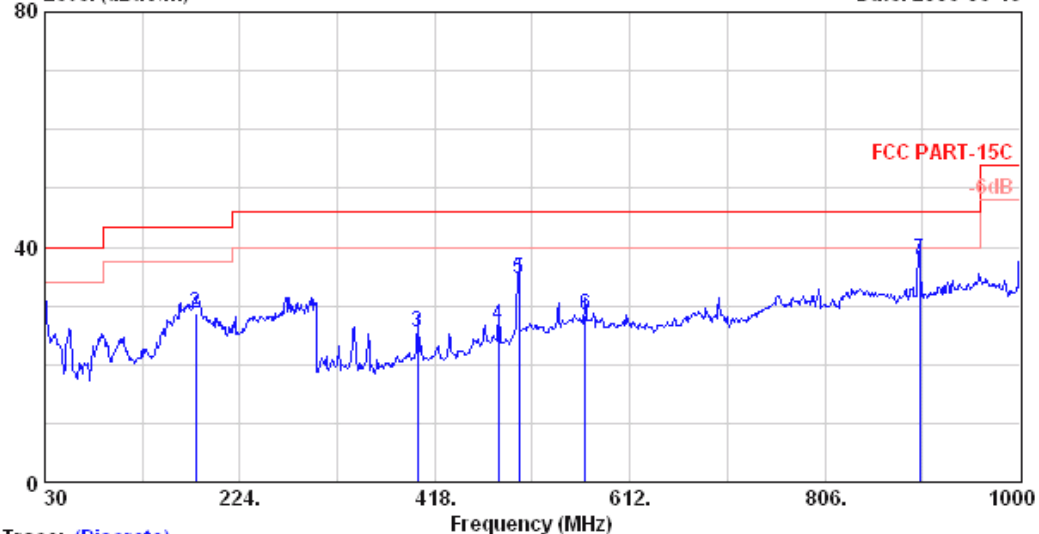
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	127.000	19.56	2.40	2.34	24.30	43.50	19.20	
2	340.400	15.08	4.30	3.62	23.00	46.00	23.00	
3	501.420	18.95	6.52	6.04	31.52	46.00	14.48	
4	541.190	19.25	7.01	1.85	28.11	46.00	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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

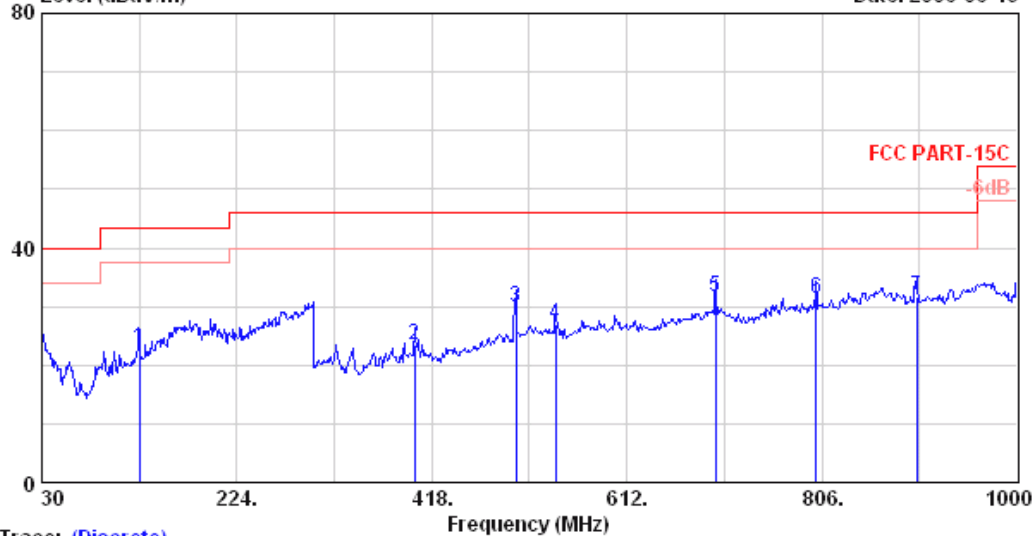
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBμV)	(dBμV/m)	(dBμV/m)	(dB)		
1	30.000	23.60	1.10	3.32	28.02	40.00	11.98	
2	180.350	21.28	2.90	4.51	28.69	43.50	14.81	
3	400.540	17.58	4.80	3.19	25.57	46.00	20.43	
4	481.050	18.93	6.10	1.56	26.58	46.00	19.42	
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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

Data: 9 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. : 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

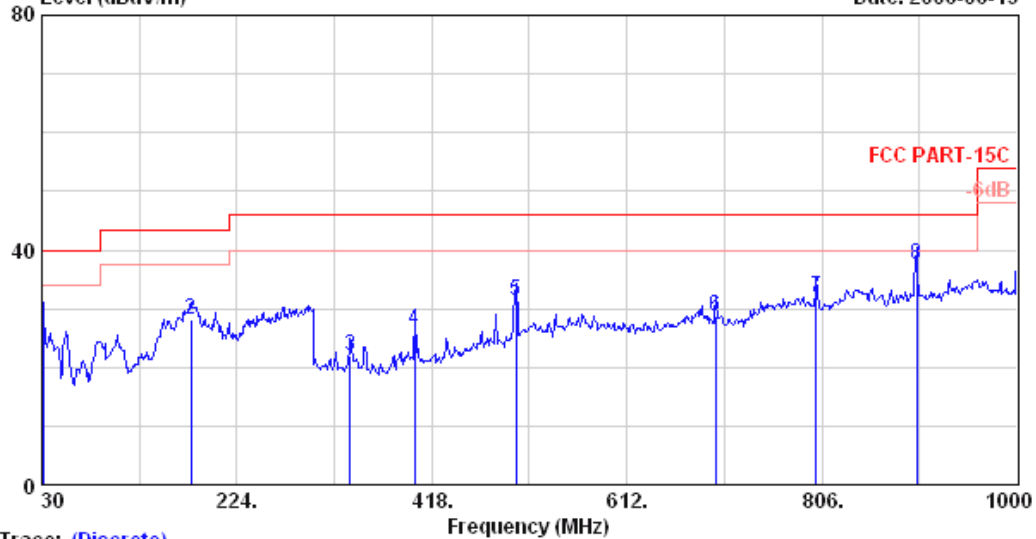
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	127.000	19.56	2.40	0.98	22.94	43.50	20.56	
2	400.540	17.66	4.80	0.84	23.30	46.00	22.70	
3	501.420	18.95	6.52	4.41	29.89	46.00	16.11	
4	541.190	19.25	7.01	0.64	26.90	46.00	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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

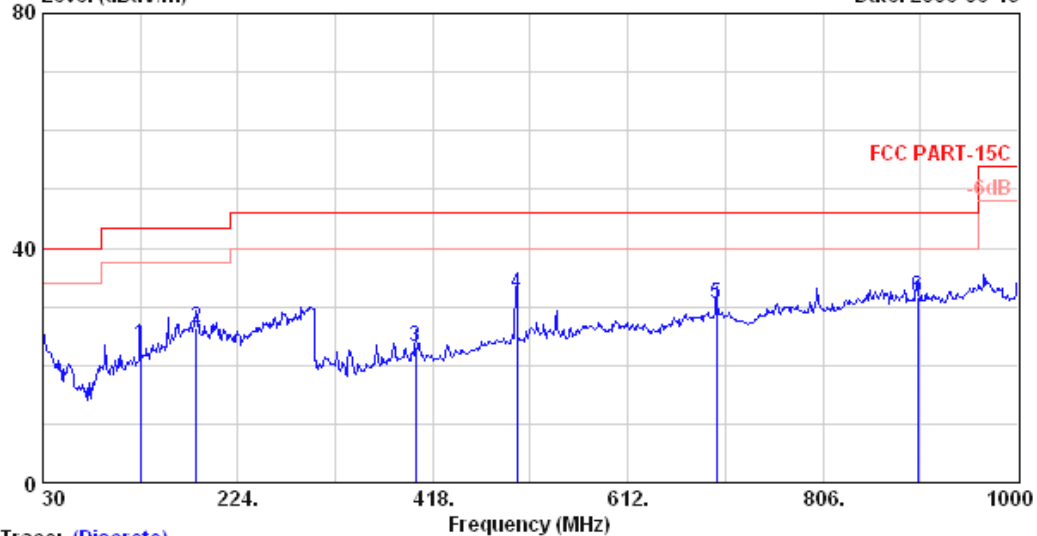
	Freq.	Ant.	Cable		Emission			
	(MHz)	Factor	Loss	Reading	Level	Limits	Margin	Remark
		(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)	
1	30.970	23.39	1.10	4.61	29.10	40.00	10.90	
2	178.410	21.00	2.90	4.23	28.13	43.50	15.37	
3	336.520	15.54	4.20	2.30	22.04	46.00	23.96	
4	400.540	17.58	4.80	3.93	26.31	46.00	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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

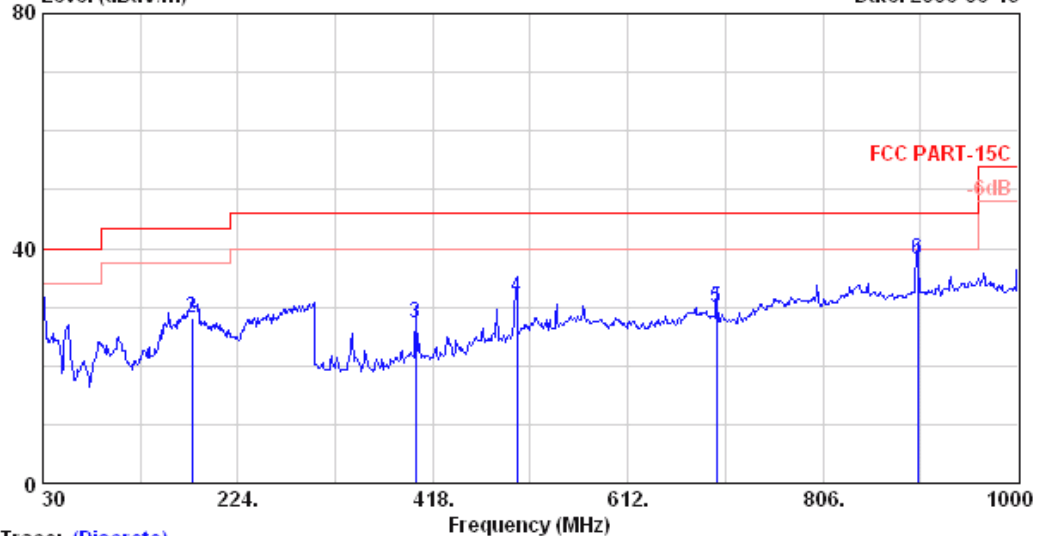
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	127.000	19.56	2.40	1.62	23.58	43.50	19.92	
2	182.290	21.33	2.90	2.04	26.26	43.50	17.24	
3	400.540	17.66	4.80	0.55	23.01	46.00	22.99	
4	501.420	18.95	6.52	6.82	32.30	46.00	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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

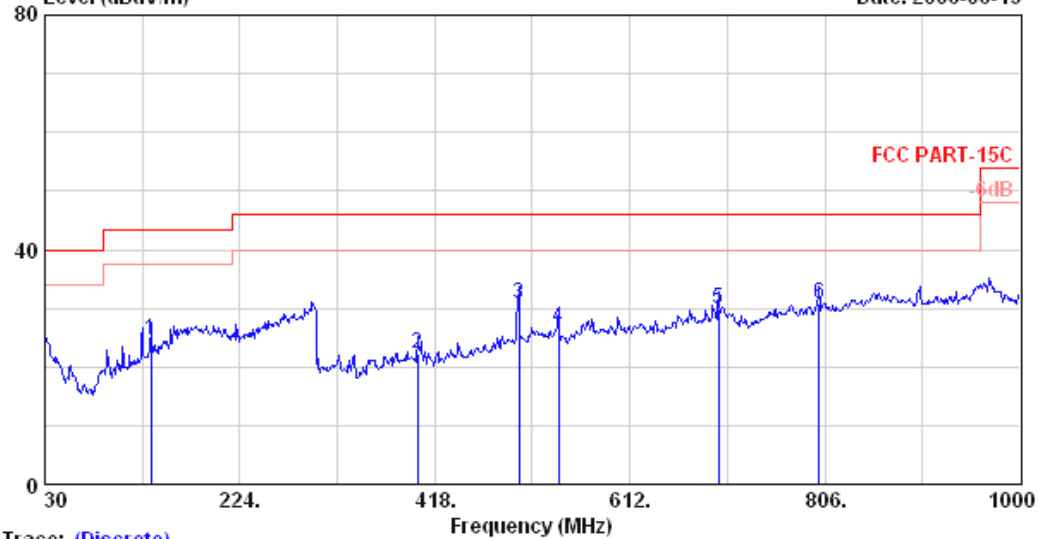
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	30.000	23.60	1.10	4.63	29.33	40.00	10.67	
2	178.410	21.00	2.90	4.38	28.28	43.50	15.22	
3	400.540	17.58	4.80	4.88	27.26	46.00	18.74	
4	501.420	19.91	6.52	5.20	31.63	46.00	14.37	
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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

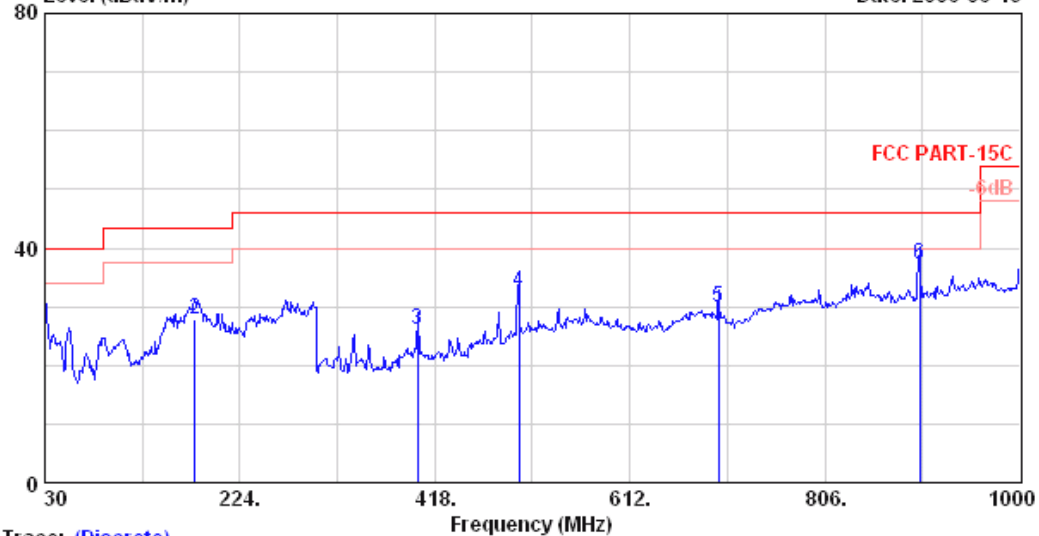
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	135.730	19.95	2.40	2.20	24.55	43.50	18.95	
2	400.540	17.66	4.80	-0.14	22.32	46.00	23.68	
3	501.420	18.95	6.52	5.37	30.85	46.00	15.15	
4	541.190	19.25	7.01	0.40	26.66	46.00	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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttmc@ttmc.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)

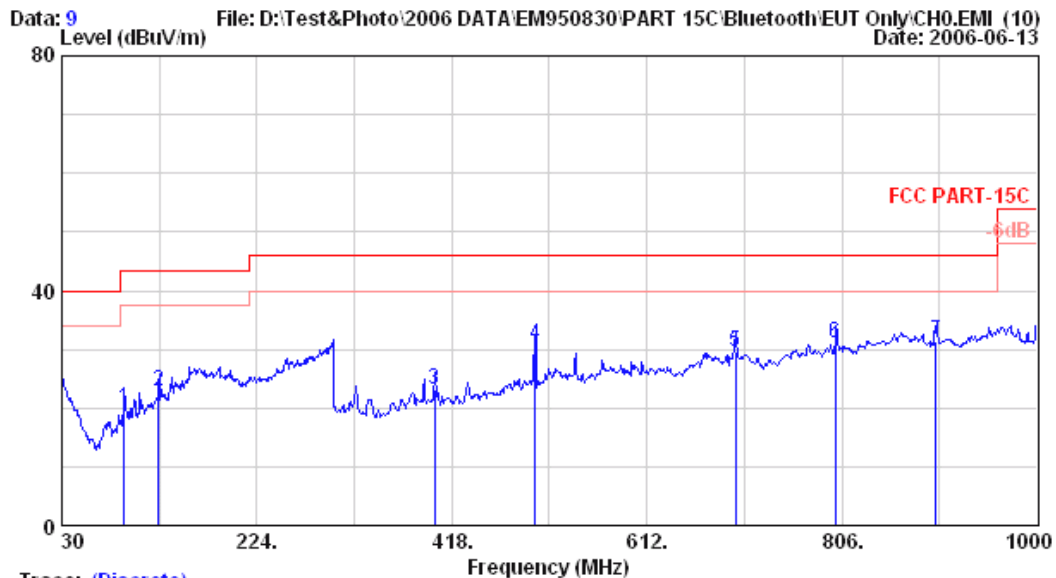
Site no. : A/C Chamber Data no. : 10
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL
Limit : FCC PART-15C
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin_Yang
EUT : Personal Digital Assistant or Pocket PC
Power Rating : 120Vac/60Hz
Test Mode : RX(CH78)
M/N:HSTNH-L11C

		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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



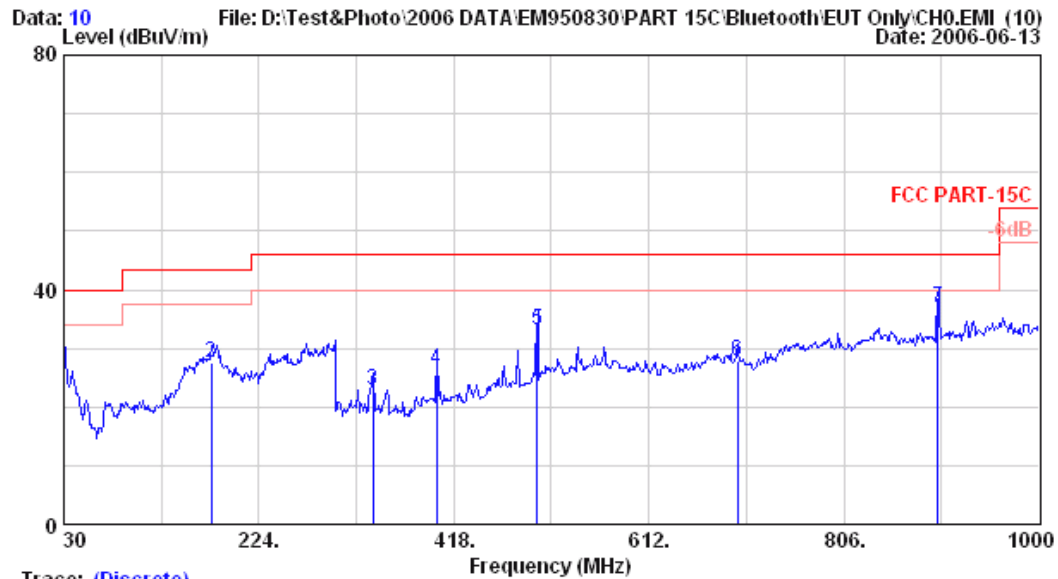
Site no. : A/C Chamber Data no. : 9
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL
Limit : FCC PART-15C
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin_Yang
EUT : Personal Digital Assistant or Pocket PC
Power Rating : DC 3.7V
Test Mode : CH0
M/N:HSTNH-L11C

		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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



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

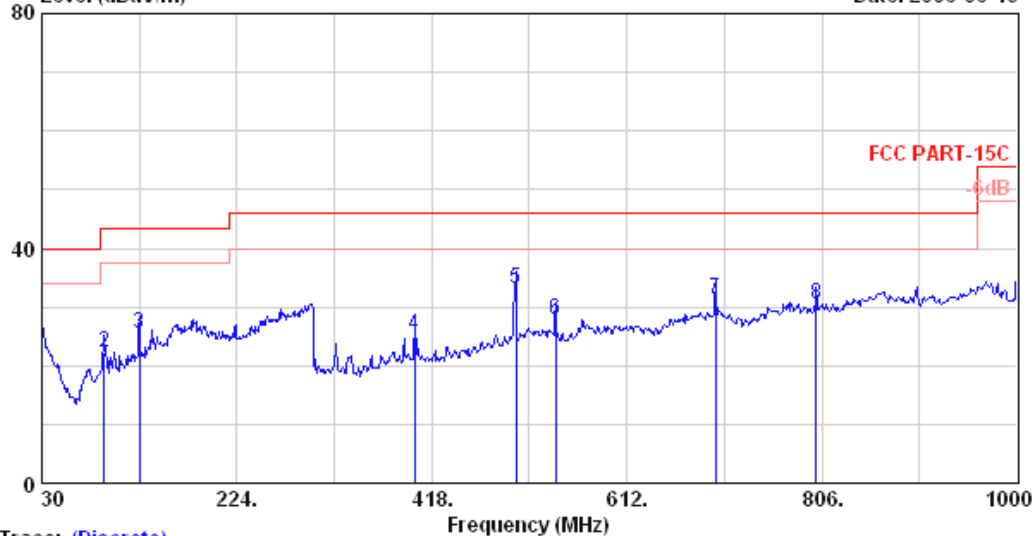
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	30.000	23.60	1.10	3.07	27.77	40.00	12.23	
2	176.340	20.66	2.90	3.86	27.42	43.50	16.08	
3	337.800	15.53	4.20	3.10	22.83	46.00	23.17	
4	400.800	17.58	4.80	4.14	26.52	46.00	19.48	
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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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



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

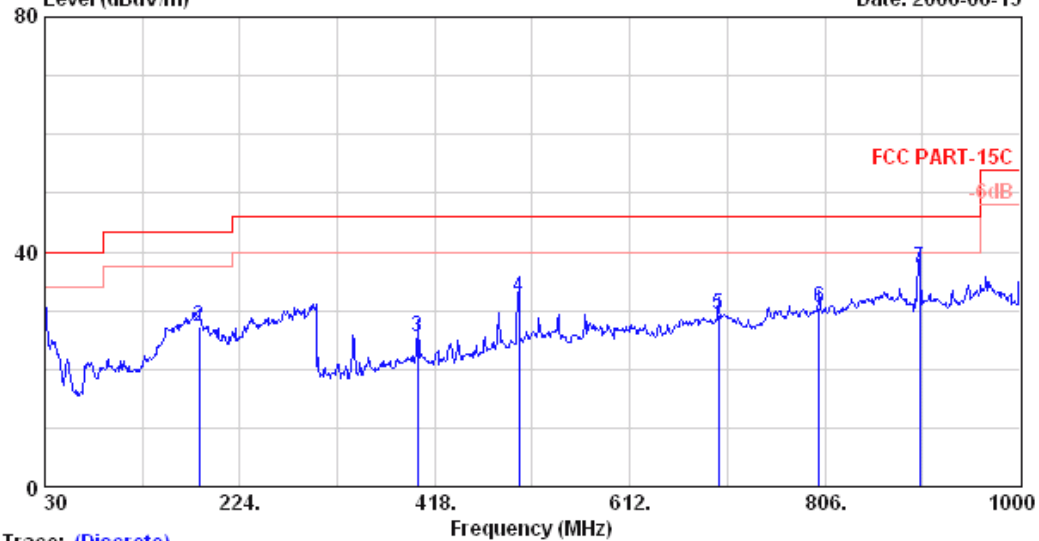
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	30.000	24.86	1.10	-1.37	24.59	40.00	15.41	
2	92.080	16.08	2.00	4.23	22.30	43.50	21.20	
3	127.000	19.56	2.40	3.55	25.51	43.50	17.99	
4	400.540	17.66	4.80	2.79	25.25	46.00	20.75	
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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
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

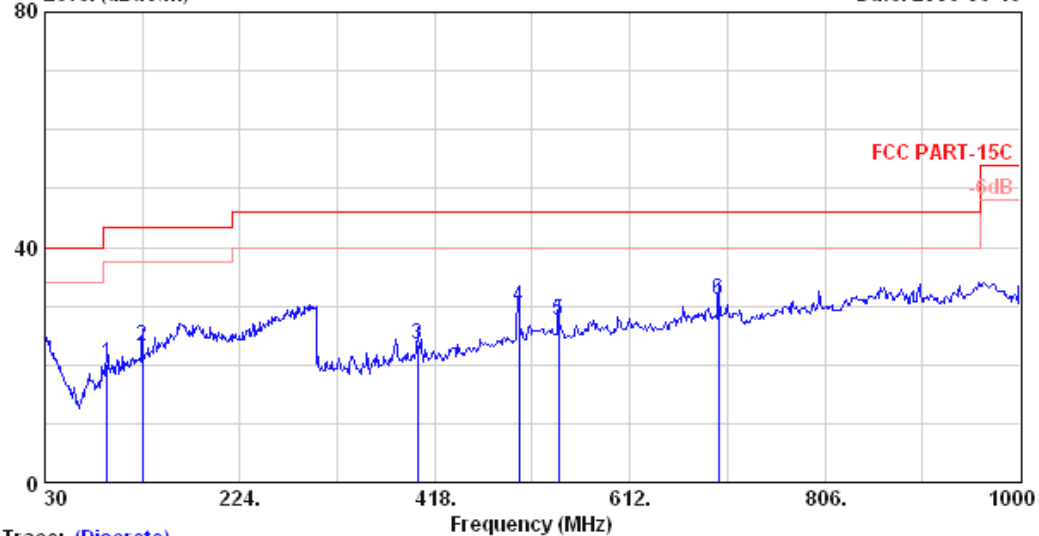
		Ant.	Cable		Emission		
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark
(MHz)	(dB/m)	(dB)	(dBμV)	(dBμV/m)	(dBμV/m)	(dB)	
1	30.000	23.60	1.10	3.18	27.88	40.00	12.12
2	183.260	21.70	2.90	2.58	27.18	43.50	16.32
3	400.540	17.58	4.80	3.17	25.55	46.00	20.45
4	501.420	19.91	6.52	5.74	32.18	46.00	13.82
5	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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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

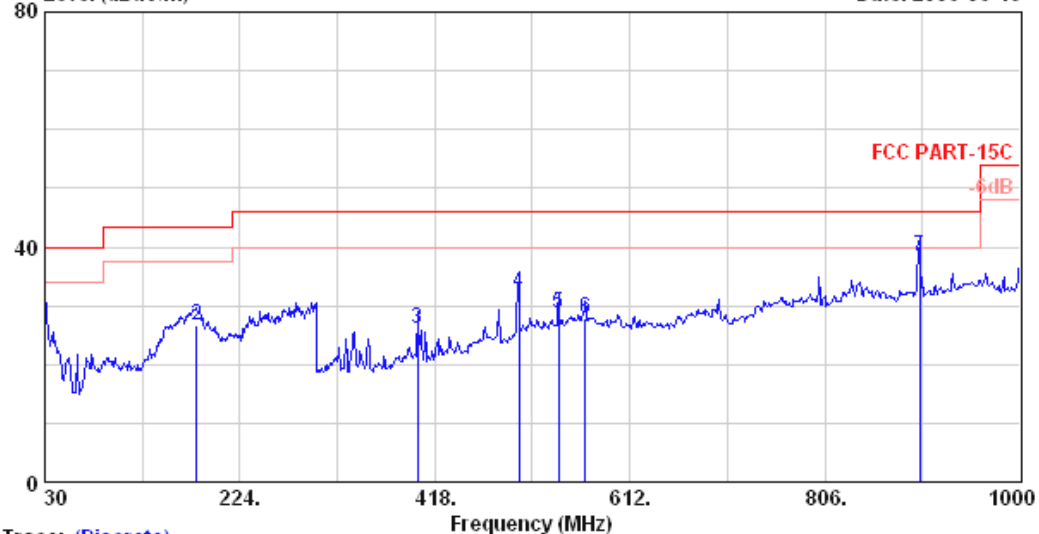
		Ant.	Cable		Emission			
Freq.	Factor	Loss	Reading	Level	Limits	Margin	Remark	
(MHz)	(dB/m)	(dB)	(dBuV)	(dBuV/m)	(dBuV/m)	(dB)		
1	92.080	16.08	2.00	2.15	20.22	43.50	23.28	
2	127.000	19.56	2.40	1.05	23.01	43.50	20.49	
3	400.540	17.66	4.80	1.03	23.49	46.00	22.51	
4	501.420	18.95	6.52	4.36	29.84	46.00	16.16	
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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw

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Trace: (Discrete)

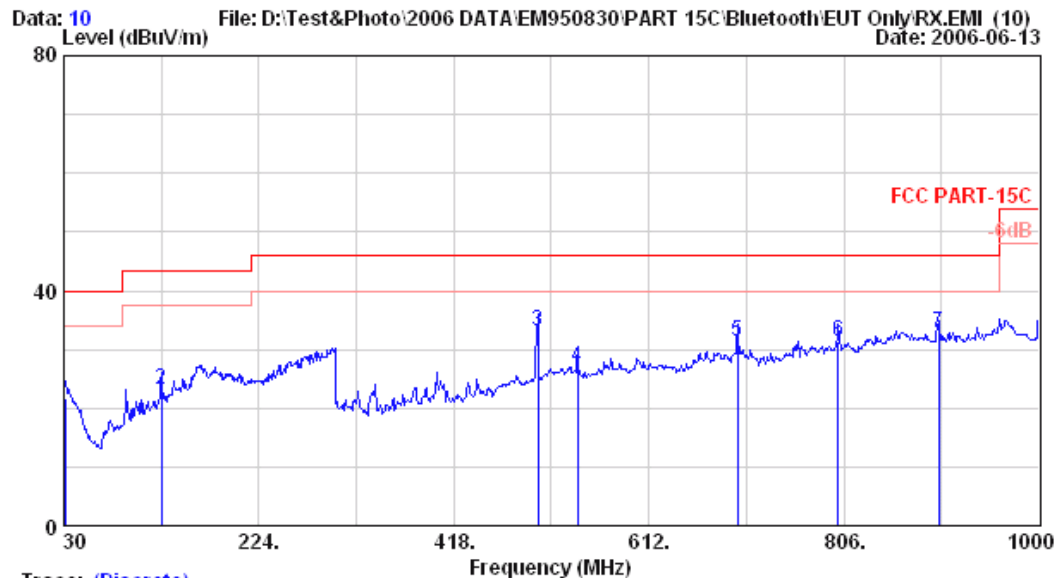
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Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : VERTICAL
Limit : FCC PART-15C
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin_Yang
EUT : Personal Digital Assistant or Pocket PC
Power Rating : DC 3.7V
Test Mode : CH78
M/N:HSTNH-L11C

		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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



Trace: (Discrete)

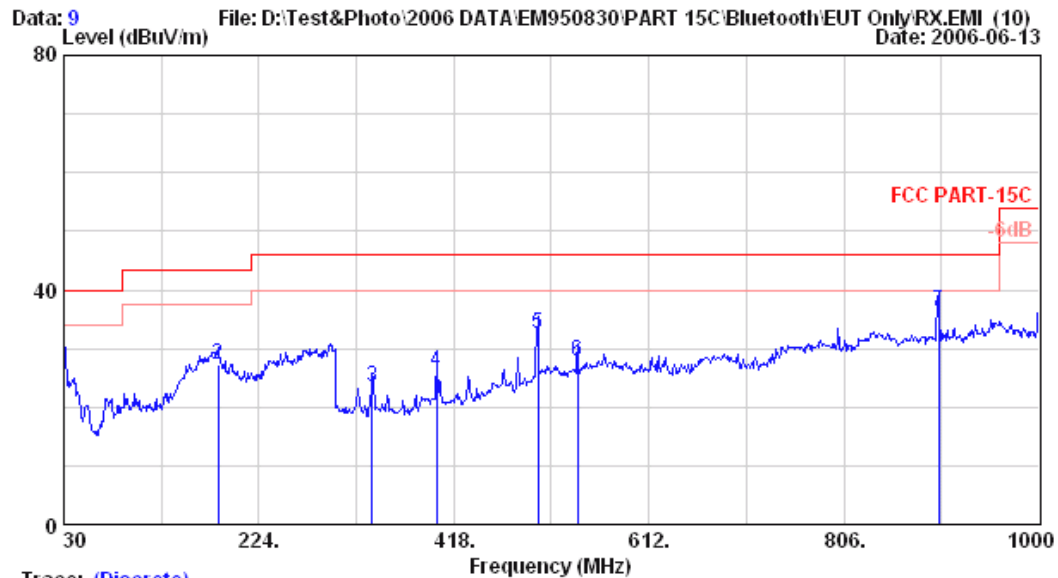
Site no. : A/C Chamber Data no. : 10
Dis. / Ant. : 3m VBA6106A/UHALP9108-A Ant. pol. : HORIZONTAL
Limit : FCC PART-15C
Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin_Yang
EUT : Personal Digital Assistant or Pocket PC
Power Rating : DC 3.7V
Test Mode : RX (CH78)
M/N: HSTNH-L11C

		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.



AUDIX Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
County, Taiwan R.O.C. Post Code:24443
Tel:+886-2-26092133 Fax:+886-2-26099303
Email:ttemc@ttemc.com.tw



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°C

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 dBμV	Meter Reading Horizontal dBμV/m	Emission Level Horizontal dBμV/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Vertical dBμV/m	Emission Level Vertical dBμV/m	Limits 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 : 26°CEUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Transmitting Mode, Frequency: 2437MHz (CH6) Test Voltage : AC 120V/60Hz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Horizontal dBμV/m	Emission Level Horizontal dBμV/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Vertical dBμV/m	Emission Level Vertical dBμV/m	Limits 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 : 26°CEUT : 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 dBμV	Meter Reading Horizontal dBμV/m	Emission Level Horizontal dBμV/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Vertical dBμV/m	Emission Level Vertical dBμV/m	Limits 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 : 26°CEUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Receiving Mode, Frequency: 2437MHz (CH6) Test Voltage : AC 120V/60Hz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Horizontal dBμV/m	Emission Level Horizontal dBμV/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Vertical dBμV/m	Emission Level Vertical dBμV/m	Limits 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 : 26°CEUT : 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 dBμV	Meter Reading Horizontal dBμV/m	Emission Level Horizontal dBμV/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Vertical dBμV/m	Emission Level Vertical dBμV/m	Limits 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 : 26°CEUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Transmitting Mode, Frequency: 2437MHz (CH6) Test Voltage : DC 3.7V

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Horizontal dBμV/m	Emission Level Horizontal dBμV/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Vertical dBμV/m	Emission Level Vertical dBμV/m	Limits 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 : 26°C

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 μ V	Meter Reading Horizontal dB μ V/m	Emission Level Horizontal dB μ V/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dB μ V	Meter Reading Vertical dB μ V/m	Emission Level Vertical dB μ V/m	Limits 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 : 26°CEUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Receiving Mode, Frequency: 2437MHz (CH6) Test Voltage : DC 3.7V

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Horizontal dBμV/m	Emission Level Horizontal dBμV/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Vertical dBμV/m	Emission Level Vertical dBμV/m	Limits 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°C

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 μ V	Meter Reading Horizontal dB μ V/m	Emission Level Horizontal dB μ V/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dB μ V	Meter Reading Vertical dB μ V/m	Emission Level Vertical dB μ V/m	Limits 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 : 26°CEUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Transmitting Mode, Frequency: 2437MHz (CH6) Test Voltage : AC 120V/60Hz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Horizontal dBμV/m	Emission Level Horizontal dBμV/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Vertical dBμV/m	Emission Level Vertical dBμV/m	Limits 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 : 26°CEUT : 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 dBμV	Meter Reading Horizontal dBμV/m	Emission Level Horizontal dBμV/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Vertical dBμV/m	Emission Level Vertical dBμV/m	Limits 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 : 26°CEUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Receiving Mode, Frequency: 2437MHz (CH6) Test Voltage : AC 120V/60Hz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Horizontal dBμV/m	Emission Level Horizontal dBμV/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Vertical dBμV/m	Emission Level Vertical dBμV/m	Limits 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°C

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 dBμV	Meter Reading Horizontal dBμV/m	Emission Level Horizontal dBμV/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Vertical dBμV/m	Emission Level Vertical dBμV/m	Limits 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 : 26°CEUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Transmitting Mode, Frequency: 2437MHz (CH6) Test Voltage : DC 3.7V

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Horizontal dBμV/m	Emission Level Horizontal dBμV/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Vertical dBμV/m	Emission Level Vertical dBμV/m	Limits 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 : 26°CEUT : 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 dBμV	Meter Reading Horizontal dBμV/m	Emission Level Horizontal dBμV/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Vertical dBμV/m	Emission Level Vertical dBμV/m	Limits 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 : 26°CEUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Receiving Mode, Frequency: 2437MHz (CH6) Test Voltage : DC 3.7V

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Horizontal dBμV/m	Emission Level Horizontal dBμV/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Vertical dBμV/m	Emission Level Vertical dBμV/m	Limits 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°C

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 dBμV	Meter Reading Horizontal dBμV/m	Emission Level Horizontal dBμV/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 dBμV	Meter Reading Vertical dBμV/m	Emission Level Vertical dBμV/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 : 26°C

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

Test Mode : Transmitting Mode, Frequency: 2441MHz (CH39) Test Voltage : AC 120V/60Hz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Horizontal dBμV/m	Emission Level Horizontal dBμV/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Vertical dBμV/m	Emission Level Vertical dBμV/m	Limits 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 : 26°C

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 dBμV	Meter Reading Horizontal dBμV/m	Emission Level Horizontal dBμV/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Vertical dBμV/m	Emission Level Vertical dBμV/m	Limits 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 : 26°CEUT : Personal Digital Assistant or Pocket PC Humidity : 62%Test Mode : Receiving Mode, Frequency: 2480MHz (CH78) Test Voltage : AC 120V/60Hz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Horizontal dBμV/m	Emission Level Horizontal dBμV/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Vertical dBμV/m	Emission Level Vertical dBμV/m	Limits 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°C

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 μ V	Meter Reading Horizontal dB μ V/m	Emission Level Horizontal dB μ V/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dB μ V	Meter Reading Vertical dB μ V/m	Emission Level Vertical dB μ V/m	Limits 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 : 26°C

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

Test Mode : Transmitting Mode, Frequency: 2441MHz (CH39) Test Voltage : DC 3.7V

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB μ V	Meter Reading Horizontal dB μ V/m	Emission Level Horizontal dB μ V/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dB μ V	Meter Reading Vertical dB μ V/m	Emission Level Vertical dB μ V/m	Limits 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°C

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

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

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB μ V	Meter Reading Horizontal dB μ V/m	Emission Level Horizontal dB μ V/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dB μ V	Meter Reading Vertical dB μ V/m	Emission Level Vertical dB μ V/m	Limits 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 : 26°C

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

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

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB μ V	Meter Reading Horizontal dB μ V/m	Emission Level Horizontal dB μ V/m	Limits 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 Frequency MHz	Antenna Factor dB/m	Cable Loss dB μ V	Meter Reading Vertical dB μ V/m	Emission Level Vertical dB μ V/m	Limits 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°C

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

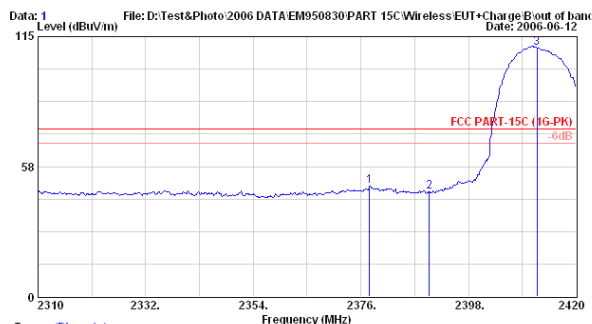
Test Mode : Transmitting Mode, Frequency: 2412MHz (CH1) Test Voltage : AC 120V/60Hz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dBμV	Meter Reading Horizontal dBμV/m	Emission Level Horizontal dBμV/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.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-Fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel+886-2-26092133 Fax+886-2-26099303
 Email:ttmc@ttmc.com.tw



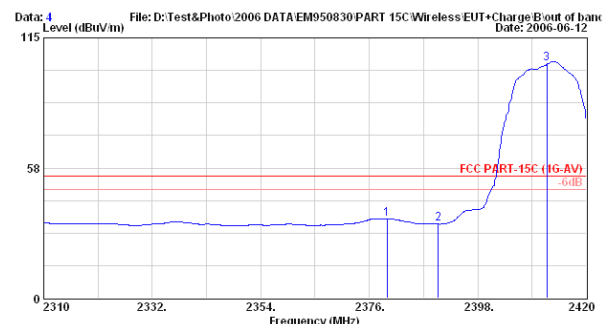
Site no. : A/C Chamber Data no. : 1
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin_Yang
 EUT : Personal Digital Assistant or Pocket PC
 Power Rating : 120Vac/60Hz
 Test Mode : CH1(802.11b)
 M/N: HSTNH-L11C

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/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.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-Fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel+886-2-26092133 Fax+886-2-26099303
 Email:ttmc@ttmc.com.tw



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 (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/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°C

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 μ V	Meter Reading Vertical dB μ V/m	Emission Level Vertical dB μ 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

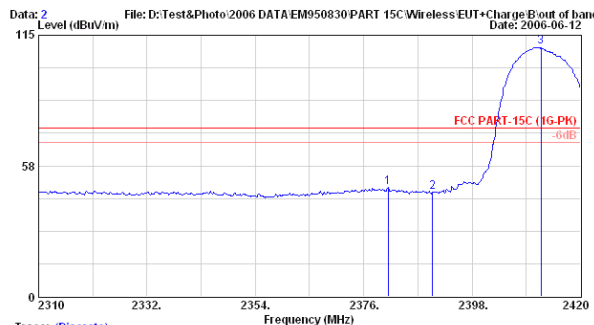
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



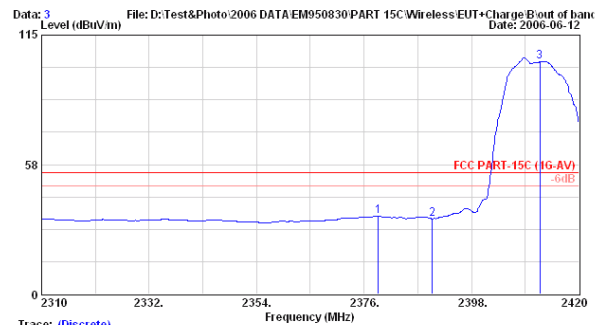
AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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°C

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 μ V	Meter Reading Horizontal dB μ V/m	Emission Level Horizontal dB μ 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

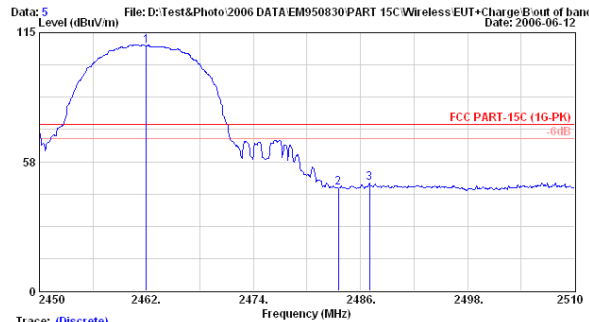
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2483.5-2500MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



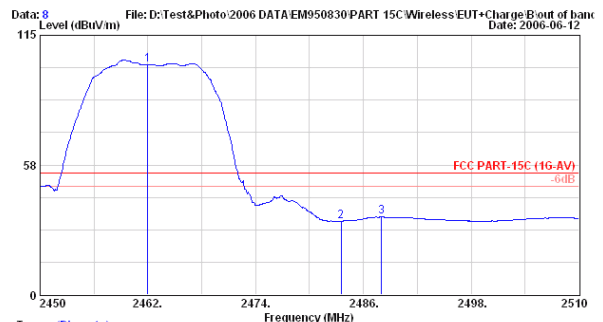
AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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°C

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 μ V	Meter Reading Vertical dB μ V/m	Emission Level Vertical dB μ 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

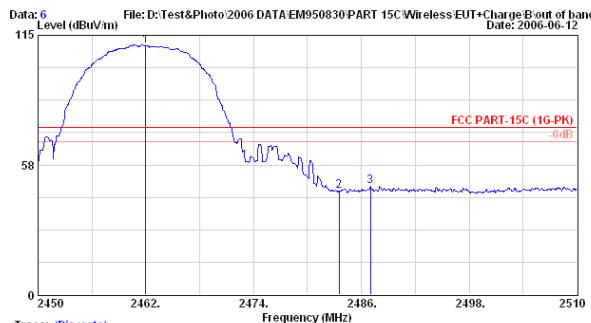
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2483.5-2500MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



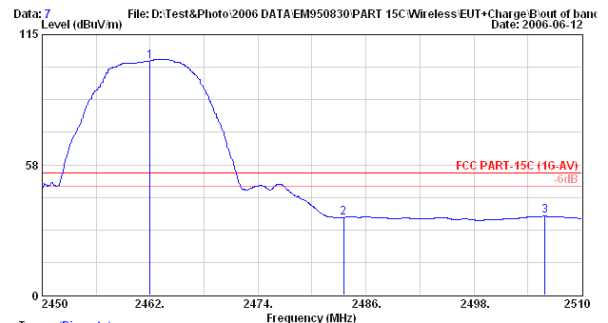
AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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°C

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

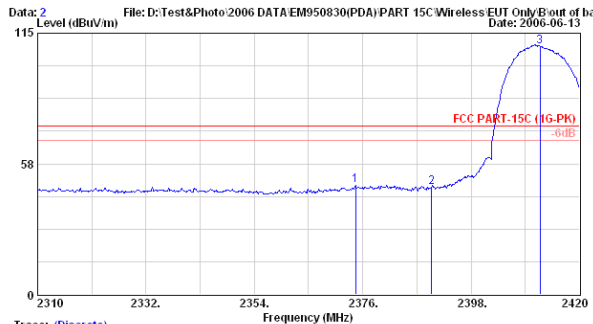
Test Mode : Transmitting Mode, Frequency: 2412MHz (CH1) Test Voltage : DC 3.7V

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB μ V	Meter Reading Horizontal dB μ V/m	Emission Level Horizontal dB μ 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.



AUDIX Corp. EMC Laboratory
 No.33-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



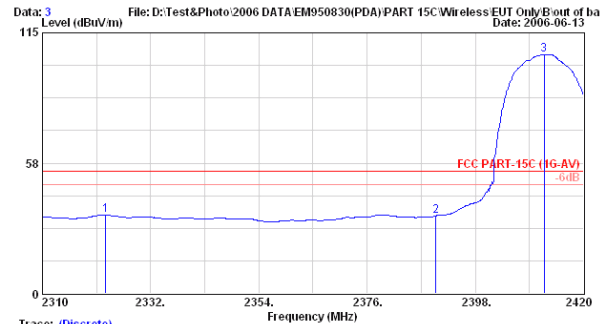
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 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin_Yang
 EUT : Personal Digital Assistant or Pocket PC
 Power Rating : DC 3.7V
 Test Mode : CH1 (802.11b)
 M/N: HSTNH-L11C

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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.



AUDIX Corp. EMC Laboratory
 No.33-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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°C

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 μ V	Meter Reading Vertical dB μ V/m	Emission Level Vertical dB μ 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

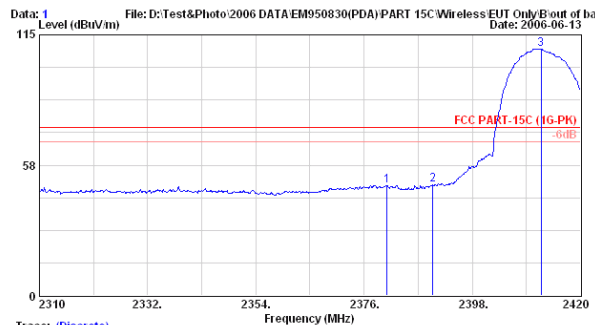
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



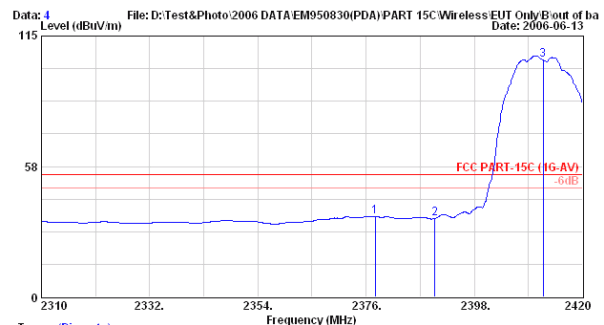
AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



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: HSTNH-L11C

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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: HSTNH-L11C

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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°C

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 μ V	Meter Reading Horizontal dB μ V/m	Emission Level Horizontal dB μ 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

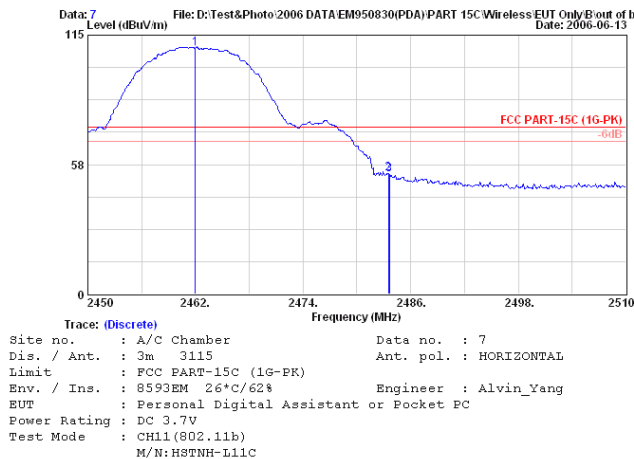
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2483.5-2500MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw

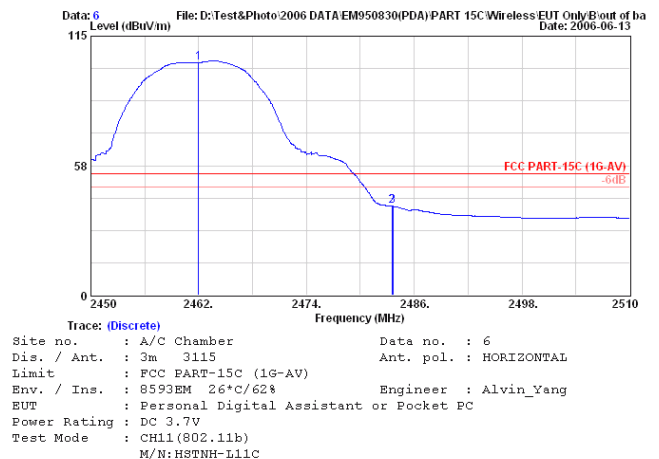


AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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°C

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

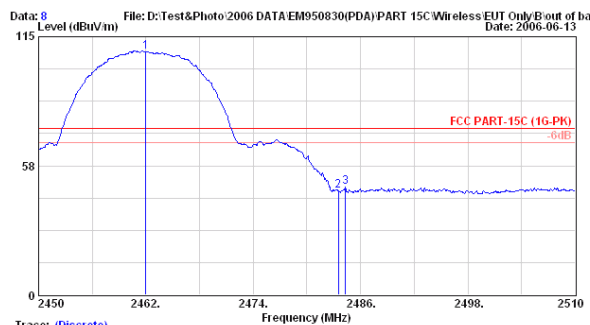
Test Mode : Transmitting Mode, Frequency: 2462MHz (CH11) Test Voltage : DC 3.7V

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB μ V	Meter Reading Vertical dB μ V/m	Emission Level Vertical dB μ 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.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw

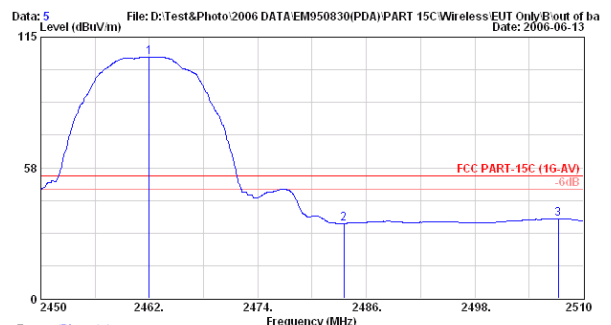


	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ V/m)	Margin (dB)	Remark
1	2462.000	28.74	6.42	72.93	108.09	74.00	-34.09	Peak
2	2483.500	28.77	6.45	11.30	46.53	74.00	27.47	Peak
3	2484.320	28.77	6.45	12.95	48.17	74.00	25.83	Peak

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



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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°C

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 dBμV	Meter Reading Horizontal dBμV/m	Emission Level Horizontal dBμV/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

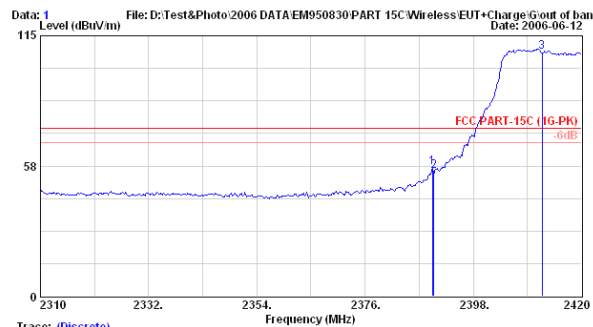
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



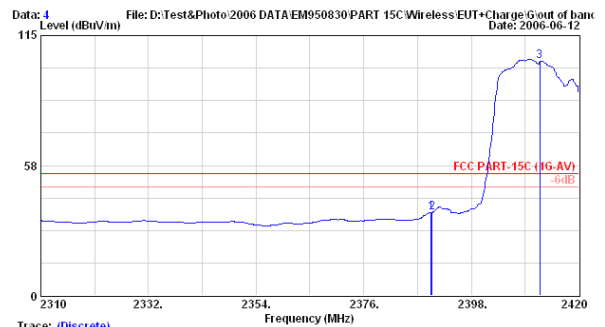
AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



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 (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/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 (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/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°C

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 μ V	Meter Reading Vertical dB μ V/m	Emission Level Vertical dB μ 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

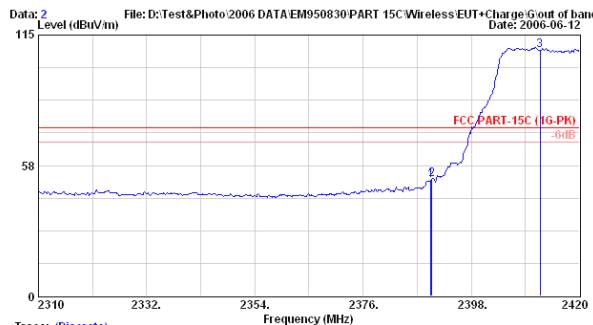
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



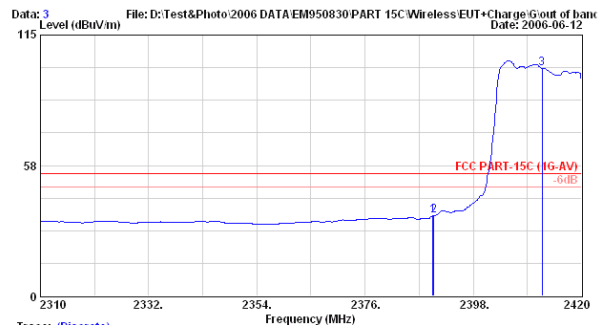
AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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°C

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

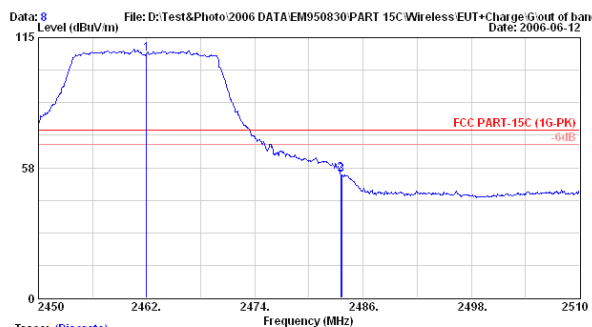
Test Mode : Transmitting Mode, Frequency: 2462MHz (CH11) Test Voltage : AC 120V/60Hz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB μ V	Meter Reading Horizontal dB μ V/m	Emission Level Horizontal dB μ 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.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



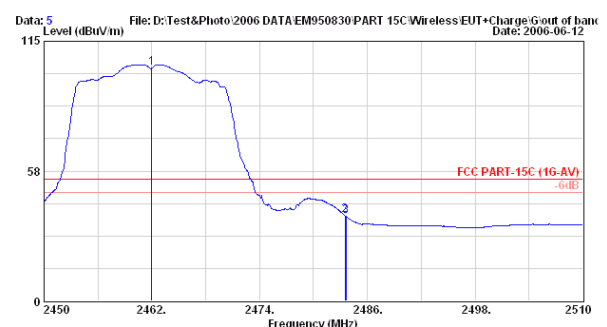
Site no. : A/C Chamber Data no. : 8
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin_Yang
 EUT : Personal Digital Assistant or Pocket PC
 Power Rating : 120Vac/60Hz
 Test Mode : CH11 (802.11g)
 M/N: H8TNH-L11C

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



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: H8TNH-L11C

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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°C

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

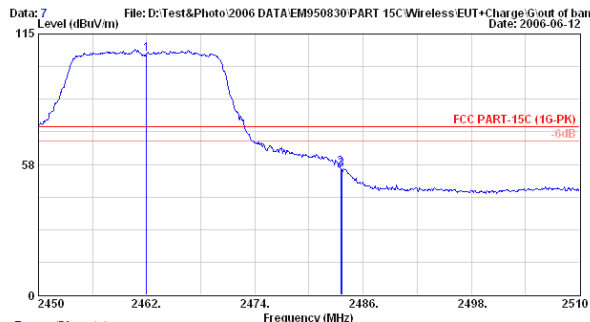
Test Mode : Transmitting Mode, Frequency: 2462MHz (CH11) Test Voltage : AC 120V/60Hz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB μ V	Meter Reading Vertical dB μ V/m	Emission Level Vertical dB μ 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.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email: itemc@itemc.com.tw



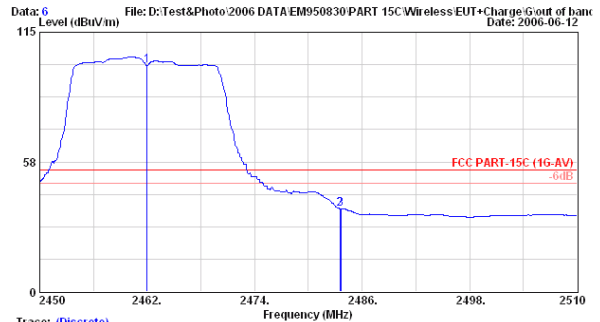
Site no. : A/C Chamber Data no. : 7
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin_Yang
 EUT : Personal Digital Assistant or Pocket PC
 Power Rating : 120Vac/60Hz
 Test Mode : CH11(802.11g)
 M/N:HSTNH-L11C

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email: itemc@itemc.com.tw



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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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°C

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

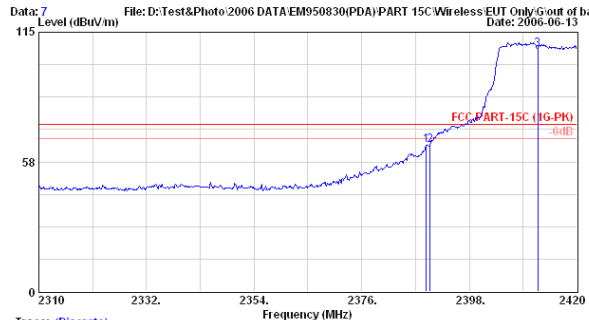
Test Mode : Transmitting Mode, Frequency: 2412MHz (CH1) Test Voltage : DC 3.7V

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB μ V	Meter Reading Horizontal dB μ V/m	Emission Level Horizontal dB μ 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.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:temc@itemc.com.tw



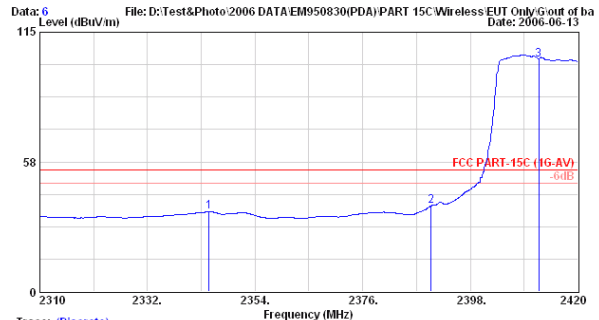
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 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin_Yang
 EUT : Personal Digital Assistant or Pocket PC
 Power Rating : DC 3.7V
 Test Mode : CH1(802.11g)
 M/N: H8TNH-L11C

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:temc@itemc.com.tw



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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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°C

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 μ V	Meter Reading Vertical dB μ V/m	Emission Level Vertical dB μ 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

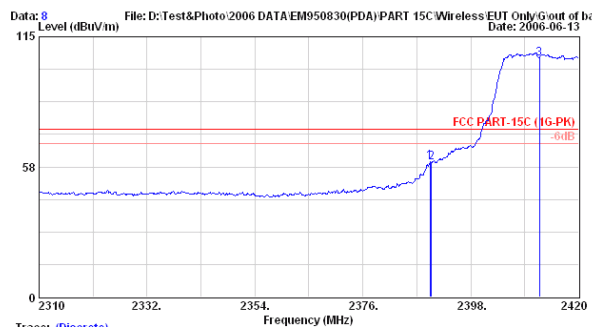
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



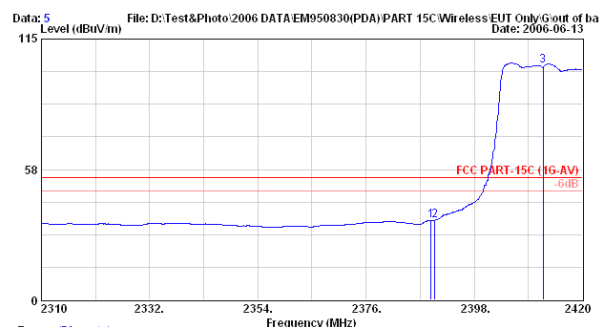
AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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°C

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

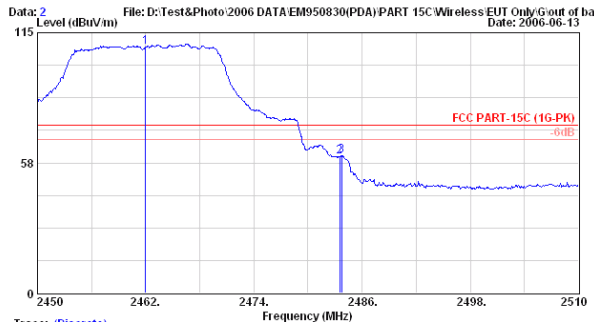
Test Mode : Transmitting Mode, Frequency: 2462MHz (CH11) Test Voltage : DC 3.7V

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB μ V	Meter Reading Horizontal dB μ V/m	Emission Level Horizontal dB μ 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.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-Fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel+886-2-26092133 Fax+886-2-26099303
 Email:ttmc@ttmc.com.tw



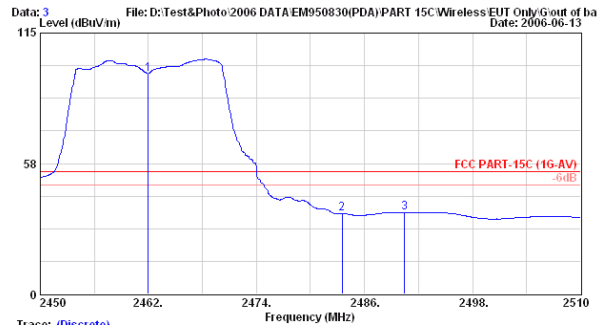
Site no. : A/C Chamber Data no. : 2
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin_Yang
 EUT : Personal Digital Assistant or Pocket PC
 Power Rating : DC 3.7V
 Test Mode : CH11(802.11g)
 M/N: HSTNH-L11C

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-Fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel+886-2-26092133 Fax+886-2-26099303
 Email:ttmc@ttmc.com.tw



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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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°C

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 μ V	Meter Reading Vertical dB μ V/m	Emission Level Vertical dB μ 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

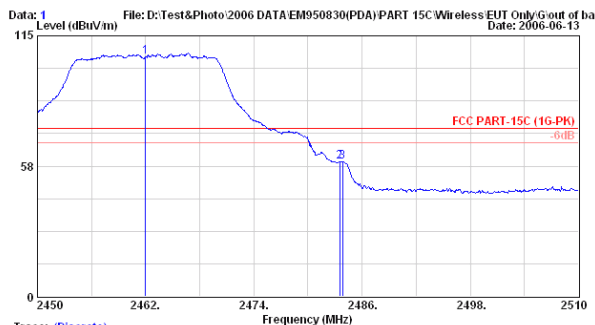
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2483.5-2500MHz).
 3. “*” The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email: itemc@itemc.com.tw



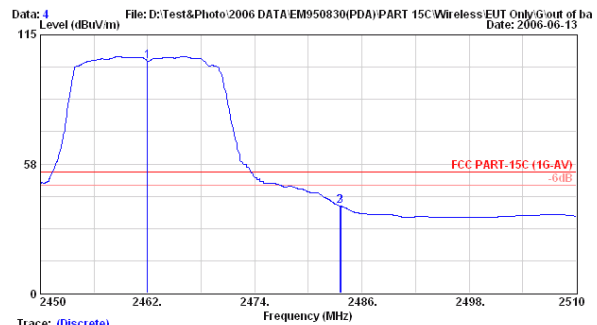
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 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email: itemc@itemc.com.tw



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 : CH11(802.11g)
 M/N: HSTNH-L11C

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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 (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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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	38.77	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°C

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 dBμV	Meter Reading Horizontal dBμV/m	Emission Level Horizontal dBμV/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

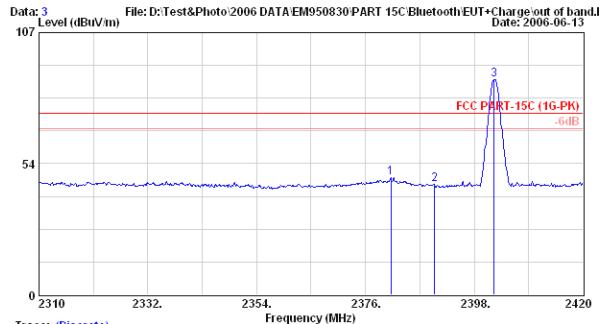
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



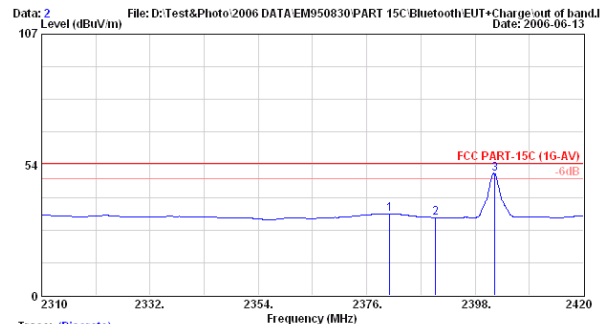
AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



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 (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/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 (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/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°C

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 dBμV	Meter Reading Vertical dBμV/m	Emission Level Vertical dBμV/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

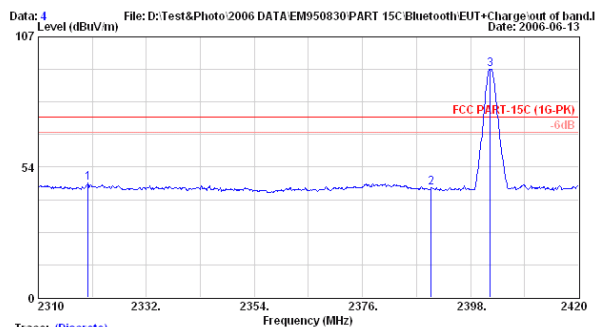
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Teun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



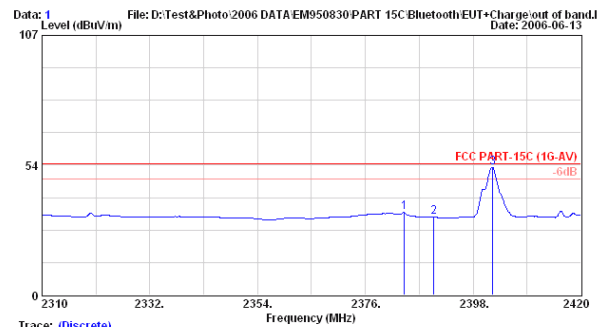
AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Teun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



Trace: (Discrete)
 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 (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/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.



Trace: (Discrete)
 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 (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/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°C

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 μ V	Meter Reading Horizontal dB μ V/m	Emission Level Horizontal dB μ 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

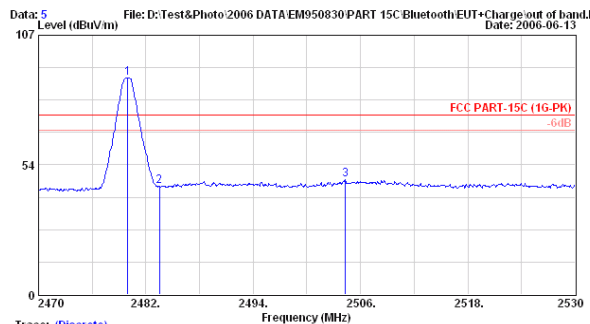
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2483.5-2500MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw

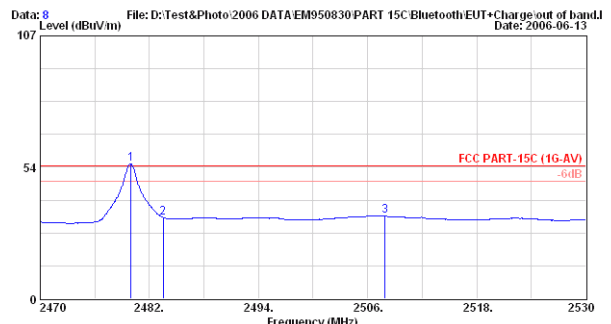


AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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.



Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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°C

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 μ V	Meter Reading Vertical dB μ V/m	Emission Level Vertical dB μ 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

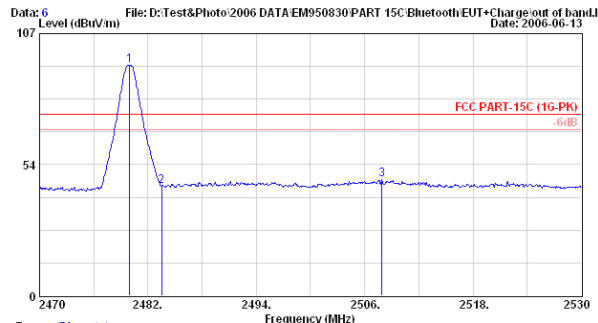
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2483.5-2500MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



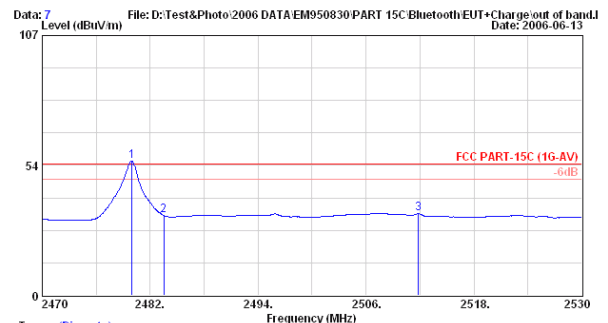
AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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°C

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

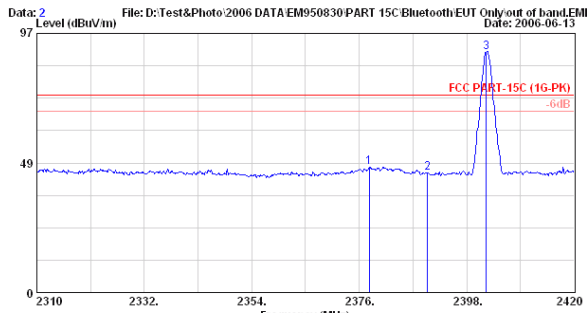
Test Mode : Transmitting Mode, Frequency: 2402MHz (CH0) Test Voltage : DC 3.7V

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB μ V	Meter Reading Horizontal dB μ V/m	Emission Level Horizontal dB μ 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.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



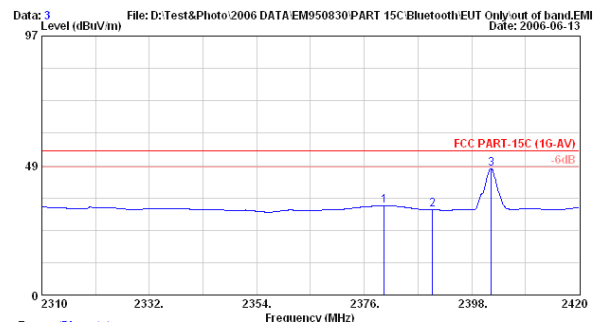
Site no. : A/C Chamber Data no. : 2
 Dis. / Ant. : 3m 3115 Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin_Yang
 EUT : Personal Digital Assistant or Pocket PC
 Power Rating : DC 3.7V
 Test Mode : CH0
 M/N: HSTNH-L11C

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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°C

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 μ V	Meter Reading Vertical dB μ V/m	Emission Level Vertical dB μ 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

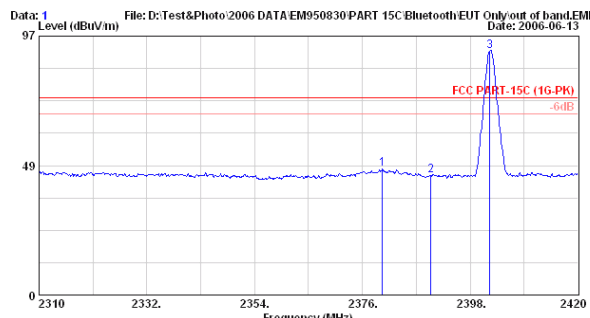
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



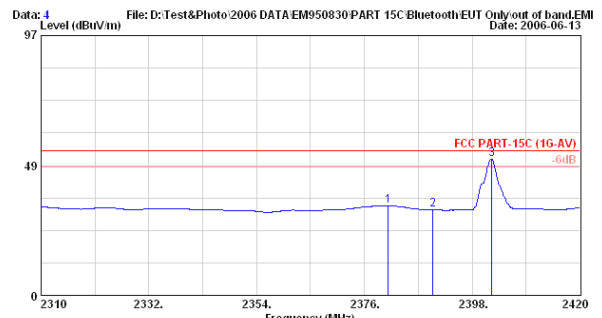
AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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.



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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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°C

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 μ V	Meter Reading Horizontal dB μ V/m	Emission Level Horizontal dB μ 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

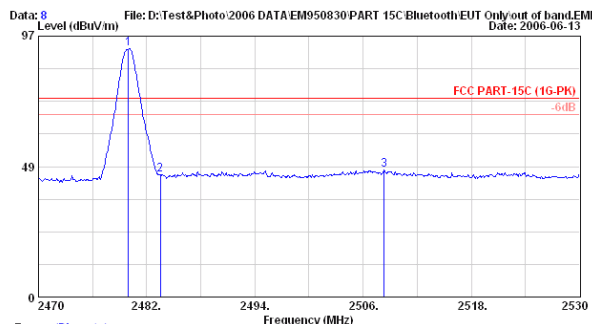
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2483.5-2500MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email: itemc@itemc.com.tw



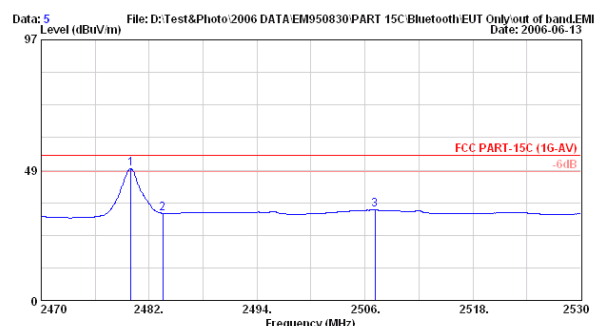
AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code 24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email: itemc@itemc.com.tw



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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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°C

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

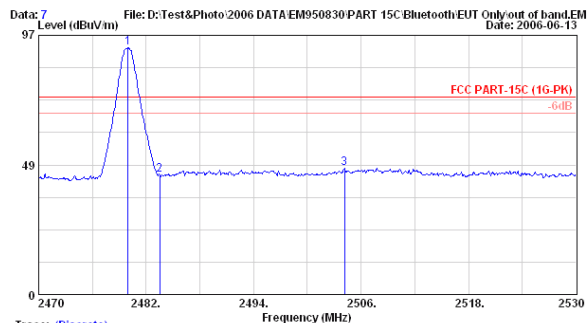
Test Mode : Transmitting Mode, Frequency: 2462MHz (CH11) Test Voltage : DC 3.7V

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB μ V	Meter Reading Vertical dB μ V/m	Emission Level Vertical dB μ 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.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 Email:ttmc@ttmc.com.tw



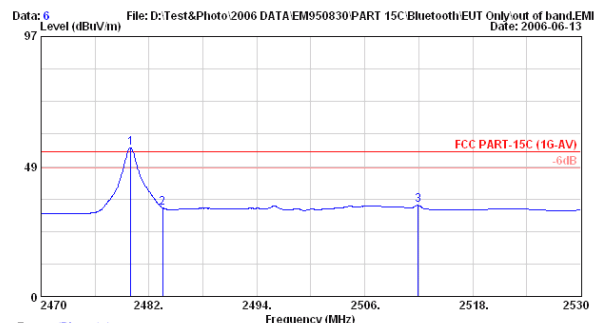
Trace: (Discrete)
 Site no. : A/C Chamber Data no. : 7
 Dis. / Ant. : 3m 3115 Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8593EM 26°C/62% Engineer : Alvin_Yang
 EUT : Personal Digital Assistant or Pocket PC
 Power Rating : DC 3.7V
 Test Mode : CH78
 M/N: H8TNH-L11C

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dB μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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.



AUDIX Corp. EMC Laboratory
 No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
 County, Taiwan R.O.C. Post Code:24443
 Tel:+886-2-26092133 Fax:+886-2-26099303
 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-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 μ V)	Emission Level (dB μ V/m)	Limits (dB μ 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.

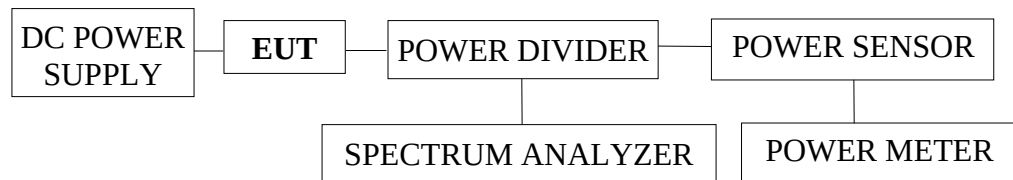
4. 6dB BANDWIDTH MEASUREMENT (WLAN)

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

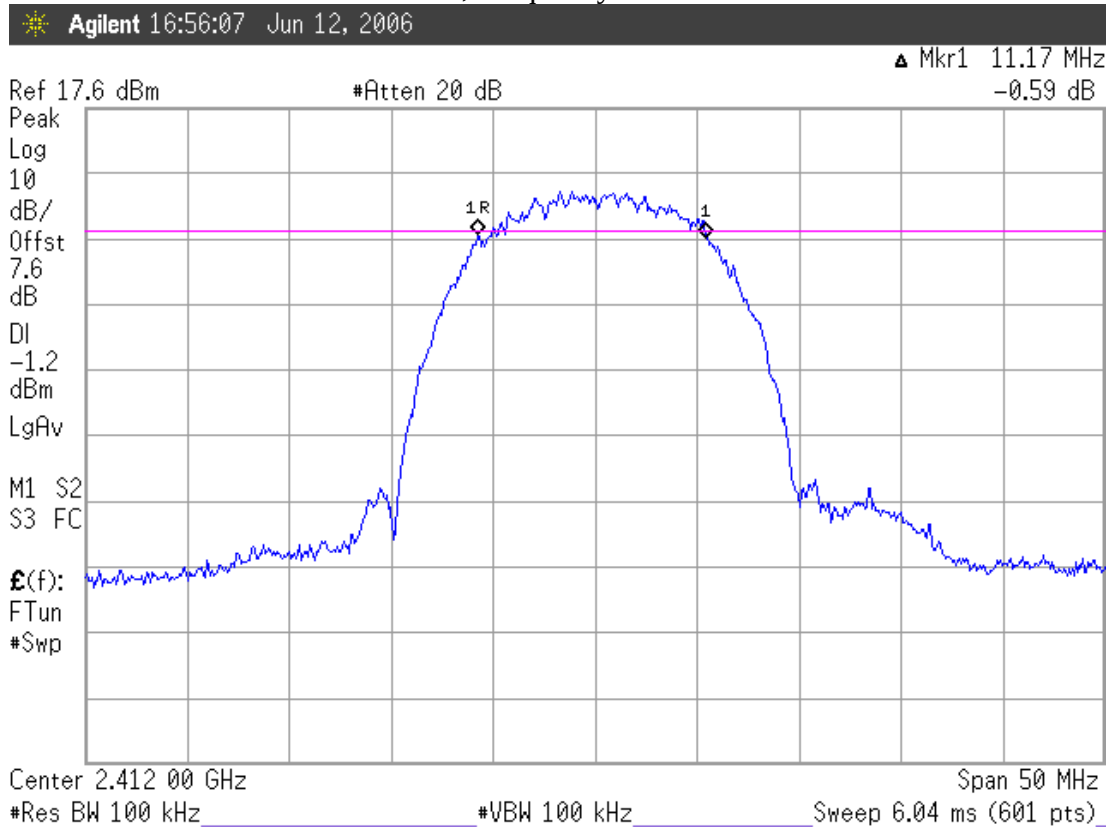
PASSED. All the test results are attached in next pages.

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

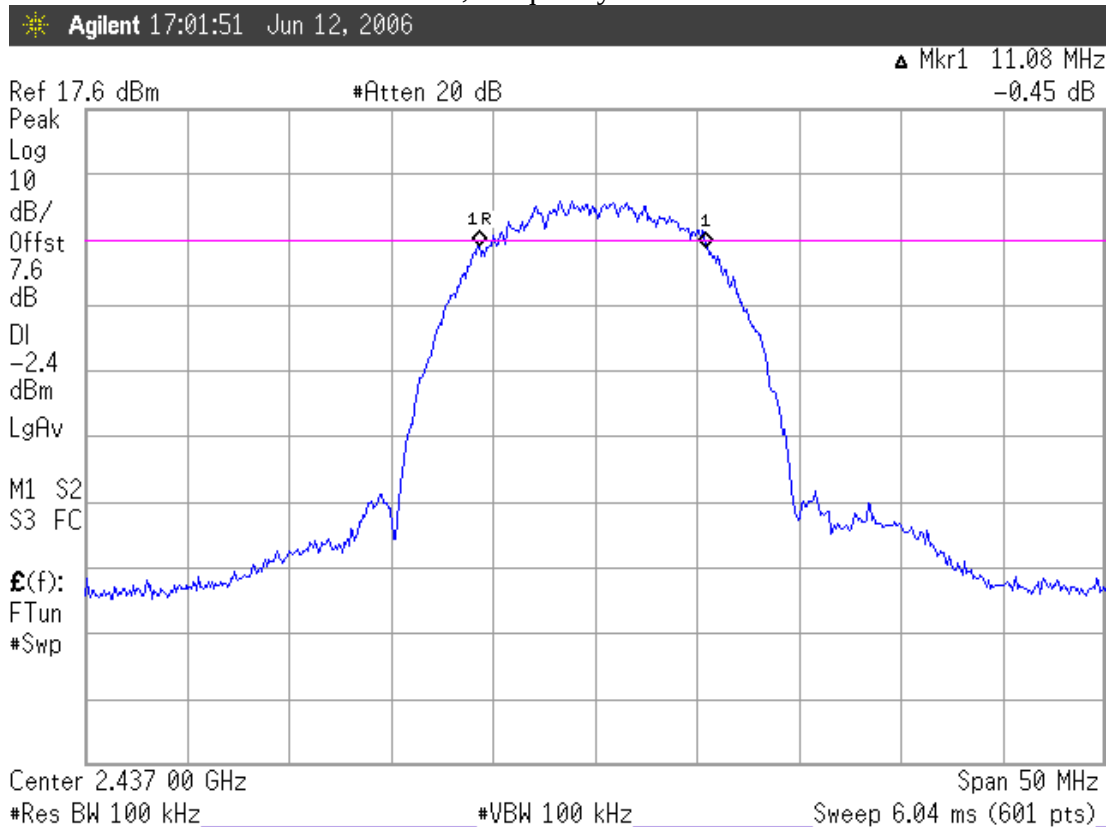
No.	Test Voltage	Test Mode	Channel	Frequency	6dB Bandwidth
1.	DC 3.7V (Via DC Power Supply)	WLAN (802.11b)	1	2412MHz	11.17MHz
2.			6	2437MHz	11.08MHz
3.			11	2462MHz	11.08MHz
4.		WLAN (802.11g)	1	2412MHz	16.67MHz
5.			6	2437MHz	16.67MHz
6.			11	2462MHz	16.67MHz

4.6.1. Test Mode: WLAN (802.11b)

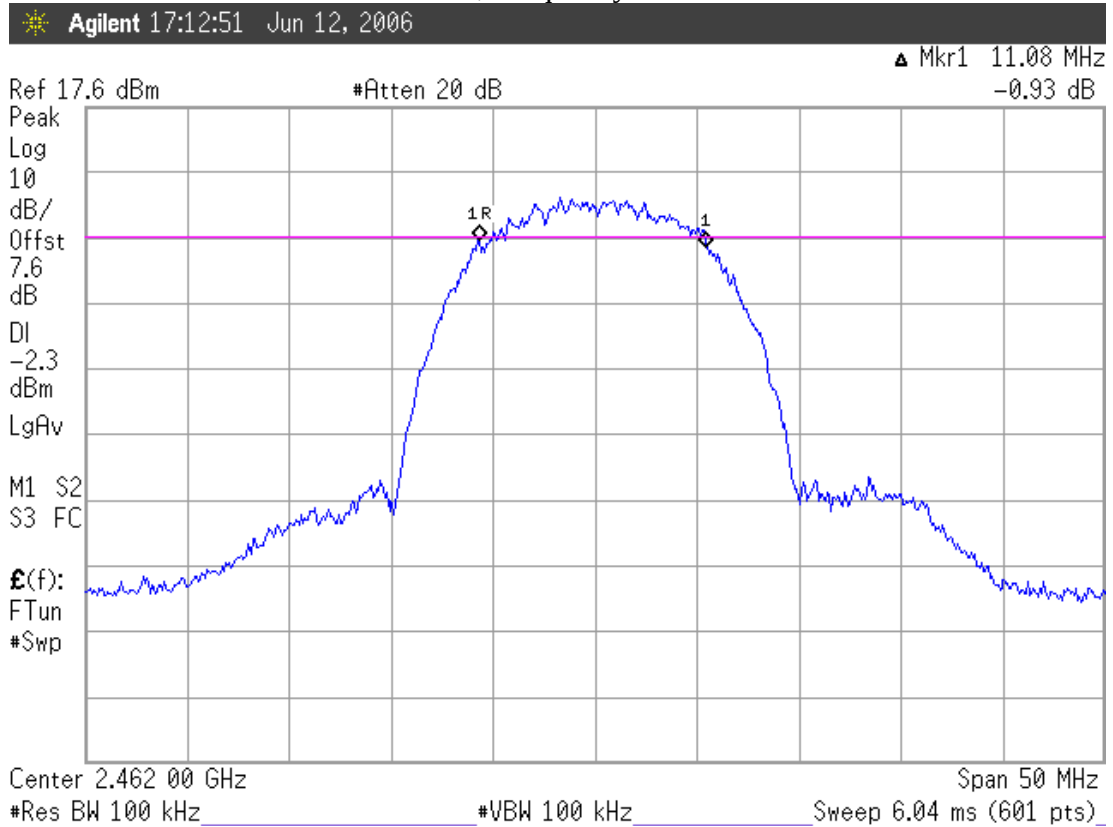
4.6.1.1. Channel 1, Frequency: 2412MHz



4.6.1.2. Channel 6, Frequency: 2437MHz

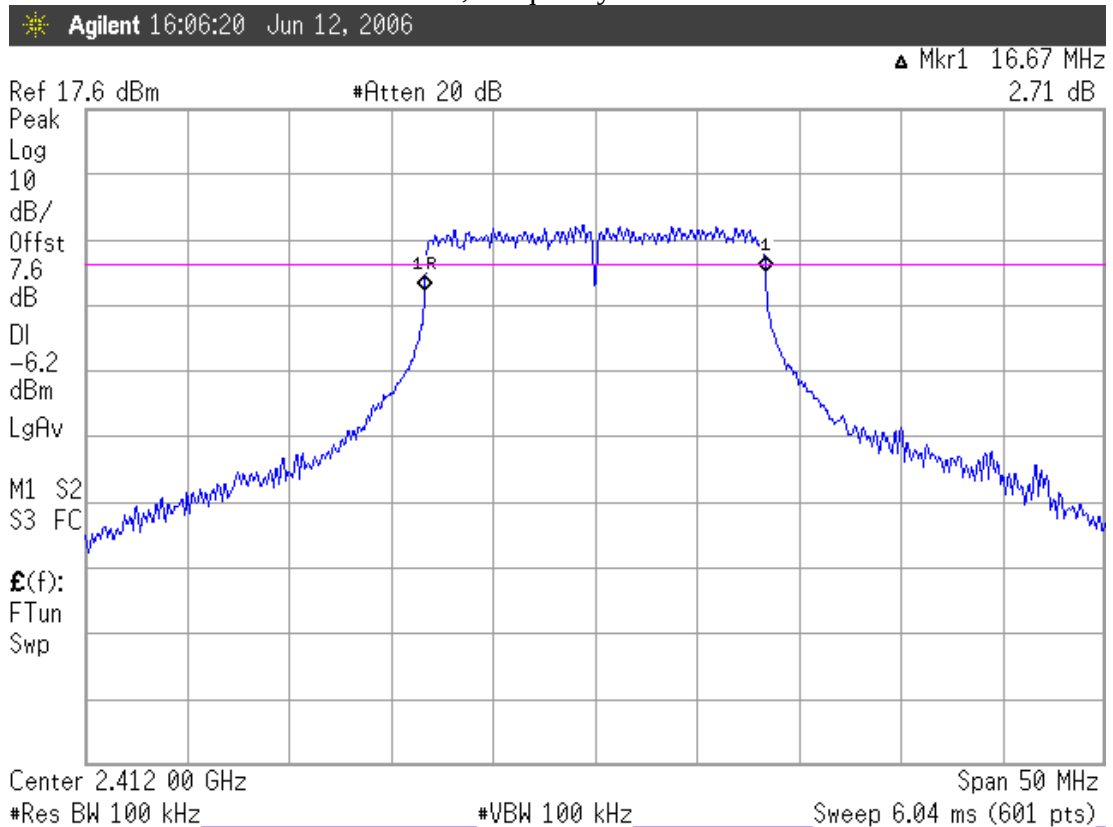


4.6.1.3. Channel 11, Frequency: 2462MHz

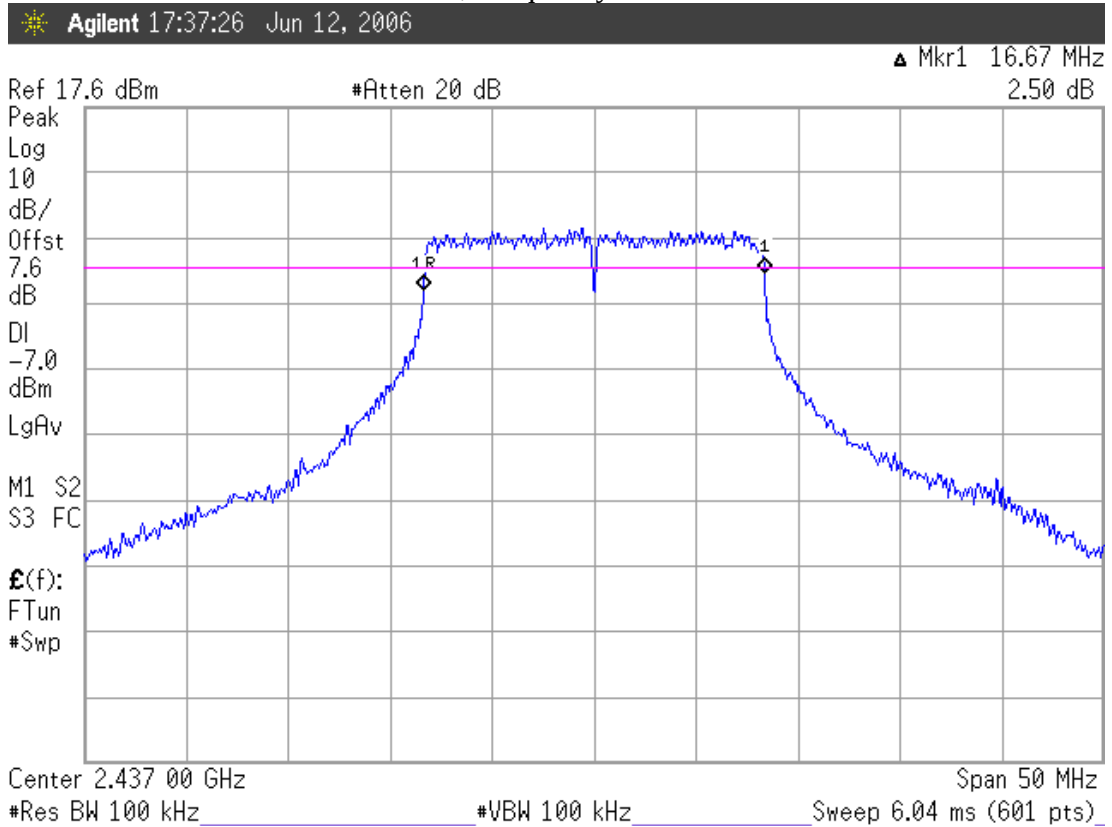


4.6.2. Test Mode: WLAN (802.11g)

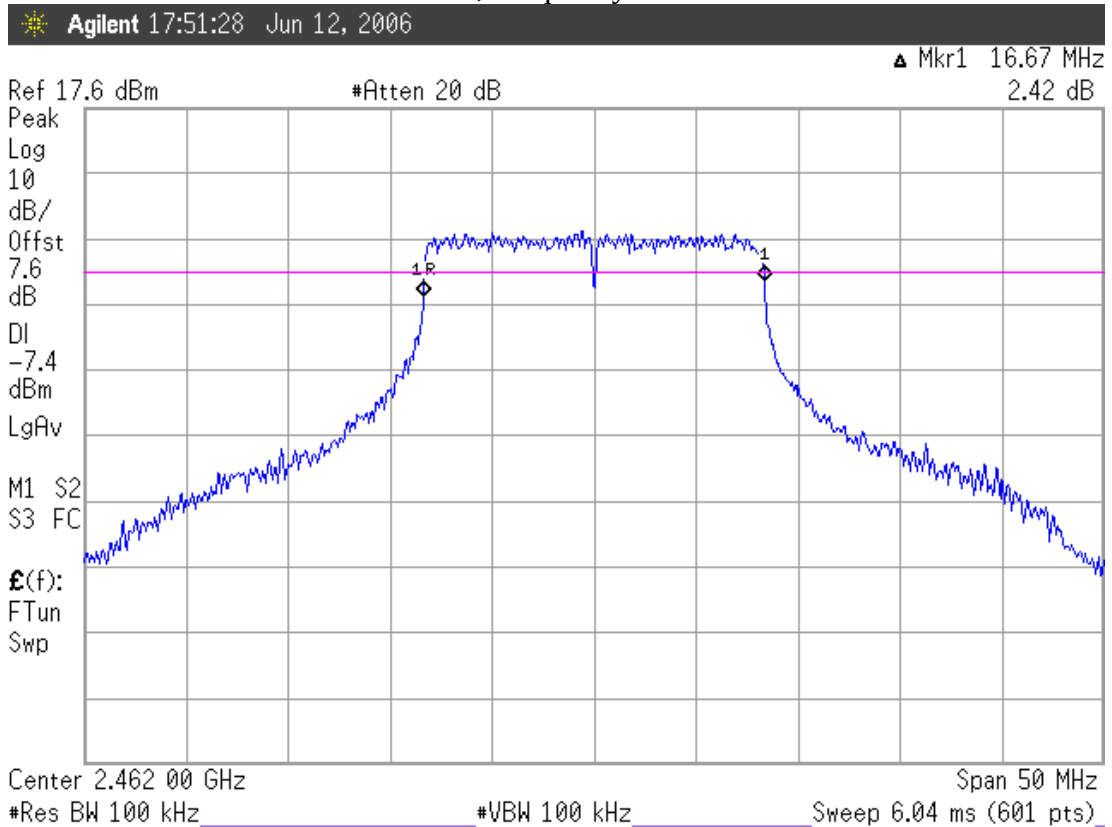
4.6.2.1. Channel 1, Frequency: 2412MHz



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 °C Humidity : 55 %

No.	Test Voltage	Test Mode	Channel	Frequency	Peak Output Power	Limit
1.	DC 3.7V (Via DC Power Supply)	WLAN (802.11b)	1	2412MHz	16.82dBm	30dBm
2.			6	2437MHz	17.01dBm	30dBm
3.			11	2462MHz	15.88dBm	30dBm
4.		WLAN (802.11g)	1	2412MHz	18.81MHz	30dBm
5.			6	2437MHz	18.88MHz	30dBm
6.			11	2462MHz	17.82MHz	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 °C Humidity : 55 %

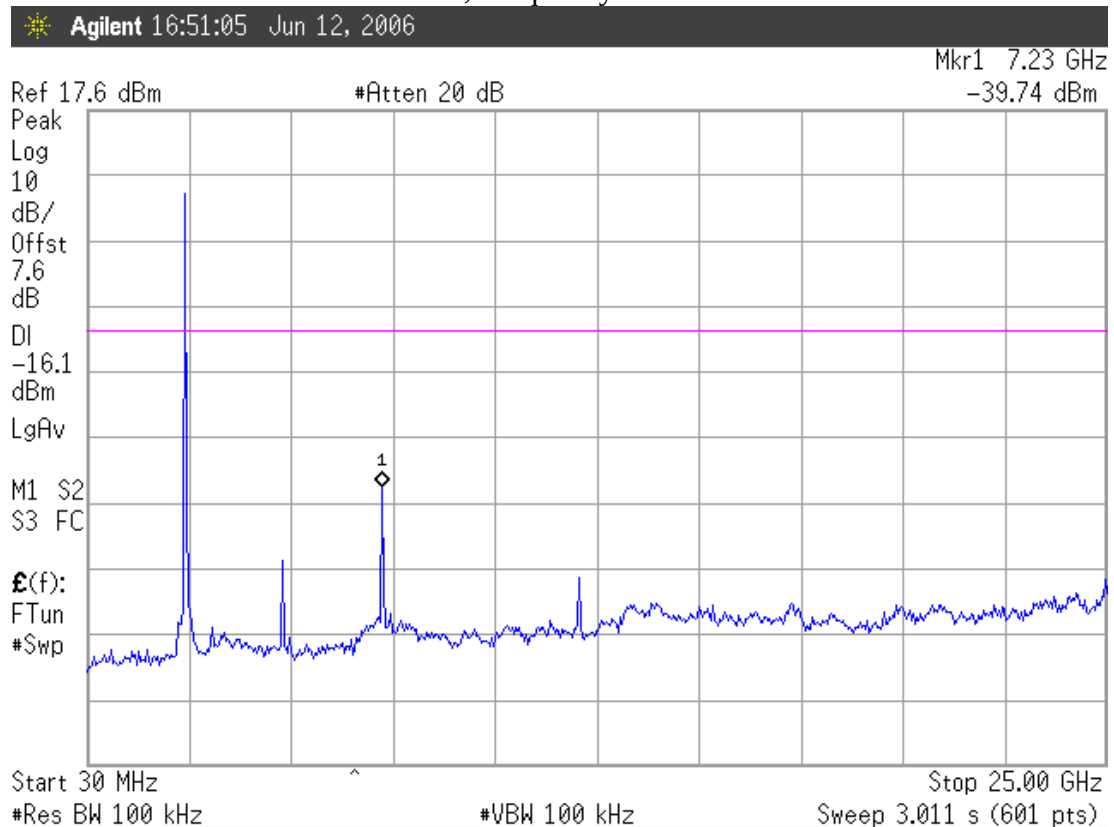
[Test Voltage is DC3.7V (via DC Power Supply)]

6.6.1. Test Mode: WLAN (802.11b)

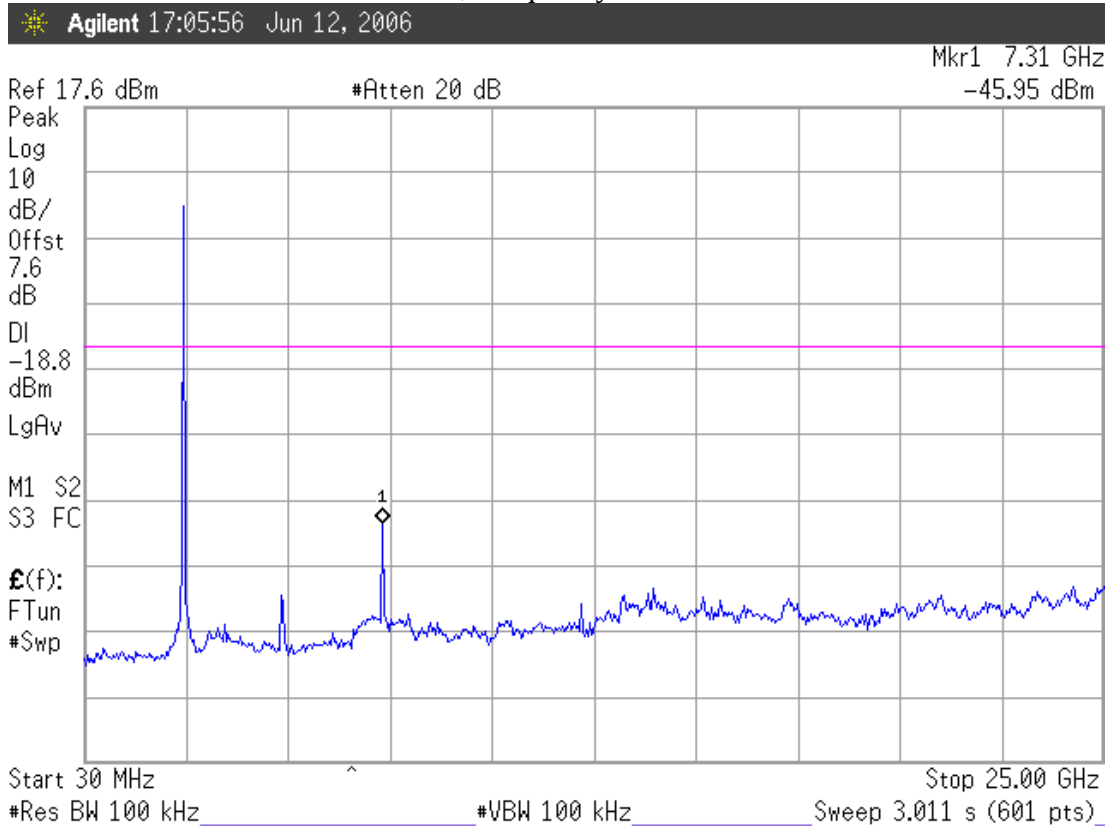
1. 2412MHz: During 30MHz~25GHz bandwidth. In the 2.4GHz, the -39.74dBm is max value that is lower than 20dB of primary channel.
2. 2437MHz: During 30MHz~25GHz bandwidth. In the 2.4GHz, the -45.95dBm is max value that is lower than 20dB of primary channel.
3. 2462MHz: During 30MHz~25GHz bandwidth. In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

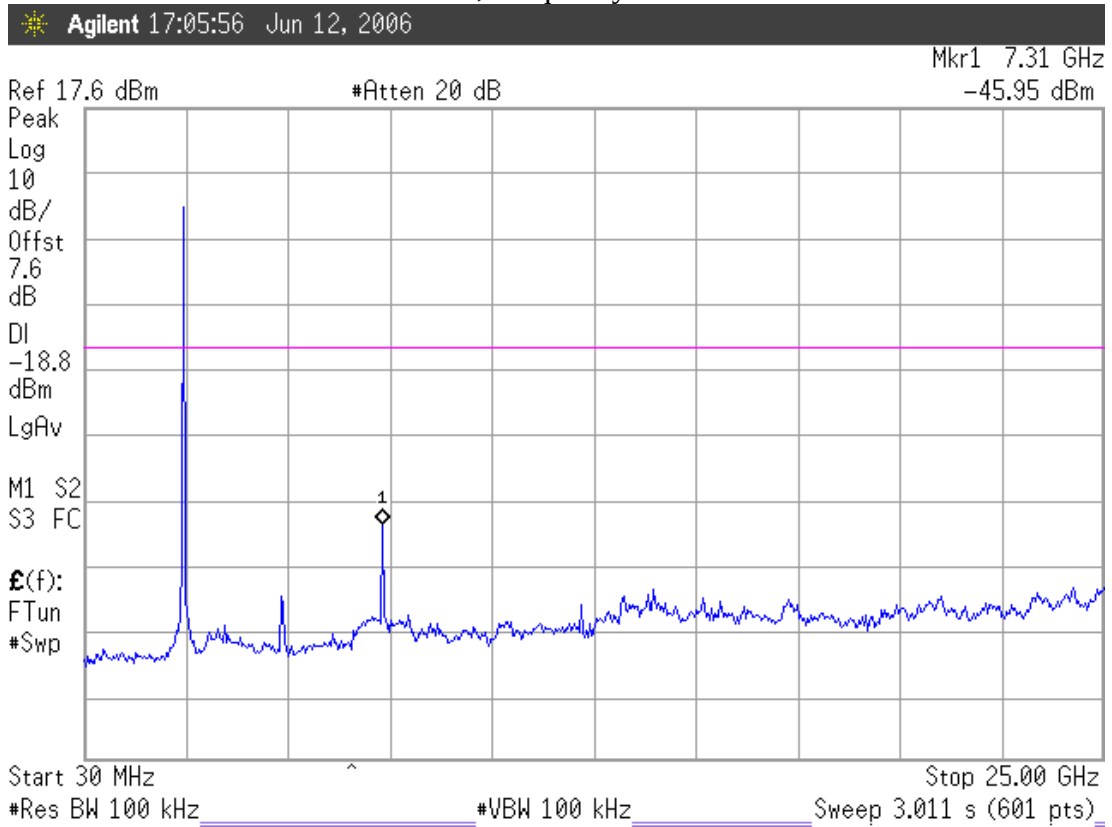
6.6.1.1. Channel 1, Frequency: 2412MHz



6.6.1.2. Channel 6, Frequency: 2437MHz



6.6.1.3. Channel 11, Frequency: 2462MHz

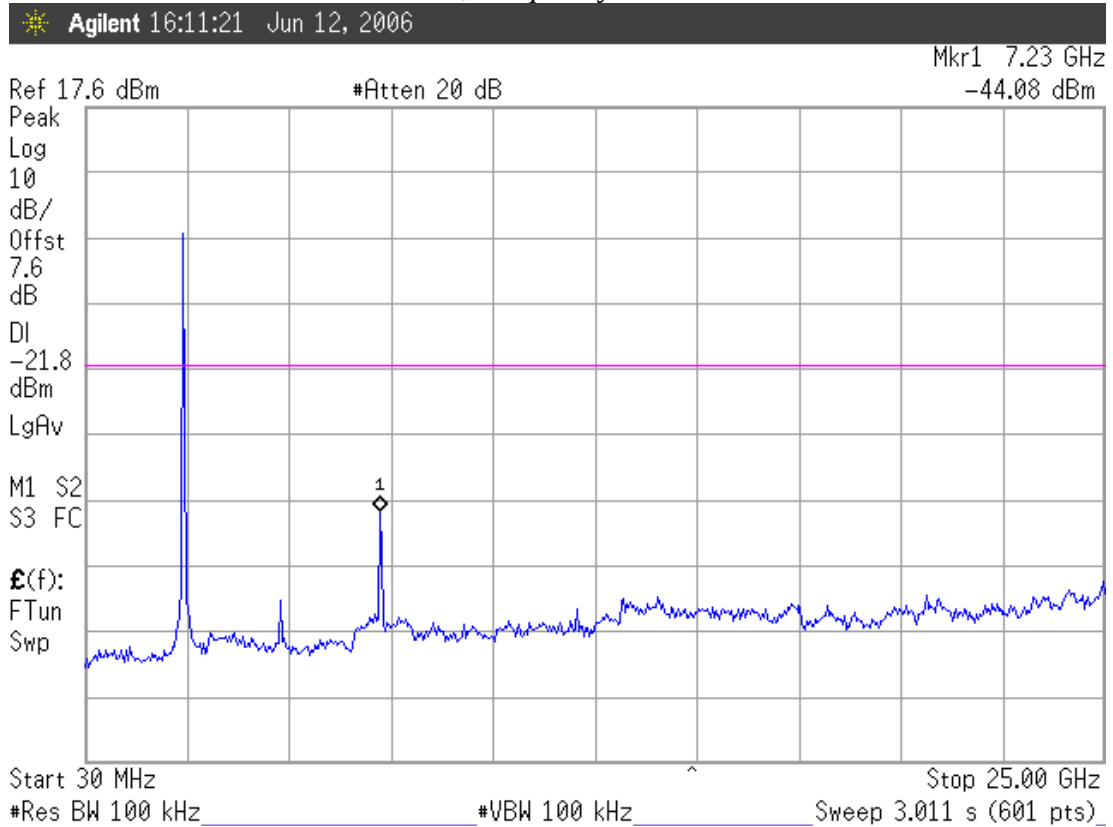


6.6.2. Test Mode: WLAN (802.11g)

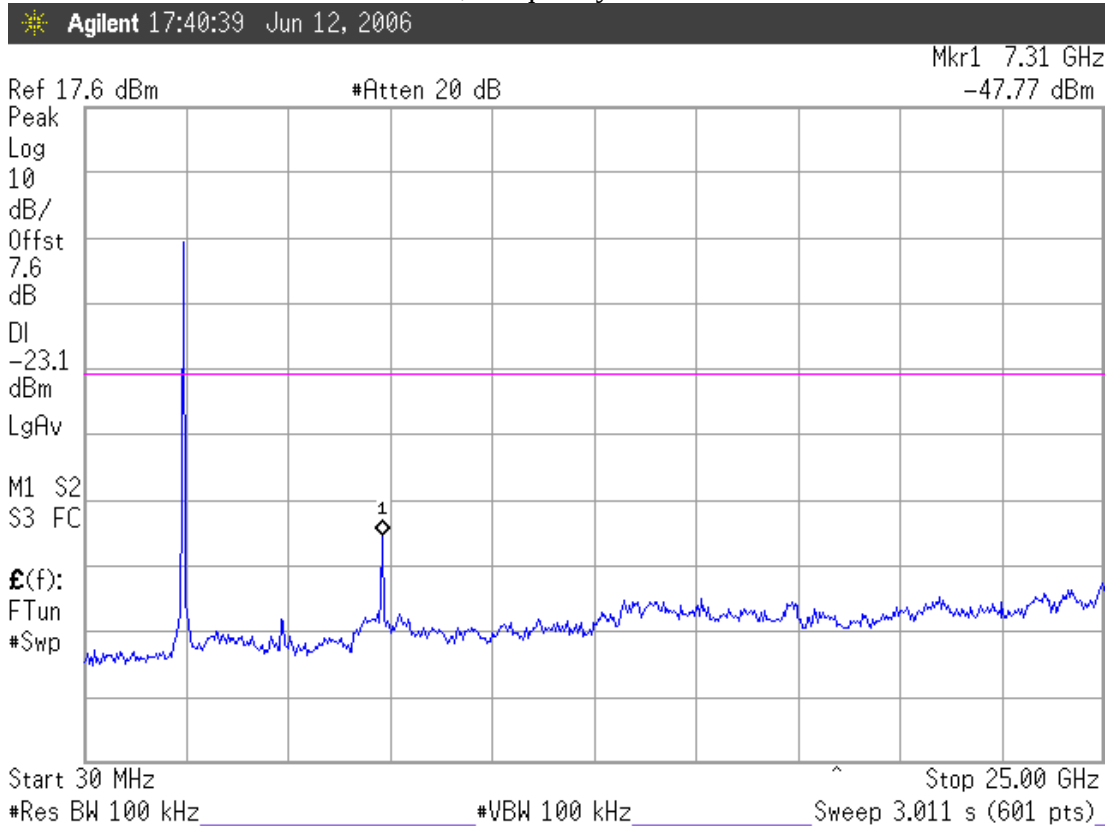
1. 2412MHz: During 30MHz~25GHz bandwidth. In the 2.4GHz, the -44.08dBm is max value that is lower than 20dB of primary channel.
2. 2437MHz: During 30MHz~25GHz bandwidth. In the 2.4GHz, the -47.77dBm is max value that is lower than 20dB of primary channel.
3. 2462MHz: During 30MHz~25GHz bandwidth. In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

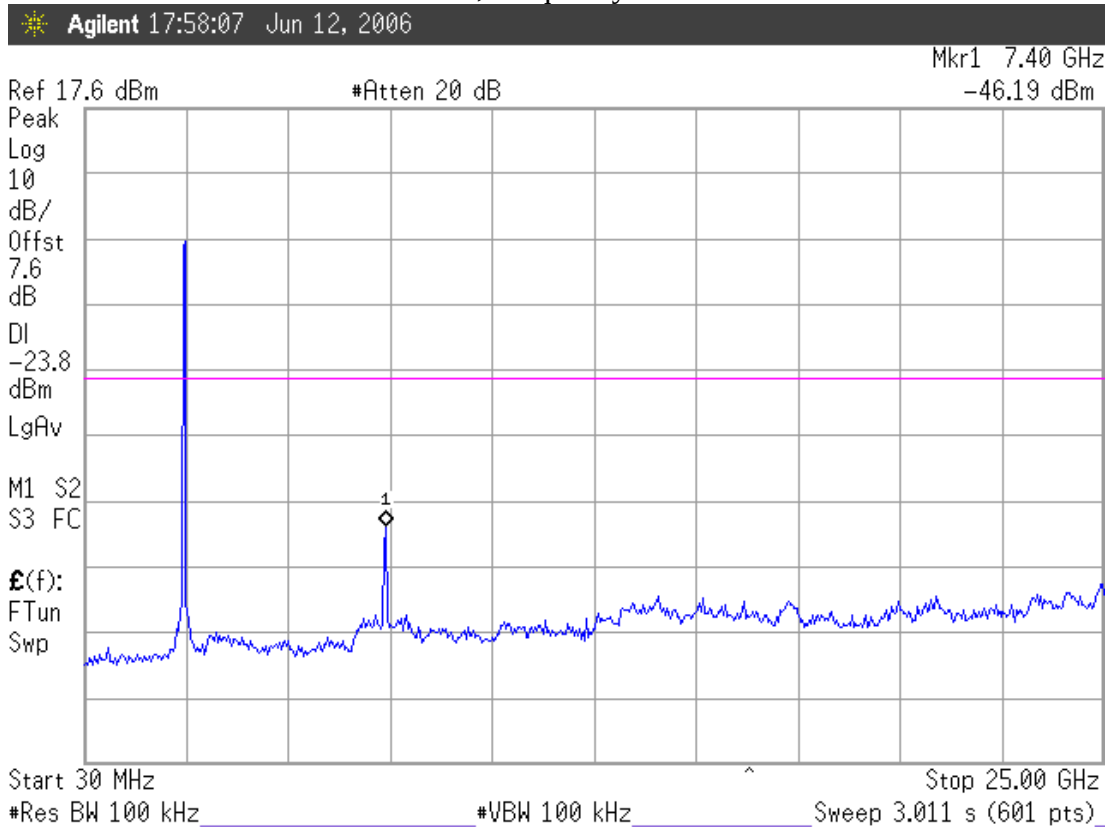
6.6.2.1. Channel 1, Frequency: 2412MHz



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.

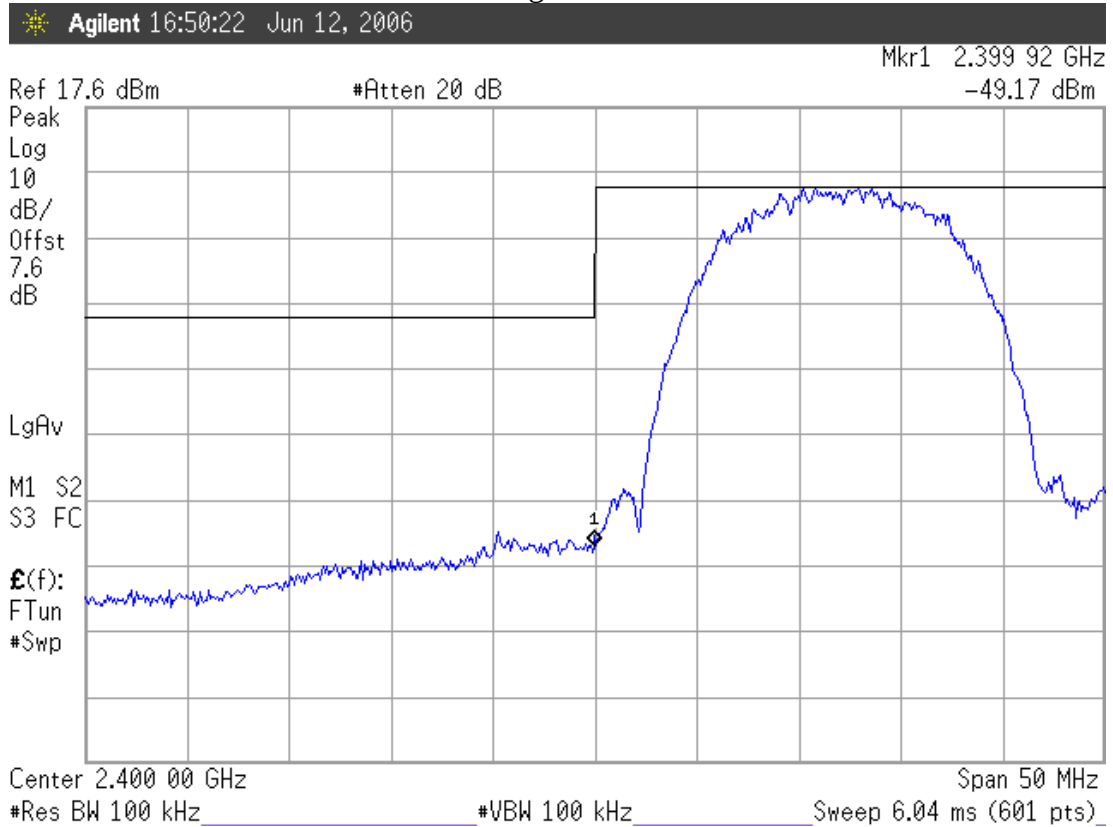
Test Date : Jun. 12, 2006 Temperature : 24 °C Humidity : 55 %

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

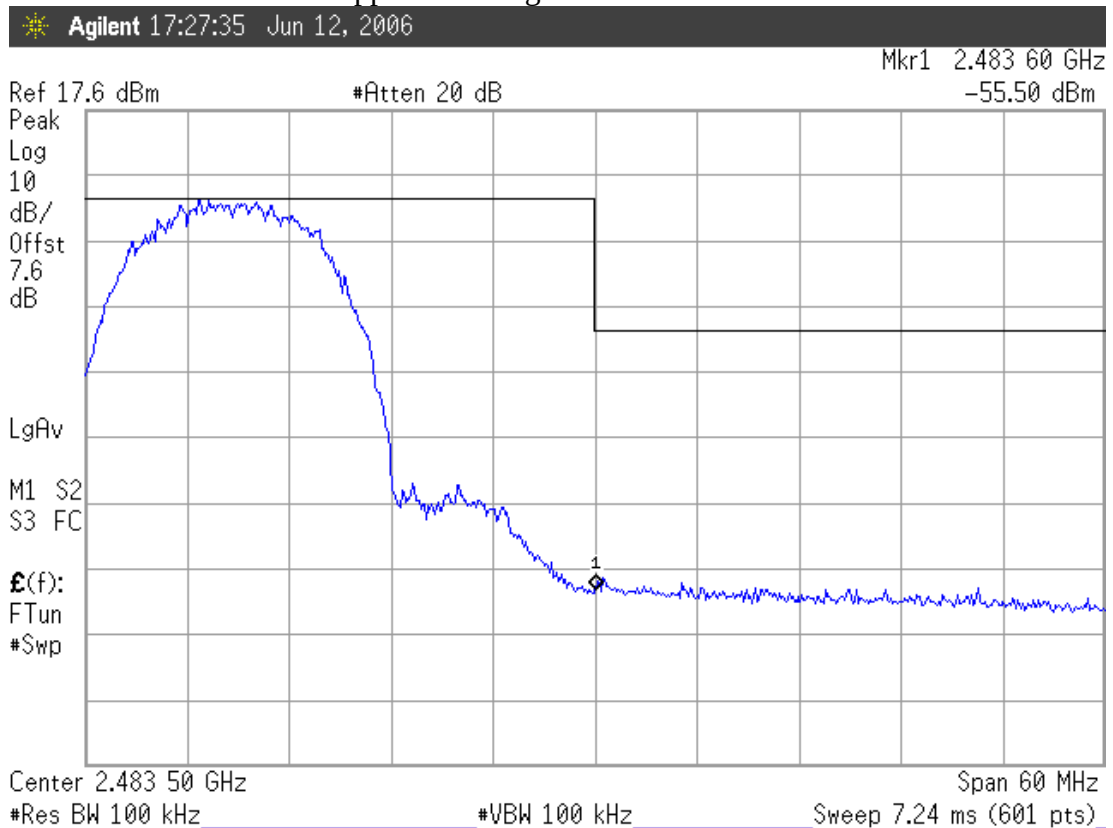
7.6.1. Test Mode: WLAN (802.11b)

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



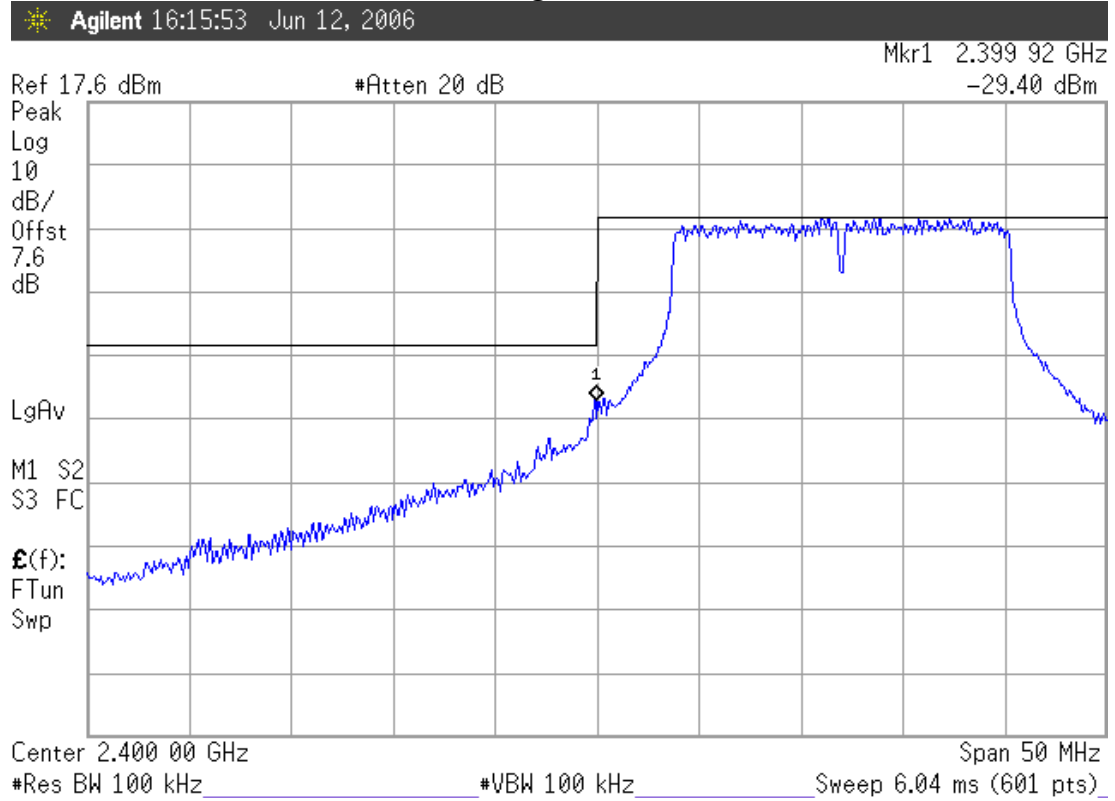
7.6.1.2. Upper Band edge



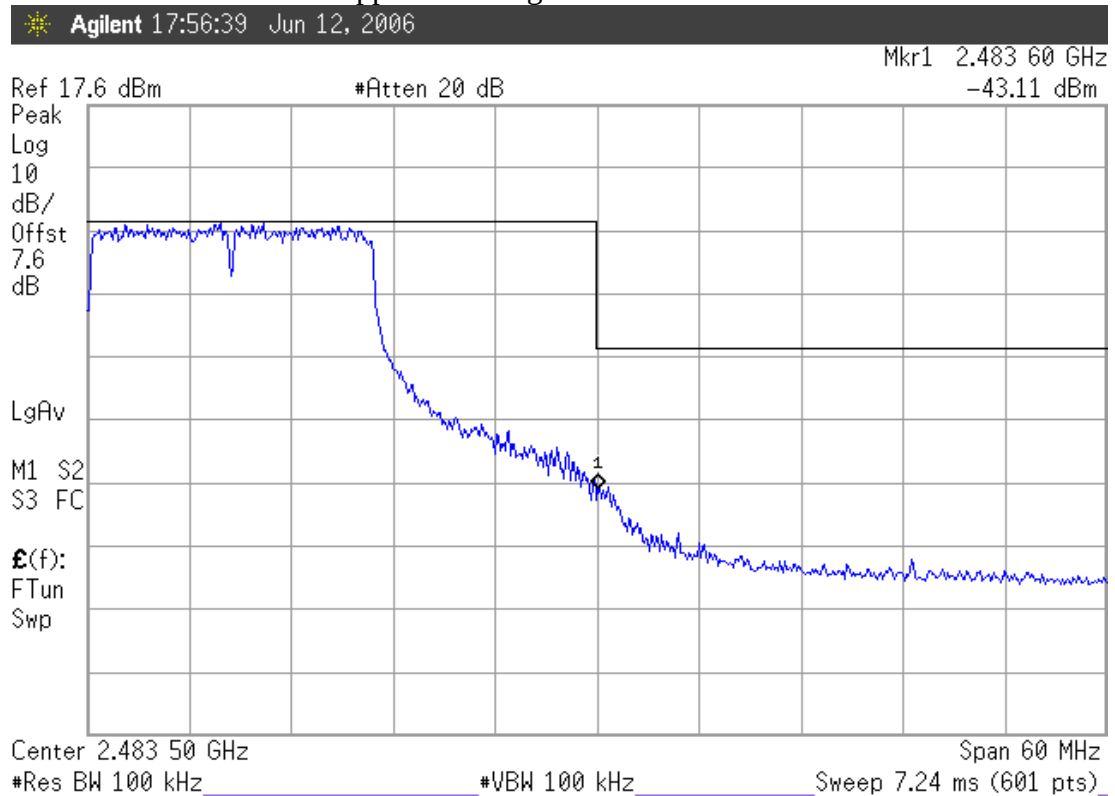
7.6.2. Test Mode: WLAN (802.11g)

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

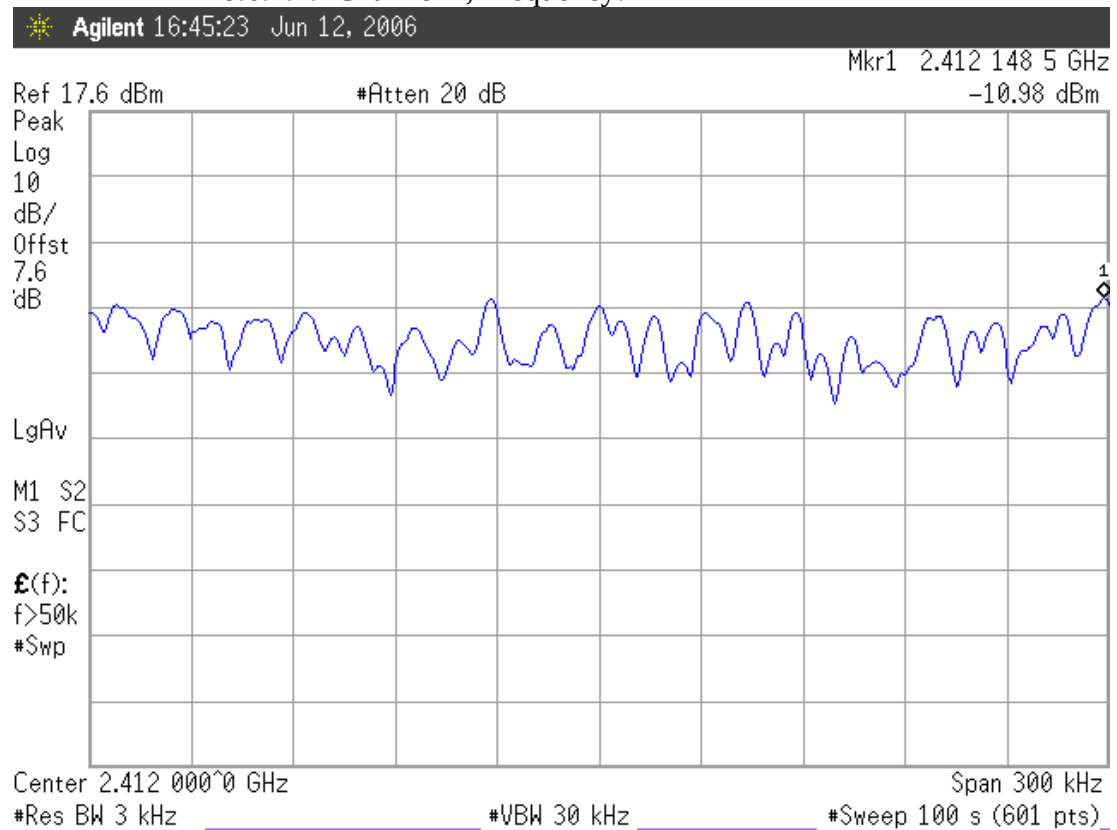
PASSED. All the test results are attached in next pages.

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

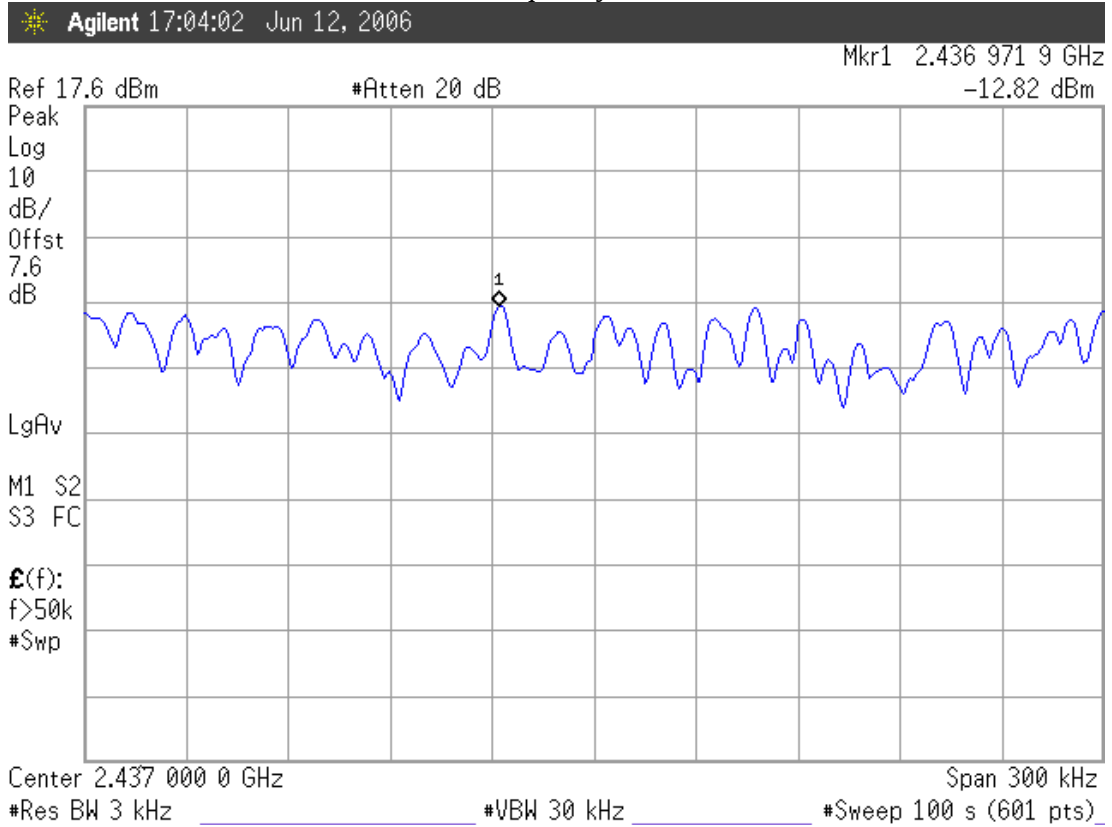
No.	Test Voltage	Test Mode	Channel	Frequency	Power Spectral Density	Limit
1.	DC 3.7V (Via DC Power Supply)	WLAN (802.11b)	1	2412MHz	-10.98dBm	8dBm
2.			6	2437MHz	-12.82dBm	8dBm
3.			11	2462MHz	-12.69dBm	8dBm
4.		WLAN (802.11g)	1	2412MHz	-22.53MHz	8dBm
5.			6	2437MHz	-23.45MHz	8dBm
6.			11	2462MHz	-23.51MHz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

8.6.1. Test Mode: WLAN (802.11b)

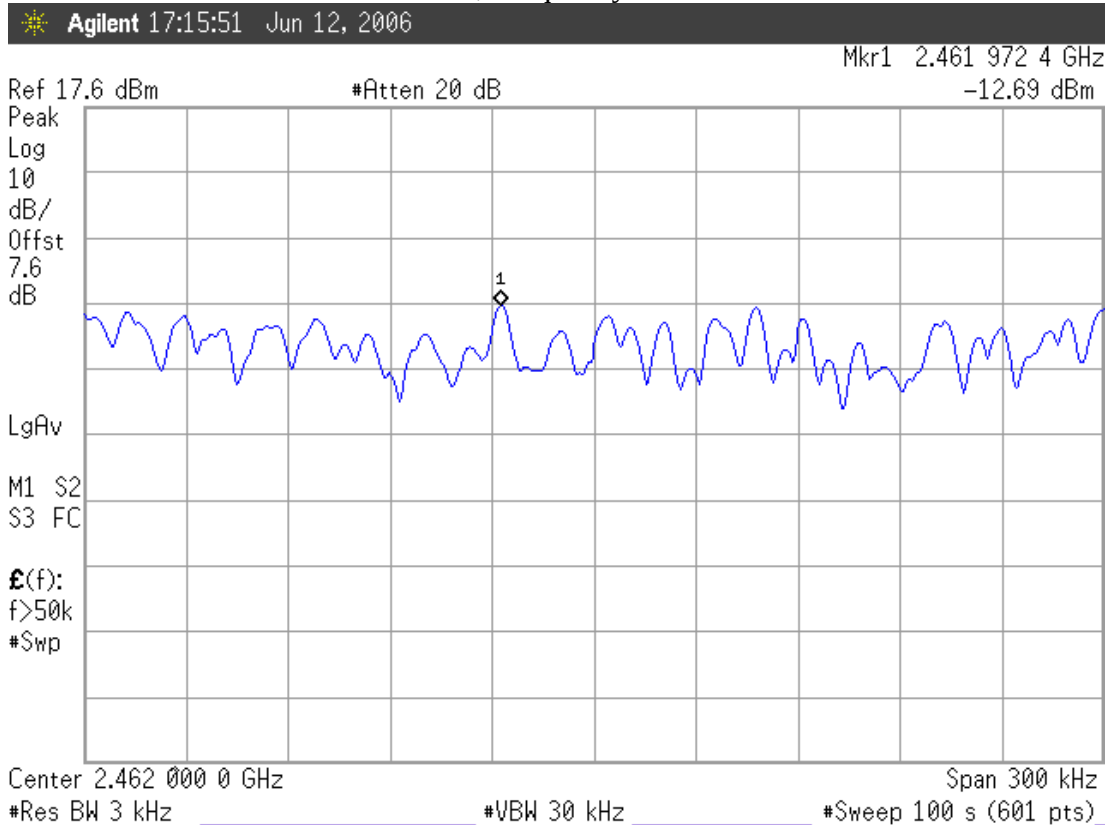
8.6.1.1. Channel 1, Frequency: 2412MHz



8.6.1.2. Channel 6, Frequency: 2437MHz

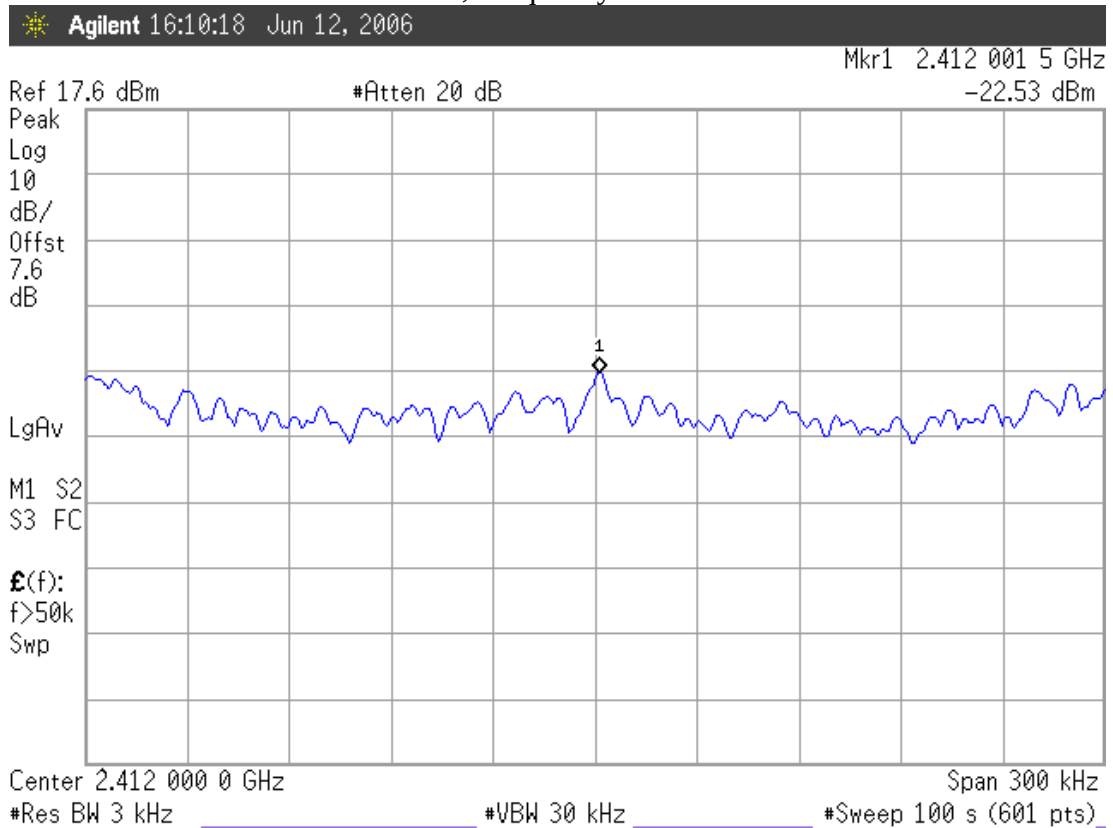


8.6.1.3. Channel 11, Frequency: 2462MHz

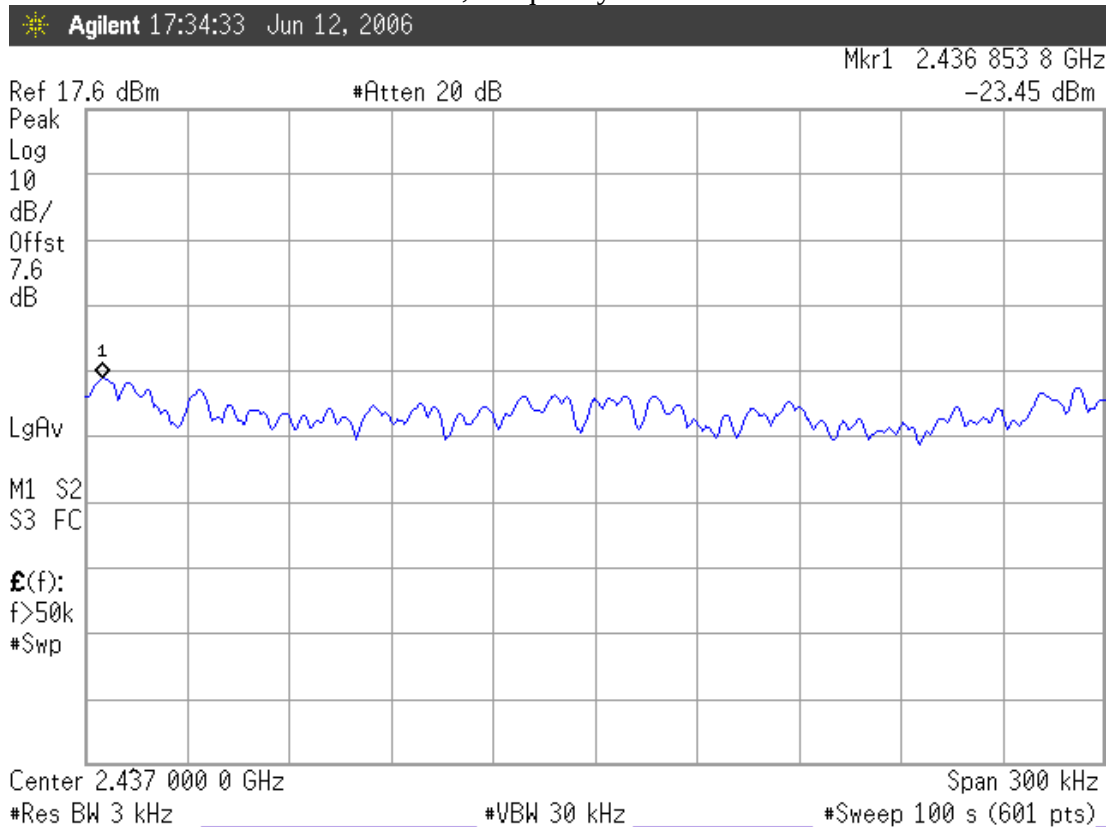


8.6.2. Test Mode: WLAN (802.11g)

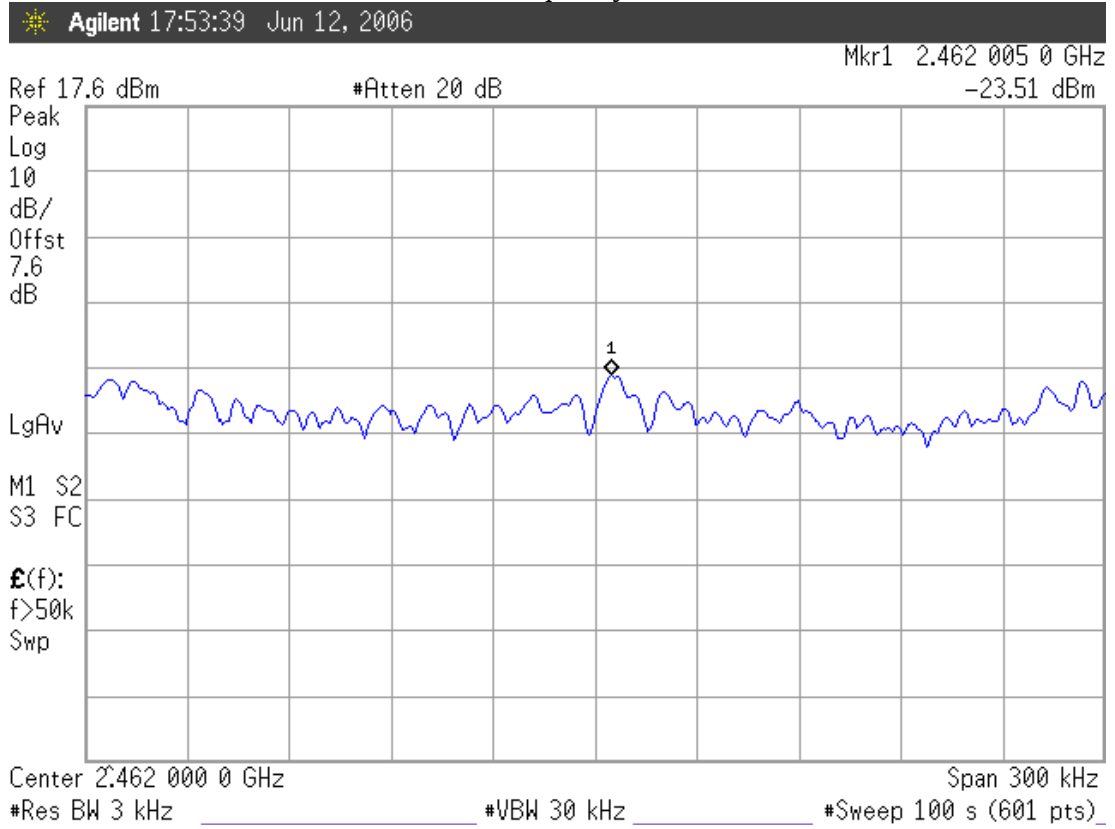
8.6.2.1. Channel 1, Frequency: 2412MHz



8.6.2.2. Channel 6, Frequency: 2437MHz



8.6.2.3. Channel 11, Frequency: 2462MHz



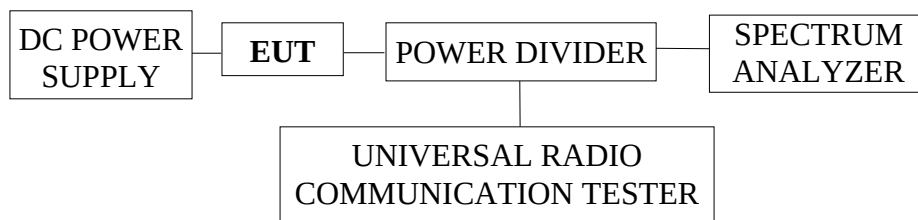
9. CARRIER FREQUENCY SEPARATION MEASUREMENT (BLUETOOTH)

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.

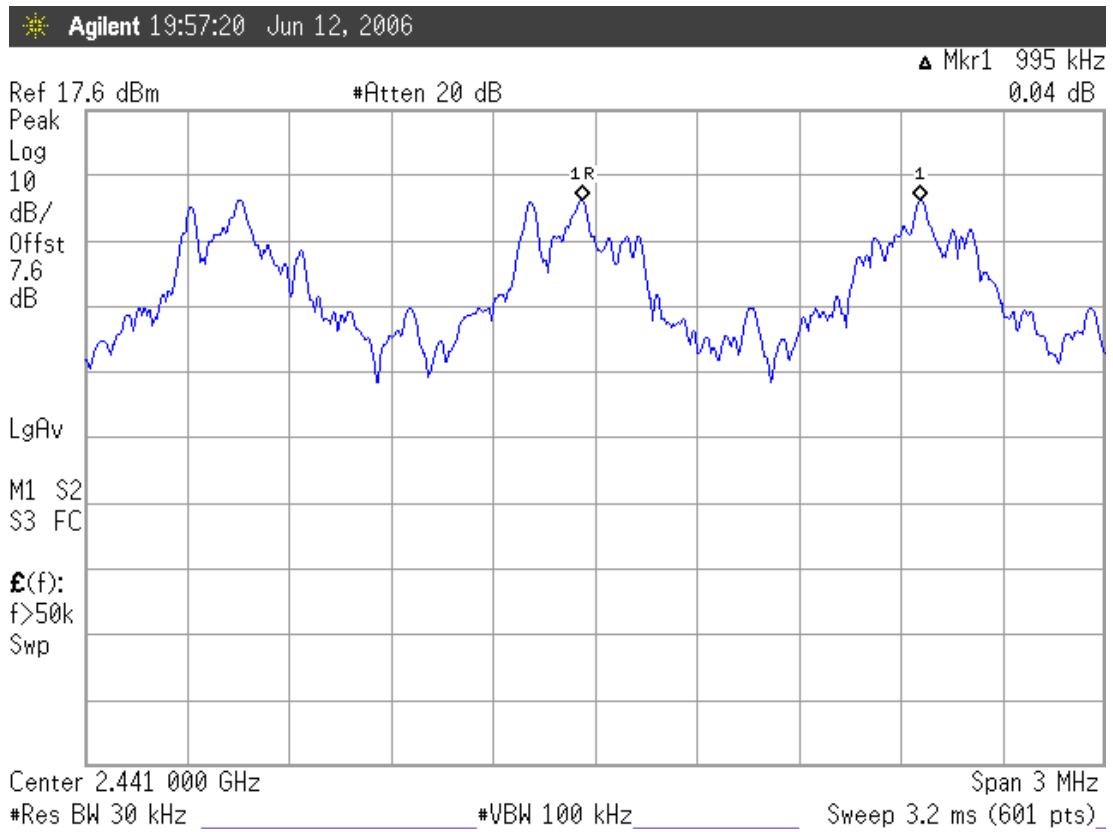
Test Date : Jun. 12, 2006 Temperature : 24 °C Humidity : 55 %

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

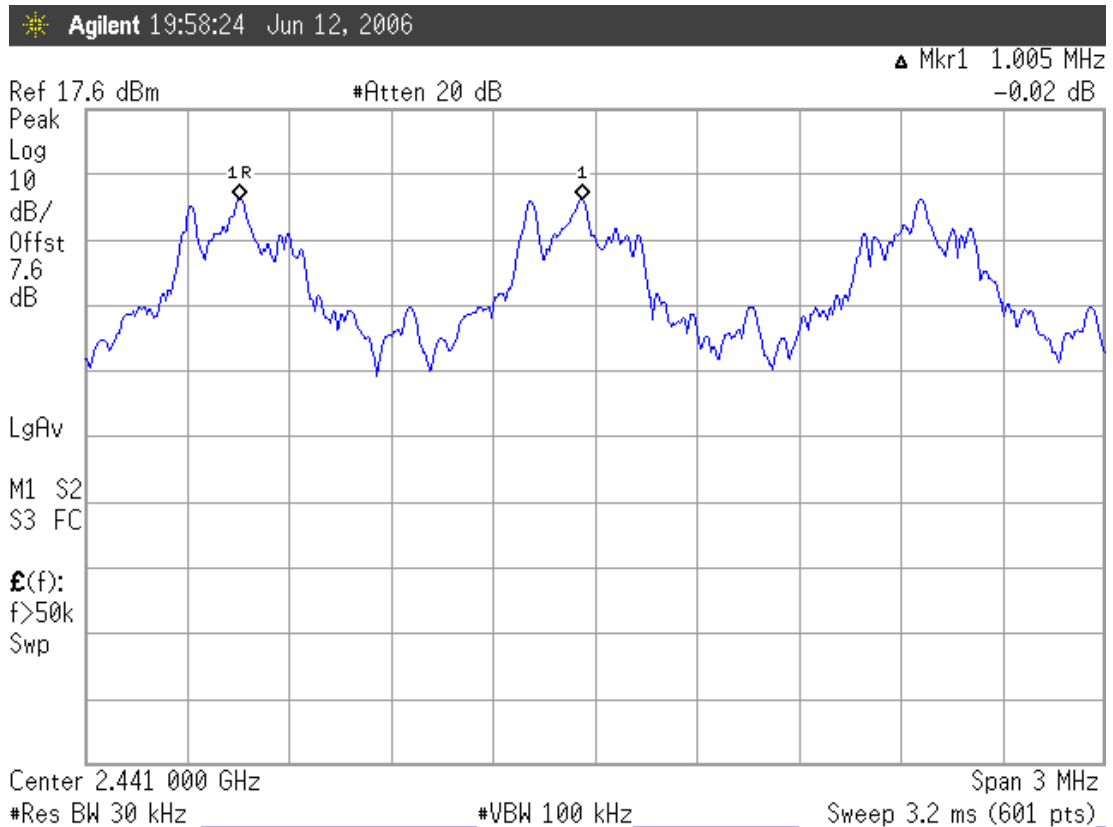
1. 2441MHz adjacent channel of right carrier frequency separation: 995kHz.
2. 2441MHz adjacent channel of left carrier frequency separation: 1.005MHz.

[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.

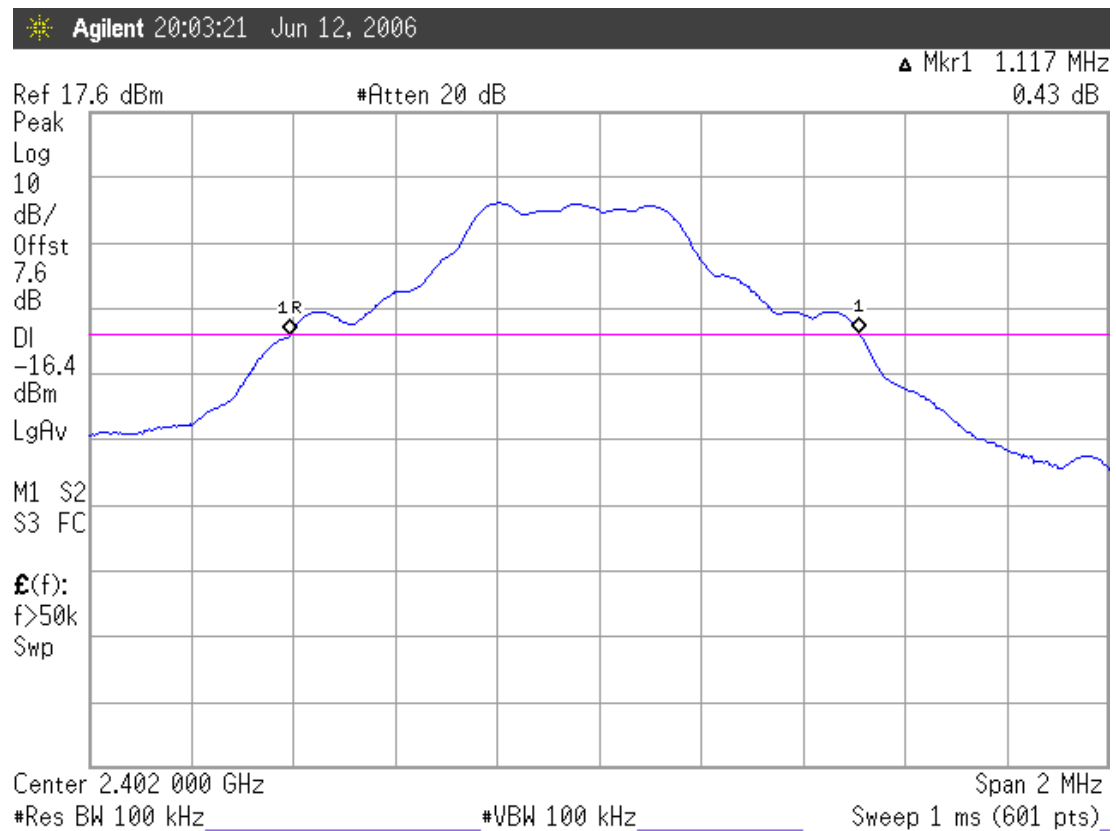
10.6. Test Results

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

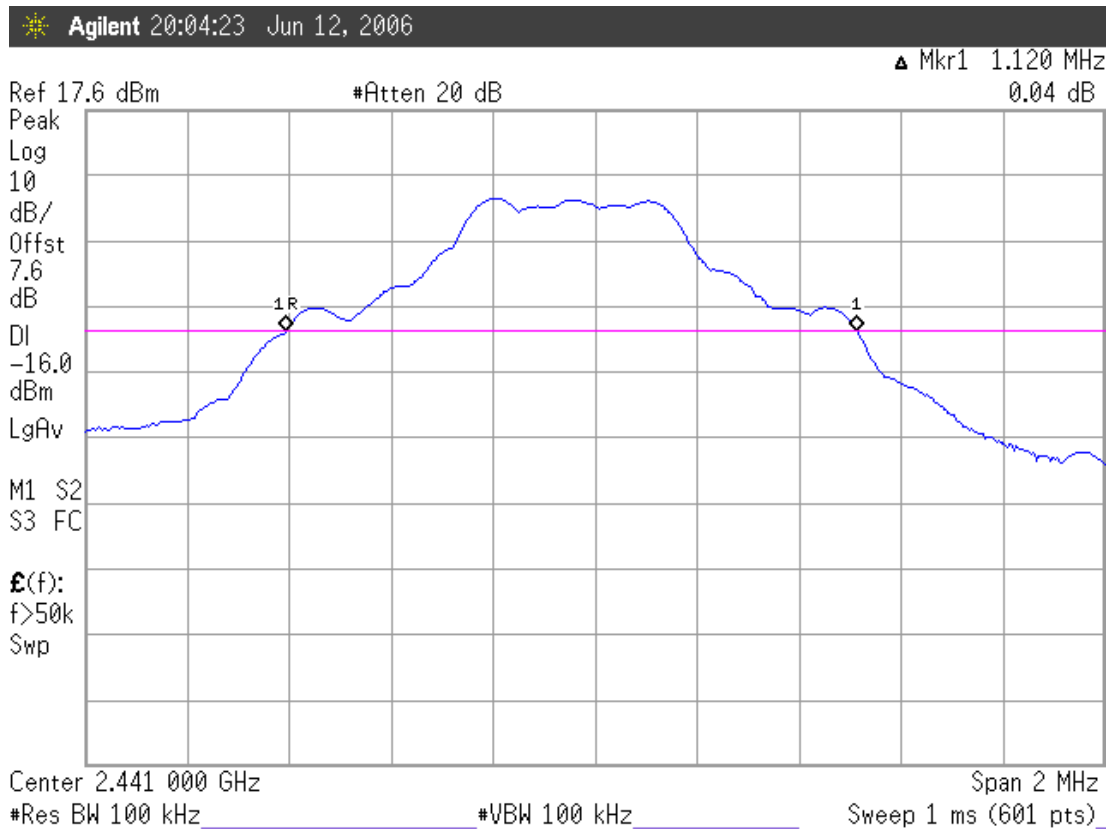
Test Date : Jun. 12, 2006 Temperature : 24 °C Humidity : 55 %

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

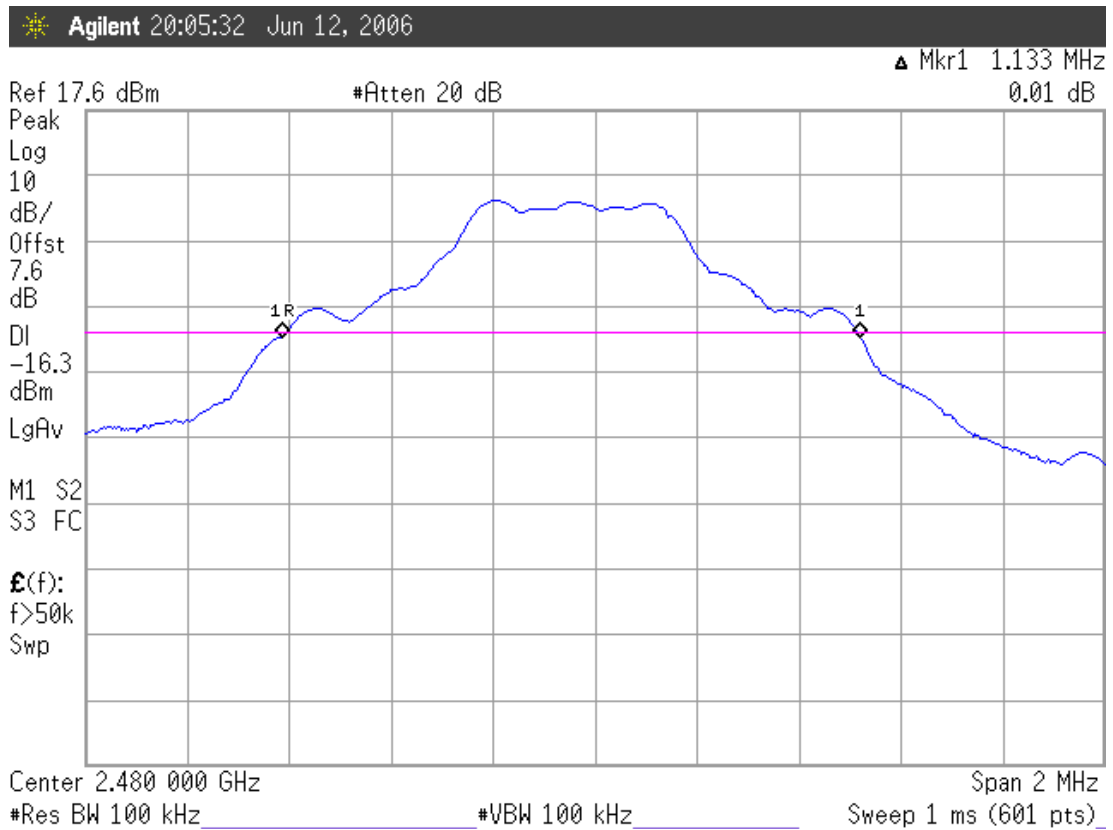
10.6.1. Channel 0, Frequency: 2402MHz



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 °C 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.

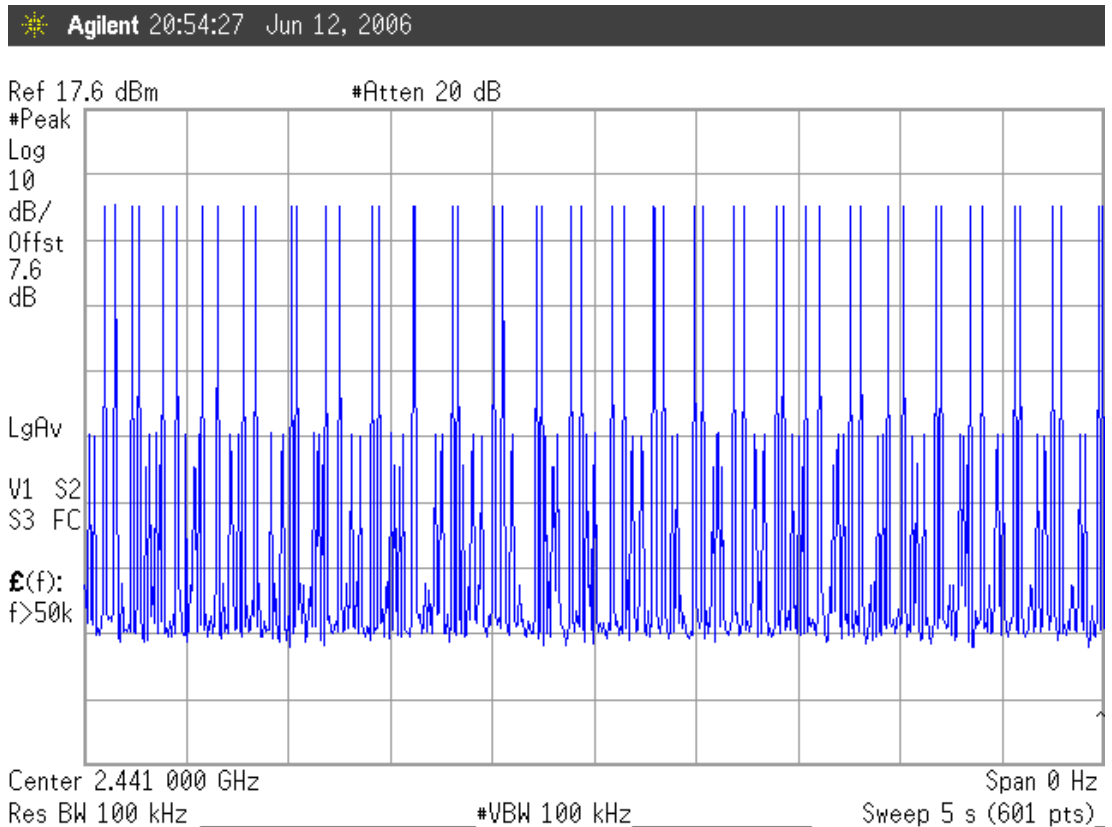
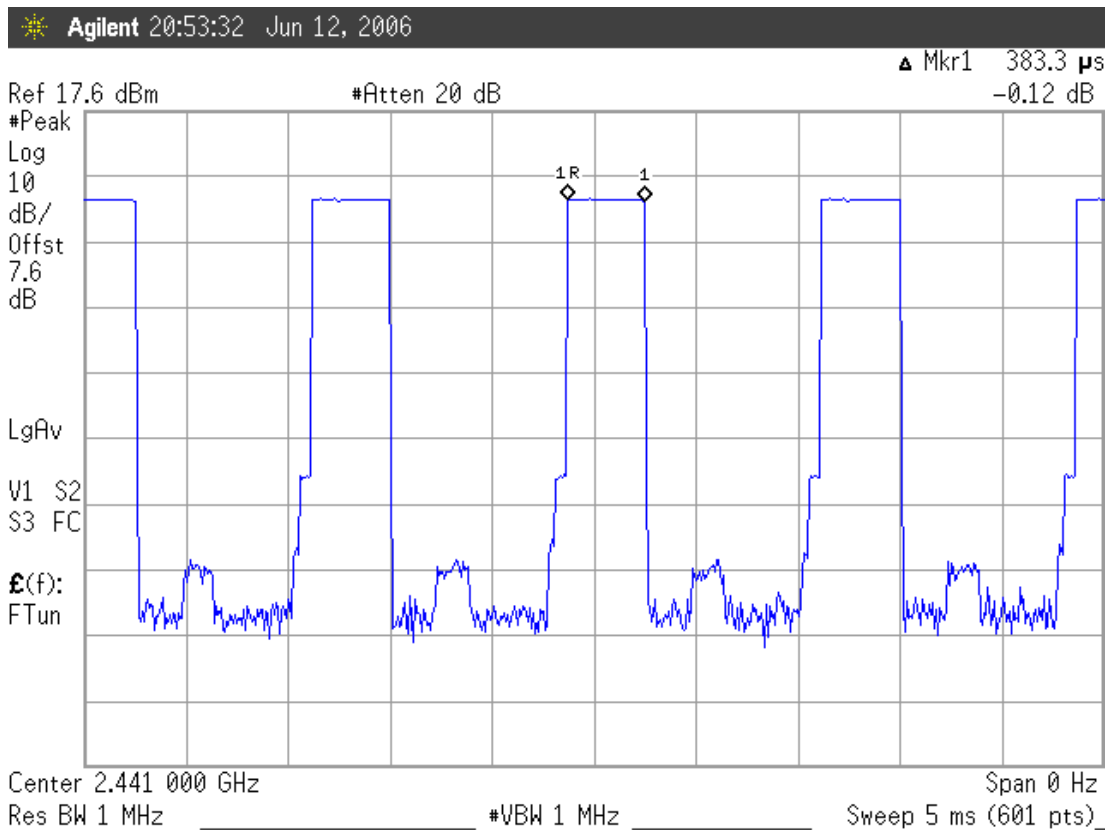
Each Tx-time per appearance is 2875us.

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

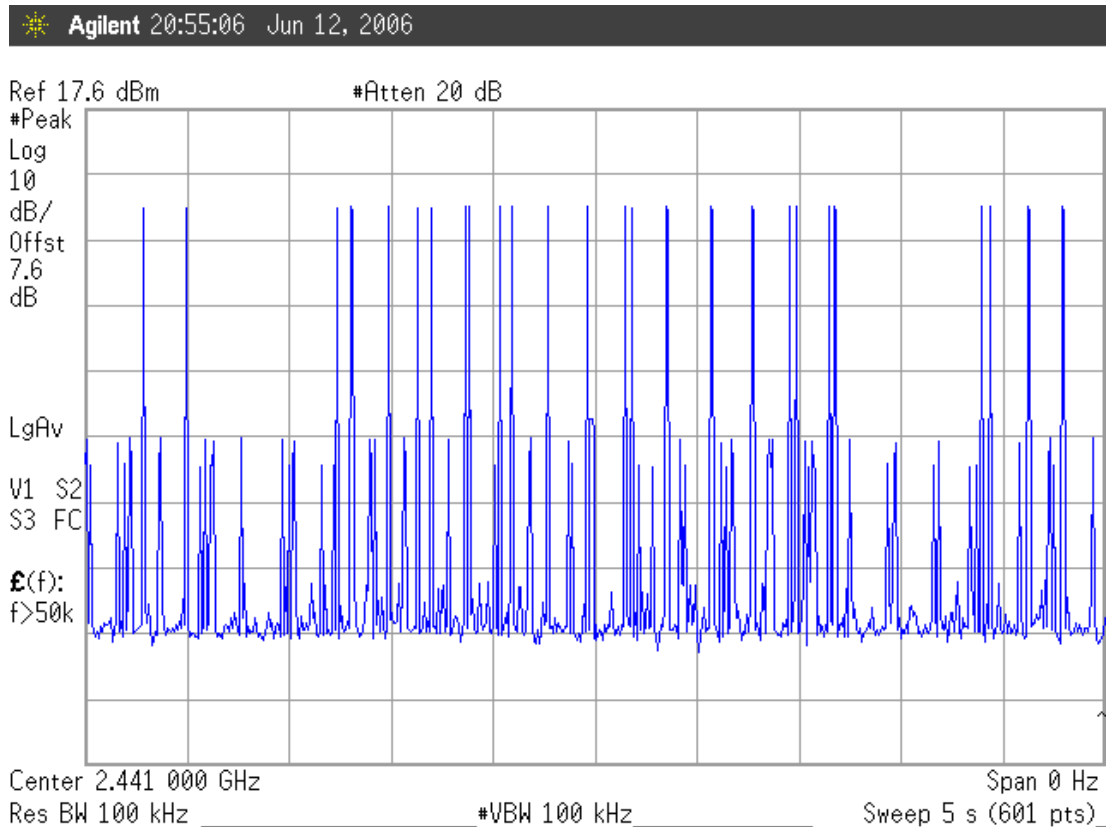
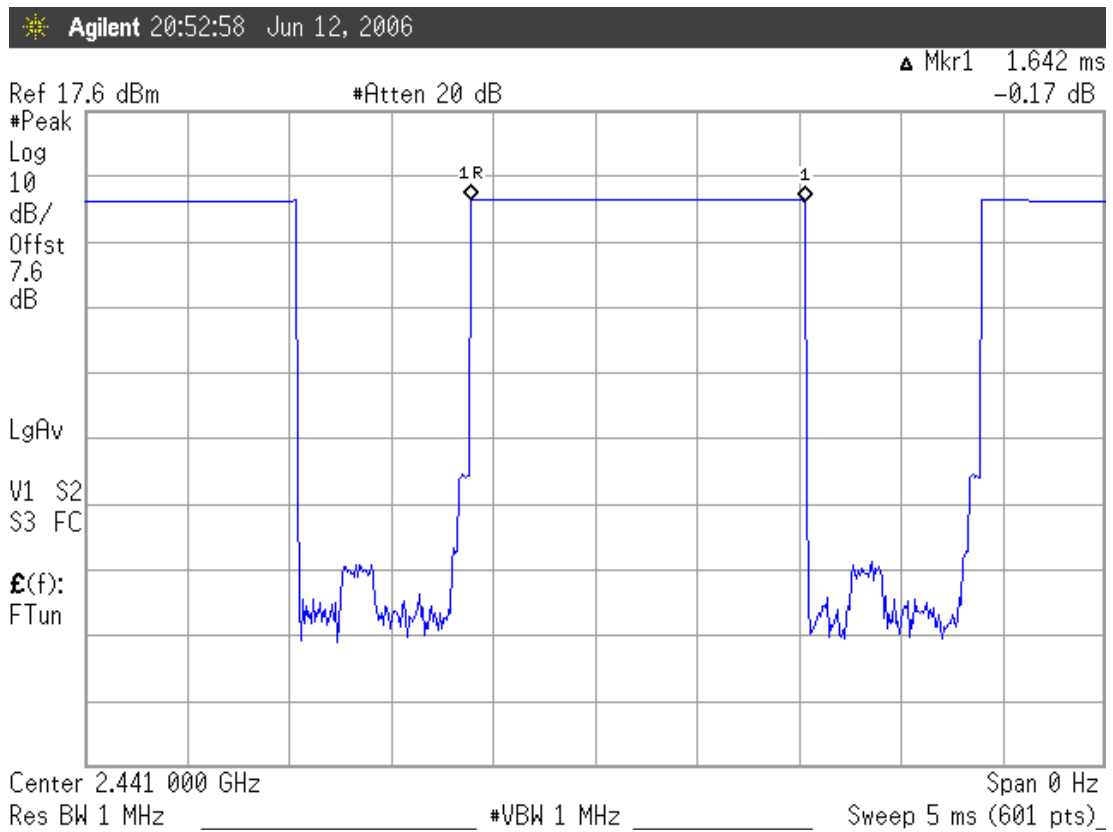
B. For each 5 seconds of 17 channels appearance, the longest time of occupancy for each of 31.6 seconds is:

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

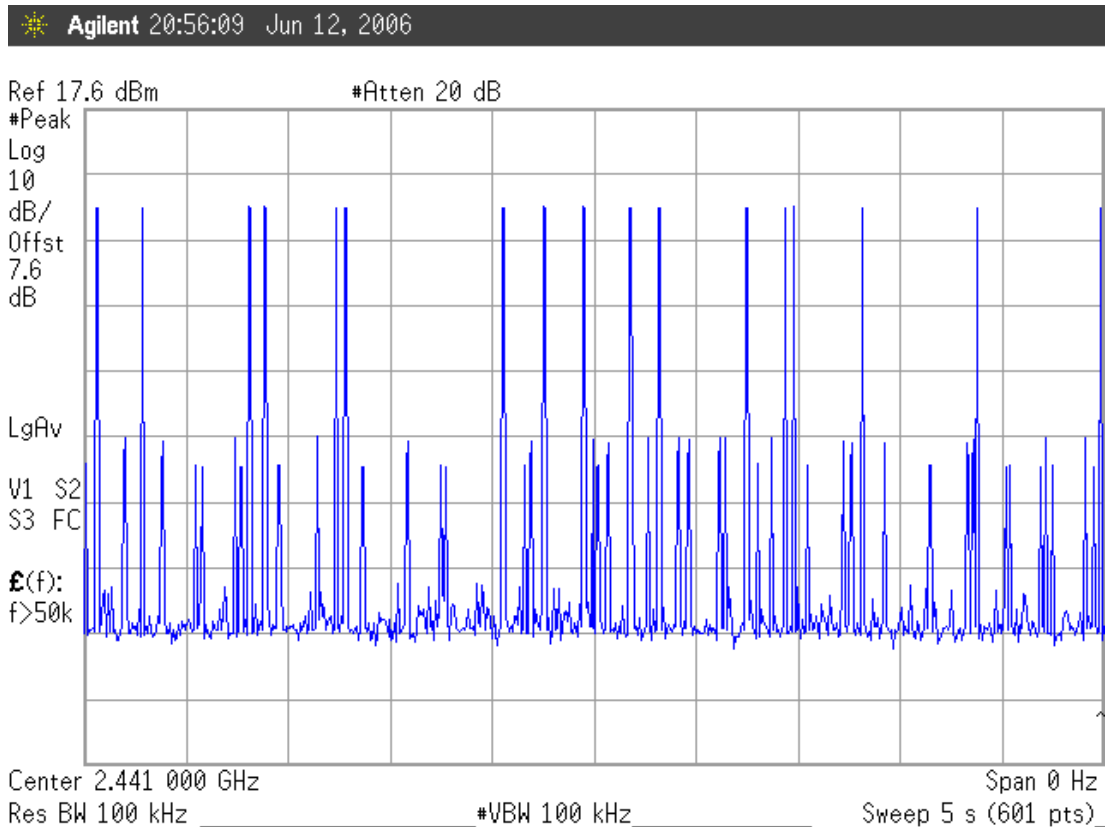
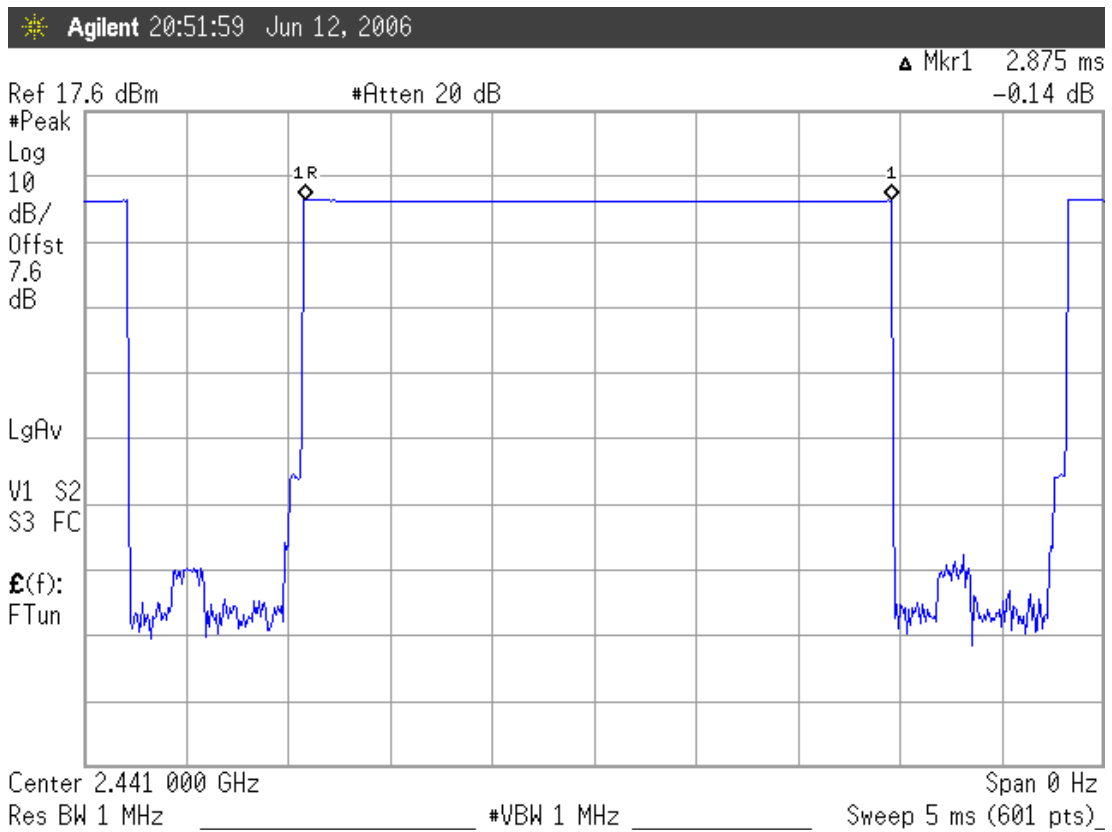
11.6.1. DH1



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

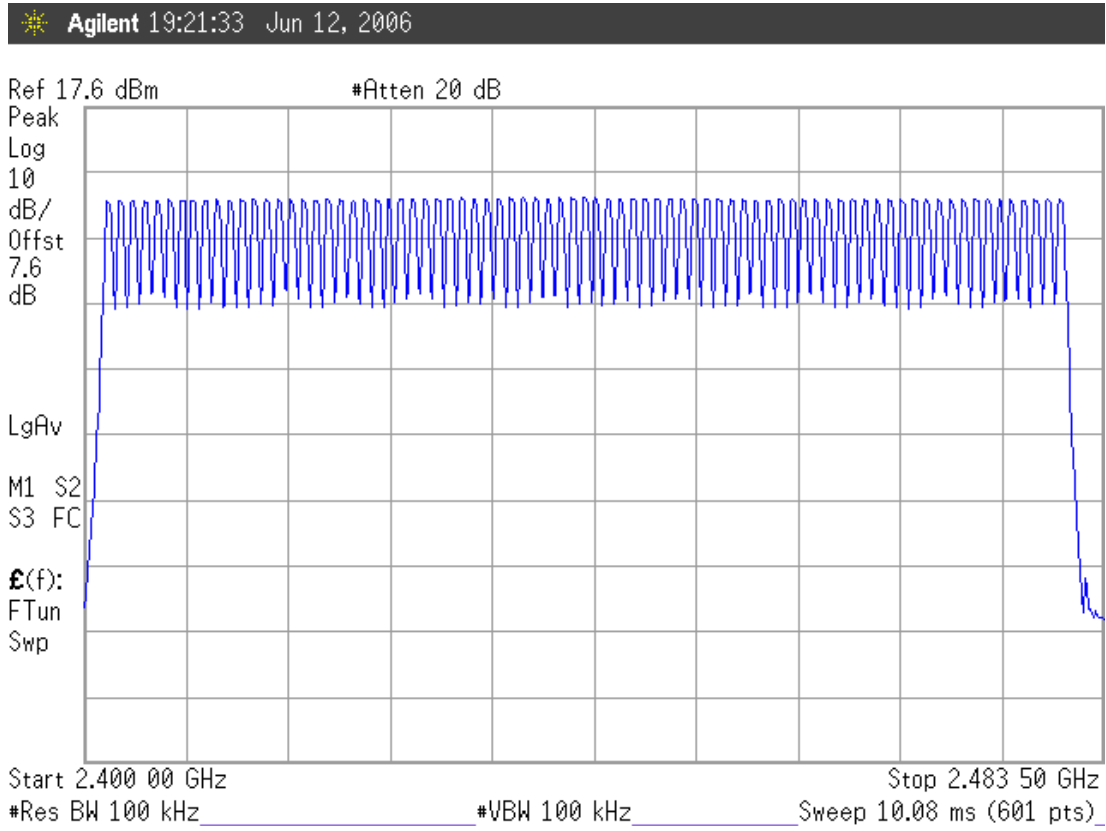
12.6.Test Results

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

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

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

The number hopping channel is 79.



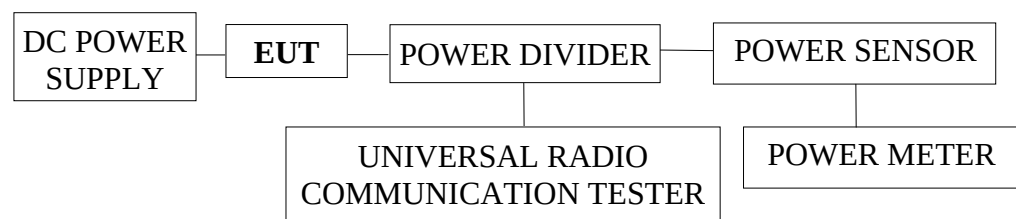
13. MAXIMUM PEAK OUTPUT POWER MEASUREMENT (BLUETOOTH)

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 °C Humidity : 55 %

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

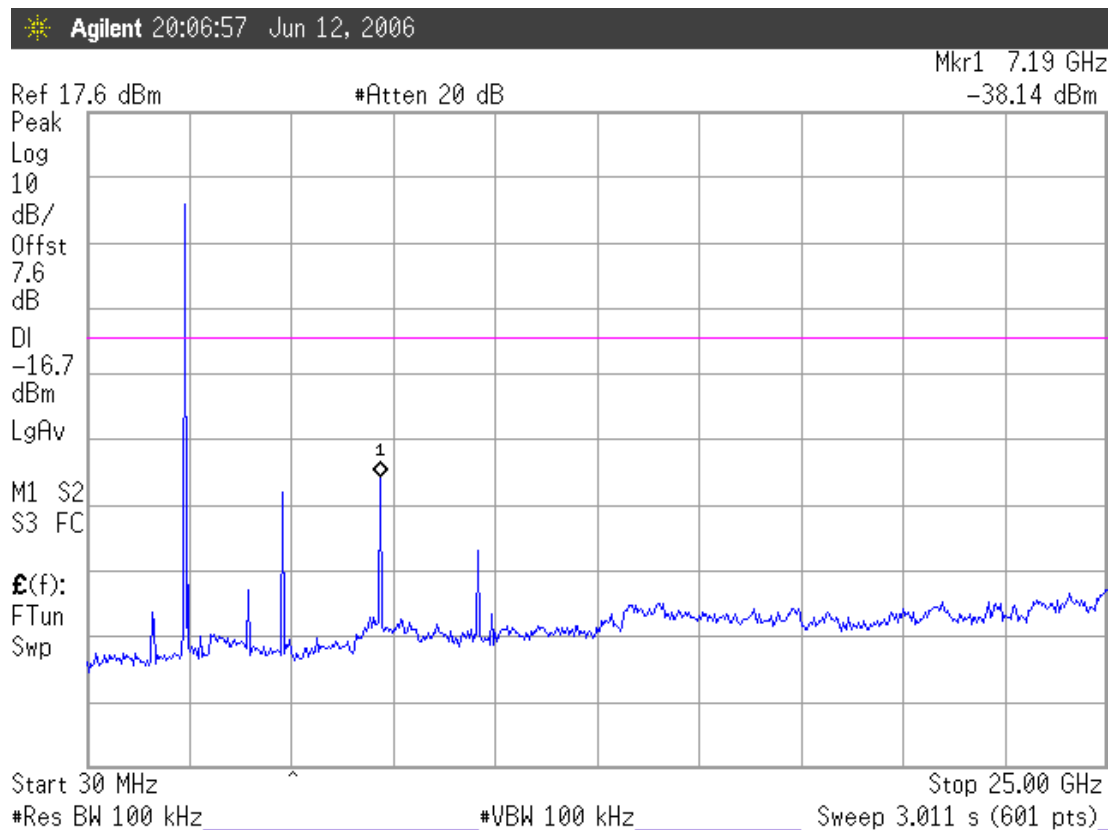
Test Date : Jun. 12, 2006 Temperature : 24 °C Humidity : 55 %

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

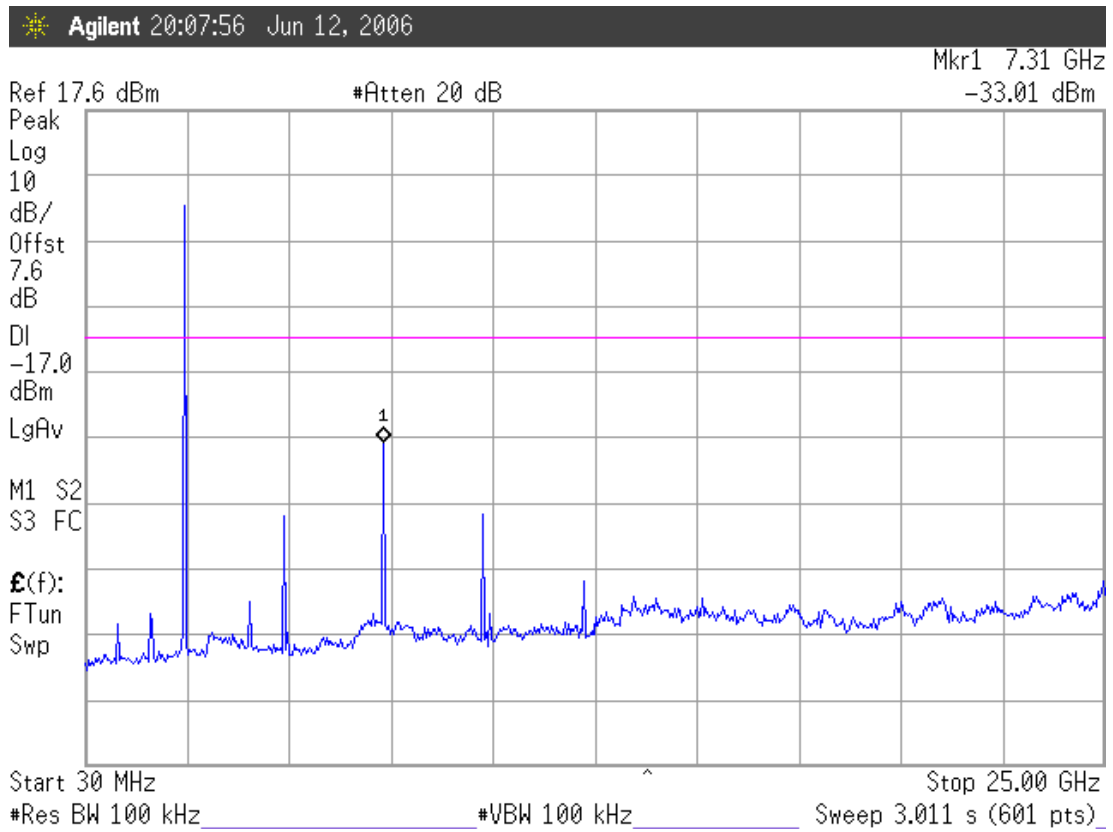
1. 2402MHz: During 30MHz~25GHz bandwidth. In the 2.4GHz, the -38.14dBm is max value that is lower than 20dB of primary channel.
2. 2441MHz: During 30MHz~25GHz bandwidth. In the 2.4GHz, the -33.01dBm is max value that is lower than 20dB of primary channel.
3. 2480MHz: During 30MHz~25GHz bandwidth. In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

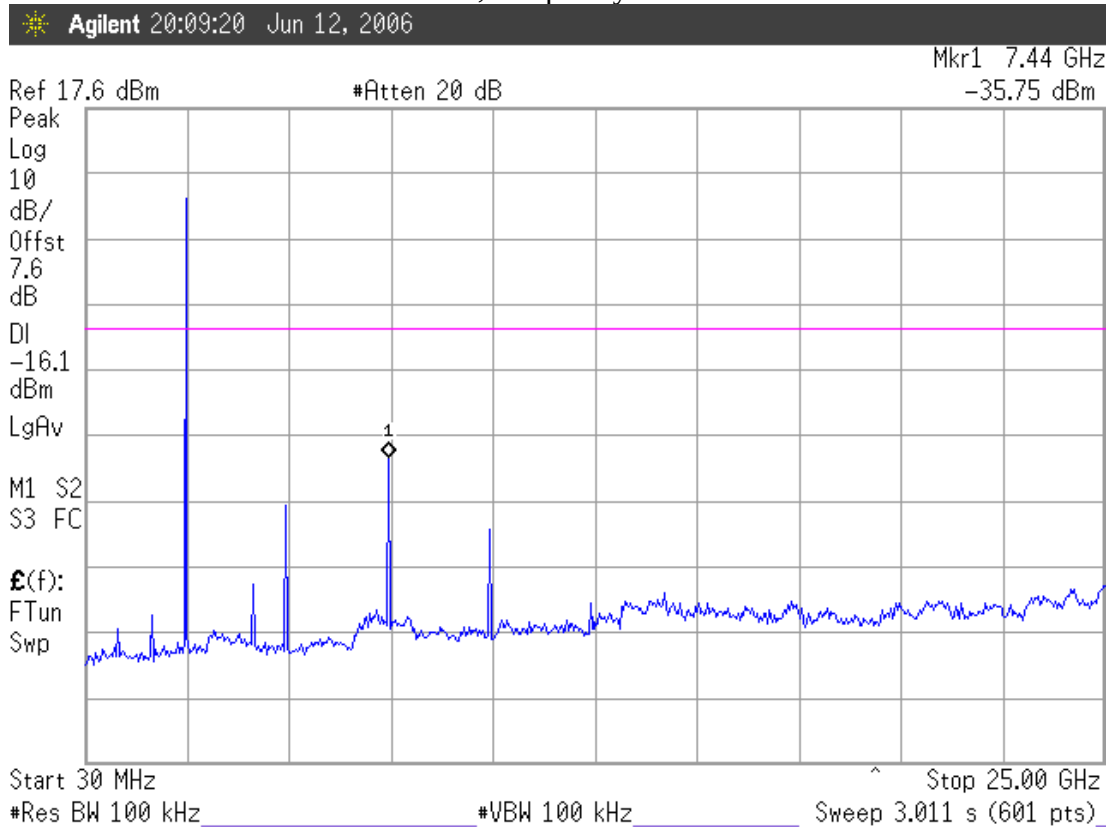
14.6.1. Channel 0, Frequency: 2402MHz



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

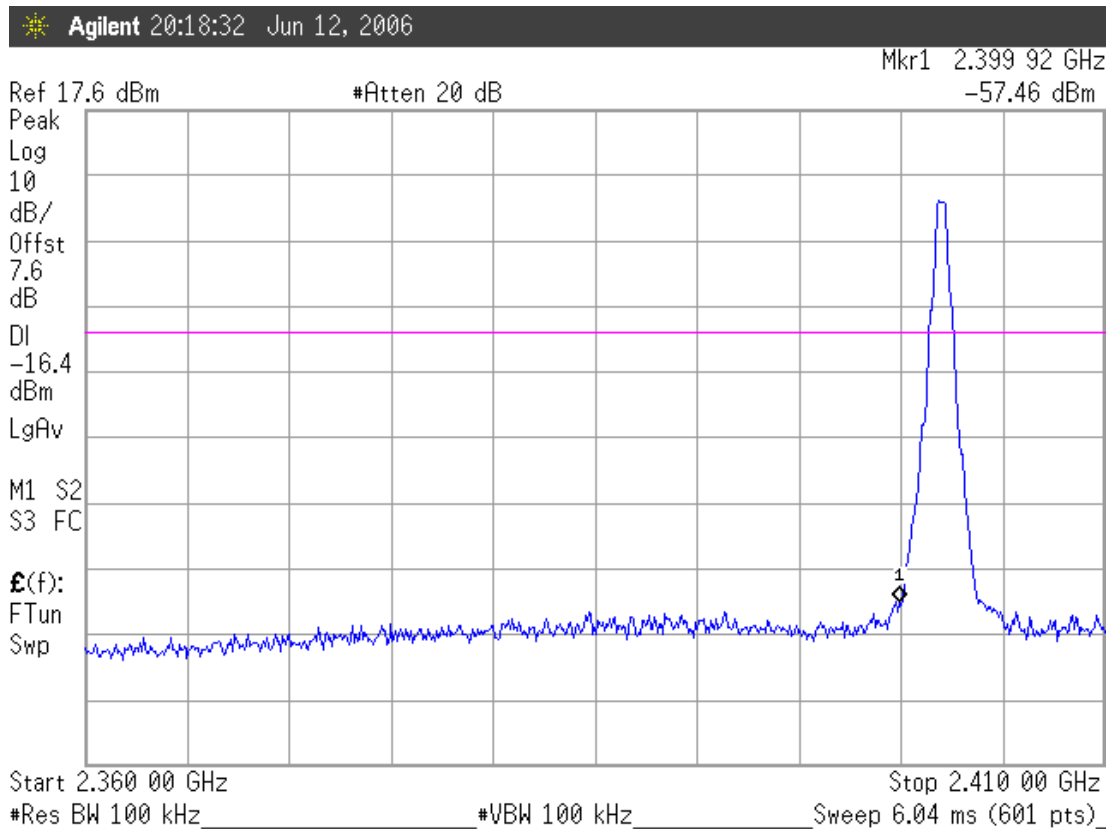
PASSED. The testing data was attached in the next pages.

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

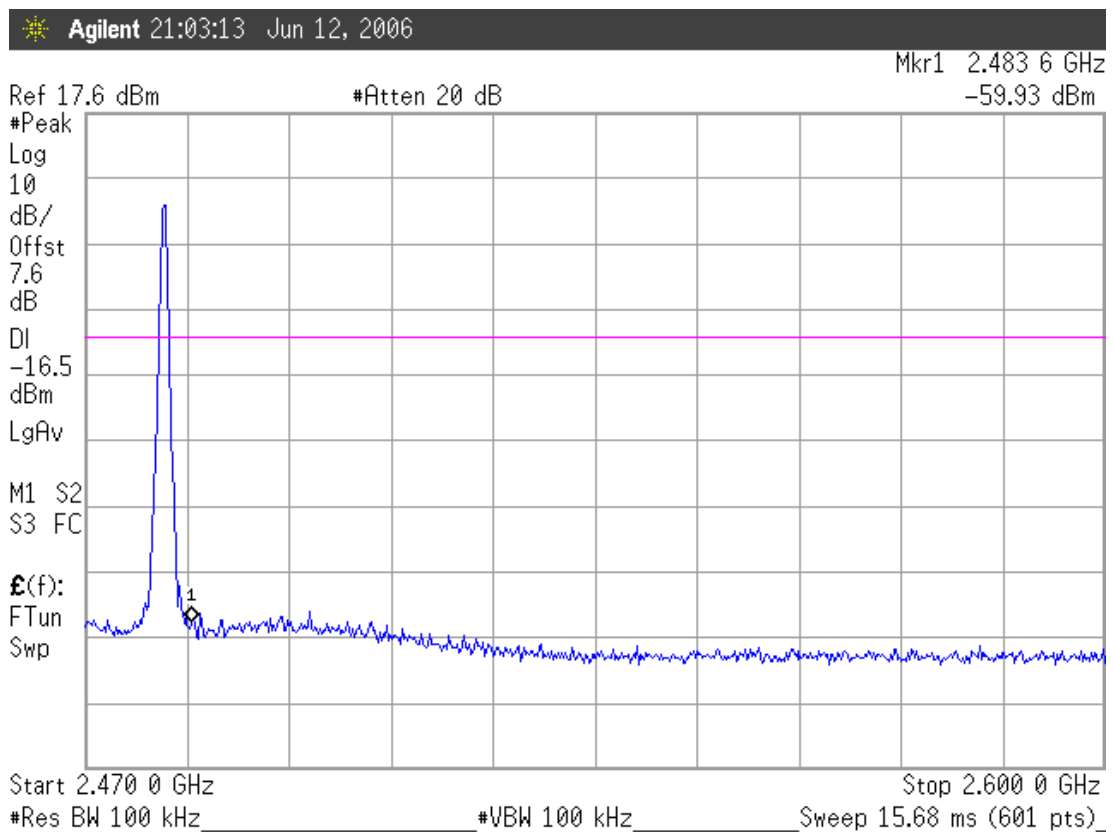
[Test Voltage is DC3.7V (via DC Power Supply)]

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】