

APPLICATION FOR CERTIFICATION

On Behalf of

LG Electronics Inc.

Portable Computer

Model No. : H1000B

FCC ID : BEJNT-H1000B

Brand : LG

Prepared for : LG Electronics Inc.

19-1, Cheongho-ri, Jinwi-myeon,
Pyeongtaek-si, Gyeonggi-do,
451-713 Korea

Prepared by : AUDIX Technology Corporation

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TEST REPORT CERTIFICATION

Applicant : LG Electronics Inc.
 Manufacturer : LG Electronics Inc.
 EUT Description : Portable Computer
FCC ID : BEJNT-H1000B
 (A) Model No. : H1000B
 (B) Serial No. : N/A
 (C) Brand : LG
 (D) Power Supply : DC 19V

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart C, Oct. 2009
 And ANSI C63.4/2003

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

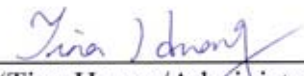
The device described above was tested by AUDIX Technology Corporation to determine the maximum emission levels emanating from the device. The maximum emission levels were compared to the FCC Part 15 Subpart C limits.

The measurement results are contained in this test report and AUDIX Technology 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 requirements of FCC Part 15 standards.

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

Date of Test: Oct. 12 ~ 28, 2010

Date of Report: Oct. 28, 2010

Producer: 
 (Tina Huang/Administrator)

Reviewer: 
 (Henning Chang/Supervisor)

Signatory: 
 (Ben Cheng/Manager)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	:	Portable Computer (The EUT is built-in wireless LAN and Bluetooth combo card, this report for Wireless LAN. Bluetooth is tested in others report of EM-F991034)
Model Number	:	H1000B
Serial Number	:	N/A
Brand	:	LG
FCC ID	:	BEJNT-H1000B
Applicant	:	LG Electronics Inc. 19-1, Cheongho-ri, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do., 451-713 Korea
Manufacturer	:	LG Electronics Inc. 299, Gongdan-dong, Gumi-si, Gyeongsangbuk-do, 730-030, Korea
WLAN and Bluetooth Combo Card (1T1R)	:	AZUREWAVE, AW-NB057H M/N RTL8188CEBT FCC ID: TX2RTL8188CEBT IC: 6317A-RTL8188CEBT
Fundamental Range	:	2400MHz ~ 2483.5MHz
Frequency Channel	:	802.11b/g: 11 channels 802.11n-HT20: 11 channels 802.11n-HT40: 7 channels Bluetooth: 79 channels
Radio Technology	:	802.11b: DSSS Modulation (DBPSK/DQPSK/CCK) 802.11g/n: OFDM Modulation (BPSK/QPSK/16QAM/64QAM) Bluetooth: GFSK, π /4DQPSK, 8-DPSK
Data Transfer Rate	:	802.11b: 1/2/5.5/11Mbps 802.11g: 6/9/12/18/24/36/48/54Mbps 802.11n: up to 150Mbps Bluetooth: 1/2/3Mbps

Antenna Gain : AMAPCLG001 antenna: 1.19dBi (Peak)
AMAPCLG002 antenna: 3.65dBi (Peak)

Battery : Sony, PN:LIP4128
7.4V, 4240mAh, 31Wh

AC/DC Adapter : SUNGHO, M/N SHA1010L
I/P: 100-240V~, 1.2A, 50/60Hz
O/P: 19V, 2.1A, 40W
DC Cord: Non-Shielded, Undetached, 1.5m
Bonded a ferrite core
AC Cord: Non-Shielded, Detached, 1.0m (2Pin)

Date of Receipt of Sample : Oct. 11, 2010

Date of Test : Oct. 12 ~ 28, 2010

Antenna Information

Antenna Part Number	Manufacture	Antenna Type	Peak Gain W/ Cable loss (dBi)	
			Frequency (MHz)	Max Gain (dBi)
AMAPCLG001	Amotech	Cable Assembly Antenna	2400MHz	1.19dBi (peak)
			2500MHz	1.19dBi (peak)
			2500MHz	0.37dBi (peak)
AMAPCLG002	Amotech	Cable Assembly Antenna	2400MHz	2.71dBi (peak)
			2500MHz	3.65dBi (peak)
			2500MHz	3.69dBi (peak)

1.2. Data Rate Relative to Output Power

802.11b			
Channel	Modulation	Data Rate(Mbps)	Power(dBm)
1	DBPSK	1	17.60
1	DQPSK	2	17.58
1	CCK	5.5	17.55
1	CCK	11	17.51

802.11g			
Channel	Modulation	Date Rate(Mbps)	Power(dBm)
1	BPSK	6	22.07
1	BPSK	9	22.03
1	QPSK	12	22.01
1	QPSK	18	21.98
1	16-QAM	24	21.97
1	16-QAM	36	21.96
1	64-QAM	48	21.95
1	64-QAM	54	21.93

802.11n-HT20			
Channel	Modulation	Date Rate(Mbps)	Power(dBm)
1	BPSK	6.5	20.51
1	QPSK	13	20.50
1	QPSK	19.5	20.47
1	16-QAM	26	20.45
1	16-QAM	39	20.44
1	64-QAM	52	20.43
1	64-QAM	58.6	20.40
1	64-QAM	65	20.39

802.11g-HT40			
Channel	Modulation	Date Rate(Mbps)	Power(dBm)
3	BPSK	13.5	20.45
3	QPSK	27	20.44
3	QPSK	40.5	20.41
3	16-QAM	54	20.40
3	16-QAM	81	20.39
3	64-QAM	108	20.38
3	64-QAM	121.5	20.35
3	64-QAM	150	20.33

1.3. Test Configuration for Each Test Item

Test Item	802.11b	802.11g	802.11n-HT20	802.11n-HT40
	Data Rate for Test(Mbps)			
6dB BW	1	6	6.5	13.5
Peak Power Spectral Density	1	6	6.5	13.5
Peak Output Power	1	6	6.5	13.5
Band Edge	1	6	6.5	13.5
Conducted Spurious Emission	1	6	6.5	13.5
Radiated Spurious Emission	1	6	6.5	13.5

1.4. Tested Supporting System Details

【Only For Conducted Emission Measurement】

1.4.1. USB MOUSE

Model Number : 1000USB
 Serial Number : LZ635AB
 FCC ID : By DoC
 BSMI ID : T41126
 Brand : LOGITECH
 Data Cable : Shielded, Undetachable, 1.8m

1.4.2. I-POD PLAYER

Model Number : A1204
 Serial Number : 4H722TDYVTE
 FCC ID : By DoC
 BSMI ID : R33057
 Manufacturer : APPLE
 USB Data Cable : Shielded, Undetachable, 1m

1.4.3. EARPHONE

Model Number : N/A
 Serial Number : N/A
 Manufacturer : APPLE
 Earphone Cable : Non-Shielded, Detachable, 0.9m

1.4.4. BLUETOOTH HEADSET

Model Number : IH-05
 Serial Number : N/A
 Manufacturer : INNOSTAR
 FCC ID : UU9MBH200

1.4.5. SD CARD (INSTALL IN EUT)

Model Number : AP-SDC51201AC0G
 Serial Number : 390619200000
 Manufacturer : Apacer
 Capacity : 512MB

【Partner System】

1.4.6. AP SERVER

Model Number : Di-624
 Serial Number : F34U177001195
 FCC ID : By DoC
 Manufacturer : D-Link
 LAN Cable : Non-Shielded, Detachable, 1.8m
 -to Partner Notebook PC
 AC Adapter : M/N AM-91000A
 Input: 120VAC 60Hz 15W
 Output: 9VDC 1000mA
 Power Cord: Non-Shielded, Detachable, 1.8m

1.4.7. PARTNER NOTEBOOK PC

Model Number : A8J
 Serial Number : 74N0AS228167
 FCC ID : By DoC
 BSMI ID : R31018
 Manufacturer : ASUSTeK Computer Inc.

1.5. Description of Test Facility

Name of Firm : **AUDIX Technology Corporation**
 EMC Department
 No. 53-11, Tin-Fu Tsun, Lin-Kou Hsiang,
 Taipei Hsien, Taiwan

Test Site : **No. 3 Shielded Room**
 (C3/Semi-AC) No. 67-4, Tin-Fu Tsun, Lin-Kou Hsiang
 Taipei Hsien, Taiwan

Semi-Anechoic Chamber
 No. 53-11, Tin-Fu Tsun, Lin-Kou, Hsiang,
 Taipei Hsien, Taiwan

May 14, 2009 Renewal on
 Federal Communication Commission
 Registration Number: 90993

NVLAP Lab. Code : 200077-0

TAF Accreditation No : 1724

1.6. Measurement Uncertainty

Test Item	Frequency Range	Uncertainty (dB)
Conduction Test	150kHz~30MHz	$\pm 1.73\text{dB}$
Radiation Test (Distance: 3m)	30MHz~300MHz	$\pm 2.91\text{dB}$
	300MHz~1000MHz	$\pm 2.74\text{dB}$
	Above 1GHz	$\pm 5.02\text{dB}$

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

Test Item	Uncertainty
6dB Bandwidth	$\pm 0.05\text{kHz}$
Maximum peak output power	$\pm 0.33\text{dBm}$
Emission Limitations	$\pm 0.13\text{dB}$
Band edges	$\pm 0.13\text{dB}$
Power spectral density	$\pm 0.13\text{dB}$

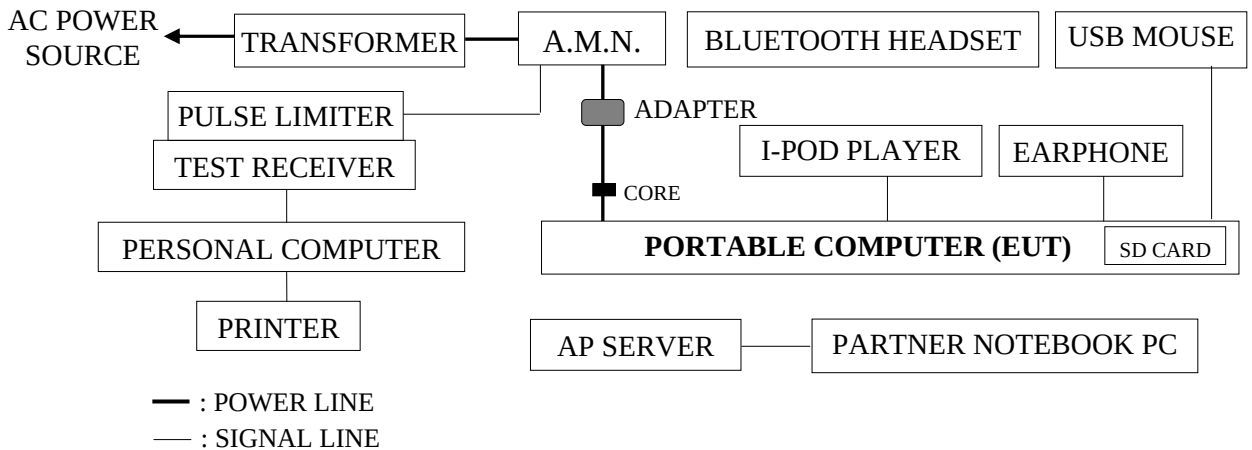
2. CONDUCTED EMISSION MEASUREMENT

2.1. Test Equipment

The following test equipment was used during the conducted emission measurement :
(No. 3 Shielded Room)

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Test Receiver	R & S	ESCS30	100337	Apr. 08, 10'	Apr. 07, 11'
2.	A.M.N.	Kyoritsu	KNW-244C	8-1373-5	Jul. 21, 10'	Jul. 20, 11'
3.	L.I.S.N.	Kyoritsu	KNW-407	8-1370-9	Jun. 09, 10'	Jun. 08, 11'
4.	Pulse Limiter	R & S	ESH3Z2	100041	Feb. 08, 10'	Feb. 07, 11'

2.2. Block Diagram of Test Setup



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

Remark 1.: 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. Set up the EUT and simulator as shown on 2.2.
- 2.4.2. Turn on the power of all equipment.
- 2.4.3. The WLAN and Bluetooth combo card was installed in the Portable Computer (EUT), the Portable Computer was running test program "Realtek 11n single chip 92C PCIE WLAN MP Diagnostic Program 0.0015.0524.2010" and to set the EUT on transmitting and receiving during all testing.
- 2.4.4. The other peripheral devices were driven and operated in turn during all testing.

2.5. Test Procedure

The EUT was placed on the table which was above the ground by 80cm and its AC adapter's power cord connected to the AC mains through an Artificial Mains Network (A.M.N.). The other peripheral devices power cord connected to the power mains through a line impedance stabilization network (L.I.S.N.). 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 regulation 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 was performed during this section testing and all the test results are attached in next pages.

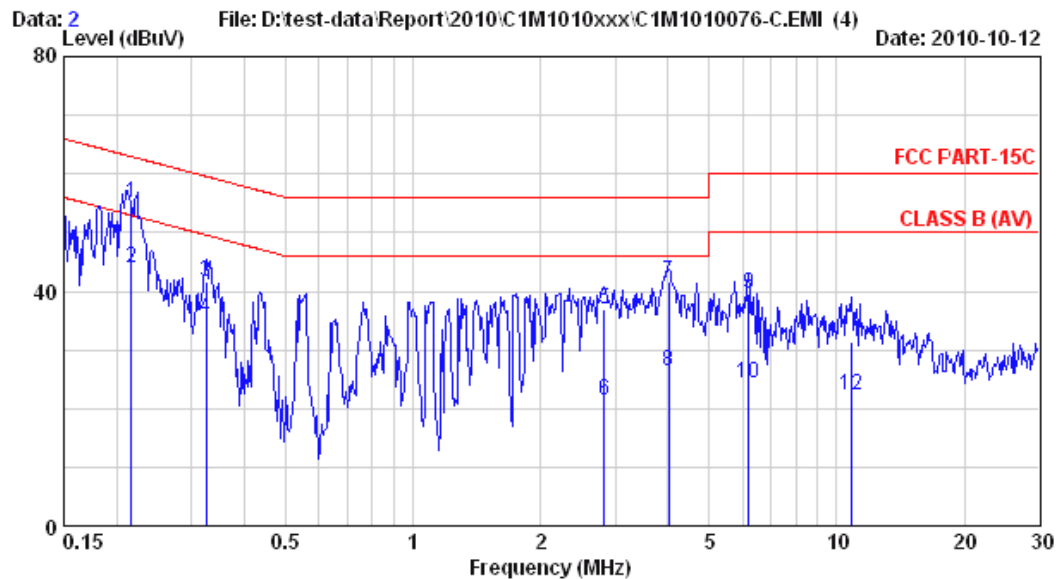
EUT : Portable Computer M/N : H1000B

Test Date : Oct. 12, 2010 Temperature : 21°C Humidity : 48%

Reference Test Data : Neutral # 2; Line # 1



AUDIX TECHNOLOGY Corp. EMC Laboratory
No.53-11, Tin-fu Tsun, Lin-kou Hsiang, Taipei
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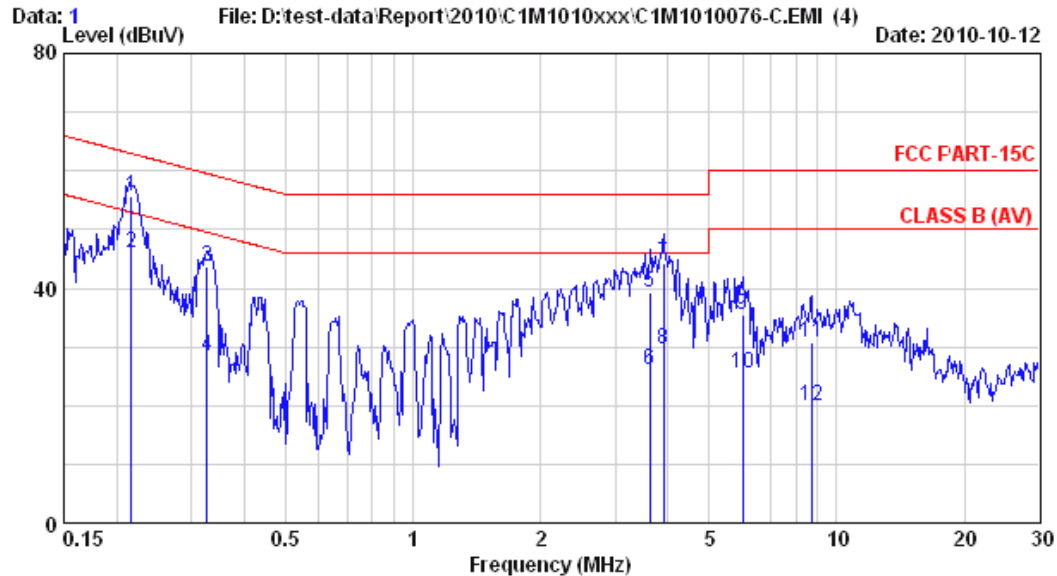
Site : No.3 Shielded Room Data : 2
Condition : KMW-244C Phase : NEUTRAL
Limit : FCC PART-15C
Env. / Ins. : 21°C / 48% ESCS 30 (337) Engineer: Edward
EUT M/N : H100B
Power Rating : 120Vac / 60Hz
Test Mode : Operating

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.217	0.10	0.20	54.84	55.14	62.94	7.80	QP
2	0.217	0.10	0.20	43.52	43.82	52.94	9.12	AVERAGE
3	0.325	0.10	0.20	41.42	41.72	59.58	17.86	QP
4	0.325	0.10	0.20	35.22	35.52	49.58	14.06	AVERAGE
5	2.829	0.20	0.40	36.31	36.91	56.00	19.09	QP
6	2.829	0.20	0.40	20.69	21.29	46.00	24.71	AVERAGE
7	4.008	0.20	0.60	40.80	41.60	56.00	14.40	QP
8	4.008	0.20	0.60	25.66	26.46	46.00	19.54	AVERAGE
9	6.208	0.25	0.60	38.72	39.57	60.00	20.43	QP
10	6.208	0.25	0.60	23.57	24.42	50.00	25.58	AVERAGE
11	10.796	0.32	0.70	30.45	31.47	60.00	28.53	QP
12	10.796	0.32	0.70	21.32	22.34	50.00	27.66	AVERAGE

Remarks: 1.Emission Level= AMN 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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Email:emc@audixtech.com



Site : No.3 Shielded Room Data : 1
Condition : KNW-244C Phase : LINE
Limit : FCC PART-15C
Env. / Ins. : 21°C / 48% ESCS 30 (337) Engineer: Edward
EUT M/N : H100B
Power Rating : 120Vac / 60Hz
Test Mode : Operating

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV)	Limits (dBuV)	Margin (dB)	Remark
1	0.216	0.10	0.20	55.40	55.70	62.96	7.26	QP
2	0.216	0.10	0.20	45.62	45.92	52.96	7.04	AVERAGE
3	0.327	0.10	0.20	43.31	43.61	59.52	15.91	QP
4	0.327	0.10	0.20	28.19	28.49	49.52	21.03	AVERAGE
5	3.628	0.19	0.40	38.58	39.17	56.00	16.83	QP
6	3.628	0.19	0.40	25.43	26.02	46.00	19.98	AVERAGE
7	3.907	0.20	0.40	43.63	44.23	56.00	11.77	QP
8	3.907	0.20	0.40	29.12	29.72	46.00	16.28	AVERAGE
9	6.010	0.29	0.60	34.65	35.54	60.00	24.46	QP
10	6.010	0.29	0.60	24.47	25.36	50.00	24.64	AVERAGE
11	8.738	0.37	0.60	29.91	30.88	60.00	29.12	QP
12	8.738	0.37	0.60	19.05	20.02	50.00	29.98	AVERAGE

Remarks: 1.Emission Level= AMN 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 Range 30MHz~1000MHz (at Semi-Anechoic Chamber)

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	HP	8564EC	3946A00249	Oct. 27, 09'	Oct. 26, 10'
2.	Test Receiver	R & S	ESCS30	100338	Jul. 08, 10'	Jul. 07, 11'
3.	Amplifier	HP	8447D	2944A06305	Feb. 03, 10'	Feb. 02, 11'
4.	Log Periodic Antenna	Schwarzbeck	UHALP 9108-A	0810	Mar. 13, 10'	Mar. 12, 11'
5.	Biconical Antenna	CHASE	VBA6106A	1264	Mar. 13, 10'	Mar. 12, 11'

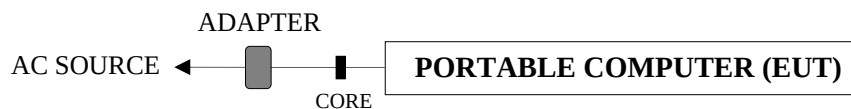
3.1.2. For Frequency Above 1GHz (at Semi-Anechoic Chamber)

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	HP	8564EC	3946A00249	Oct. 27, 09'	Oct. 26, 10'
2.	Test Receiver	R & S	ESCS30	100338	Jul. 08, 10'	Jul. 07, 11'
3.	Amplifier	HP	8449B	3008A00529	Dec. 15, 09'	Dec. 14, 10'
4.	2.4GHz Notch Filter	EWT	EWT-14-0 070-R1	G2	Dec. 05, 09'	Dec. 04, 10'
5.	3.5G High Pass Filter	HP	84300-800 38	005	Jan. 06, 10'	Jan. 05, 11'
6.	Horn Antenna	EMCO	3115	9112-3775	May 10, 10'	May 09, 11'
7.	Horn Antenna	EMCO	3116	2653	Oct. 04, 10'	Oct. 03, 11'

3.2. Test Setup

3.2.1. Block Diagram of connection between EUT and simulators

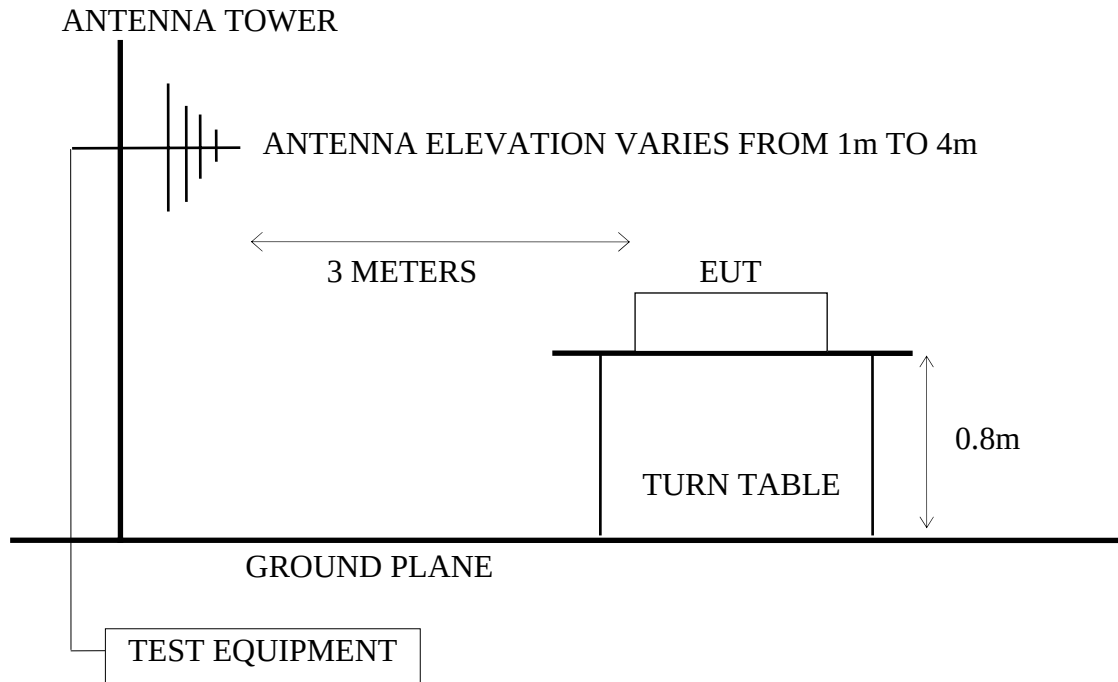
3.2.1.1. Test Mode: WLAN +Bluetooth Function,
Test Voltage: AC 120V/60Hz



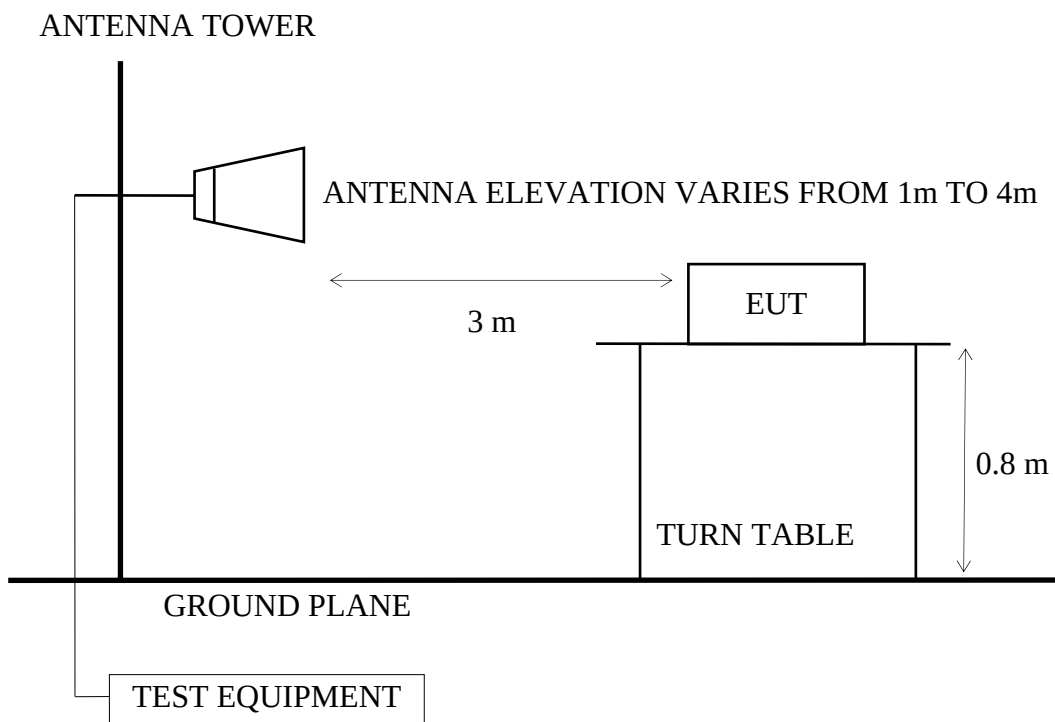
3.2.1.2. Test Mode: WLAN Function Only, Test Voltage: DC 19V

PORTABLE COMPUTER (EUT)

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



3.2.3. 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

【Test Mode: WLAN+Bluetooth Function】

- 3.4.1. Set up the EUT (Portable Computer) and simulator as shown on 3.2.1.1.
- 3.4.2. To turn on the power of all equipments.
- 3.4.3. The EUT (Portable Computer) was running test program “Realtek 11n single chip 92C PCIE WLAN MP Diagnostic Program 0.0015.0524.2010”.
- 3.4.4. The EUT was set to continuously transmit signals at 2412MHz (802.11g) through AMAPCLG002 antenna and 2402MHz (GFSK) through AMAPCLG001 antenna during testing.

【Test Mode: WLAN Function Only】

- 3.4.5. Set up the EUT (Portable Computer) and simulator as shown on 3.2.1.2.
- 3.4.6. To turn on the power of all equipments.
- 3.4.7. The EUT (Portable Computer) was running test program “Realtek 11n single chip 92C PCIE WLAN MP Diagnostic Program 0.0015.0524.2010”.

802.11b/g/n-HT20

- 3.4.8. Transmit Mode: The EUT was set to continuously transmit signals at 2412Hz、2437MHz and 2462MHz through AMAPCLG002 antenna during testing.
- 3.4.9. Receive Mode: The EUT was set to continuously receive signals at 2437MHz AMAPCLG002 antenna during testing.

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3.4.10. Transmit Mode: The EUT was set to continuously transmit signals at 2422Hz 、 2437MHz and 2452MHz AMAPCLG002 antenna during testing.

3.4.11. Receive Mode: The EUT was set to continuously receive signals at 2437MHz AMAPCLG002 antenna during testing.

3.5. Test Procedure

The EUT and its simulators were placed on the 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 an 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 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. 30MHz to 1000MHz was measured with Quasi-Peak detector. Above 1GHz was measured with peak and average detector. For average reading in frequency from 5.5G to 25GHz, we checked it in 1 meter distance and with a shorter cable 2 meter instead of original's. There is no signal exist.

Note: The H1000B built with wireless combo card supports WiFi and BT and can be transmitted simultaneously. The simultaneously radiation emission is measured in 802.11g and BT(GFSK), they are the max power modulation for WiFi and BT.

3.6. Test Results

PASSED.

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

EUT : Portable Computer M/N : H1000B

Test Date : Oct. 19, 2010 Temperature : 24°C Humidity : 63%

This device is portable, so radiation tests on three different axes (stand, lie and side), we assessed the value and we selected the worst radiation position “lie” for our measured results.

For Frequency Range 30MHz~1000MHz:

The EUT select **worst position “lie”** and with following test modes were performed during this section testing and all the test results are listed in section 3.6.1.

No.	Test Voltage	Test Mode	Channel	Frequency	Test Mode	Reference Test Data	
						Horizontal	Vertical
1.	AC 120V/60Hz (Via AC/DC Adapter)	WLAN (802.11g)+Bluetooth (GFSK)	CH 01+ CH01	2412MHz+ 2480MHz	Transmit	# 2	# 1
2.	DC 19V (Via Battery)	WLAN (802.11b)	CH 1	2412MHz	Transmit	# 9	# 10
3.			CH 6	2437MHz		# 12	# 11
4.			CH 11	2462MHz		# 11	# 12
5.			CH 6	2437MHz	Receive	# 8	# 7
6.	DC 19V (Via Battery)	WLAN (802.11g)	CH 1	2412MHz	Transmit	# 11	# 12
7.			CH 6	2437MHz		# 12	# 11
8.			CH 11	2462MHz		# 11	# 12
9.			CH 6	2437MHz	Receive	# 10	# 9
10.	DC 19V (Via Battery)	WLAN (802.11n-HT20)	CH 1	2412MHz	Transmit	# 11	# 12
11.			CH 6	2437MHz		# 9	# 10
12.			CH 11	2462MHz		# 11	# 12
13.			CH 6	2437MHz	Receive	# 8	# 7
14.	DC 19V (Via Battery)	WLAN (802.11n-HT40)	CH 3	2422MHz	Transmit	# 11	# 12
15.			CH 6	2437MHz		# 12	# 11
16.			CH 9	2452MHz		# 11	# 12
17.			CH 6	2437MHz	Receive	# 10	# 9

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

For Frequency above 1GHz:

The EUT select **worst position “lie”** and with following test modes was performed during this section testing and all the test results are listed in section 3.6.2.

No.	Test Voltage	Test Mode	Channel	Frequency	Test Mode	Reference Test Data	
						Horizontal	Vertical
1.	AC 120V/60Hz (Via AC/DC Adapter)	WLAN (802.11g)+ Bluetooth (GFSK)	CH 01+ CH00	2412MHz+ 2480MHz	Transmit	# 4, #5	# 3, #6
2.	DC 19V (Via Battery)	WLAN (802.11b)	CH 1	2412MHz	Transmit	# 2, #4	# 1, #3
3.			CH 6	2437MHz		# 6, #7	# 5, #8
4.			CH 11	2462MHz		# 6, #7	# 5, #8
5.			CH 6	2437MHz	Receive	# 5, #2	# 6, #1
6.	DC 19V (Via Battery)	WLAN (802.11g)	CH 1	2412MHz	Transmit	# 5, #8	# 6, #7
7.			CH 6	2437MHz		# 5, #8	# 6, #7
8.			CH 11	2462MHz		# 5, #8	# 6, #7
9.			CH 6	2437MHz	Receive	# 6, #2	# 5, #1
10.	DC 19V (Via Battery)	WLAN (802.11n-HT20)	CH 1	2412MHz	Transmit	# 5, #8	# 6, #7
11.			CH 6	2437MHz		# 3, #6	# 4, #5
12.			CH 11	2462MHz		# 6, #7	# 5, #8
13.			CH 6	2437MHz	Receive	# 3, #10	# 4, #9
14.	DC 19V (Via Battery)	WLAN (802.11n-HT40)	CH 3	2422MHz	Transmit	# 6, #7	# 5, #8
15.			CH 6	2437MHz		# 6, #7	# 5, #8
16.			CH 9	2452MHz		# 6, #7	# 5, #8
17.			CH 6	2437MHz	Receive	# 6, #1	# 5, #2

Note: 1. Above all final readings were measured with Peak detector.

2. For measurements above 1GHz, the peak measured value complies with the average limit, it is unnecessary to perform an average measurement.
(According to ANSI C63.4-2003 section 8.3.2.2)

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	Channel	Frequency	Test Mode	Reference Test Data	
						Horizontal	Vertical
1.	DC 19V (Via Battery)	WLAN (802.11b)	CH 6	2412MHz	Transmit	# 2, # 3	# 1, # 4
2.			CH 11	2462MHz		# 7, # 6	# 8, # 5
3.		WLAN (802.11g)	CH 6	2412MHz	Transmit	# 2, # 3	# 1, # 4
4.			CH 11	2462MHz		# 6, # 7	# 5, # 8
5.		WLAN (802.11n-HT20)	CH 6	2412MHz	Transmit	# 2, # 3	# 1, # 4
6.			CH 11	2462MHz		# 7, # 6	# 8, # 5
7.		WLAN (802.11n-HT40)	CH 3	2422MHz	Transmit	# 2, # 3	# 1, # 4
8.			CH 9	2452MHz		# 7, # 6	# 8, # 5

3.6.1. For 30-1000MHz Frequency Range Measurement Results

WLAN (802.11g)+Bluetooth (GFSK), Transmit, Frequency: 2412MHz+2480MHz

Site no. : A/C Chamber Data no. : 2
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : 120Vac/60Hz
 Test Mode : TX2412(802.11g)+BT TX2480(GFSK)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	165.800	20.93	2.70	9.87	33.50	43.50	10.00	
2	399.570	17.69	4.80	9.01	31.50	46.00	14.50	
3	451.950	17.65	5.40	7.64	30.69	46.00	15.31	
4	676.020	22.89	6.40	9.48	38.76	46.00	7.24	
5	750.710	23.35	6.70	2.36	32.41	46.00	13.59	
6	900.090	24.96	7.37	10.02	42.35	46.00	3.65	

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

Site no. : A/C Chamber Data no. : 1
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : 120Vac/60Hz
 Test Mode : TX2412(802.11g)+BT TX2480(GFSK)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	167.740	20.97	2.70	6.67	30.35	43.50	13.15	
2	357.860	15.90	4.40	3.08	23.38	46.00	22.62	
3	451.950	17.65	5.40	6.69	29.74	46.00	16.26	
4	600.360	21.31	6.30	3.28	30.89	46.00	15.11	
5	676.020	22.89	6.40	5.26	34.54	46.00	11.46	
6	900.090	24.96	7.37	10.67	43.00	46.00	3.00	

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

802.11b, Transmit, Frequency: 2412MHz

Site no. : A/C Chamber Data no. : 9
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412(802.11b)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	202.660	22.04	3.10	6.50	31.64	43.50	11.86	
2	451.950	17.65	5.40	11.23	34.28	46.00	11.72	
3	600.360	21.31	6.30	2.50	30.11	46.00	15.89	
4	676.020	22.89	6.40	11.48	40.76	46.00	5.24	
5	826.370	24.42	7.00	3.08	34.50	46.00	11.50	
6	900.090	24.96	7.37	9.27	41.59	46.00	4.41	

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. : 10
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412(802.11b)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	139.610	20.15	2.50	2.63	25.28	43.50	18.22	
2	295.780	26.48	4.00	0.32	30.80	46.00	15.20	
3	451.950	17.65	5.40	6.58	29.63	46.00	16.37	
4	600.360	21.31	6.30	1.18	28.79	46.00	17.21	
5	676.020	22.89	6.40	4.29	33.57	46.00	12.43	
6	900.090	24.96	7.37	8.06	40.39	46.00	5.61	
7	1000.000	24.79	7.80	6.31	38.90	54.00	15.10	

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

802.11b, Transmit, Frequency: 2437MHz

Site no. : A/C Chamber Data no. : 12
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11b)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	206.540	21.91	3.10	4.95	29.96	43.50	13.54	
2	399.570	17.69	4.80	6.79	29.27	46.00	16.73	
3	451.950	17.65	5.40	9.74	32.79	46.00	13.21	
4	676.020	22.89	6.40	11.96	41.24	46.00	4.76	
5	750.710	23.35	6.70	3.16	33.21	46.00	12.79	
6	826.370	24.42	7.00	2.73	34.15	46.00	11.85	
7	900.090	24.96	7.37	10.21	42.54	46.00	3.46	
8	996.120	24.67	7.71	5.45	37.83	54.00	16.17	

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. : 11
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11b)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	280.260	25.30	3.80	0.79	29.88	46.00	16.12	
2	451.950	17.65	5.40	6.51	29.56	46.00	16.44	
3	599.390	21.30	6.30	3.68	31.28	46.00	14.73	
4	676.020	22.89	6.40	5.86	35.14	46.00	10.86	
5	900.090	24.96	7.37	8.57	40.90	46.00	5.11	
6	998.060	24.70	7.80	3.35	35.85	54.00	18.15	

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

802.11b, Transmit, Frequency: 2462MHz

Site no. : A/C Chamber Data no. : 11
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462(802.11b)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	211.390	21.75	3.20	2.62	27.57	43.50	15.93	
2	399.570	17.69	4.80	8.17	30.66	46.00	15.34	
3	451.950	17.65	5.40	7.02	30.07	46.00	15.93	
4	676.020	22.89	6.40	12.74	42.02	46.00	3.98	
5	750.710	23.35	6.70	2.74	32.79	46.00	13.21	
6	826.370	24.42	7.00	3.89	35.31	46.00	10.69	
7	900.090	24.96	7.37	10.03	42.36	46.00	3.64	
8	1000.000	24.79	7.80	5.34	37.93	54.00	16.07	

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. : 12
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462(802.11b)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	251.160	23.90	3.50	1.34	28.74	46.00	17.26	
2	451.950	17.65	5.40	5.23	28.28	46.00	17.72	
3	600.360	21.31	6.30	1.99	29.60	46.00	16.40	
4	676.020	22.89	6.40	5.70	34.98	46.00	11.02	
5	900.090	24.96	7.37	10.89	43.22	46.00	2.78	
6	998.060	24.70	7.80	4.25	36.75	54.00	17.25	

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

802.11b, Receive, Frequency: 2437MHz

Site no. : A/C Chamber Data no. : 8
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11b)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	204.600	21.97	3.10	4.31	29.38	43.50	14.12	
2	399.570	17.69	4.80	6.62	29.10	46.00	16.90	
3	450.010	17.65	5.40	10.65	33.69	46.00	12.31	
4	600.360	21.31	6.30	2.03	29.64	46.00	16.36	
5	676.020	22.89	6.40	12.32	41.60	46.00	4.40	
6	826.370	24.42	7.00	5.12	36.54	46.00	9.46	
7	900.090	24.96	7.37	11.15	43.48	46.00	2.52	

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 VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11b)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	140.580	20.22	2.50	3.80	26.52	43.50	16.98	
2	399.570	17.69	4.80	3.74	26.22	46.00	19.78	
3	451.950	17.65	5.40	6.10	29.15	46.00	16.85	
4	599.390	21.30	6.30	3.80	31.40	46.00	14.61	
5	676.020	22.89	6.40	5.33	34.61	46.00	11.39	
6	900.090	24.96	7.37	9.16	41.49	46.00	4.51	

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

802.11g, Transmit, Frequency: 2412MHz

Site no. : A/C Chamber Data no. : 11
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412(802.11g)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	200.720	22.08	3.00	5.94	31.02	43.50	12.48	
2	451.950	17.65	5.40	5.61	28.66	46.00	17.34	
3	599.390	21.30	6.30	5.01	32.61	46.00	13.40	
4	676.020	22.89	6.40	3.87	33.15	46.00	12.85	
5	841.890	25.11	7.10	1.23	33.45	46.00	12.55	
6	900.090	24.96	7.37	11.32	43.65	46.00	2.35	

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. : 12
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412(802.11g)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	268.620	24.86	3.70	0.60	29.16	46.00	16.84	
2	399.570	17.69	4.80	11.06	33.54	46.00	12.46	
3	451.950	17.65	5.40	12.41	35.46	46.00	10.54	
4	676.020	22.89	6.40	11.46	40.74	46.00	5.26	
5	750.710	23.35	6.70	3.55	33.60	46.00	12.40	
6	826.370	24.42	7.00	2.53	33.95	46.00	12.05	
7	900.090	24.96	7.37	11.65	43.98	46.00	2.02	

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

802.11g, Transmit, Frequency: 2437MHz

Site no. : A/C Chamber Data no. : 12
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11g)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	197.810	22.02	3.00	4.73	29.76	43.50	13.74	
2	400.540	17.66	4.80	7.40	29.86	46.00	16.14	
3	451.950	17.65	5.40	9.35	32.40	46.00	13.60	
4	676.020	22.89	6.40	12.48	41.76	46.00	4.24	
5	750.710	23.35	6.70	3.76	33.81	46.00	12.19	
6	826.370	24.42	7.00	5.16	36.58	46.00	9.42	
7	900.090	24.96	7.37	9.68	42.01	46.00	3.99	

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. : 11
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11g)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	295.780	26.48	4.00	-0.41	30.06	46.00	15.94	
2	451.950	17.65	5.40	4.08	27.13	46.00	18.87	
3	600.360	21.31	6.30	3.10	30.71	46.00	15.29	
4	676.020	22.89	6.40	4.80	34.08	46.00	11.92	
5	900.090	24.96	7.37	11.18	43.51	46.00	2.49	
6	996.120	24.67	7.71	4.96	37.34	54.00	16.66	

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

802.11g, Transmit, Frequency: 2462MHz

Site no. : A/C Chamber Data no. : 11
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462(802.11g)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	206.540	21.91	3.10	5.98	31.00	43.50	12.50	
2	400.540	17.66	4.80	8.20	30.66	46.00	15.34	
3	451.950	17.65	5.40	9.88	32.93	46.00	13.07	
4	676.020	22.89	6.40	11.29	40.57	46.00	5.43	
5	750.710	23.35	6.70	2.12	32.17	46.00	13.83	
6	826.370	24.42	7.00	1.88	33.30	46.00	12.70	
7	901.060	24.95	7.40	10.98	43.33	46.00	2.67	

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. : 12
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462(802.11g)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	138.640	20.06	2.50	2.97	25.53	43.50	17.97	
2	432.550	17.28	5.20	4.58	27.05	46.00	18.95	
3	451.950	17.65	5.40	6.55	29.60	46.00	16.40	
4	599.390	21.30	6.30	2.67	30.27	46.00	15.74	
5	676.020	22.89	6.40	4.98	34.26	46.00	11.74	
6	900.090	24.96	7.37	11.63	43.96	46.00	2.04	

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

802.11g, Receive, Frequency: 2437MHz

Site no. : A/C Chamber Data no. : 10
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11g)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	209.450	21.81	3.16	4.46	29.43	43.50	14.07	
2	399.570	17.69	4.80	8.62	31.10	46.00	14.90	
3	451.950	17.65	5.40	9.30	32.35	46.00	13.65	
4	676.020	22.89	6.40	11.39	40.67	46.00	5.33	
5	826.370	24.42	7.00	3.26	34.68	46.00	11.32	
6	900.090	24.96	7.37	9.22	41.55	46.00	4.45	@

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. : 9
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11g)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	139.610	20.15	2.50	3.68	26.33	43.50	17.17	
2	451.950	17.65	5.40	6.17	29.22	46.00	16.78	
3	599.390	21.30	6.30	3.16	30.76	46.00	15.25	
4	676.020	22.89	6.40	5.12	34.40	46.00	11.60	
5	900.090	24.96	7.37	11.37	43.70	46.00	2.30	

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

802.11n-HT20, Transmit, Frequency: 2412MHz

Site no. : A/C Chamber Data no. : 11
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412(802.11n-HT20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	196.840	21.94	3.00	2.95	27.89	43.50	15.61	
2	282.200	25.39	3.80	0.86	30.05	46.00	15.95	
3	399.570	17.69	4.80	6.85	29.34	46.00	16.66	
4	451.950	17.65	5.40	11.11	34.16	46.00	11.84	
5	600.360	21.31	6.30	2.77	30.38	46.00	15.62	
6	676.020	22.89	6.40	10.35	39.63	46.00	6.37	
7	826.370	24.42	7.00	1.76	33.18	46.00	12.83	
8	900.090	24.96	7.37	10.32	42.65	46.00	3.35	

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. : 12
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412(802.11n-HT20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	140.580	20.22	2.50	3.87	26.59	43.50	16.91	
2	299.660	26.77	3.90	-0.28	30.39	46.00	15.61	
3	451.950	17.65	5.40	5.42	28.47	46.00	17.53	
4	600.360	21.31	6.30	2.08	29.69	46.00	16.31	
5	676.020	22.89	6.40	3.87	33.15	46.00	12.85	
6	900.090	24.96	7.37	10.43	42.75	46.00	3.25	

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

802.11n-HT20, Transmit, Frequency: 2437MHz

Site no. : A/C Chamber Data no. : 9
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11n-HT20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	201.690	22.07	3.03	7.41	32.51	43.50	10.99	
2	400.540	17.66	4.80	8.00	30.45	46.00	15.55	
3	451.950	17.65	5.40	10.79	33.84	46.00	12.16	
4	676.020	22.89	6.40	10.34	39.63	46.00	6.37	
5	826.370	24.42	7.00	3.19	34.61	46.00	11.39	
6	900.090	24.96	7.37	11.55	43.88	46.00	2.12	

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. : 10
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11n-HT20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	289.960	26.08	3.80	0.58	30.46	46.00	15.54	
2	399.570	17.69	4.80	4.74	27.23	46.00	18.78	
3	451.950	17.65	5.40	7.20	30.25	46.00	15.75	
4	600.360	21.31	6.30	3.78	31.39	46.00	14.61	
5	676.020	22.89	6.40	3.89	33.18	46.00	12.82	
6	900.090	24.96	7.37	10.96	43.28	46.00	2.72	

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

802.11n-HT20, Transmit, Frequency: 2462MHz

Site no. : A/C Chamber Data no. : 11
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462 (802.11n-HT20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	198.780	22.07	3.00	5.87	30.94	43.50	12.56	
2	399.570	17.69	4.80	7.33	29.82	46.00	16.18	
3	451.950	17.65	5.40	11.04	34.09	46.00	11.91	
4	676.020	22.89	6.40	11.39	40.67	46.00	5.33	
5	826.370	24.42	7.00	4.12	35.54	46.00	10.46	
6	900.090	24.96	7.37	11.88	44.21	46.00	1.79	

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. : 12
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462 (802.11n-HT20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	133.790	19.89	2.40	3.01	25.30	43.50	18.20	
2	200.720	22.08	3.00	0.53	25.61	43.50	17.89	
3	451.950	17.65	5.40	5.75	28.80	46.00	17.20	
4	600.360	21.31	6.30	4.38	31.99	46.00	14.01	
5	676.020	22.89	6.40	4.31	33.59	46.00	12.41	
6	900.090	24.96	7.37	10.25	42.57	46.00	3.43	

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

802.11n-HT20, Receive, Frequency: 2437MHz

Site no. : A/C Chamber Data no. : 8
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11n-HT20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	209.450	21.81	3.16	5.56	30.52	43.50	12.98	
2	399.570	17.69	4.80	8.62	31.10	46.00	14.90	
3	451.950	17.65	5.40	7.02	30.07	46.00	15.93	
4	676.020	22.89	6.40	10.09	39.37	46.00	6.63	
5	750.710	23.35	6.70	3.30	33.35	46.00	12.65	
6	900.090	24.96	7.37	10.86	43.19	46.00	2.81	

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 VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11n-HT20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	138.640	20.06	2.50	3.20	25.76	43.50	17.74	
2	400.540	17.66	4.80	1.44	23.90	46.00	22.10	
3	451.950	17.65	5.40	4.67	27.72	46.00	18.28	
4	599.390	21.30	6.30	3.83	31.43	46.00	14.58	
5	676.020	22.89	6.40	5.03	34.31	46.00	11.69	
6	900.090	24.96	7.37	11.23	43.56	46.00	2.44	

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

802.11n-HT40, Transmit, Frequency: 2422MHz

Site no. : A/C Chamber Data no. : 11
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2422 (802.11n-HT40)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	201.690	22.07	3.03	5.42	30.52	43.50	12.98	
2	399.570	17.69	4.80	7.56	30.05	46.00	15.95	
3	451.950	17.65	5.40	8.74	31.79	46.00	14.21	
4	676.020	22.89	6.40	11.59	40.87	46.00	5.13	
5	750.710	23.35	6.70	3.11	33.16	46.00	12.84	
6	826.370	24.42	7.00	2.82	34.24	46.00	11.76	
7	900.090	24.96	7.37	11.85	44.17	46.00	1.83	

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. : 12
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2422 (802.11n-HT40)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	136.700	19.97	2.40	3.36	25.73	43.50	17.77	
2	251.160	23.90	3.50	2.38	29.78	46.00	16.22	
3	451.950	17.65	5.40	4.81	27.86	46.00	18.14	
4	599.390	21.30	6.30	3.20	30.80	46.00	15.21	
5	676.020	22.89	6.40	4.29	33.57	46.00	12.43	
6	900.090	24.96	7.37	12.16	44.49	46.00	1.51	

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

802.11n-HT40, Transmit, Frequency: 2437MHz

Site no. : A/C Chamber Data no. : 12
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11n-HT40)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	210.420	21.77	3.20	6.81	31.78	43.50	11.72	
2	400.540	17.66	4.80	7.59	30.05	46.00	15.95	
3	451.950	17.65	5.40	11.55	34.60	46.00	11.40	
4	676.020	22.89	6.40	11.08	40.36	46.00	5.64	
5	826.370	24.42	7.00	3.84	35.26	46.00	10.74	
6	900.090	24.96	7.37	11.90	44.23	46.00	1.77	

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. : 11
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11n-HT40)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	291.900	26.17	3.90	0.71	30.78	46.00	15.22	
2	399.570	17.69	4.80	3.94	26.42	46.00	19.58	
3	451.950	17.65	5.40	6.53	29.58	46.00	16.42	
4	600.360	21.31	6.30	4.76	32.37	46.00	13.63	
5	676.020	22.89	6.40	4.36	33.64	46.00	12.36	
6	866.140	25.97	7.20	0.94	34.11	46.00	11.89	
7	900.090	24.96	7.37	11.14	43.47	46.00	2.53	

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

802.11n-HT40, Transmit, Frequency: 2452MHz

Site no. : A/C Chamber Data no. : 11
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2452(802.11n-HT40)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	204.600	21.97	3.10	6.27	31.34	43.50	12.16	
2	400.540	17.66	4.80	7.52	29.98	46.00	16.02	
3	451.950	17.65	5.40	13.32	36.37	46.00	9.63	
4	600.360	21.31	6.30	1.67	29.28	46.00	16.72	
5	676.020	22.89	6.40	11.39	40.67	46.00	5.33	
6	826.370	24.42	7.00	4.14	35.56	46.00	10.44	
7	900.090	24.96	7.37	11.32	43.65	46.00	2.35	

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. : 12
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2452(802.11n-HT40)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	282.200	25.39	3.80	1.82	31.01	46.00	14.99	
2	451.950	17.65	5.40	6.24	29.29	46.00	16.71	
3	534.400	19.57	7.00	1.71	28.28	46.00	17.72	
4	599.390	21.30	6.30	3.27	30.87	46.00	15.14	
5	676.020	22.89	6.40	4.91	34.19	46.00	11.81	
6	900.090	24.96	7.37	10.30	42.63	46.00	3.37	

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

802.11n-HT40, Receive, Frequency: 2437MHz

Site no. : A/C Chamber Data no. : 10
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11n-HT40)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	202.660	22.04	3.10	5.04	30.18	43.50	13.32	
2	299.660	26.77	3.90	0.98	31.65	46.00	14.35	
3	399.570	17.69	4.80	7.10	29.58	46.00	16.42	
4	451.950	17.65	5.40	11.90	34.95	46.00	11.05	
5	600.360	21.31	6.30	2.78	30.39	46.00	15.61	
6	676.020	22.89	6.40	11.01	40.29	46.00	5.71	
7	826.370	24.42	7.00	2.89	34.31	46.00	11.69	
8	900.090	24.96	7.37	11.13	43.46	46.00	2.54	

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. : 9
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11n-HT40)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	298.690	26.72	3.90	-0.16	30.46	46.00	15.54	
2	451.950	17.65	5.40	6.67	29.72	46.00	16.28	
3	600.360	21.31	6.30	1.13	28.74	46.00	17.26	
4	676.020	22.89	6.40	4.69	33.97	46.00	12.03	
5	826.370	24.42	7.00	1.53	32.95	46.00	13.05	
6	900.090	24.96	7.37	11.02	43.35	46.00	2.65	

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. For Above 1GHz Frequency Range Measurement Results

WLAN (802.11g)+Bluetooth (GFSK), Transmit, Frequency: 2412MHz+2480MHz

Site no. : A/C Chamber Data no. : 4
 Dis. / Ant. : 3m 3115(4927) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : 120Vac/60Hz
 Test Mode : TX2412(802.11g)+BT TX2480(GFSK)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1003.360	24.30	4.18	11.47	39.95	54.00	14.05	Peak
2	1398.160	25.41	5.14	10.66	41.21	54.00	12.79	Peak
3	1502.320	25.76	5.43	16.05	47.25	54.00	6.75	Peak
4	1594.720	26.08	6.12	12.08	44.29	54.00	9.71	Peak
5	1796.320	26.84	6.92	15.17	48.93	54.00	5.07	Peak
6	2023.120	27.64	5.89	12.72	46.24	54.00	7.76	Peak
7	2199.520	28.06	6.11	12.24	46.41	54.00	7.59	Peak
8	2254.960	28.17	6.17	10.89	45.23	54.00	8.77	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. : 3
 Dis. / Ant. : 3m 3115(4927) Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : 120Vac/60Hz
 Test Mode : TX2412(802.11g)+BT TX2480(GFSK)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	15.08	43.56	54.00	10.44	Peak
2	1398.160	25.41	5.14	15.65	46.20	54.00	7.80	Peak
3	1502.320	25.76	5.43	20.28	51.48	54.00	2.52	Peak
4	1515.760	25.76	5.54	17.16	48.46	54.00	5.54	Peak
5	1599.760	26.08	6.14	12.72	44.93	54.00	9.07	Peak
6	1801.360	26.84	6.92	15.73	49.48	54.00	4.52	Peak
7	2023.120	27.64	5.89	16.34	49.86	54.00	4.14	Peak
8	2191.120	28.02	6.10	11.59	45.71	54.00	8.29	Peak
9	2594.320	29.04	6.61	12.23	47.89	54.00	6.11	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(4927) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : 120Vac/60Hz
 Test Mode : TX2412(802.11g)+BT TX2480(GFSK)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2995.480	30.34	7.20	8.27	45.82	54.00	8.18	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. : 6
 Dis. / Ant. : 3m 3115(4927) Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : 120Vac/60Hz
 Test Mode : TX2412(802.11g)+BT TX2480(GFSK)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2992.840	30.34	7.20	10.04	47.58	54.00	6.42	Peak

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

802.11b, Transmit, Frequency: 2412MHz

Site no. : A/C Chamber
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412(802.11b)

Data no. : 2
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	15.95	44.43	54.00	9.57	Peak
2	1502.320	25.76	5.43	15.27	46.47	54.00	7.53	Peak
3	1599.760	26.08	6.14	11.69	43.90	54.00	10.10	Peak
4	1796.320	26.84	6.92	13.18	46.94	54.00	7.06	Peak
5	2196.160	28.02	6.11	10.88	45.01	54.00	8.99	Peak
6	2254.960	28.17	6.17	11.54	45.88	54.00	8.12	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412(802.11b)

Data no. : 1
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	17.02	45.50	54.00	8.50	Peak
2	1502.320	25.76	5.43	19.39	50.59	54.00	3.41	Peak
3	1599.760	26.08	6.14	15.21	47.42	54.00	6.58	Peak
4	1796.320	26.84	6.92	15.67	49.43	54.00	4.57	Peak
5	2023.120	27.64	5.89	15.79	49.31	54.00	4.69	Peak
6	2199.520	28.06	6.11	14.01	48.18	54.00	5.82	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412(802.11b)

Data no. : 4
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2995.480	30.34	7.20	8.43	45.98	54.00	8.02	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412(802.11b)

Data no. : 3
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2988.880	30.34	7.20	10.01	47.56	54.00	6.44	Peak

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

802.11b Transmit, Frequency: 2437MHz

Site no. : A/C Chamber
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11b)

Data no. : 6
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	16.00	44.48	54.00	9.52	Peak
2	1502.320	25.76	5.43	15.33	46.53	54.00	7.47	Peak
3	1796.320	26.84	6.92	14.47	48.23	54.00	5.77	Peak
4	2023.120	27.64	5.89	10.99	44.51	54.00	9.49	Peak
5	2196.160	28.02	6.11	11.09	45.22	54.00	8.78	Peak
6	2249.920	28.17	6.17	10.45	44.79	54.00	9.21	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11b)

Data no. : 5
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	20.37	48.85	54.00	5.15	Peak
2	1502.320	25.76	5.43	18.03	49.23	54.00	4.77	Peak
3	1586.320	26.02	6.05	14.20	46.26	54.00	7.74	Peak
4	1796.320	26.84	6.92	18.18	51.94	54.00	2.06	Peak
5	2023.120	27.64	5.89	14.10	47.62	54.00	6.38	Peak
6	2191.120	28.02	6.10	13.06	47.18	54.00	6.82	Peak
7	2590.960	29.04	6.61	11.35	47.00	54.00	7.00	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11b)

Data no. : 7
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2992.840	30.34	7.20	7.77	45.31	54.00	8.69	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11b)

Data no. : 8
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2988.880	30.34	7.20	9.89	47.44	54.00	6.56	Peak

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

802.11b, Transmit, Frequency: 2462MHz

Site no. : A/C Chamber
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462(802.11b)

Data no. : 6
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	16.98	45.46	54.00	8.54	Peak
2	1502.320	25.76	5.43	14.56	45.76	54.00	8.24	Peak
3	1792.960	26.84	6.94	13.45	47.23	54.00	6.77	Peak
4	2023.120	27.64	5.89	10.21	43.73	54.00	10.27	Peak
5	2527.120	28.81	6.50	9.35	44.66	54.00	9.34	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462(802.11b)

Data no. : 5
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	18.63	47.11	54.00	6.89	Peak
2	1502.320	25.76	5.43	18.22	49.42	54.00	4.58	Peak
3	1599.760	26.08	6.14	15.78	47.99	54.00	6.01	Peak
4	1792.960	26.84	6.94	17.70	51.48	54.00	2.52	Peak
5	2019.760	27.64	5.89	14.73	48.25	54.00	5.75	Peak
6	2196.160	28.02	6.11	11.91	46.04	54.00	7.96	Peak
7	2599.360	29.04	6.63	9.68	45.35	54.00	8.65	Peak

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

Site no. : A/C Chamber
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462(802.11b)

Data no. : 7
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	3002.080	30.40	7.22	7.11	44.73	54.00	9.27	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462(802.11b)

Data no. : 8
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2995.480	30.34	7.20	10.91	48.46	54.00	5.54	Peak

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

802.11b, Receive, Frequency: 2437MHz

Site no. : A/C Chamber
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11b)

Data no. : 5
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1003.360	24.30	4.18	16.60	45.08	54.00	8.92	Peak
2	1502.320	25.76	5.43	16.23	47.43	54.00	6.57	Peak
3	1796.320	26.84	6.92	14.47	48.23	54.00	5.77	Peak
4	2023.120	27.64	5.89	10.10	43.62	54.00	10.38	Peak
5	2199.520	28.06	6.11	10.23	44.40	54.00	9.60	Peak
6	2254.960	28.17	6.17	10.12	44.46	54.00	9.54	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11b)

Data no. : 6
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	16.84	45.32	54.00	8.68	Peak
2	1502.320	25.76	5.43	18.19	49.39	54.00	4.61	Peak
3	1599.760	26.08	6.14	12.04	44.25	54.00	9.75	Peak
4	1792.960	26.84	6.94	19.53	53.31	54.00	0.69	Peak
5	2023.120	27.64	5.89	14.93	48.45	54.00	5.55	Peak
6	2196.160	28.02	6.11	13.29	47.42	54.00	6.58	Peak
7	2599.360	29.04	6.63	11.88	47.55	54.00	6.45	Peak

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

Site no. : A/C Chamber
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11b)

Data no. : 2
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	3001.480	30.40	7.22	9.71	47.33	54.00	6.67	Peak

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

Site no. : A/C Chamber
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11b)

Data no. : 1
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	3001.480	30.40	7.22	10.86	48.48	54.00	5.52	Peak

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

802.11g, Transmit, Frequency: 2412MHz

Site no. : A/C Chamber
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412(802.11g)

Data no. : 5
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	17.18	45.66	54.00	8.34	Peak
2	1502.320	25.76	5.43	14.52	45.72	54.00	8.28	Peak
3	1796.320	26.84	6.92	13.77	47.53	54.00	6.47	Peak
4	2023.120	27.64	5.89	10.92	44.44	54.00	9.56	Peak
5	2191.120	28.02	6.10	10.38	44.50	54.00	9.50	Peak
6	2191.120	28.02	6.10	10.38	44.50	54.00	9.50	Peak
7	2249.920	28.17	6.17	9.93	44.27	54.00	9.73	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412(802.11g)

Data no. : 6
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	19.55	48.03	54.00	5.97	Peak
2	1502.320	25.76	5.43	18.10	49.30	54.00	4.70	Peak
3	1594.720	26.08	6.12	13.15	45.36	54.00	8.64	Peak
4	1796.320	26.84	6.92	16.97	50.73	54.00	3.27	Peak
5	2023.120	27.64	5.89	14.56	48.08	54.00	5.92	Peak
6	2196.160	28.02	6.11	10.83	44.96	54.00	9.04	Peak
7	2590.960	29.04	6.61	10.27	45.92	54.00	8.08	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412(802.11g)

Data no. : 8
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2986.240	30.34	7.20	8.45	45.99	54.00	8.01	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412(802.11g)

Data no. : 7
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2992.840	30.34	7.20	11.25	48.79	54.00	5.21	Peak

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

802.11g, Transmit, Frequency: 2437MHz

Site no. : A/C Chamber
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11g)

Data no. : 5
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	16.07	44.55	54.00	9.45	Peak
2	1502.320	25.76	5.43	14.80	46.00	54.00	8.00	Peak
3	1792.960	26.84	6.94	14.60	48.38	54.00	5.62	Peak
4	2023.120	27.64	5.89	10.21	43.73	54.00	10.27	Peak
5	2196.160	28.02	6.11	9.81	43.94	54.00	10.06	Peak
6	2254.960	28.17	6.17	9.71	44.05	54.00	9.95	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11g)

Data no. : 6
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1003.360	24.30	4.18	18.55	47.03	54.00	6.97	Peak
2	1199.920	24.88	4.59	14.05	43.52	54.00	10.48	Peak
3	1502.320	25.76	5.43	18.64	49.84	54.00	4.16	Peak
4	1594.720	26.08	6.12	13.58	45.79	54.00	8.21	Peak
5	1796.320	26.84	6.92	18.14	51.90	54.00	2.10	Peak
6	2023.120	27.64	5.89	14.98	48.50	54.00	5.50	Peak
7	2199.520	28.06	6.11	12.46	46.63	54.00	7.37	Peak
8	2594.320	29.04	6.61	9.63	45.29	54.00	8.71	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11g)

Data no. : 8
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2995.480	30.34	7.20	7.77	45.32	54.00	8.68	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11g)

Data no. : 7
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	3002.080	30.40	7.22	10.18	47.80	54.00	6.20	Peak

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

802.11g, Transmit, Frequency: 2462MHz

Site no. : A/C Chamber
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462(802.11g)

Data no. : 5
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	15.88	44.36	54.00	9.64	Peak
2	1502.320	25.76	5.43	15.08	46.28	54.00	7.72	Peak
3	1801.360	26.84	6.92	14.06	47.81	54.00	6.19	Peak
4	2023.120	27.64	5.89	10.70	44.22	54.00	9.78	Peak
5	2191.120	28.02	6.10	10.58	44.70	54.00	9.30	Peak
6	2254.960	28.17	6.17	10.03	44.37	54.00	9.63	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462(802.11g)

Data no. : 6
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	19.64	48.12	54.00	5.88	Peak
2	1502.320	25.76	5.43	18.01	49.21	54.00	4.79	Peak
3	1599.760	26.08	6.14	12.48	44.69	54.00	9.31	Peak
4	1792.960	26.84	6.94	18.54	52.32	54.00	1.68	Peak
5	2023.120	27.64	5.89	14.98	48.50	54.00	5.50	Peak
6	2199.520	28.06	6.11	11.08	45.25	54.00	8.75	Peak
7	2590.960	29.04	6.61	9.75	45.40	54.00	8.60	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462(802.11g)

Data no. : 8
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	3002.080	30.40	7.22	6.85	44.47	54.00	9.53	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462(802.11g)

Data no. : 7
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2995.480	30.34	7.20	10.20	47.75	54.00	6.25	Peak

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

802.11g, Receive, Frequency: 2437MHz

Site no. : A/C Chamber
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11g)

Data no. : 6
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	15.86	44.34	54.00	9.66	Peak
2	1502.320	25.76	5.43	15.33	46.53	54.00	7.47	Peak
3	1712.320	26.52	6.92	10.38	43.83	54.00	10.17	Peak
4	1792.960	26.84	6.94	14.72	48.50	54.00	5.50	Peak
5	2199.520	28.06	6.11	10.09	44.26	54.00	9.74	Peak
6	2249.920	28.17	6.17	10.53	44.87	54.00	9.13	Peak

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

Site no. : A/C Chamber
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11g)

Data no. : 5
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	18.18	46.66	54.00	7.34	Peak
2	1199.920	24.88	4.59	13.01	42.48	54.00	11.52	Peak
3	1502.320	25.76	5.43	18.01	49.21	54.00	4.79	Peak
4	1801.360	26.84	6.92	18.75	52.50	54.00	1.50	Peak
5	2023.120	27.64	5.89	14.65	48.17	54.00	5.83	Peak
6	2191.120	28.02	6.10	13.50	47.62	54.00	6.38	Peak
7	2527.120	28.81	6.50	10.24	45.55	54.00	8.45	Peak

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

Site no. : A/C Chamber
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11g)

Data no. : 2
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	3001.480	30.40	7.22	9.55	47.17	54.00	6.83	Peak

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

Site no. : A/C Chamber
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11g)

Data no. : 1
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	3001.480	30.40	7.22	11.49	49.11	54.00	4.89	Peak

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

802.11n-HT20, Transmit, Frequency: 2412MHz

Site no. : A/C Chamber Data no. : 5
 Dis. / Ant. : 3m 3115(4927) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412(802.11n-HT20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	16.56	45.04	54.00	8.96	Peak
2	1502.320	25.76	5.43	14.11	45.31	54.00	8.69	Peak
3	1801.360	26.84	6.92	13.34	47.09	54.00	6.91	Peak
4	2023.120	27.64	5.89	10.16	43.68	54.00	10.32	Peak
5	2191.120	28.02	6.10	10.03	44.15	54.00	9.85	Peak
6	2254.960	28.17	6.17	9.48	43.82	54.00	10.18	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. : 6
 Dis. / Ant. : 3m 3115(4927) Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412(802.11n-HT20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	18.51	46.99	54.00	7.01	Peak
2	1502.320	25.76	5.43	18.33	49.53	54.00	4.47	Peak
3	1586.320	26.02	6.05	13.92	45.98	54.00	8.02	Peak
4	1792.960	26.84	6.94	18.42	52.20	54.00	1.80	Peak
5	2023.120	27.64	5.89	15.29	48.81	54.00	5.19	Peak
6	2196.160	28.02	6.11	12.65	46.78	54.00	7.22	Peak
7	2594.320	29.04	6.61	11.87	47.53	54.00	6.47	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412(802.11n-HT20)

Data no. : 8
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	3002.080	30.40	7.22	7.66	45.28	54.00	8.72	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412(802.11n-HT20)

Data no. : 7
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2995.480	30.34	7.20	11.07	48.62	54.00	5.38	Peak

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

802.11n-HT20, Transmit, Frequency: 2437MHz

Site no. : A/C Chamber
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11n-HT20)

Data no. : 3
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	16.18	44.66	54.00	9.34	Peak
2	1502.320	25.76	5.43	14.29	45.49	54.00	8.51	Peak
3	1792.960	26.84	6.94	13.91	47.69	54.00	6.31	Peak
4	2191.120	28.02	6.10	10.63	44.75	54.00	9.25	Peak
5	2254.960	28.17	6.17	9.89	44.23	54.00	9.77	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11n-HT20)

Data no. : 4
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	18.56	47.04	54.00	6.96	Peak
2	1196.560	24.88	4.58	13.58	43.04	54.00	10.96	Peak
3	1502.320	25.76	5.43	17.85	49.05	54.00	4.95	Peak
4	1594.720	26.08	6.12	13.94	46.15	54.00	7.85	Peak
5	1712.320	26.52	6.92	12.64	46.09	54.00	7.91	Peak
6	1801.360	26.84	6.92	17.70	51.45	54.00	2.55	Peak
7	2023.120	27.64	5.89	13.42	46.94	54.00	7.06	Peak
8	2199.520	28.06	6.11	11.70	45.87	54.00	8.13	Peak

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

Site no. : A/C Chamber
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11n-HT20)

Data no. : 6
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	3002.080	30.40	7.22	7.77	45.39	54.00	8.61	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11n-HT20)

Data no. : 5
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2988.880	30.34	7.20	10.63	48.18	54.00	5.82	Peak

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

802.11n-HT20, Transmit, Frequency: 2462MHz

Site no. : A/C Chamber Data no. : 6
 Dis. / Ant. : 3m 3115(4927) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462(802.11n-HT20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1003.360	24.30	4.18	16.88	45.36	54.00	8.64	Peak
2	1502.320	25.76	5.43	15.33	46.53	54.00	7.47	Peak
3	1796.320	26.84	6.92	14.24	48.00	54.00	6.00	Peak
4	2196.160	28.02	6.11	10.03	44.16	54.00	9.84	Peak
5	2254.960	28.17	6.17	10.95	45.29	54.00	8.71	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(4927) Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462(802.11n-HT20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1003.360	24.30	4.18	16.93	45.41	54.00	8.59	Peak
2	1199.920	24.88	4.59	12.67	42.14	54.00	11.86	Peak
3	1502.320	25.76	5.43	16.83	48.03	54.00	5.97	Peak
4	1594.720	26.08	6.12	10.58	42.79	54.00	11.21	Peak
5	1801.360	26.84	6.92	18.52	52.27	54.00	1.73	Peak
6	2023.120	27.64	5.89	14.12	47.64	54.00	6.36	Peak
7	2196.160	28.02	6.11	13.36	47.49	54.00	6.51	Peak
8	2590.960	29.04	6.61	9.70	45.35	54.00	8.65	Peak

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

Site no. : A/C Chamber
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462(802.11n-HT20)

Data no. : 7
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2992.840	30.34	7.20	8.22	45.76	54.00	8.24	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462(802.11n-HT20)

Data no. : 8
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2995.480	30.34	7.20	9.42	46.97	54.00	7.03	Peak

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

802.11n-HT20, Receive, Frequency: 2437MHz

Site no. : A/C Chamber Data no. : 3
 Dis. / Ant. : 3m 3115(4927) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11n-HT20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	15.52	44.00	54.00	10.00	Peak
2	1502.320	25.76	5.43	15.20	46.40	54.00	7.60	Peak
3	1801.360	26.84	6.92	15.95	49.70	54.00	4.30	Peak
4	2023.120	27.64	5.89	10.37	43.89	54.00	10.11	Peak
5	2199.520	28.06	6.11	10.16	44.33	54.00	9.67	Peak
6	2254.960	28.17	6.17	9.91	44.25	54.00	9.75	Peak

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

Site no. : A/C Chamber Data no. : 4
 Dis. / Ant. : 3m 3115(4927) Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11n-HT20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	17.60	46.08	54.00	7.92	Peak
2	1502.320	25.76	5.43	17.76	48.96	54.00	5.04	Peak
3	1599.760	26.08	6.14	13.93	46.14	54.00	7.86	Peak
4	1796.320	26.84	6.92	19.23	52.99	54.00	1.01	Peak
5	2023.120	27.64	5.89	13.84	47.36	54.00	6.64	Peak
6	2196.160	28.02	6.11	13.88	48.01	54.00	5.99	Peak
7	2599.360	29.04	6.63	11.70	47.37	54.00	6.63	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11n-HT20)

Data no. : 10
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	3001.480	30.40	7.22	10.55	48.17	54.00	5.83	Peak

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

Site no. : A/C Chamber
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11n-HT20)

Data no. : 9
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	3001.480	30.40	7.22	12.49	50.11	54.00	3.89	Peak

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

802.11n-HT40, Transmit, Frequency: 2422MHz

Site no. : A/C Chamber Data no. : 6
 Dis. / Ant. : 3m 3115(4927) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2422(802.11n-HT40)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	16.09	44.57	54.00	9.43	Peak
2	1502.320	25.76	5.43	14.94	46.14	54.00	7.86	Peak
3	1594.720	26.08	6.12	10.94	43.15	54.00	10.85	Peak
4	1792.960	26.84	6.94	14.74	48.52	54.00	5.48	Peak
5	2191.120	28.02	6.10	10.47	44.59	54.00	9.41	Peak
6	2254.960	28.17	6.17	10.12	44.46	54.00	9.54	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(4927) Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2422(802.11n-HT40)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	18.30	46.78	54.00	7.22	Peak
2	1502.320	25.76	5.43	18.29	49.49	54.00	4.51	Peak
3	1796.320	26.84	6.92	18.77	52.53	54.00	1.47	Peak
4	2023.120	27.64	5.89	13.58	47.10	54.00	6.90	Peak
5	2199.520	28.06	6.11	12.48	46.65	54.00	7.35	Peak
6	2594.320	29.04	6.61	10.79	46.45	54.00	7.55	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2422(802.11n-HT40)

Data no. : 7
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	3002.080	30.40	7.22	7.47	45.09	54.00	8.91	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2422(802.11n-HT40)

Data no. : 8
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2992.840	30.34	7.20	11.12	48.66	54.00	5.34	Peak

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

802.11n-HT40, Transmit, Frequency: 2437MHz

Site no. : A/C Chamber Data no. : 6
 Dis. / Ant. : 3m 3115(4927) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11n-HT40)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	15.80	44.28	54.00	9.72	Peak
2	1502.320	25.76	5.43	15.72	46.92	54.00	7.08	Peak
3	1792.960	26.84	6.94	12.32	46.10	54.00	7.90	Peak
4	2023.120	27.64	5.89	9.61	43.13	54.00	10.87	Peak
5	2199.520	28.06	6.11	10.46	44.63	54.00	9.37	Peak
6	2254.960	28.17	6.17	9.36	43.70	54.00	10.30	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. : 5
 Dis. / Ant. : 3m 3115(4927) Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11n-HT40)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	18.33	46.81	54.00	7.19	Peak
2	1502.320	25.76	5.43	18.19	49.39	54.00	4.61	Peak
3	1515.760	25.76	5.54	16.85	48.15	54.00	5.85	Peak
4	1792.960	26.84	6.94	18.81	52.59	54.00	1.41	Peak
5	2023.120	27.64	5.89	13.82	47.34	54.00	6.66	Peak
6	2199.520	28.06	6.11	12.60	46.77	54.00	7.23	Peak
7	2590.960	29.04	6.61	10.25	45.90	54.00	8.10	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11n-HT40)

Data no. : 7
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	3002.080	30.40	7.22	6.97	44.59	54.00	9.41	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2437(802.11n-HT40)

Data no. : 8
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	3002.080	30.40	7.22	10.14	47.76	54.00	6.24	Peak

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

802.11n-HT40, Transmit, Frequency: 2452MHz

Site no. : A/C Chamber
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2452(802.11n-HT40)

Data no. : 6
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	15.15	43.63	54.00	10.37	Peak
2	1502.320	25.76	5.43	13.76	44.96	54.00	9.04	Peak
3	1792.960	26.84	6.94	11.70	45.48	54.00	8.52	Peak
4	2023.120	27.64	5.89	9.61	43.13	54.00	10.87	Peak
5	2196.160	28.02	6.11	9.62	43.75	54.00	10.25	Peak
6	2249.920	28.17	6.17	9.71	44.05	54.00	9.95	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2452(802.11n-HT40)

Data no. : 5
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	19.17	47.65	54.00	6.35	Peak
2	1502.320	25.76	5.43	18.05	49.25	54.00	4.75	Peak
3	1515.760	25.76	5.54	16.15	47.45	54.00	6.55	Peak
4	1586.320	26.02	6.05	13.30	45.36	54.00	8.64	Peak
5	1792.960	26.84	6.94	17.79	51.57	54.00	2.43	Peak
6	2023.120	27.64	5.89	14.36	47.88	54.00	6.12	Peak
7	2199.520	28.06	6.11	11.51	45.68	54.00	8.32	Peak
8	2590.960	29.04	6.61	10.41	46.06	54.00	7.94	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2452(802.11n-HT40)

Data no. : 7
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	3002.080	30.40	7.22	6.64	44.26	54.00	9.74	Peak

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

Site no. : A/C Chamber
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2452(802.11n-HT40)

Data no. : 8
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	3002.080	30.40	7.22	9.59	47.21	54.00	6.79	Peak

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

802.11n-HT40, Receive, Frequency: 2437MHz

Site no. : A/C Chamber
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11n-HT40)

Data no. : 6
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1000.000	24.30	4.18	15.11	43.59	54.00	10.41	Peak
2	1502.320	25.76	5.43	15.49	46.69	54.00	7.31	Peak
3	1801.360	26.84	6.92	13.43	47.18	54.00	6.82	Peak
4	2023.120	27.64	5.89	10.85	44.37	54.00	9.63	Peak
5	2199.520	28.06	6.11	10.52	44.69	54.00	9.31	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11n-HT40)

Data no. : 5
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	1003.360	24.30	4.18	18.60	47.08	54.00	6.92	Peak
2	1502.320	25.76	5.43	17.94	49.14	54.00	4.86	Peak
3	1515.760	25.76	5.54	14.85	46.15	54.00	7.85	Peak
4	1801.360	26.84	6.92	19.21	52.96	54.00	1.04	Peak
5	2023.120	27.64	5.89	14.58	48.10	54.00	5.90	Peak
6	2199.520	28.06	6.11	12.95	47.12	54.00	6.88	Peak
7	2590.960	29.04	6.61	10.94	46.59	54.00	7.41	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11n-HT40)

Data no. : 1
 Ant. pol. : HORIZONTAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	3001.480	30.40	7.22	8.96	46.58	54.00	7.42	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
 Dis. / Ant. : 3m 3115(4927)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63%
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : RX2437(802.11n-HT40)

Data no. : 2
 Ant. pol. : VERTICAL
 □Jarwei Wang

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	3001.480	30.40	7.22	9.98	47.60	54.00	6.40	Peak

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. Restricted Bands Measurement Results

Date of Test : Oct. 19, 2010 Temperature : 24°C

EUT : Portable Computer Humidity : 63%

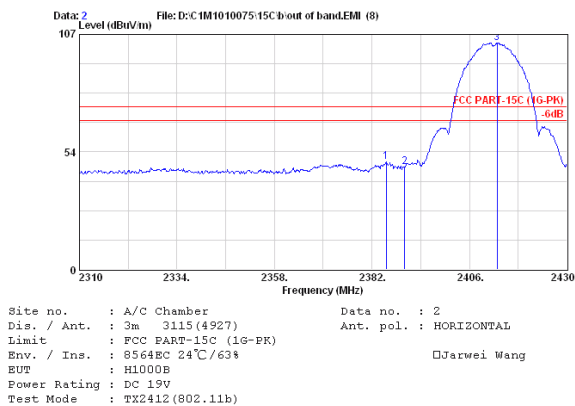
Test Mode : 802.11b, Transmit, Channel: 02, Frequency: 2412MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Peak *	2385.480	28.43	6.33	14.41	49.17	74.00	24.83
Average *	2386.080	28.47	6.33	2.53	37.33	54.00	16.67

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



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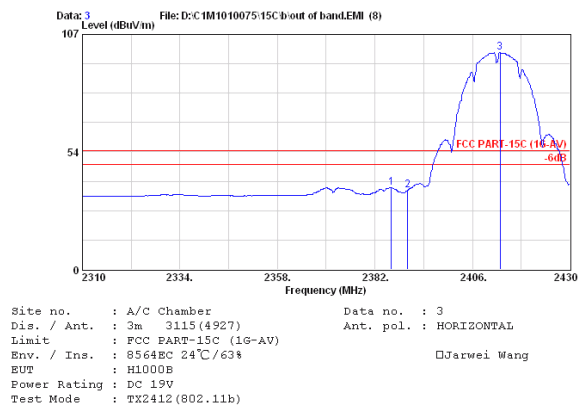


	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2385.480	28.43	6.33	14.41	49.17	74.00	24.83	Peak
2	2390.040	28.47	6.34	11.72	46.54	74.00	27.46	Peak
3	2412.840	28.51	6.36	68.38	103.26	74.00	-29.26	Peak

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



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	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2386.080	28.47	6.33	2.53	37.33	54.00	16.67	Average
2	2390.040	28.47	6.34	1.09	35.91	54.00	18.09	Average
3	2412.840	28.51	6.36	63.88	98.76	54.00	-44.76	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 : Oct. 19, 2010 Temperature : 24°C

EUT : Portable Computer Humidity : 63%

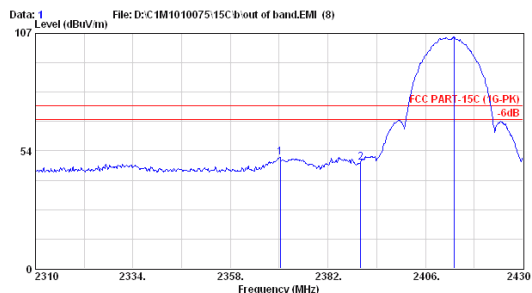
Test Mode : 802.11b, Transmit, Channel: 02, Frequency: 2412MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Peak *	2370.240	28.43	6.31	15.81	50.55	74.00	23.45
Average *	2386.080	28.47	6.33	5.44	40.24	54.00	13.76

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



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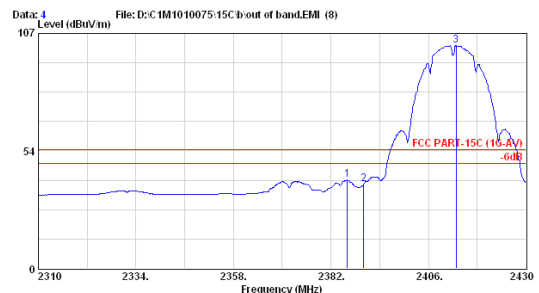
Site no. : A/C Chamber Data no. : 1
 Dis. / Ant. : 3m 3115 (4927) Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564BC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412 (802.11b)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2370.240	28.43	6.31	15.81	50.56	74.00	23.44	Peak
2	2390.040	28.47	6.34	13.53	48.35	74.00	25.65	Peak
3	2413.080	28.51	6.36	70.54	105.41	74.00	-31.41	Peak

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



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Site no. : A/C Chamber Data no. : 4
 Dis. / Ant. : 3m 3115 (4927) Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564BC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412 (802.11b)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2386.080	28.47	6.33	5.44	40.24	54.00	13.76	Average
2	2390.040	28.47	6.34	3.44	38.26	54.00	15.74	Average
3	2412.840	28.51	6.36	66.55	101.43	54.00	-47.43	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 : Oct. 19, 2010 Temperature : 24°C

EUT : Portable Computer Humidity : 63%

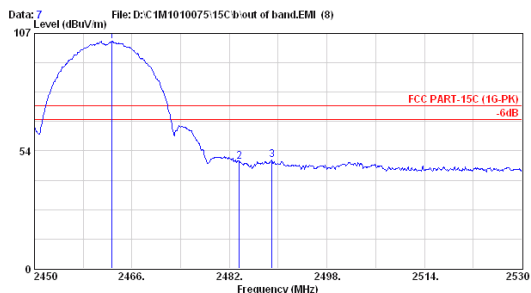
Test Mode : 802.11b, Transmit, Channel: 11, Frequency: 2462MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Peak *	2488.960	28.70	6.45	14.27	49.42	74.00	24.58
Average *	2488.560	28.70	6.45	4.21	39.36	54.00	14.64

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



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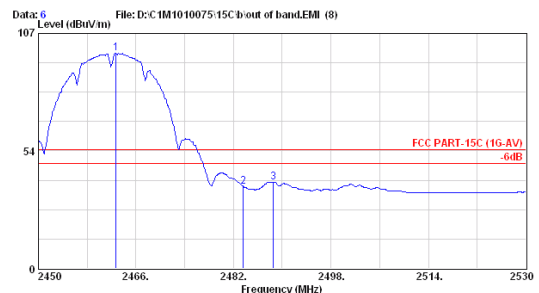
Site no. : A/C Chamber Data no. : 7
 Dis. / Ant. : 3m 3115 (4927) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564BC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462 (802.11b)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2462.720	28.62	6.42	68.58	103.63	74.00	-29.63	Peak
2	2483.600	28.66	6.45	13.62	48.73	74.00	25.27	Peak
3	2488.960	28.70	6.45	14.27	49.42	74.00	24.58	Peak

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



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Site no. : A/C Chamber Data no. : 6
 Dis. / Ant. : 3m 3115 (4927) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564BC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462 (802.11b)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2462.720	28.62	6.42	62.90	97.95	54.00	-43.95	Average
2	2483.600	28.66	6.45	2.16	37.27	54.00	16.73	Average
3	2488.560	28.70	6.45	4.21	39.37	54.00	14.63	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 : Oct. 19, 2010 Temperature : 24°C

EUT : Portable Computer Humidity : 63%

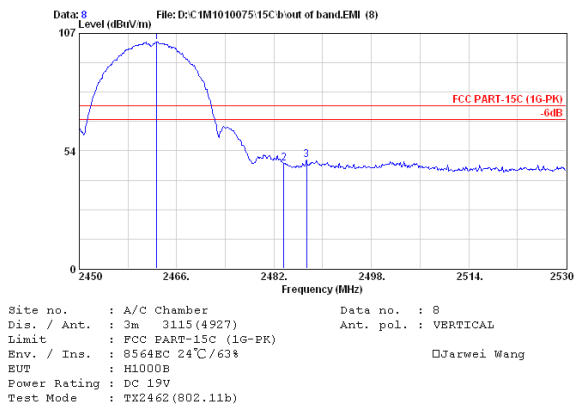
Test Mode : 802.11b, Transmit, Channel: 11, Frequency: 2462MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Peak *	2487.360	28.66	6.45	14.37	49.48	74.00	24.52
Average *	2488.720	28.70	6.45	3.98	39.13	54.00	14.87

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



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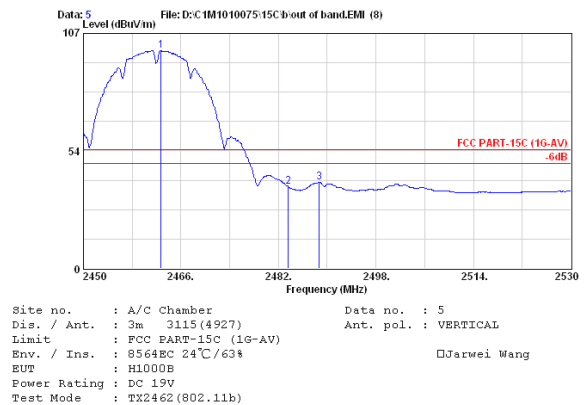


	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2462.720	28.62	6.42	68.15	103.20	74.00	-29.20	Peak
2	2483.600	28.66	6.45	12.80	47.92	74.00	26.08	Peak
3	2487.360	28.66	6.45	14.37	49.48	74.00	24.52	Peak

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



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	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2462.720	28.62	6.42	64.16	99.21	54.00	-45.21	Average
2	2483.600	28.66	6.45	2.09	37.21	54.00	16.79	Average
3	2488.720	28.70	6.45	3.98	39.14	54.00	14.86	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 : Oct. 19, 2010 Temperature : 24°C

EUT : Portable Computer Humidity : 63%

Test Mode : 802.11g, Transmit, Channel: 02, Frequency: 2412MHz

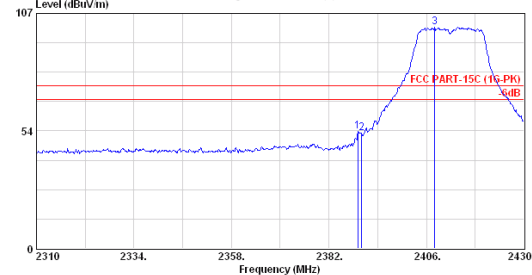
	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Peak *	2389.080	28.47	6.34	18.42	53.23	74.00	20.77
Average *	2389.920	28.47	6.34	2.81	37.62	54.00	16.38

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



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Data: 2 File: D:\C1M101007515C\gout of bandEMI (8)



Site no. : A/C Chamber Data no. : 2
 Dis. / Ant. : 3m 3115 (4927) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564BC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412 (802.11g)

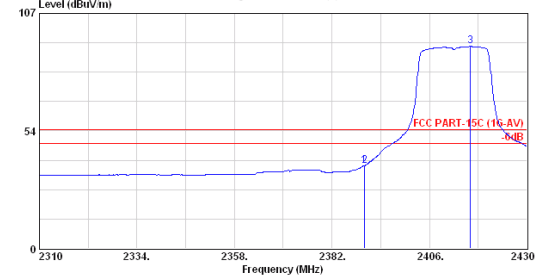
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2389.080	28.47	6.34	18.42	53.23	74.00	20.77	Peak
2	2390.040	28.47	6.34	17.73	52.55	74.00	21.45	Peak
3	2408.040	28.51	6.36	65.89	100.76	74.00	-26.76	Peak

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



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Data: 3 File: D:\C1M101007515C\gout of bandEMI (8)



Site no. : A/C Chamber Data no. : 3
 Dis. / Ant. : 3m 3115 (4927) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564BC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412 (802.11g)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2389.920	28.47	6.34	2.81	37.62	54.00	16.38	Average
2	2390.040	28.47	6.34	2.86	37.68	54.00	16.32	Average
3	2416.080	28.51	6.36	57.10	91.97	54.00	-37.97	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 : Oct. 19, 2010 Temperature : 24°C

EUT : Portable Computer Humidity : 63%

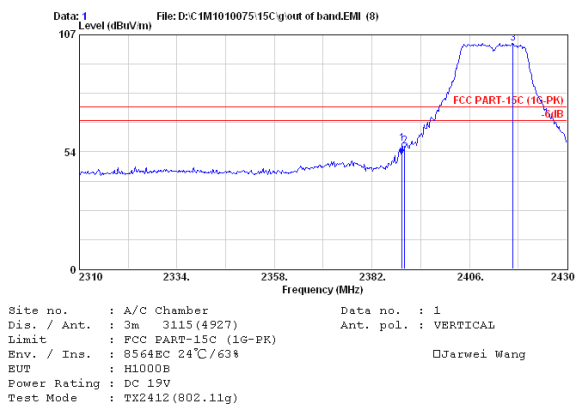
Test Mode : 802.11g, Transmit, Channel: 02, Frequency: 2412MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Peak *	2389.440	28.47	6.34	22.23	57.04	74.00	16.96
Average *	2389.920	28.47	6.34	6.39	41.20	54.00	12.80

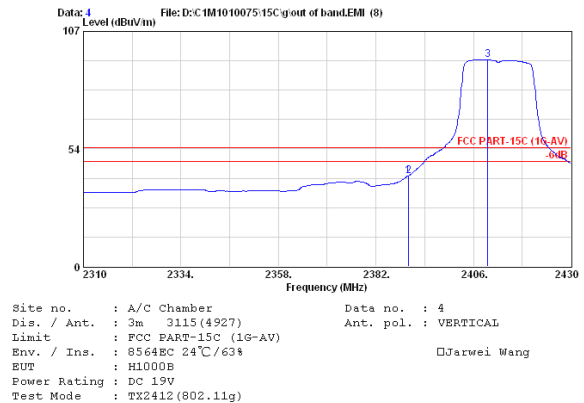
- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2310-2390MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



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Date of Test : Oct. 19, 2010 Temperature : 24°C

EUT : Portable Computer Humidity : 63%

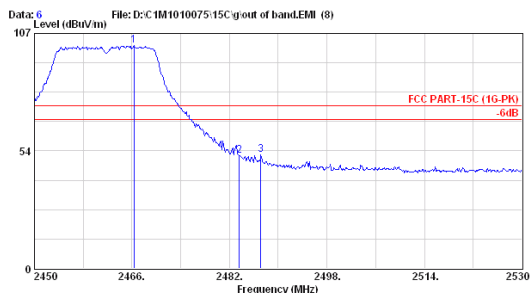
Test Mode : 802.11g, Transmit, Channel: 11, Frequency: 2462MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Peak *	2487.120	28.66	6.45	16.63	51.74	74.00	22.26
Average *	2483.6800	28.66	6.45	5.14	40.25	54.00	13.75

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



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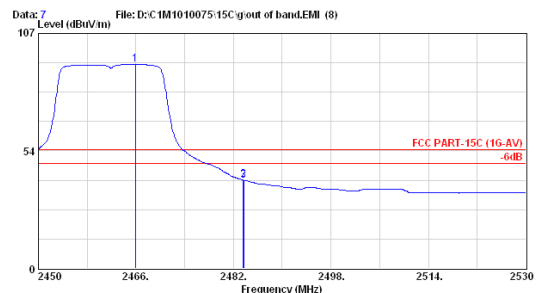
Site no. : A/C Chamber Data no. : 6
 Dis. / Ant. : 3m 3115 (4927) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564BC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462 (802.11g)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2466.320	28.62	6.42	66.43	101.48	74.00	-27.48	Peak
2	2483.600	28.66	6.45	16.25	51.37	74.00	22.63	Peak
3	2487.120	28.66	6.45	16.63	51.74	74.00	22.26	Peak

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



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Site no. : A/C Chamber Data no. : 7
 Dis. / Ant. : 3m 3115 (4927) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564BC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462 (802.11g)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2465.920	28.62	6.42	57.93	92.98	54.00	-38.98	Average
2	2483.600	28.66	6.45	5.14	40.26	54.00	13.74	Average
3	2483.680	28.66	6.45	5.05	40.17	54.00	13.83	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 : Oct. 19, 2010 Temperature : 24°C

EUT : Portable Computer Humidity : 63%

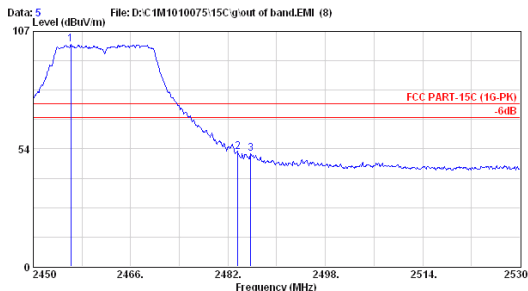
Test Mode : 802.11g, Transmit, Channel: 11, Frequency: 2462MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Peak *	2483.600	28.66	6.45	16.93	52.04	74.00	21.96
Average *	2483.600	28.66	6.45	3.03	38.14	54.00	15.86

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



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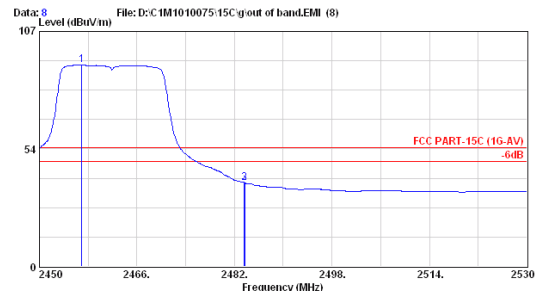
Site no. : A/C Chamber Data no. : 5
 Dis. / Ant. : 3m 3115 (4927) Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462 (802.11g)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2456.160	28.62	6.42	66.00	101.04	74.00	-27.04	Peak
2	2483.600	28.66	6.45	16.93	52.04	74.00	21.96	Peak
3	2485.760	28.66	6.45	16.26	51.37	74.00	22.63	Peak

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



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Site no. : A/C Chamber Data no. : 8
 Dis. / Ant. : 3m 3115 (4927) Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564EC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462 (802.11g)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2456.960	28.62	6.42	56.61	91.65	54.00	-37.65	Average
2	2483.600	28.66	6.45	3.03	38.14	54.00	15.86	Average
3	2483.680	28.66	6.45	2.92	38.03	54.00	15.97	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 : Oct. 19, 2010 Temperature : 24°C

EUT : Portable Computer Humidity : 63%

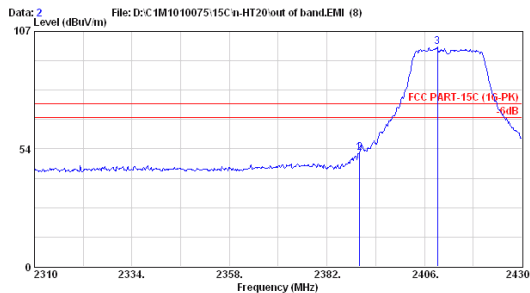
Test Mode : 802.11n-HT20, Transmit, Channel: 02, Frequency: 2412MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Peak *	2389.920	28.47	6.34	16.86	51.67	74.00	22.33
Average *	2389.920	28.47	6.34	1.75	36.56	54.00	17.44

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



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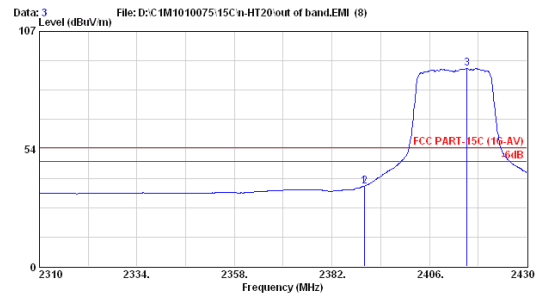
Site no. : A/C Chamber Data no. : 2
 Dis. / Ant. : 3m 3115 (4927) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564BC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412 (802.11n-HT20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2389.920	28.47	6.34	16.86	51.67	74.00	22.33	Peak
2	2390.040	28.47	6.34	17.08	51.90	74.00	22.10	Peak
3	2409.240	28.51	6.36	64.92	99.80	74.00	-25.80	Peak

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



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Site no. : A/C Chamber Data no. : 3
 Dis. / Ant. : 3m 3115 (4927) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564BC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412 (802.11n-HT20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2389.920	28.47	6.34	1.75	36.57	54.00	17.43	Average
2	2390.040	28.47	6.34	1.81	36.63	54.00	17.37	Average
3	2415.240	28.51	6.36	55.20	90.08	54.00	-36.08	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 : Oct. 19, 2010 Temperature : 24°C

EUT : Portable Computer Humidity : 63%

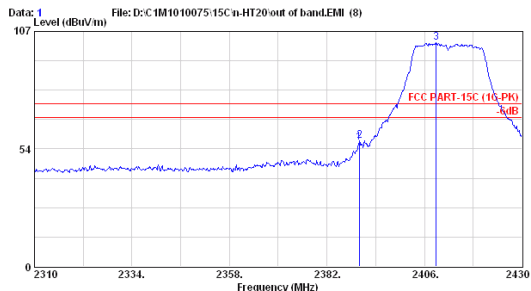
Test Mode : 802.11n-HT20, Transmit, Channel: 02, Frequency: 2412MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Peak *	2389.920	28.47	6.34	21.63	56.44	74.00	17.56
Average *	2389.920	28.47	6.34	5.24	40.05	54.00	13.95

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



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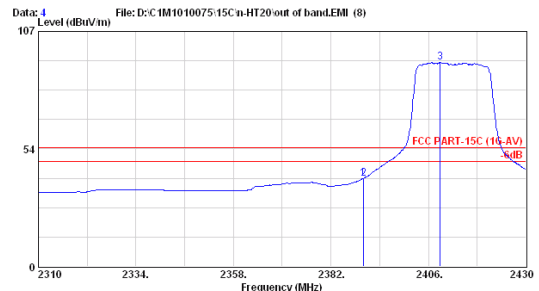
Site no. : A/C Chamber Data no. : 1
 Dis. / Ant. : 3m 3115 (4927) Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564BC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412 (802.11n-HT20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2389.920	28.47	6.34	21.63	56.45	74.00	17.55	Peak
2	2390.040	28.47	6.34	22.54	57.36	74.00	16.64	Peak
3	2408.880	28.51	6.36	67.21	102.08	74.00	-28.08	Peak

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



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Site no. : A/C Chamber Data no. : 4
 Dis. / Ant. : 3m 3115 (4927) Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564BC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2412 (802.11n-HT20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2389.920	28.47	6.34	5.24	40.05	54.00	13.95	Average
2	2390.040	28.47	6.34	5.35	40.17	54.00	13.83	Average
3	2408.880	28.51	6.36	57.96	92.83	54.00	-38.83	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 : Oct. 19, 2010 Temperature : 24°C

EUT : Portable Computer Humidity : 63%

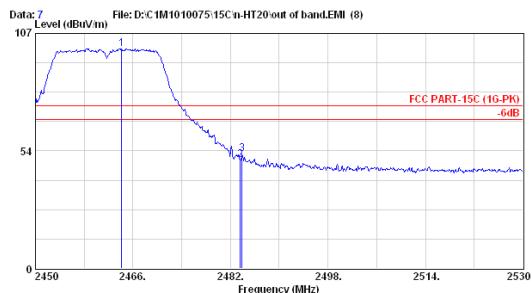
Test Mode : 802.11n-HT20, Transmit, Channel: 11, Frequency: 2462MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Peak *	2483.920	28.66	6.45	17.03	52.14	74.00	21.86
Average *	2483.600	28.66	6.45	2.88	37.99	54.00	16.01

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



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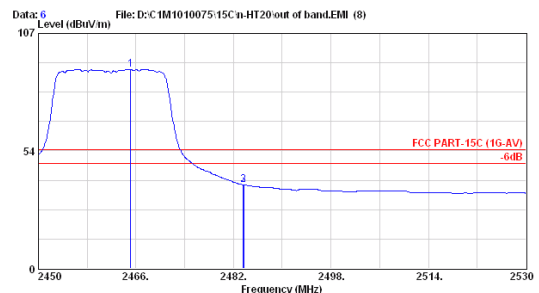
Site no. : A/C Chamber Data no. : 7
 Dis. / Ant. : 3m 3115 (4927) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564BC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462 (802.11n-HT20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2464.160	28.62	6.42	65.09	100.13	74.00	-26.13	Peak
2	2483.600	28.66	6.45	14.10	49.22	74.00	24.78	Peak
3	2483.920	28.66	6.45	17.03	52.15	74.00	21.85	Peak

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



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Site no. : A/C Chamber Data no. : 6
 Dis. / Ant. : 3m 3115 (4927) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564BC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2462 (802.11n-HT20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2465.120	28.62	6.42	55.68	90.73	54.00	-36.73	Average
2	2483.600	28.66	6.45	2.88	37.99	54.00	16.01	Average
3	2483.680	28.66	6.45	2.86	37.97	54.00	16.03	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 : Oct. 19, 2010 Temperature : 24°C

EUT : Portable Computer Humidity : 63%

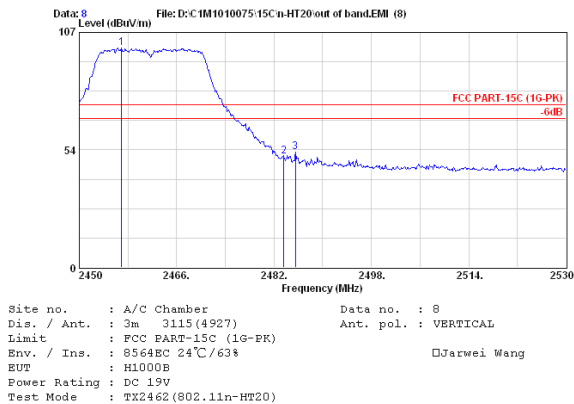
Test Mode : 802.11n-HT20, Transmit, Channel: 11, Frequency: 2462MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Peak *	2485.520	28.66	6.45	17.23	52.34	74.00	21.66
Average *	2483.600	28.66	6.45	1.73	36.84	54.00	17.16

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



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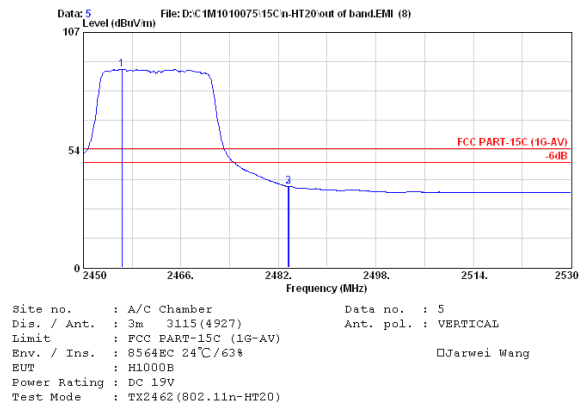


	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2456.960	28.62	6.42	64.89	99.93	74.00	-25.93	Peak
2	2483.600	28.66	6.45	15.34	50.45	74.00	23.55	Peak
3	2485.520	28.66	6.45	17.23	52.34	74.00	21.66	Peak

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



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	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2456.320	28.62	6.42	55.21	90.25	54.00	-36.25	Average
2	2483.600	28.66	6.45	1.73	36.85	54.00	17.15	Average
3	2483.680	28.66	6.45	1.69	36.81	54.00	17.19	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 : Oct. 19, 2010 Temperature : 24°C

EUT : Portable Computer Humidity : 63%

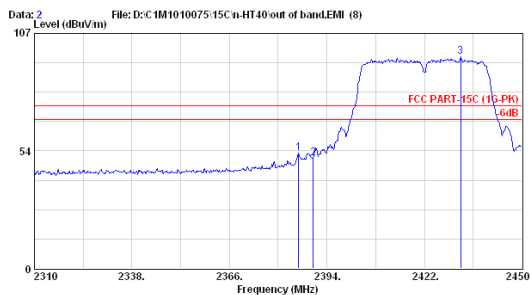
Test Mode : 802.11n-HT40, Transmit, Channel: 02, Frequency: 2422MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Peak *	2385.880	28.10	6.33	18.16	52.59	74.00	21.41
Average *	2389.940	28.10	6.34	2.44	36.88	54.00	17.12

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



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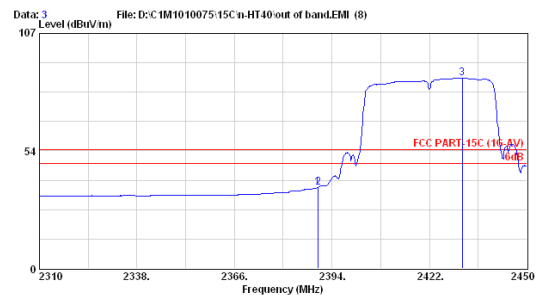
Site no. : A/C Chamber Data no. : 2
 Dis. / Ant. : 3m 3115 (3775) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564BC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2422 (802.11n-HT40)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2385.880	28.10	6.33	18.16	52.59	74.00	21.41	Peak
2	2390.080	28.10	6.34	15.55	49.99	74.00	24.01	Peak
3	2432.360	28.13	6.39	61.72	96.24	74.00	-22.24	Peak

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



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Site no. : A/C Chamber Data no. : 3
 Dis. / Ant. : 3m 3115 (3775) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564BC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2422 (802.11n-HT40)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2389.940	28.10	6.34	2.44	36.88	54.00	17.12	Average
2	2390.080	28.10	6.34	2.53	36.97	54.00	17.03	Average
3	2431.380	28.13	6.39	52.29	86.81	54.00	-32.81	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 : Oct. 19, 2010 Temperature : 24°C

EUT : Portable Computer Humidity : 63%

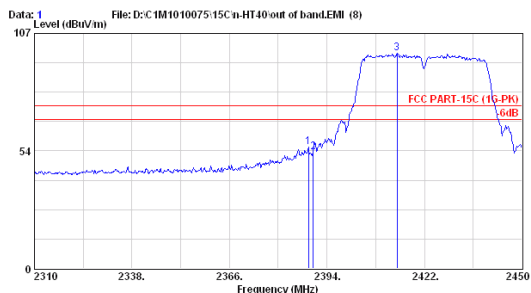
Test Mode : 802.11n-HT40, Transmit, Channel: 02, Frequency: 2422MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Peak *	2388.680	28.10	6.34	20.75	55.19	74.00	18.81
Average *	2389.940	28.10	6.34	6.75	41.19	54.00	12.81

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



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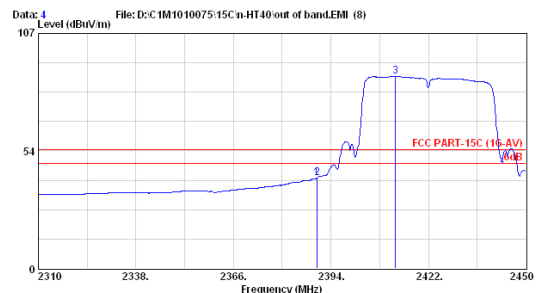
Site no. : A/C Chamber Data no. : 1
 Dis. / Ant. : 3m 3115 (3775) Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564BC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2422 (802.11n-HT40)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2388.680	28.10	6.34	20.75	55.18	74.00	18.82	Peak
2	2390.080	28.10	6.34	18.47	52.91	74.00	21.09	Peak
3	2414.160	28.11	6.36	63.34	97.82	74.00	-23.82	Peak

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



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Site no. : A/C Chamber Data no. : 4
 Dis. / Ant. : 3m 3115 (3775) Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564BC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2422 (802.11n-HT40)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2389.940	28.10	6.34	6.75	41.19	54.00	12.81	Average
2	2390.080	28.10	6.34	6.97	41.31	54.00	12.69	Average
3	2412.480	28.11	6.36	53.01	87.49	54.00	-33.49	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 : Oct. 19, 2010 Temperature : 24°C

EUT : Portable Computer Humidity : 63%

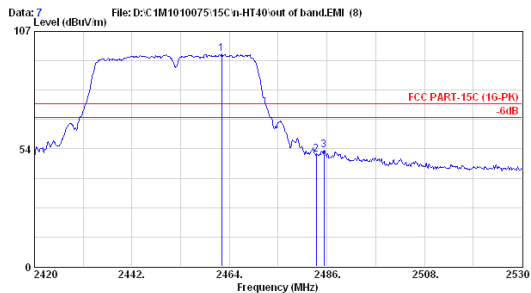
Test Mode : 802.11n-HT40, Transmit, Channel: 11, Frequency: 2452MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Horizontal dBμV	Emission Level Horizontal dBμV/m	Limits dBμV/m	Margin dB
Peak *	2485.340	28.18	6.45	18.29	52.92	74.00	21.08
Average *	2485.340	28.18	6.45	4.77	39.40	54.00	14.60

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



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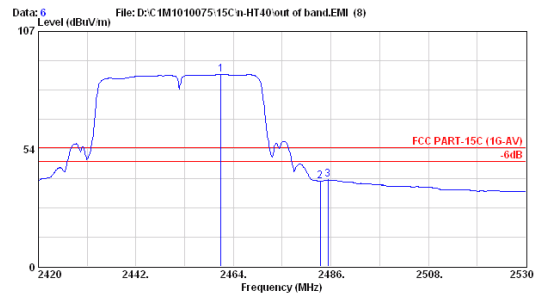
Site no. : A/C Chamber Data no. : 7
 Dis. / Ant. : 3m 3115 (3775) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : 8564BC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2452 (802.11n-HT20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2462.240	28.17	6.42	62.21	96.80	74.00	-22.80	Peak
2	2483.580	28.18	6.45	16.36	50.99	74.00	23.01	Peak
3	2485.340	28.18	6.45	18.29	52.93	74.00	21.07	Peak

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



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Site no. : A/C Chamber Data no. : 6
 Dis. / Ant. : 3m 3115 (3775) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : 8564BC 24°C/63% □Jarwei Wang
 EUT : H1000B
 Power Rating : DC 19V
 Test Mode : TX2452 (802.11n-HT20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2461.140	28.17	6.42	52.93	87.52	54.00	-33.52	Average
2	2483.580	28.18	6.45	4.10	38.74	54.00	15.26	Average
3	2485.340	28.18	6.45	4.77	39.41	54.00	14.59	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 : Oct. 19, 2010 Temperature : 24°C

EUT : Portable Computer Humidity : 63%

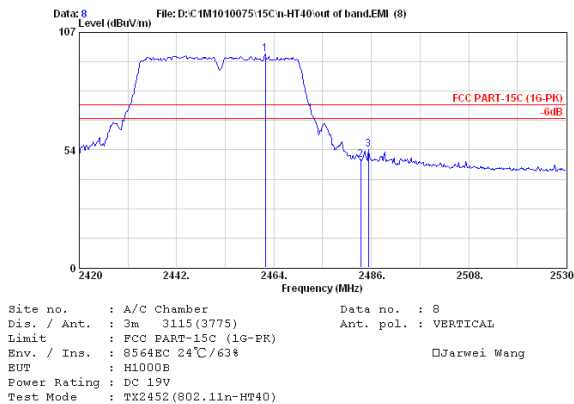
Test Mode : 802.11n-HT40, Transmit, Channel: 11, Frequency: 2452MHz

	Emission Frequency MHz	Antenna Factor dB/m	Cable Loss dB	Meter Reading Vertical dBμV	Emission Level Vertical dBμV/m	Limits dBμV/m	Margin dB
Peak *	2485.340	28.18	6.45	18.89	53.52	74.00	20.48
Average *	2485.670	28.18	6.45	3.61	38.24	54.00	15.76

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



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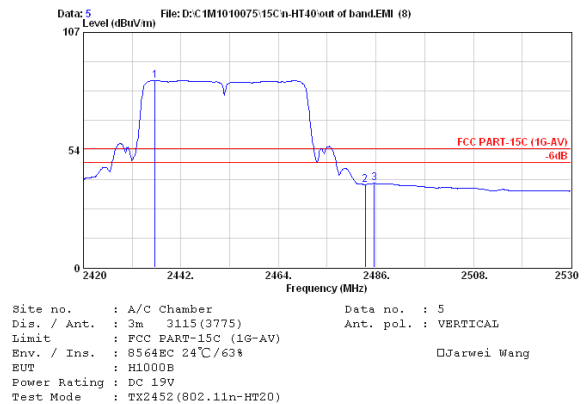


	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2462.020	28.17	6.42	62.56	97.15	74.00	-23.15	Peak
2	2483.580	28.18	6.45	14.17	48.81	74.00	25.19	Peak
3	2485.340	28.18	6.45	18.89	53.53	74.00	20.47	Peak

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



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	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2436.170	28.13	6.39	50.67	85.19	54.00	-31.19	Average
2	2483.580	28.18	6.45	3.10	37.73	54.00	16.27	Average
3	2485.670	28.18	6.45	3.61	38.25	54.00	15.75	Average

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

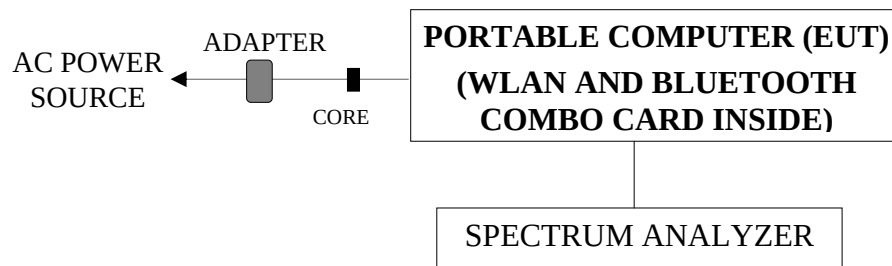
4. 6dB BANDWIDTH MEASUREMENT

4.1. Test Equipment

The following test equipment was used during the Emission Bandwidth measurement:

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E4446A	US44300366	Aug. 04, 10'	Aug. 03, 11'

4.2. Block Diagram of Test Setup



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

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

4.4. Operating Condition of EUT

The test program “Realtek 11n single chip 92C PCIE WLAN MP Diagnostic Program 0.0015.0524.2010” was used to enable the EUT to transmit data at different channel frequency individually.

4.5. 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 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB.

The measurement guideline was according to KDB 558074.

4.6. Test Results

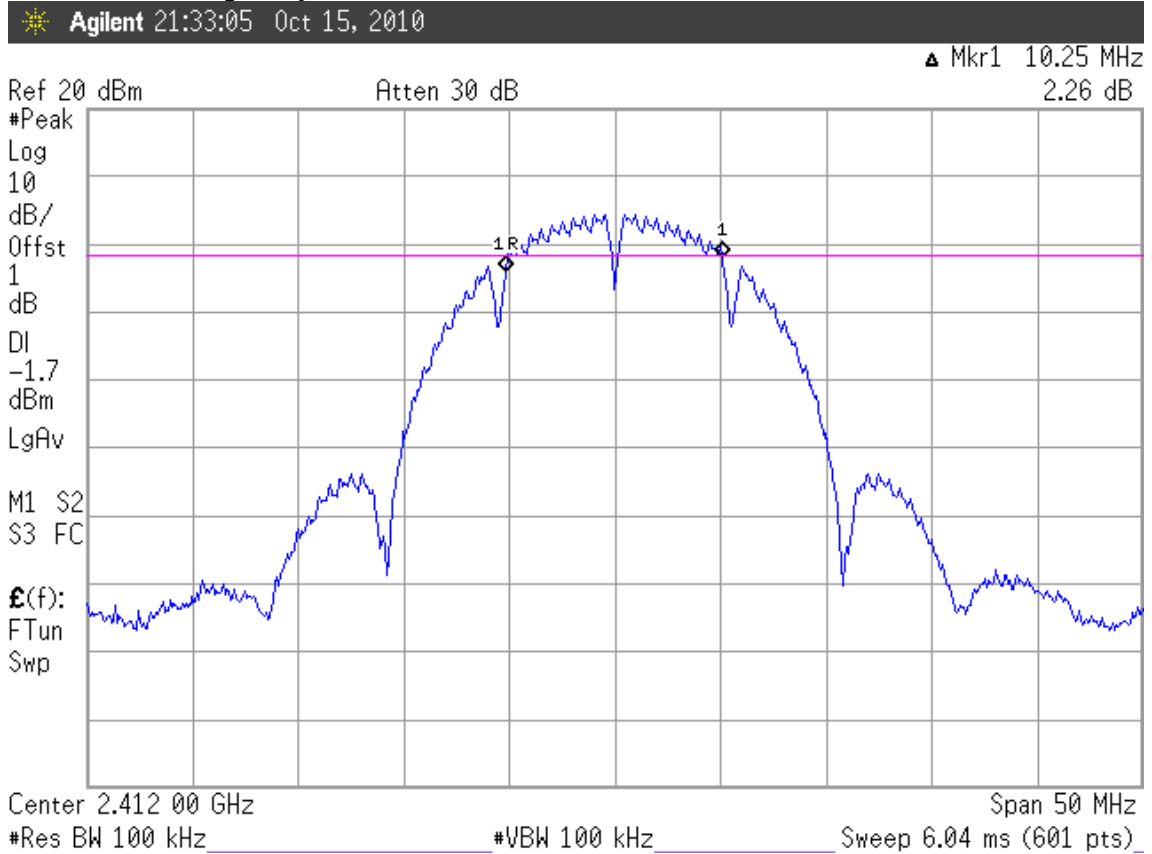
PASSED. All the test results are attached in next pages.

(Test Date : Oct. 15, 2010 Temperature : 26°C Humidity : 53%)

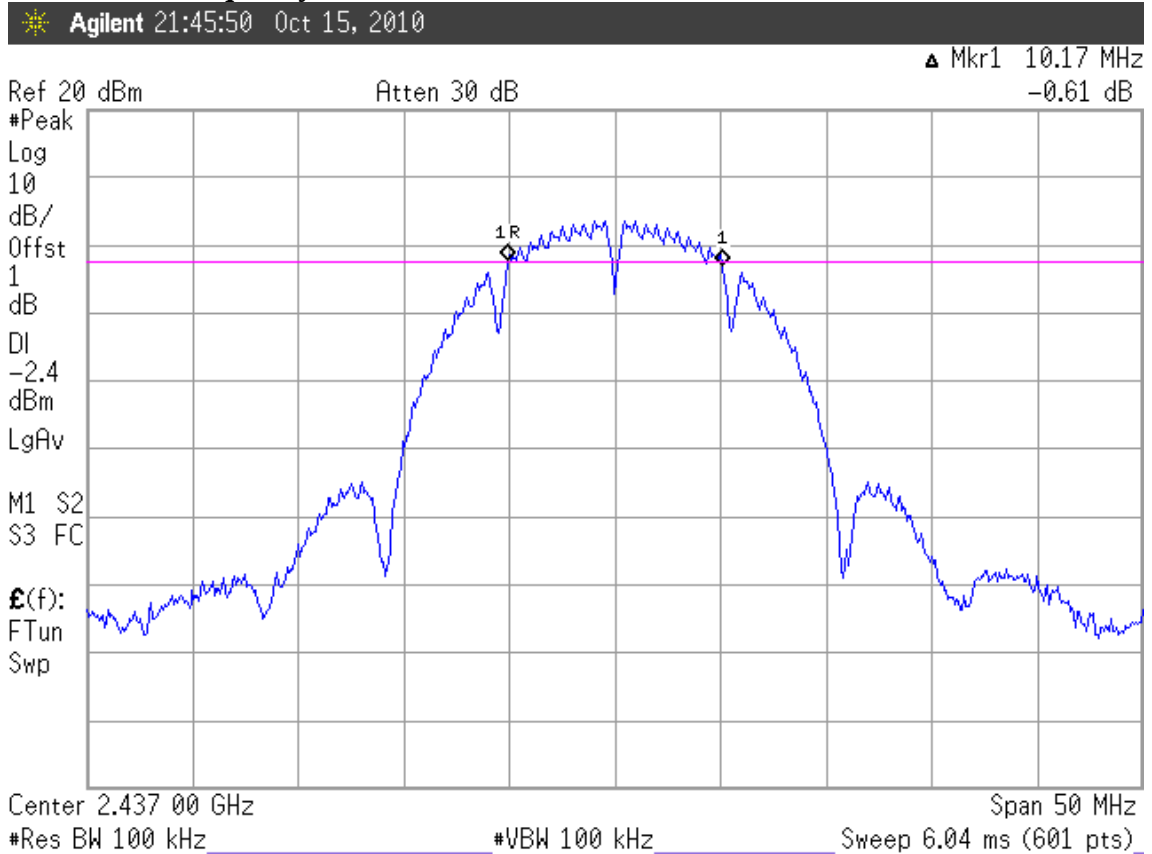
Mode	Type of Network	Channel	Frequency	6dB Bandwidth
1.	802.11b	CH 1	2412MHz	10.25MHz
2.		CH 6	2437MHz	10.17MHz
3.		CH 11	2462MHz	10.25MHz
4.	802.11g	CH 1	2412MHz	16.67MHz
5.		CH 6	2437MHz	16.67MHz
6.		CH 11	2462MHz	16.67MHz
7.	802.11n-HT20	CH 1	2412MHz	17.83MHz
8.		CH 6	2437MHz	17.83MHz
9.		CH 11	2462MHz	17.83MHz
10.	802.11n-HT40	CH 3	2422MHz	36.53MHz
11.		CH 6	2437MHz	36.53MHz
12.		CH 9	2452MHz	36.53MHz

[Limit: least 500kHz]

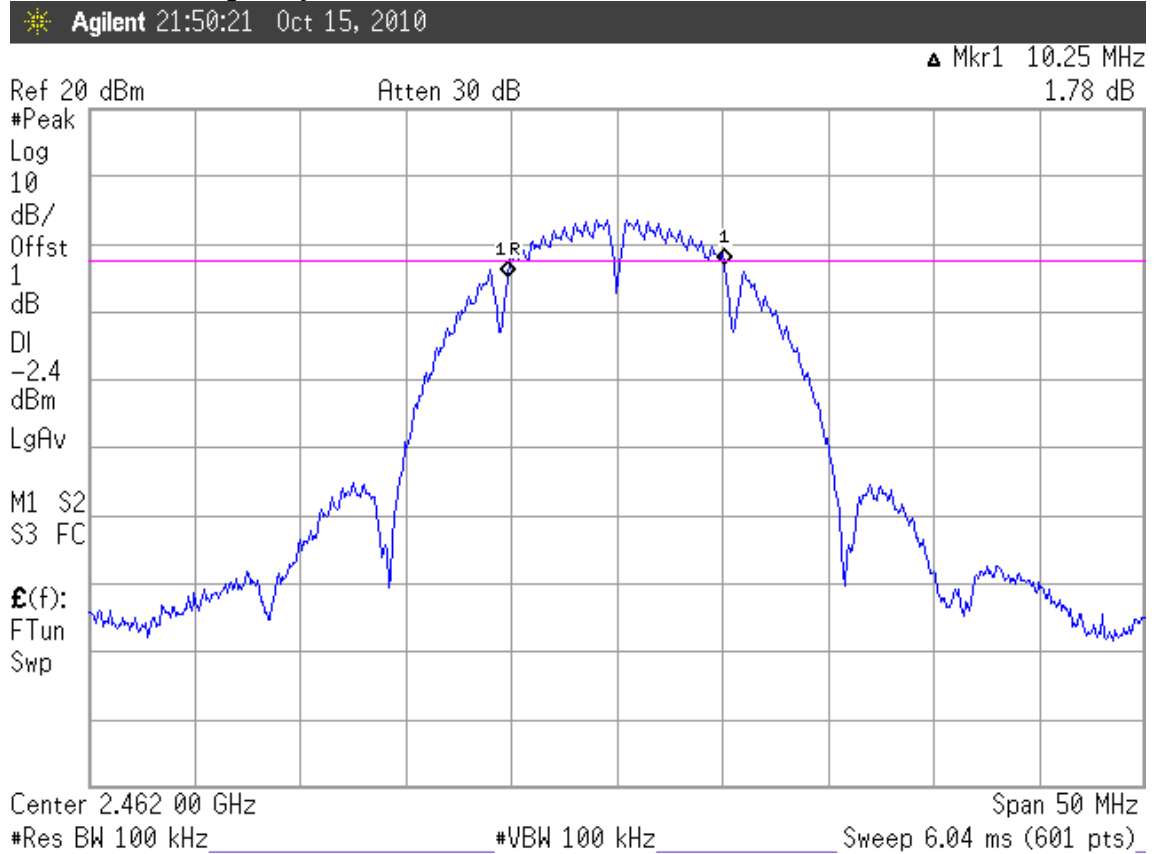
802.11b, Frequency: 2412MHz



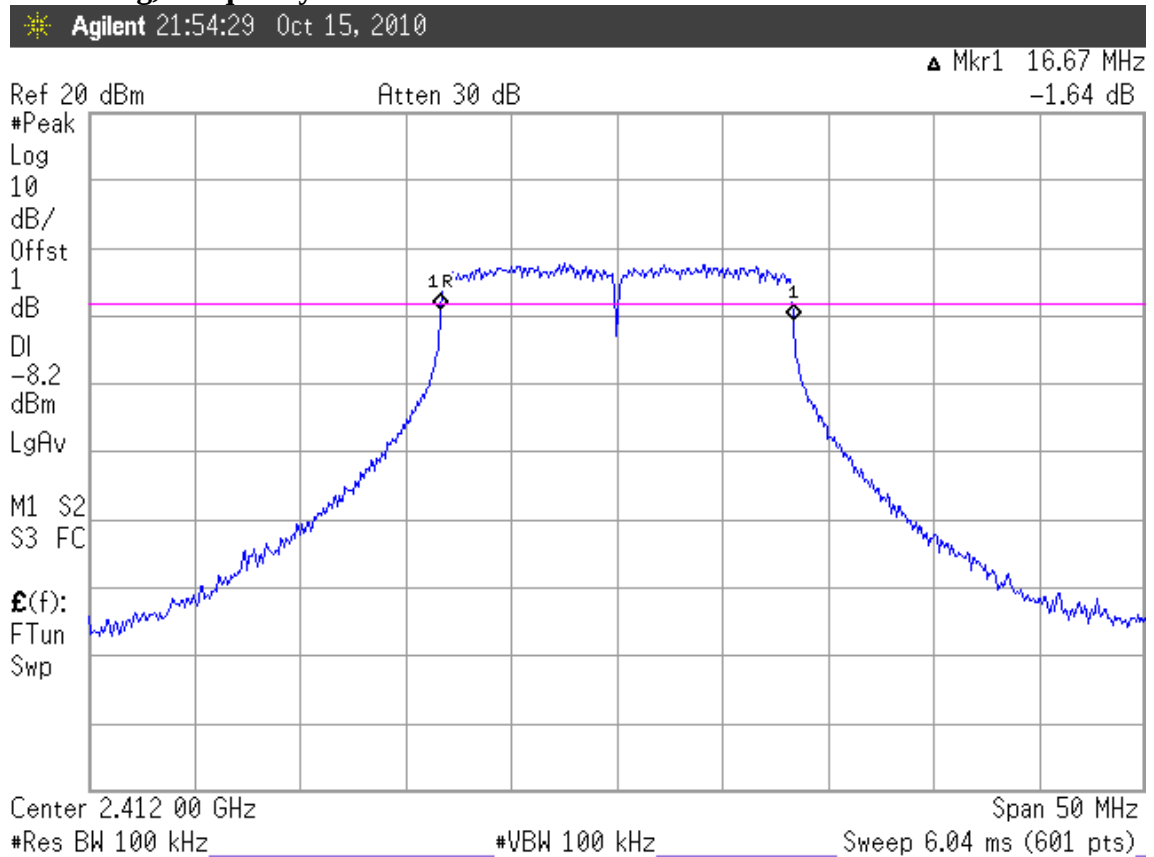
802.11b, Frequency: 2437MHz

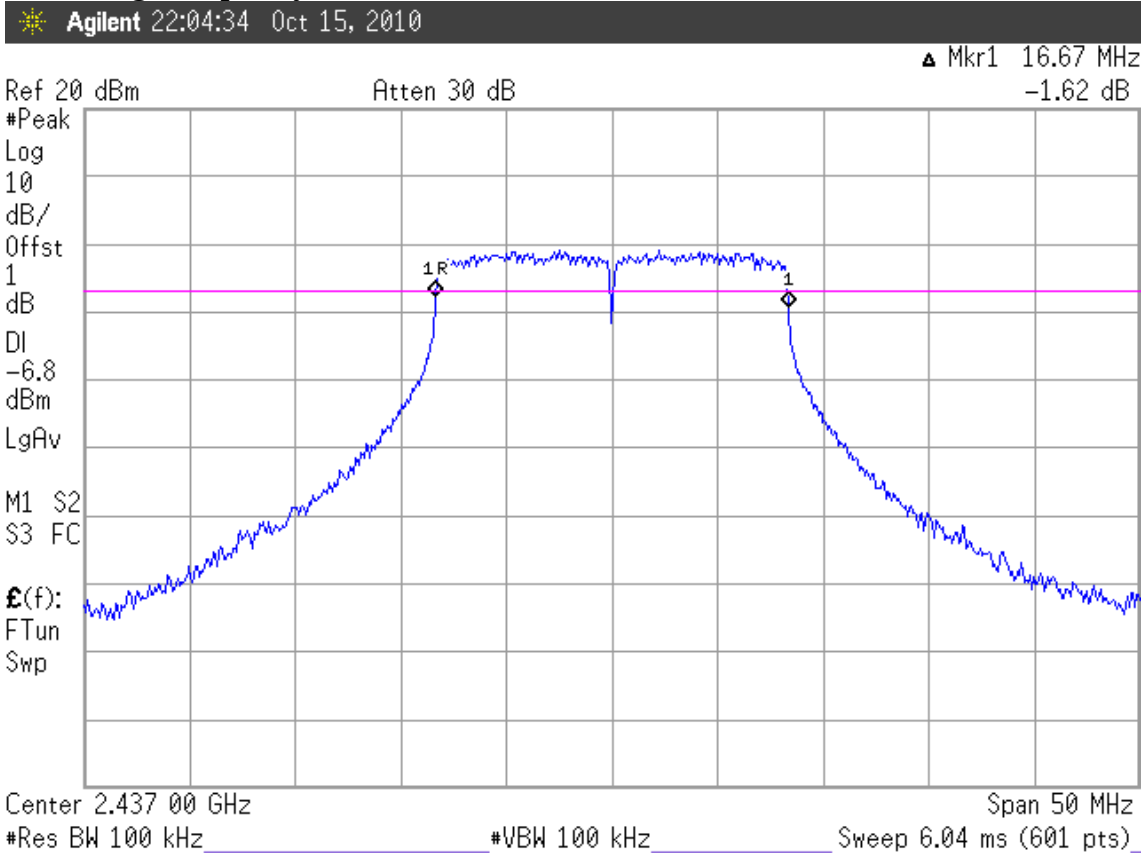
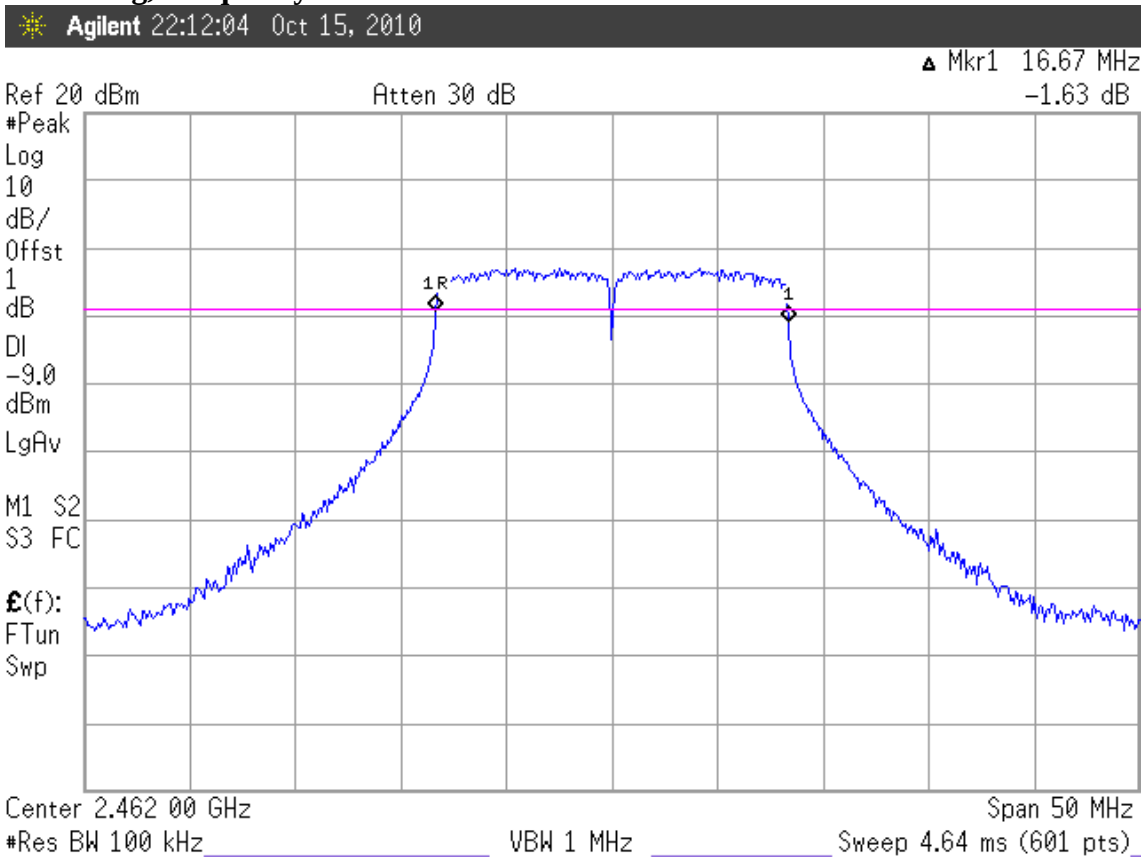


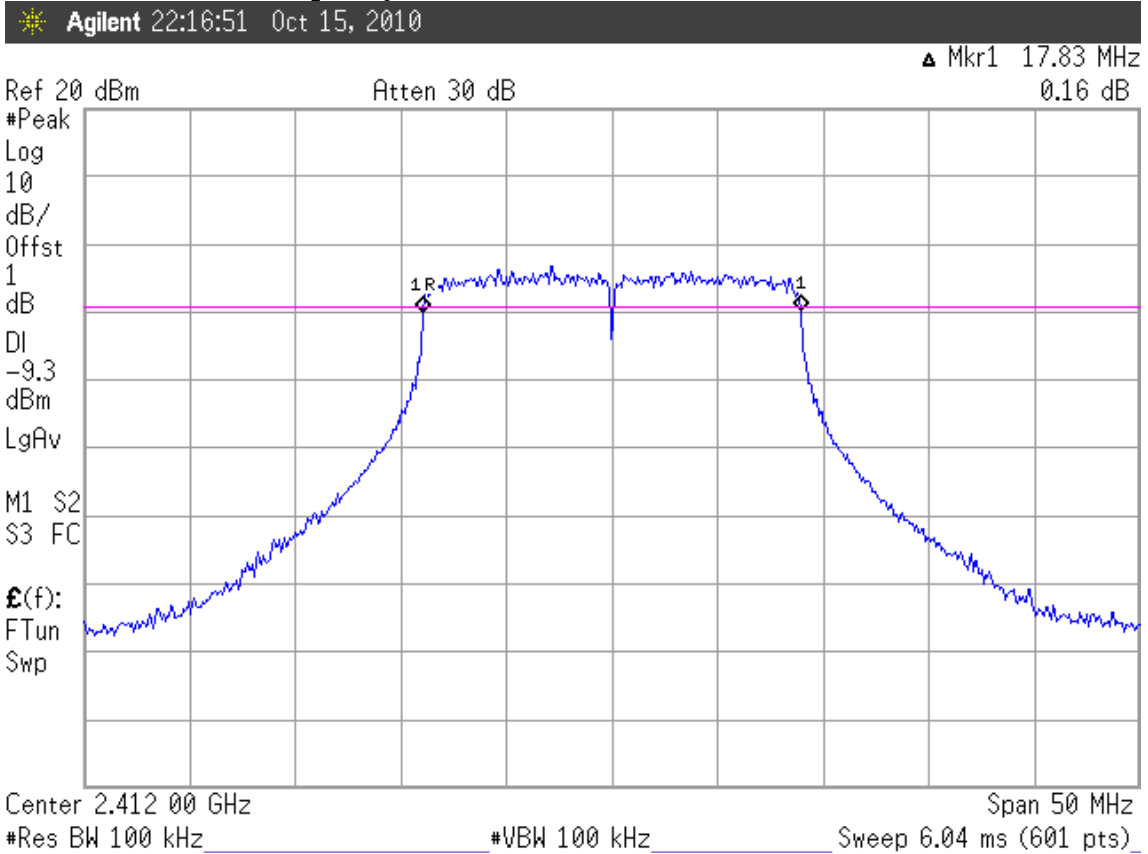
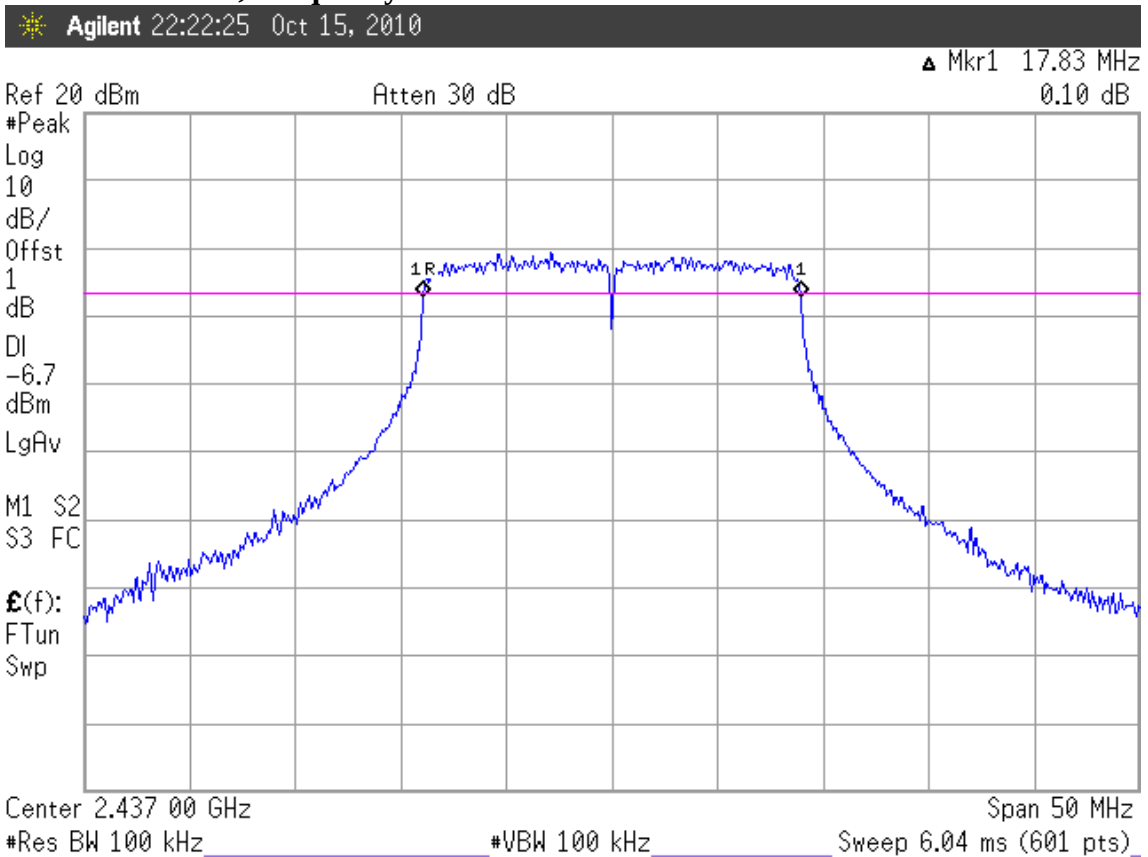
802.11b, Frequency: 2462MHz



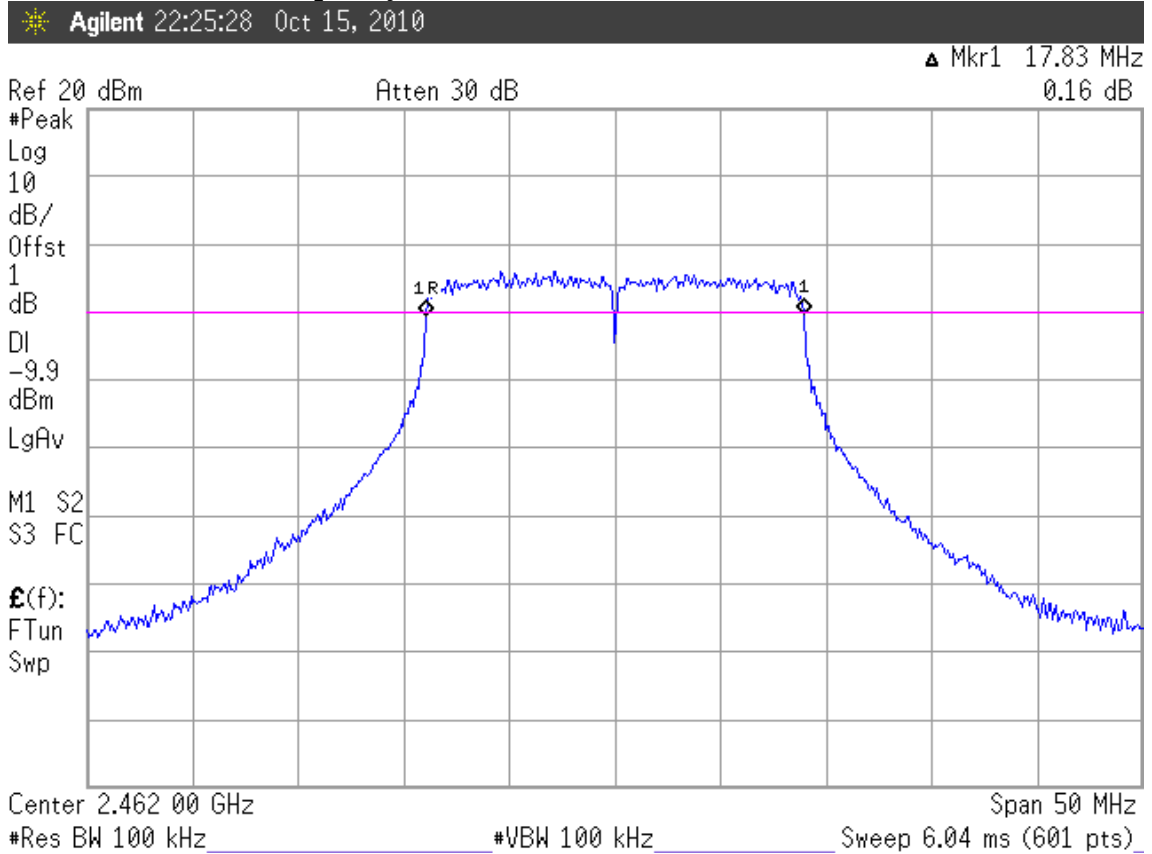
802.11g, Frequency: 2412MHz



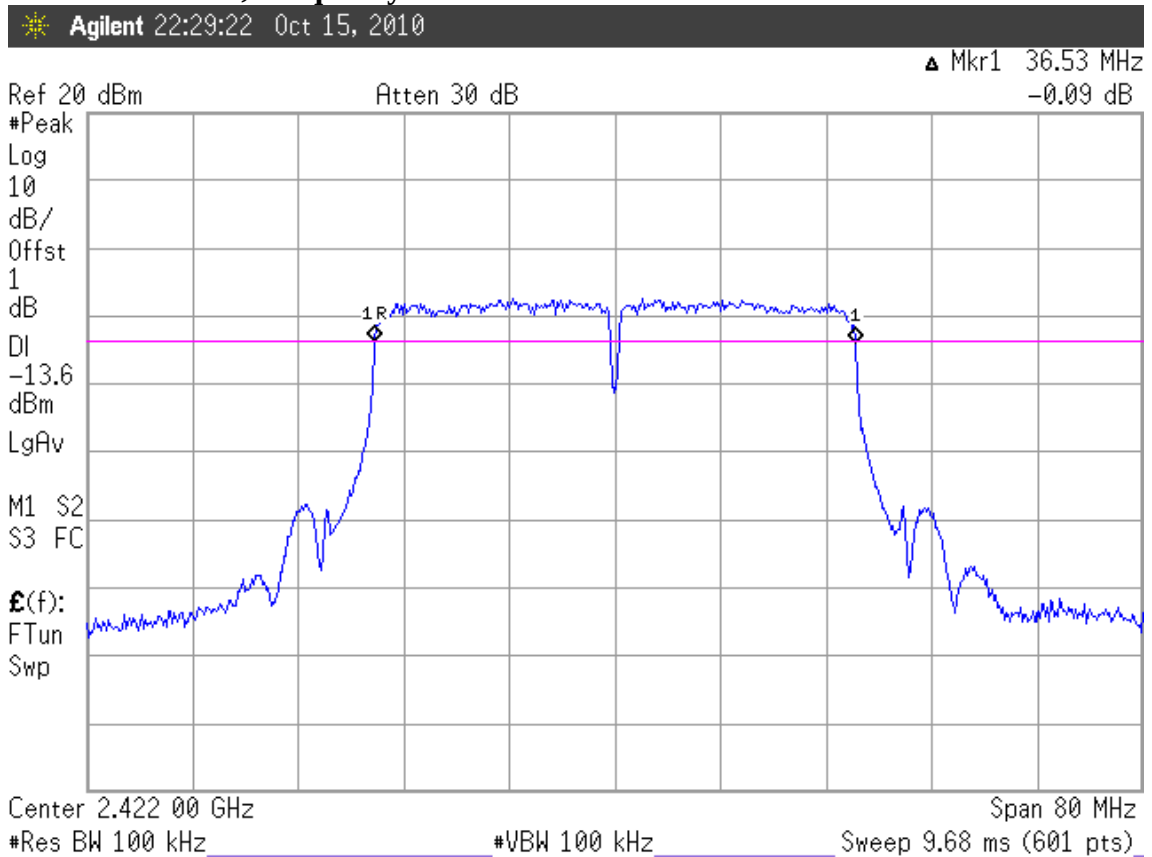
802.11g, Frequency: 2437MHz**802.11g, Frequency: 2462MHz**

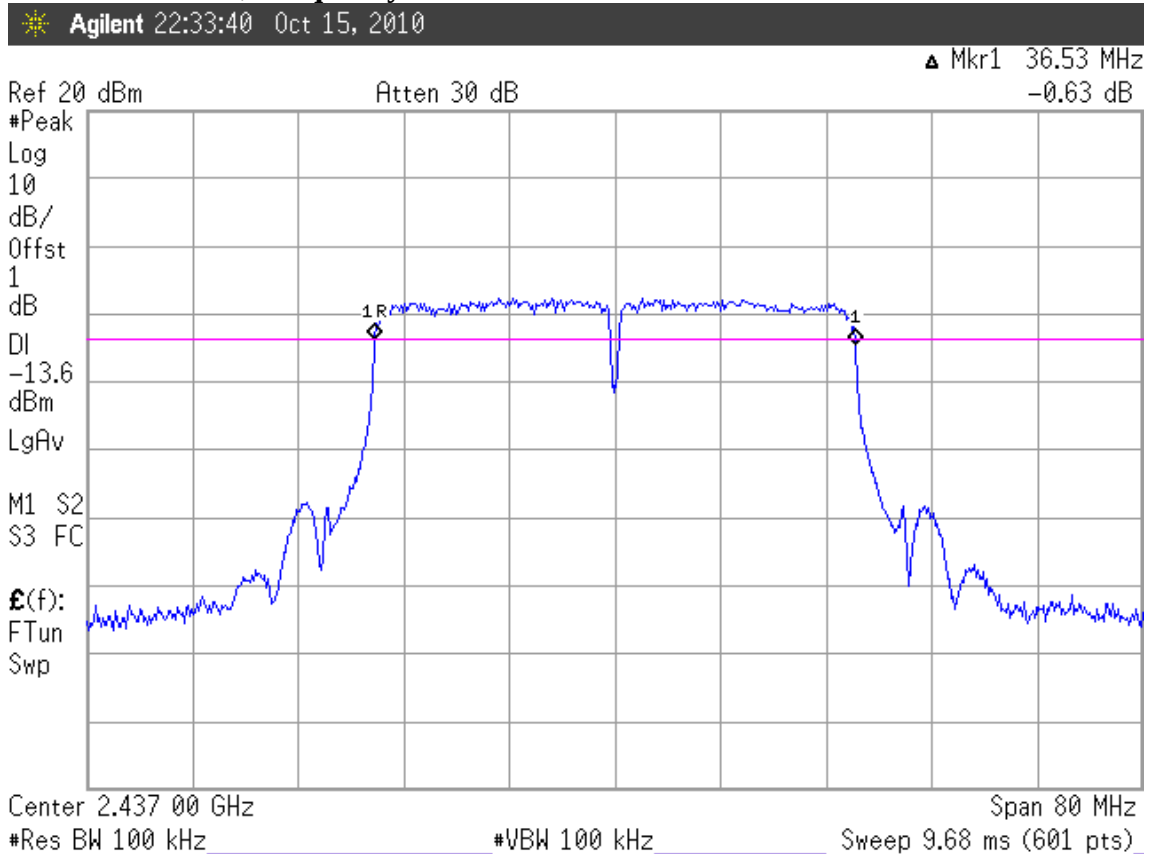
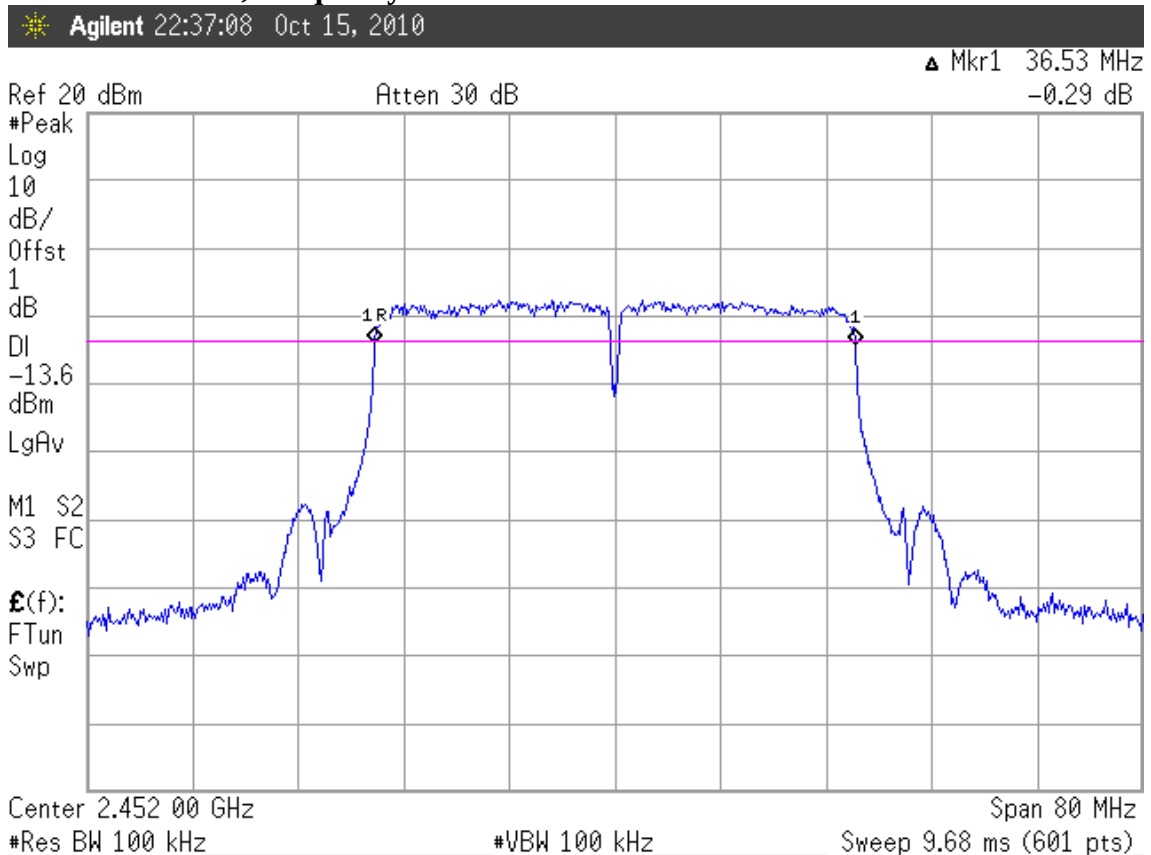
802.11n-HT20, Frequency: 2412MHz**802.11n-HT20, Frequency: 2437MHz**

802.11n-HT20, Frequency: 2462MHz



802.11n-HT40, Frequency: 2422MHz



802.11n-HT40, Frequency: 2437MHz**802.11n-HT40, Frequency: 2452MHz**

5. MAXIMUM PEAK OUTPUT POWER MEASUREMENT

5.1. Test Equipment

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

5.1.1. For 802.11b/802.11g/802.11n-HT20

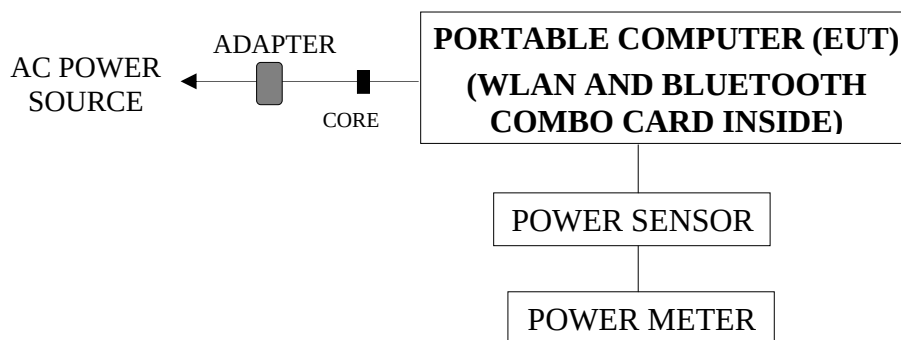
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Power Meter	Anritsu	ML2487A	6K00005406	Feb. 11, 10'	Feb. 10, 11'
2.	Power Sensor	Anritsu	MA2491A	030873	Feb. 11, 10'	Feb. 10, 11'

5.1.2. For 802.11n-HT40

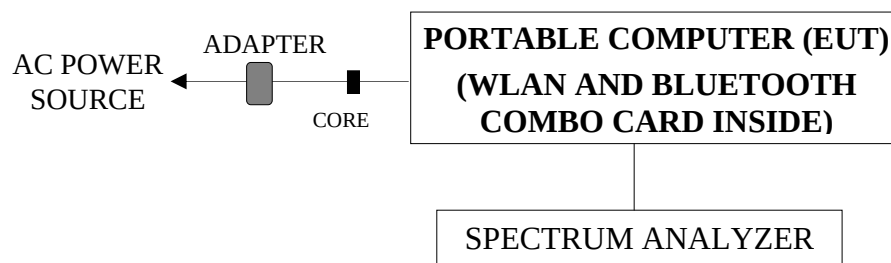
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E4446A	US44300366	Aug. 04, 10'	Aug. 03, 11'

5.2. Block Diagram of Test Setup

5.2.1. For 802.11b/802.11g/802.11n-HT20



5.2.2. For 802.11n-HT40



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

The test program “Realtek 11n single chip 92C PCIE WLAN MP Diagnostic Program 0.0015.0524.2010” was used to enable the EUT to transmit data at different channel frequency individually.

5.5. Test Procedure

5.5.1. For 802.11b/802.11g/802.11n-HT20

The EUT connected to power meter and sensor and record the peak value..

5.5.2. For 802.11n-HT40

Setting the spectrum span to encompass the EBW, RBW=1MHz and VBW=3MHz. Compute power by integrating the spectrum across the 26 dB EBW of the signal.

The measurement guideline was according to KDB 558074.

5.6. Test Results

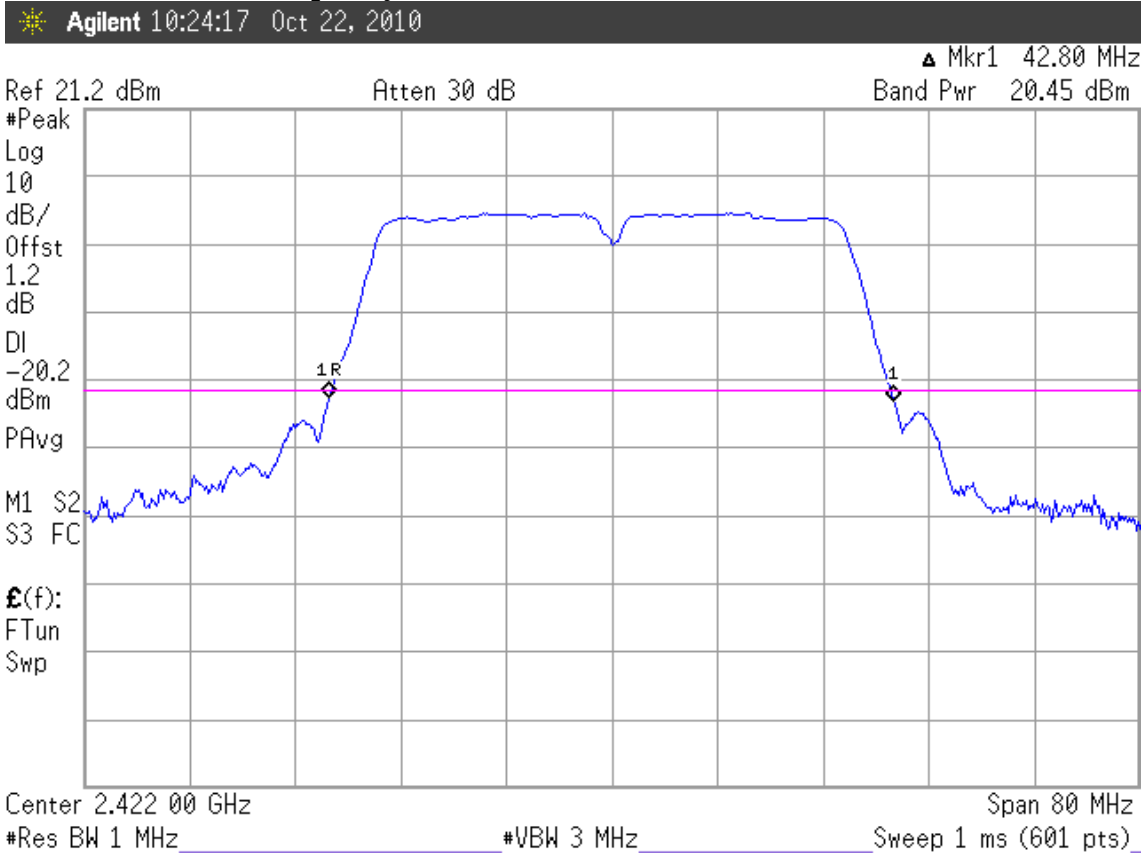
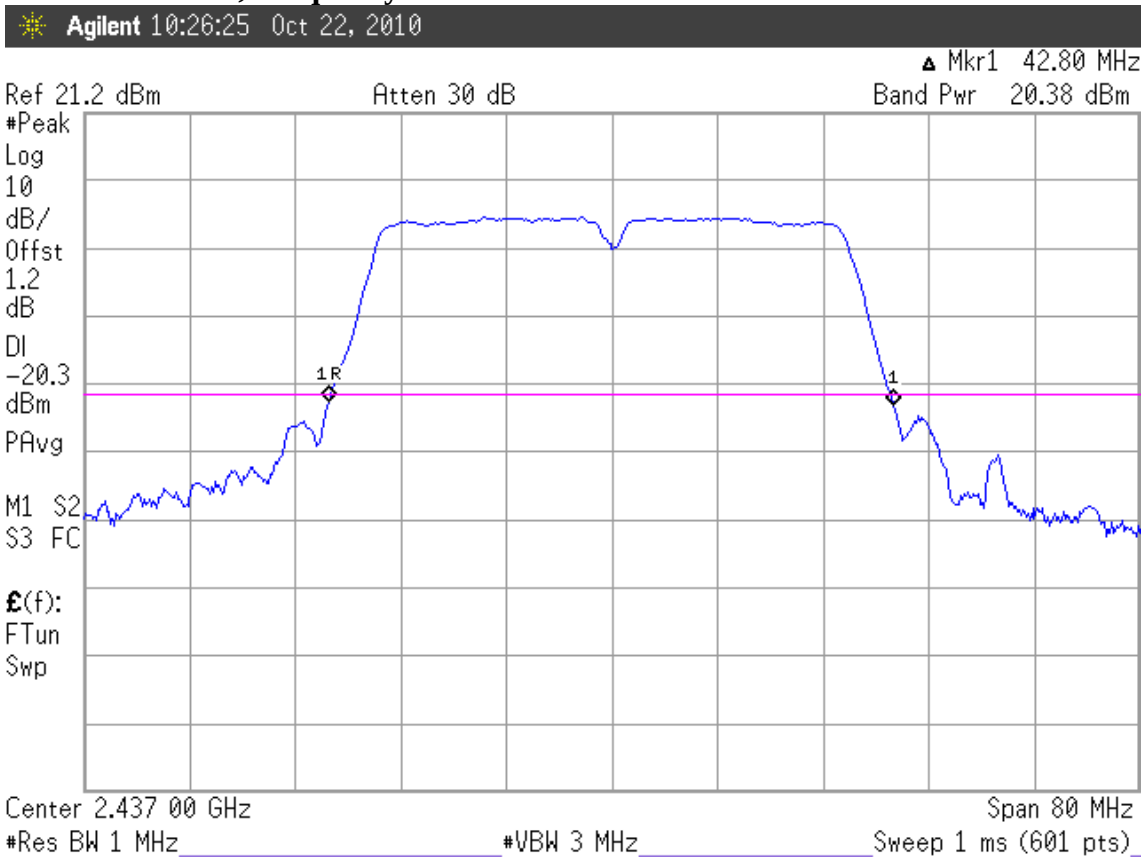
PASSED. All the test results are listed below.

(Test Date : Oct. 13, 2010 Temperature : 26°C Humidity : 53%)

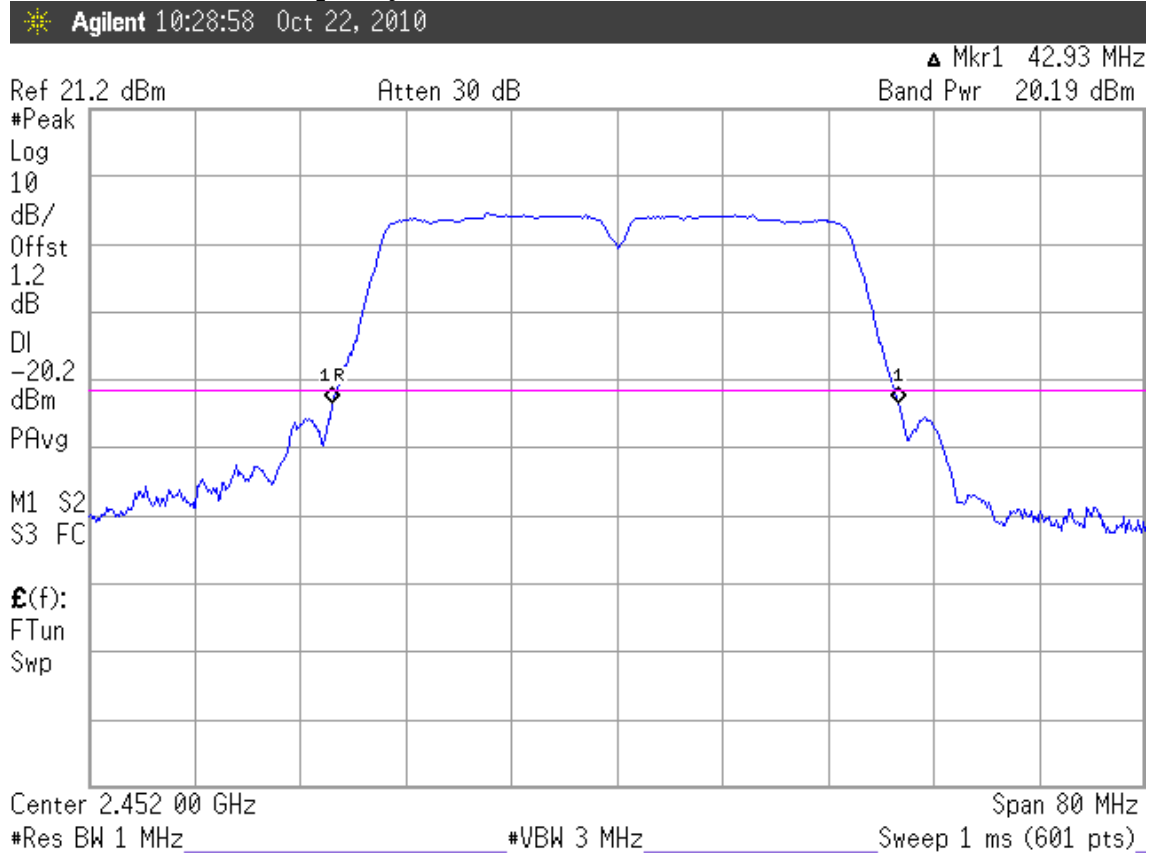
(Test Date : Oct. 22, 2010 Temperature : 26°C Humidity : 54%)

Mode	Type of Network	Channel	Frequency	Peak Output Power (dBm)
1.	802.11b	CH 1	2412MHz	17.60dBm
2.		CH 6	2437MHz	17.33dBm
3.		CH 11	2462MHz	17.26dBm
4.	802.11g	CH 1	2412MHz	22.07dBm
5.		CH 6	2437MHz	23.15dBm
6.		CH 11	2462MHz	21.79dBm
7.	802.11n-HT20	CH 1	2412MHz	20.51dBm
8.		CH 6	2437MHz	22.87dBm
9.		CH 11	2462MHz	22.57dBm
10.	802.11n-HT40	CH 3	2422MHz	20.45dBm
11.		CH 6	2437MHz	20.38dBm
12.		CH 9	2452MHz	20.19dBm

[Limit: 1Watt. (30dBm)]

802.11n-HT40, Frequency: 2422MHz**802.11n-HT40, Frequency: 2437MHz**

802.11n-HT40, Frequency: 2452MHz



6. EMISSION LIMITATIONS MEASUREMENT

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 Analyzer	Agilent	E4446A	US44300366	Aug. 04, 10'	Aug. 03, 11'

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

The test program “Realtek 11n single chip 92C PCIE WLAN MP Diagnostic Program 0.0015.0524.2010” was used to enable the EUT to transmit data at different channel frequency individually.

6.5. 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 measurement guideline was according to KDB 558074.

6.6. Test Results

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

(Test Date : Oct. 28, 2010 Temperature : 24°C Humidity : 58%)

802.11b

2412MHz: During 30MHz~25GHz bandwidth. In the 280MHz, the -52.78dBm is max value that is lower than 20dB of primary channel.

2437MHz: During 30MHz~25GHz bandwidth. In the 280MHz, the -54.23dBm is max value that is lower than 20dB of primary channel.

2462MHz: During 30MHz~25GHz bandwidth. In the 280MHz, the -56.23dBm is max value that is lower than 20dB of primary channel.

802.11g

2412MHz: During 30MHz~25GHz bandwidth. In the 280MHz, the -55.87dBm is max value that is lower than 20dB of primary channel.

2437MHz: During 30MHz~25GHz bandwidth. In the 280MHz, the -55.49dBm is max value that is lower than 20dB of primary channel.

2462MHz: During 30MHz~25GHz bandwidth. In the 320MHz, the -55.48dBm is max value that is lower than 20dB of primary channel.

802.11n-HT20

2412MHz: During 30MHz~25GHz bandwidth. In the 280MHz, the -52.72dBm is max value that is lower than 20dB of primary channel.

2437MHz: During 30MHz~25GHz bandwidth. In the 280MHz, the -56.19dBm is max value that is lower than 20dB of primary channel.

2462MHz: During 30MHz~25GHz bandwidth. In the 320MHz, the -55.95dBm is max value that is lower than 20dB of primary channel.

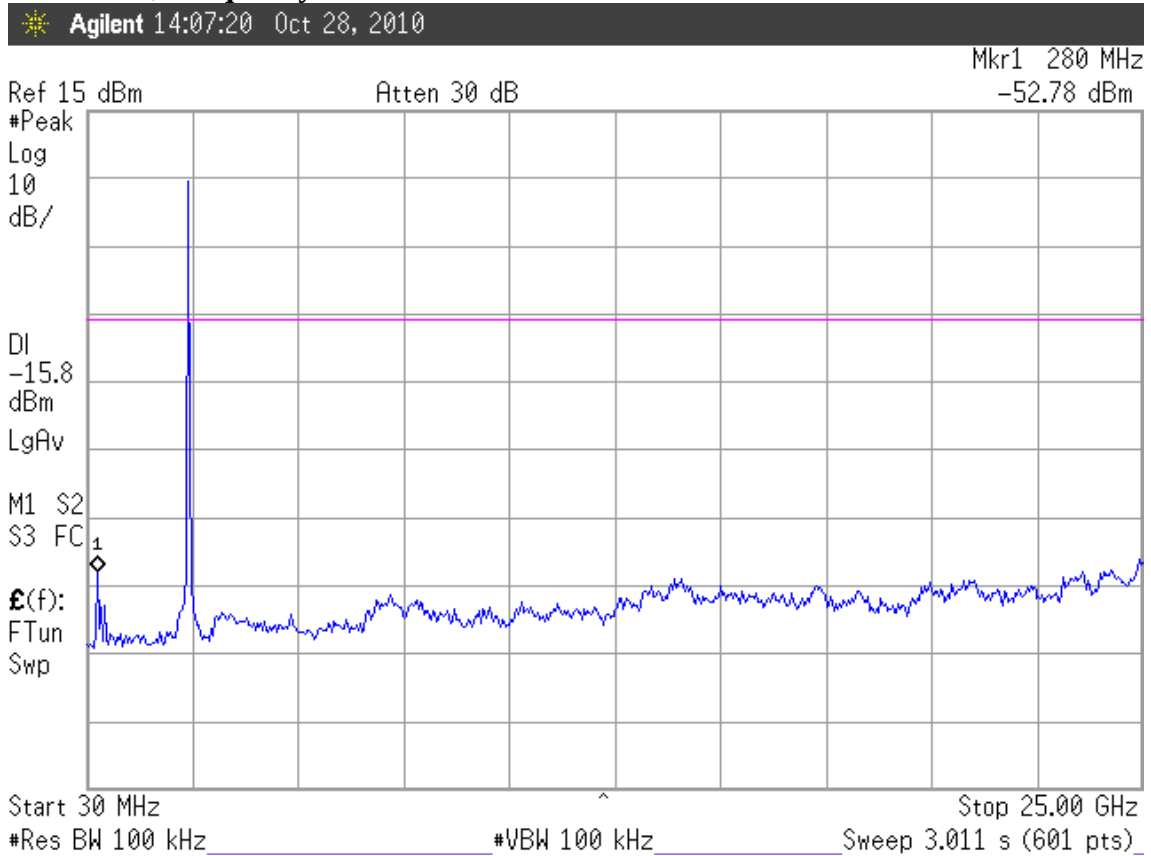
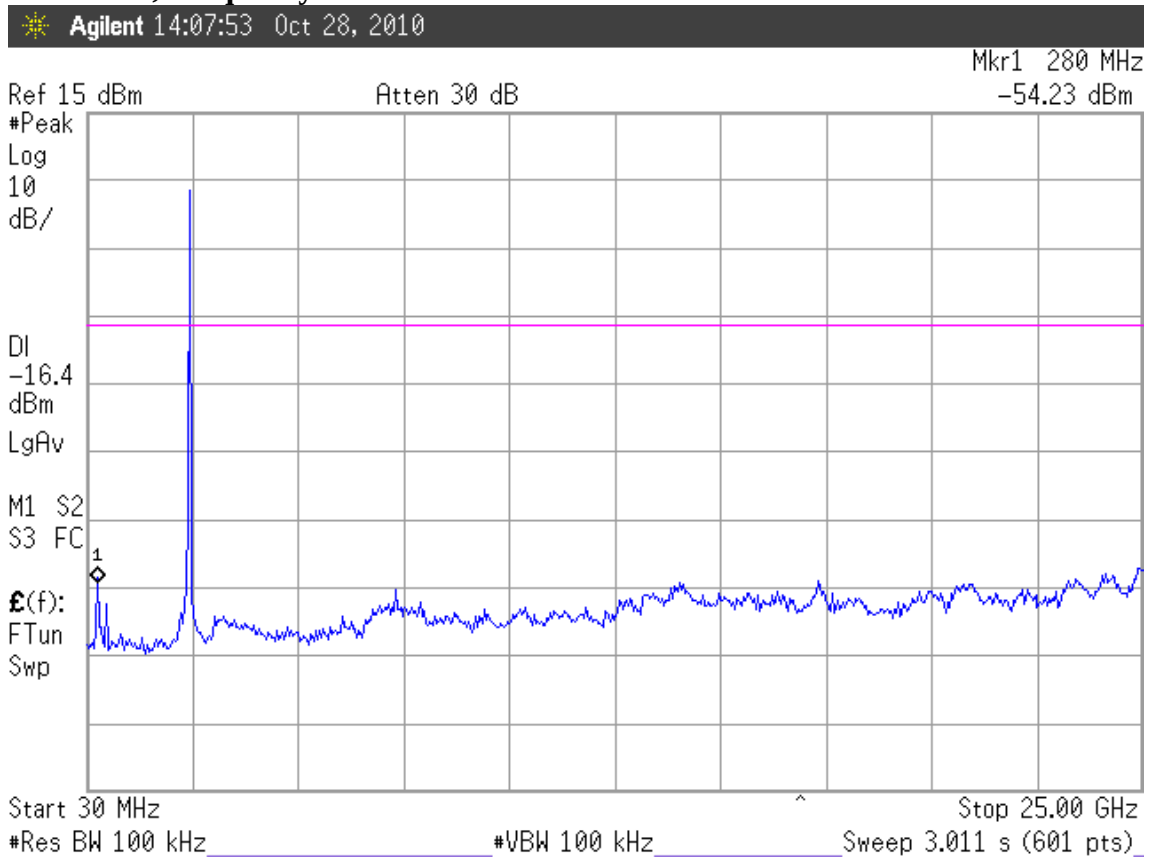
802.11n-HT40

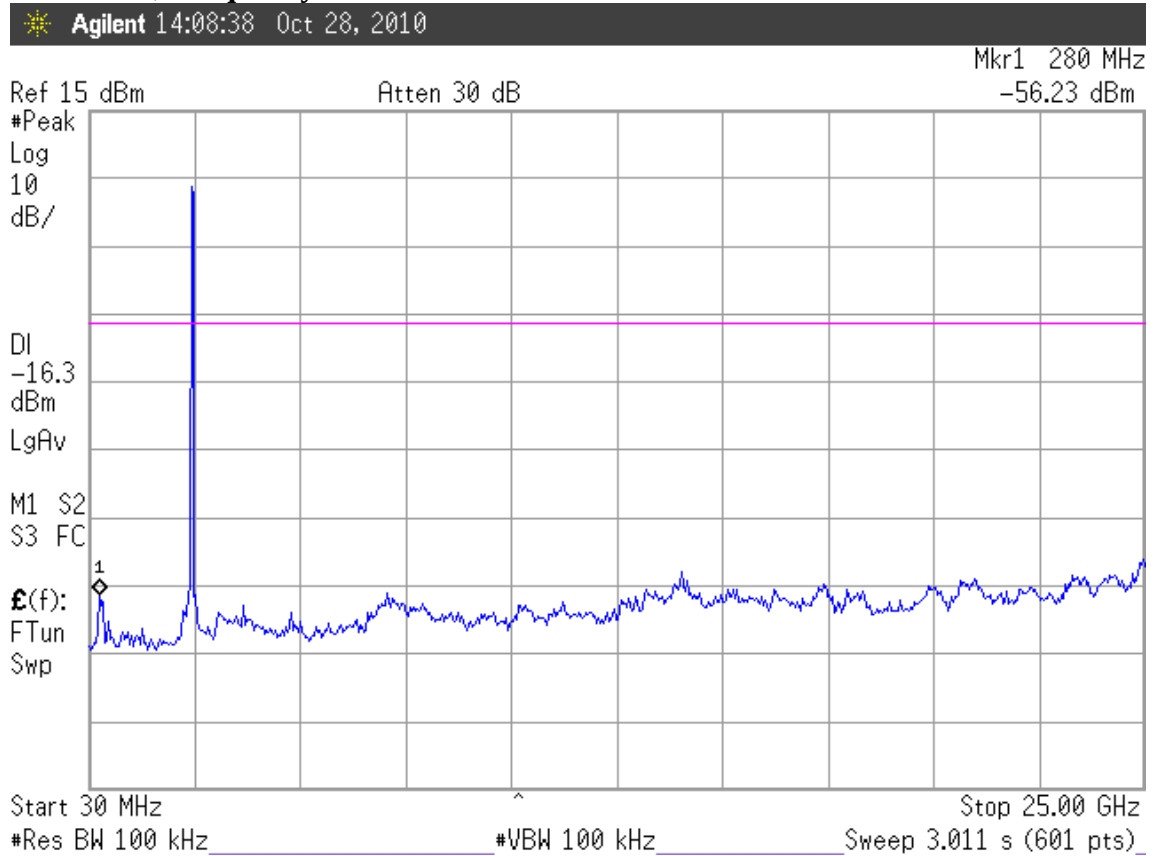
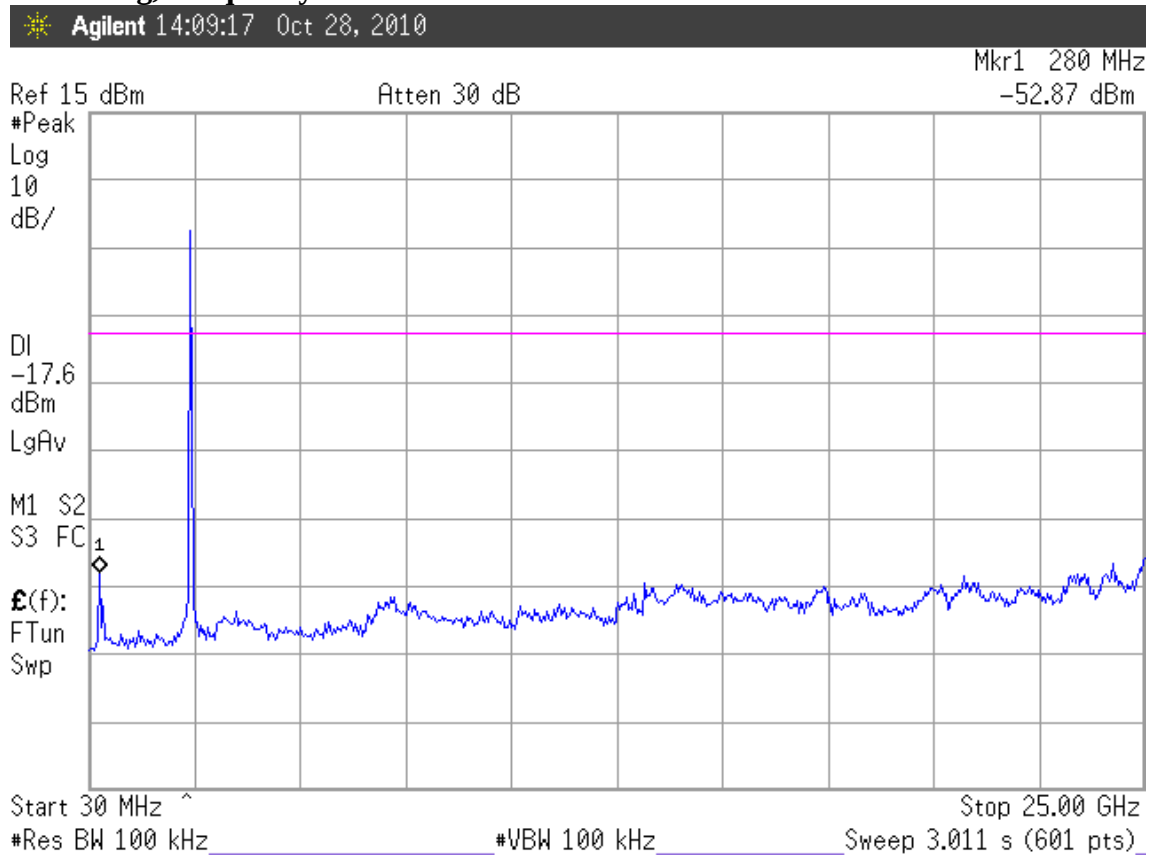
2422MHz: During 30MHz~25GHz bandwidth. In the 320MHz, the -52.94dBm is max value that is lower than 20dB of primary channel.

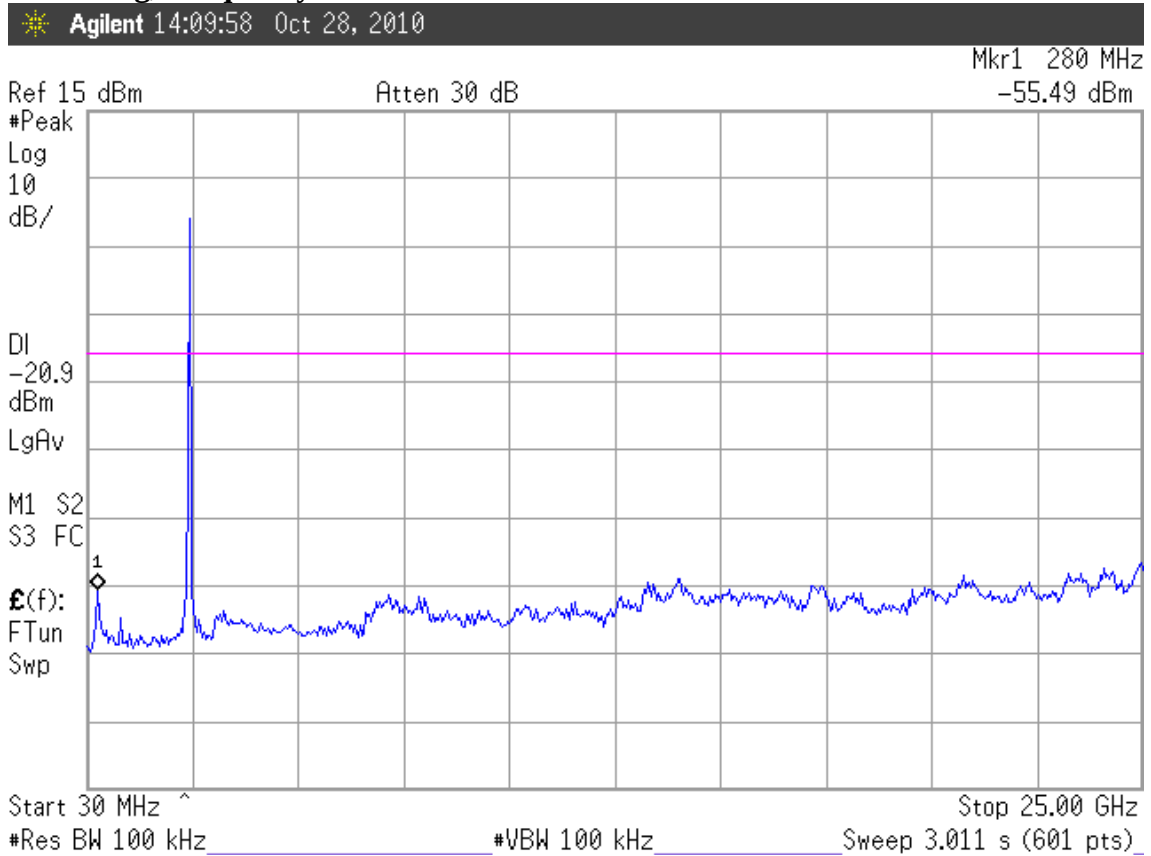
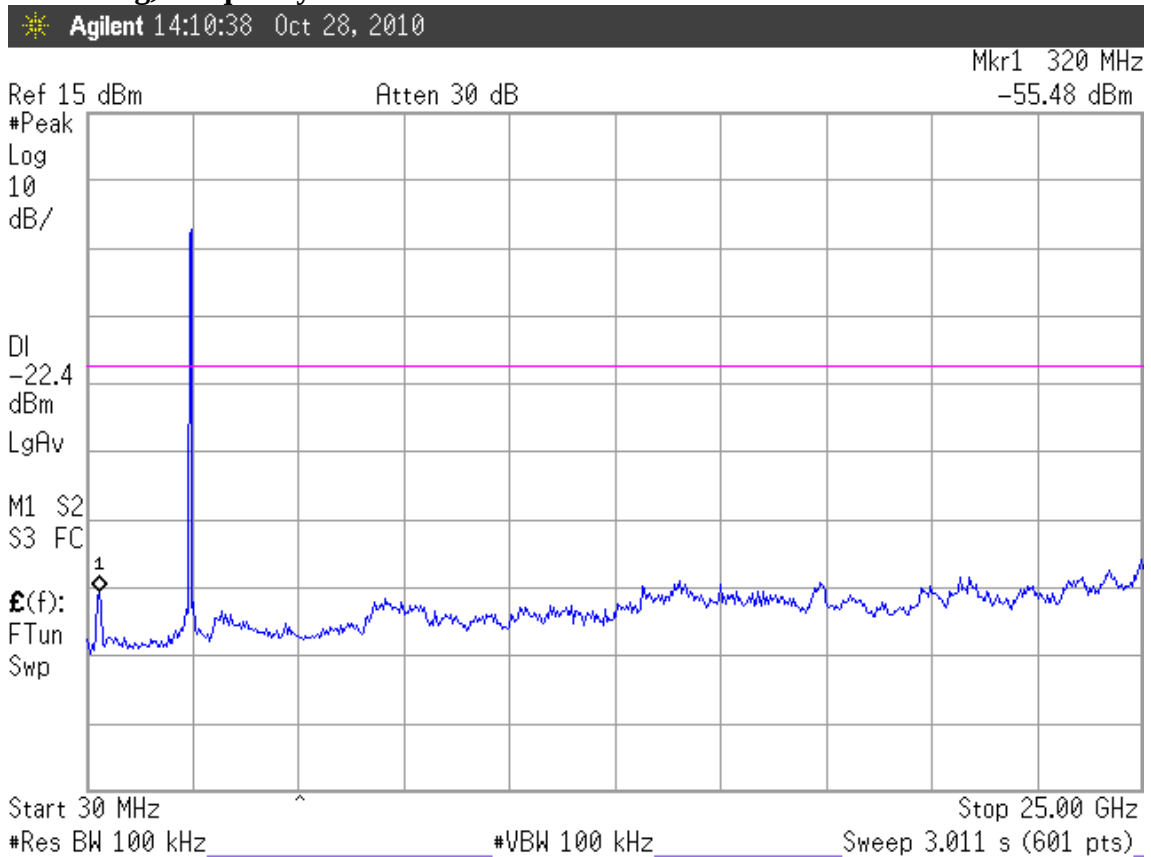
2437MHz: During 30MHz~25GHz bandwidth. In the 320MHz, the -54.09dBm is max value that is lower than 20dB of primary channel.

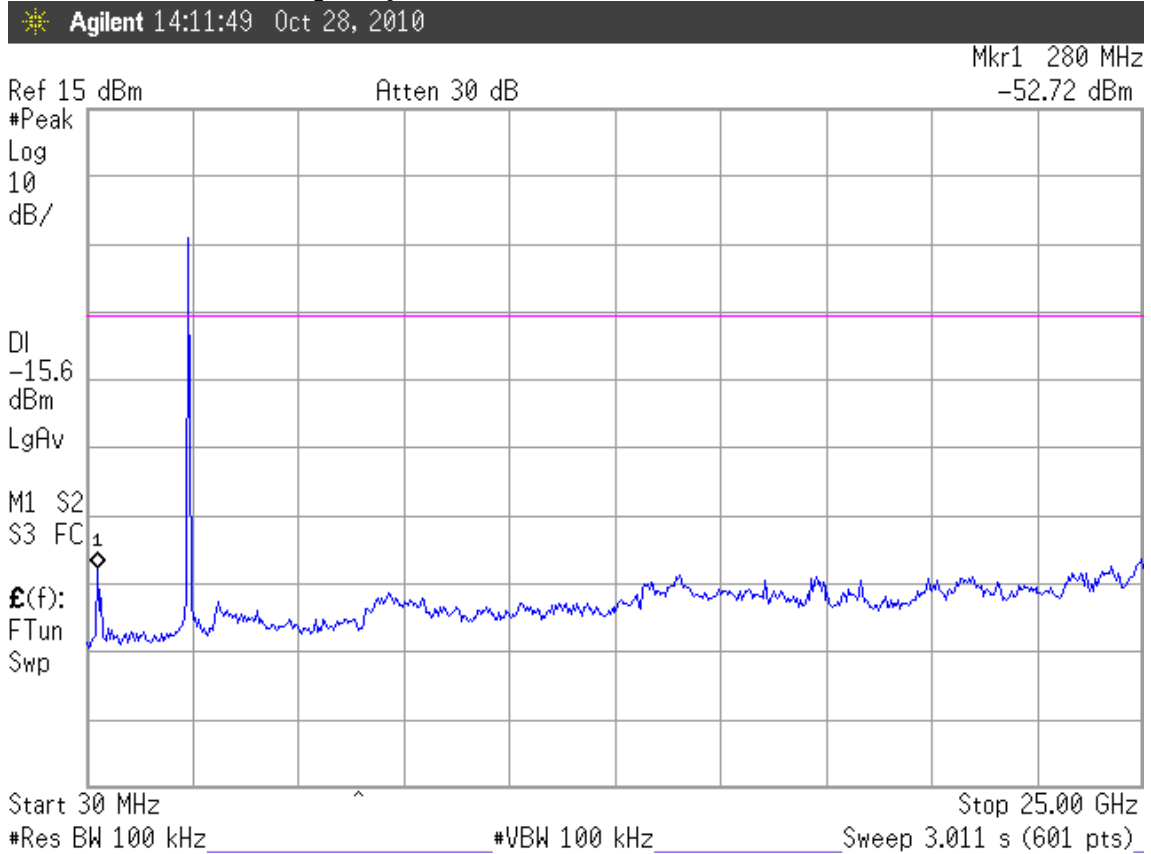
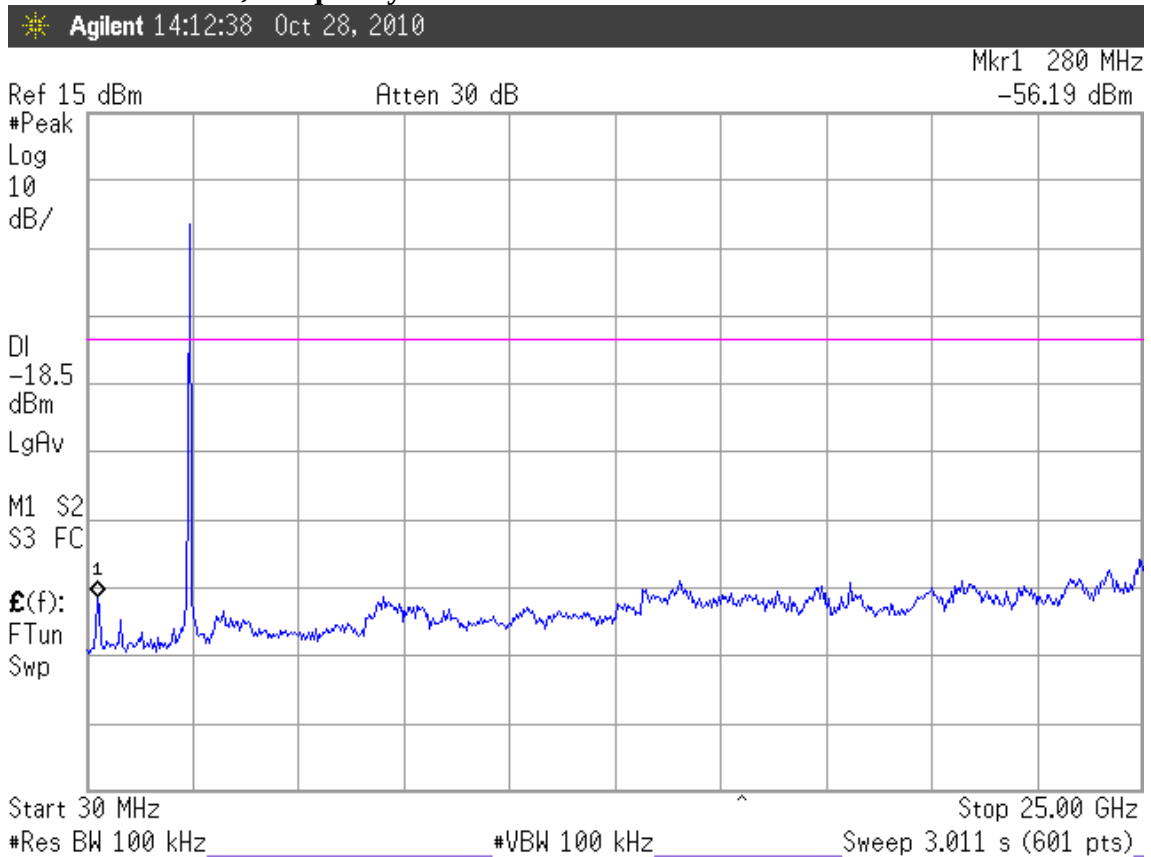
2452MHz: During 30MHz~25GHz bandwidth. In the 320MHz, the -51.75dBm is max value that is lower than 20dB of primary channel.

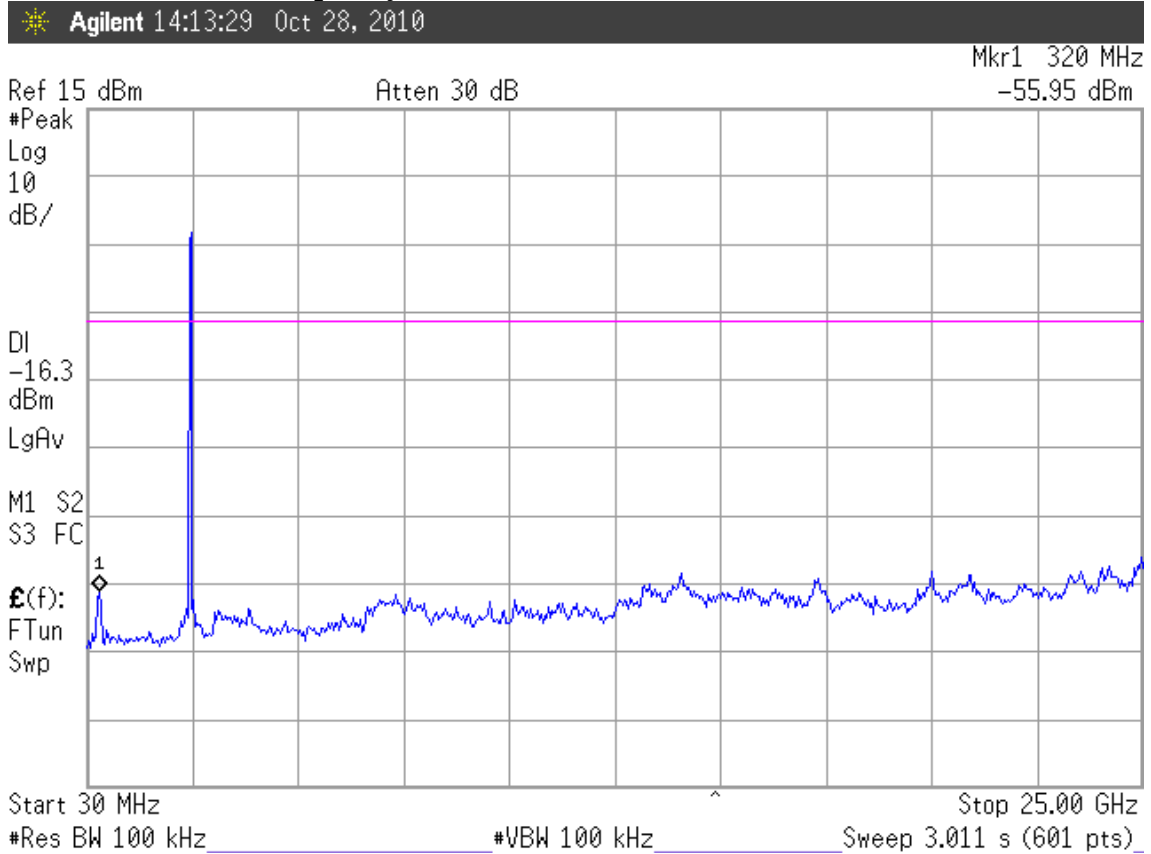
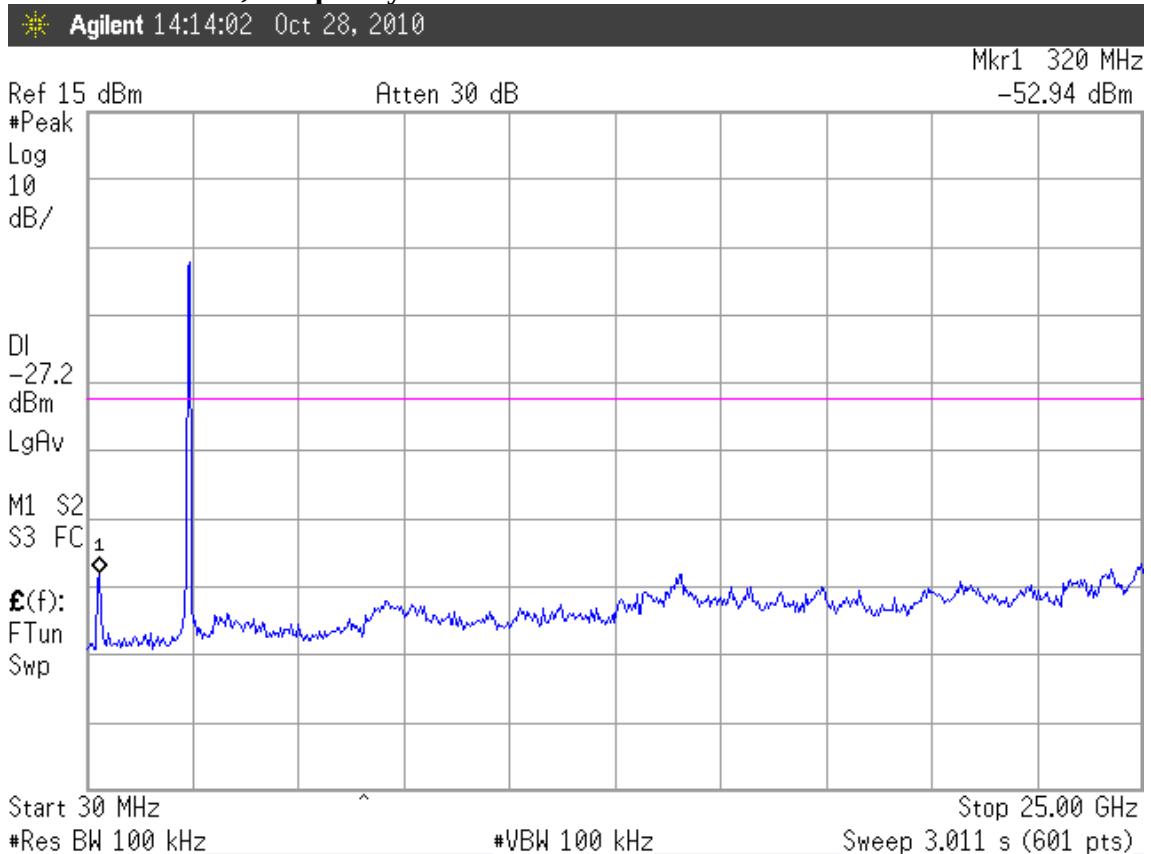
Note: The peak above the limit line is the carrier frequency.

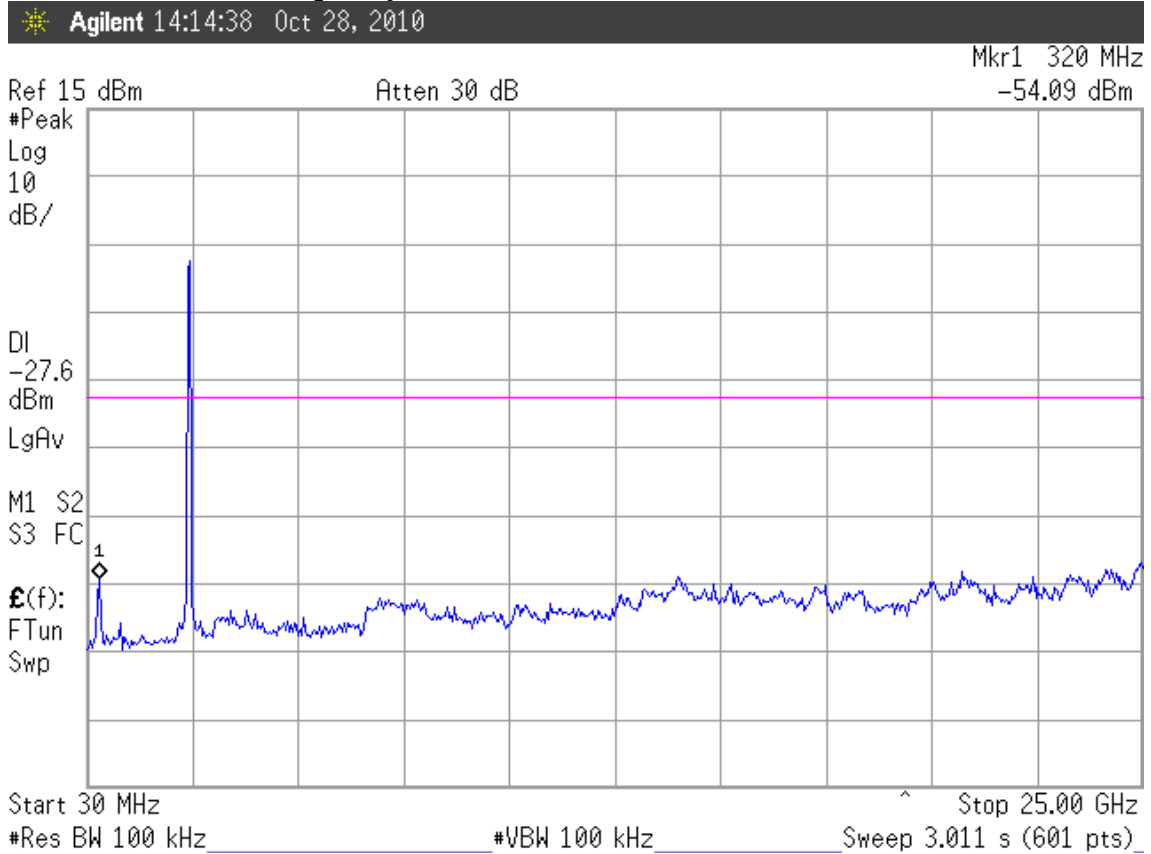
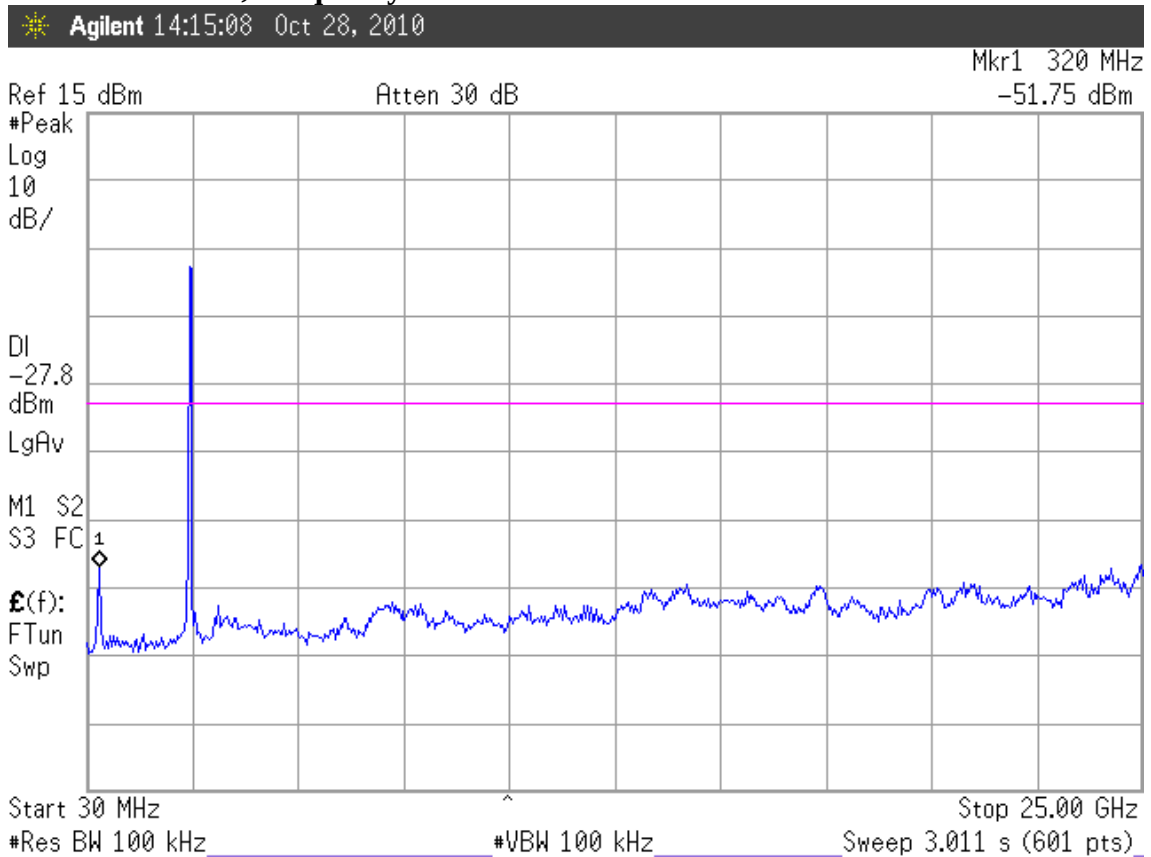
802.11b, Frequency: 2412MHz**802.11b, Frequency: 2437MHz**

802.11b, Frequency: 2462MHz**802.11g, Frequency: 2412MHz**

802.11g, Frequency: 2437MHz**802.11g, Frequency: 2462MHz**

802.11n-HT20, Frequency: 2412MHz**802.11n-HT20, Frequency: 2437MHz**

802.11n-HT20, Frequency: 2462MHz**802.11n-HT40, Frequency: 2422MHz**

802.11n-HT40, Frequency: 2437MHz**802.11n-HT40, Frequency: 2452MHz**

7. BAND EDGES MEASUREMENT

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 Analyzer	Agilent	E4446A	US44300366	Aug. 04, 10'	Aug. 03, 11'

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

The test program “Realtek 11n single chip 92C PCIE WLAN MP Diagnostic Program 0.0015.0524.2010” was used to enable the EUT to transmit data at different channel frequency individually.

7.5. 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.

The measurement guideline was according to KDB 558074.

7.6. Test Results

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

(Test Date : Oct. 15, 2010 Temperature : 26°C Humidity : 53%)

802.11b

Below Band edge: The highest emission level is –35.18dBm on 2.39992GHz ◦

Upper Band edge : The highest emission level is –52.52dBm on 2.48350GHz ◦

802.11g

Below Band edge: The highest emission level is –33.84dBm on 2.39992GHz ◦

Upper Band edge : The highest emission level is –53.28dBm on 2.48350GHz ◦

802.11n-HT20

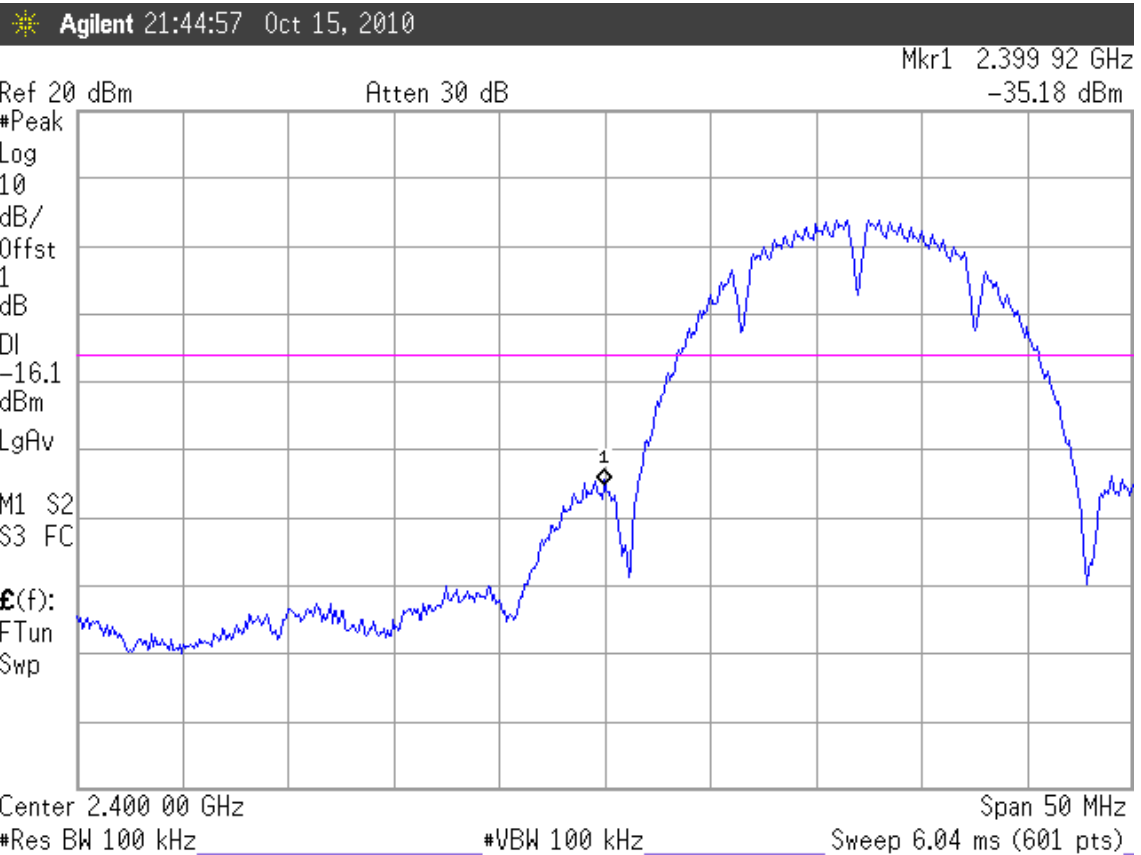
Below Band edge: The highest emission level is -34.68dBm on 2.39992GHz ◦

Upper Band edge : The highest emission level is -55.09dBm on 2.48350GHz ◦

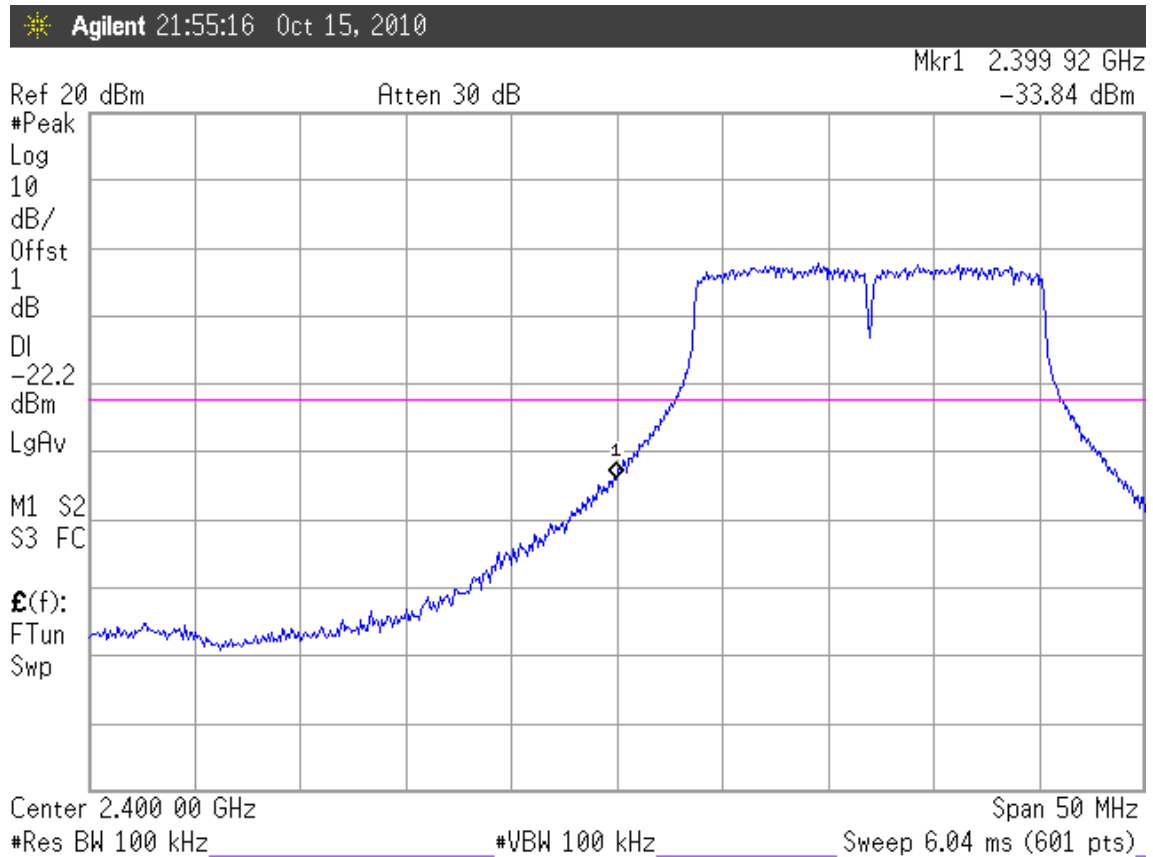
802.11n-HT40

Below Band edge: The highest emission level is -39.88dBm on 2.40000GHz ◦

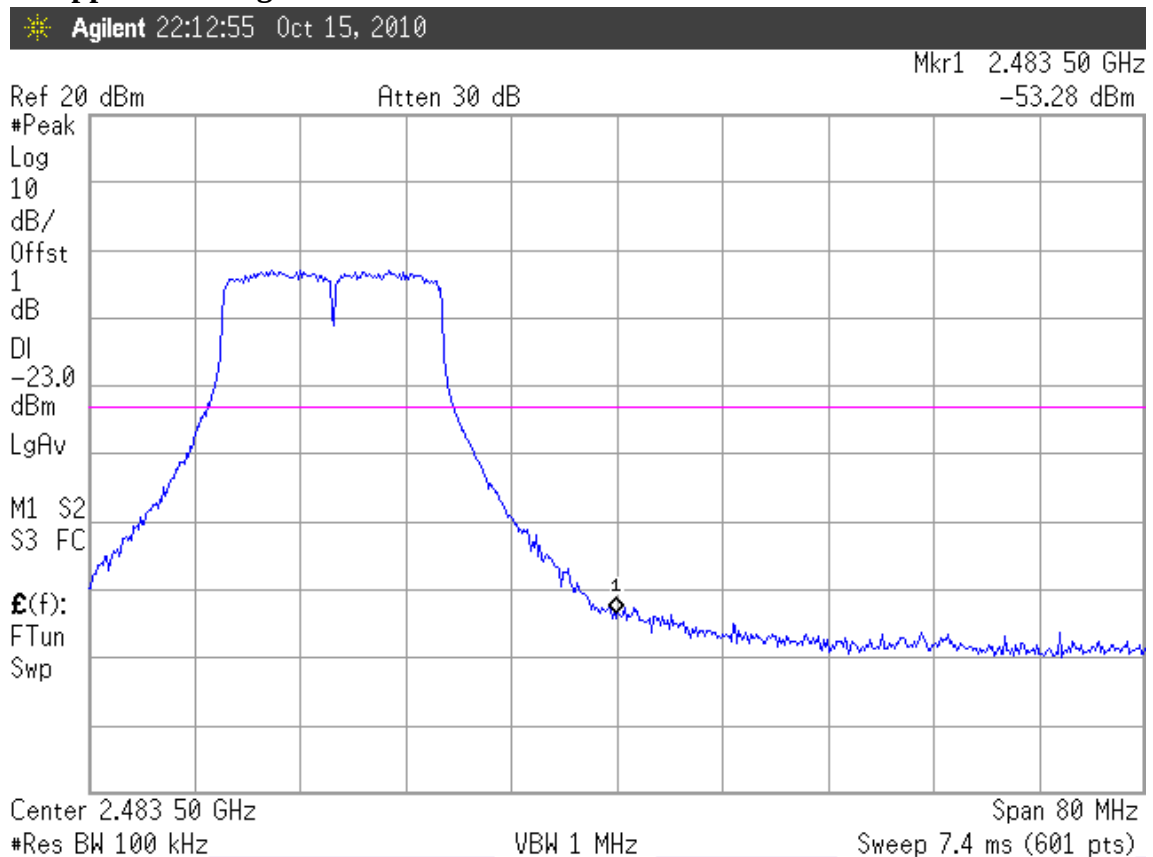
Upper Band edge : The highest emission level is -53.59dBm on 2.48350GHz ◦

802.11b**Below Band edge****Upper Band edge**

802.11g Below Band edge

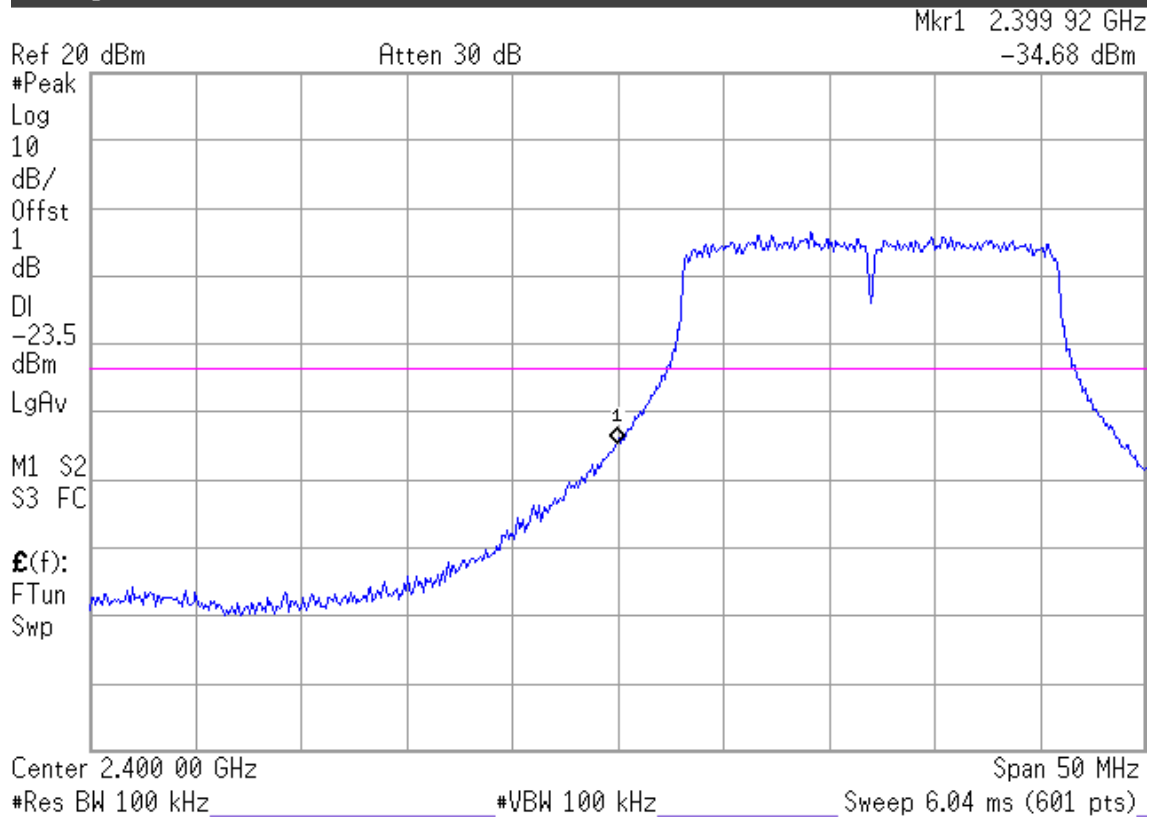


Upper Band edge



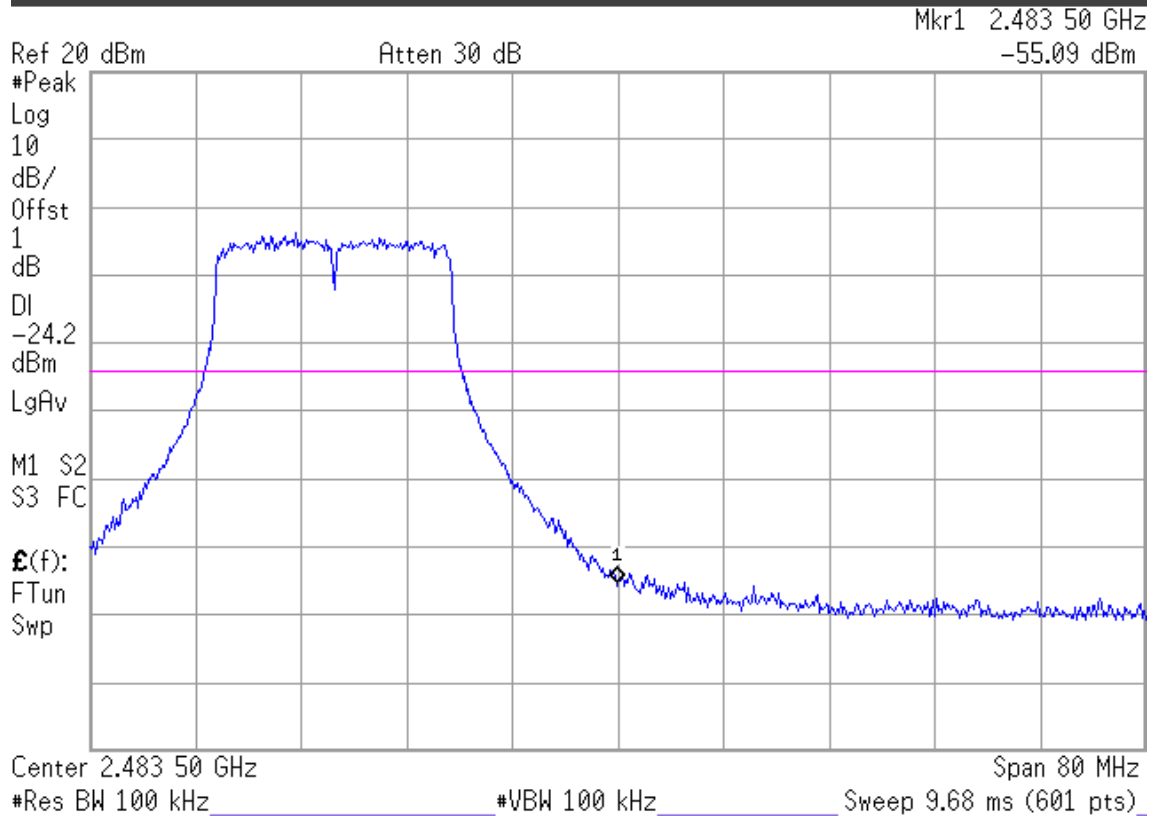
802.11n-HT20 Below Band edge

Agilent 22:18:08 Oct 15, 2010



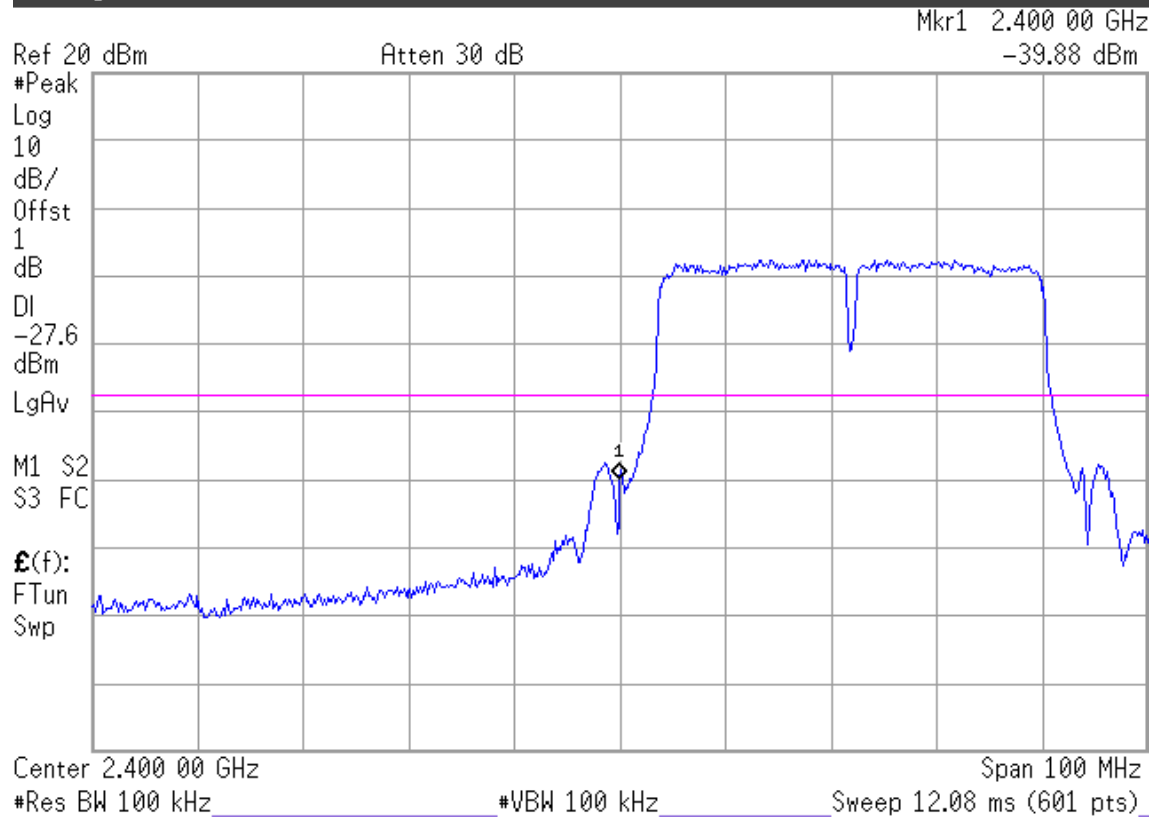
Upper Band edge

Agilent 22:26:14 Oct 15, 2010



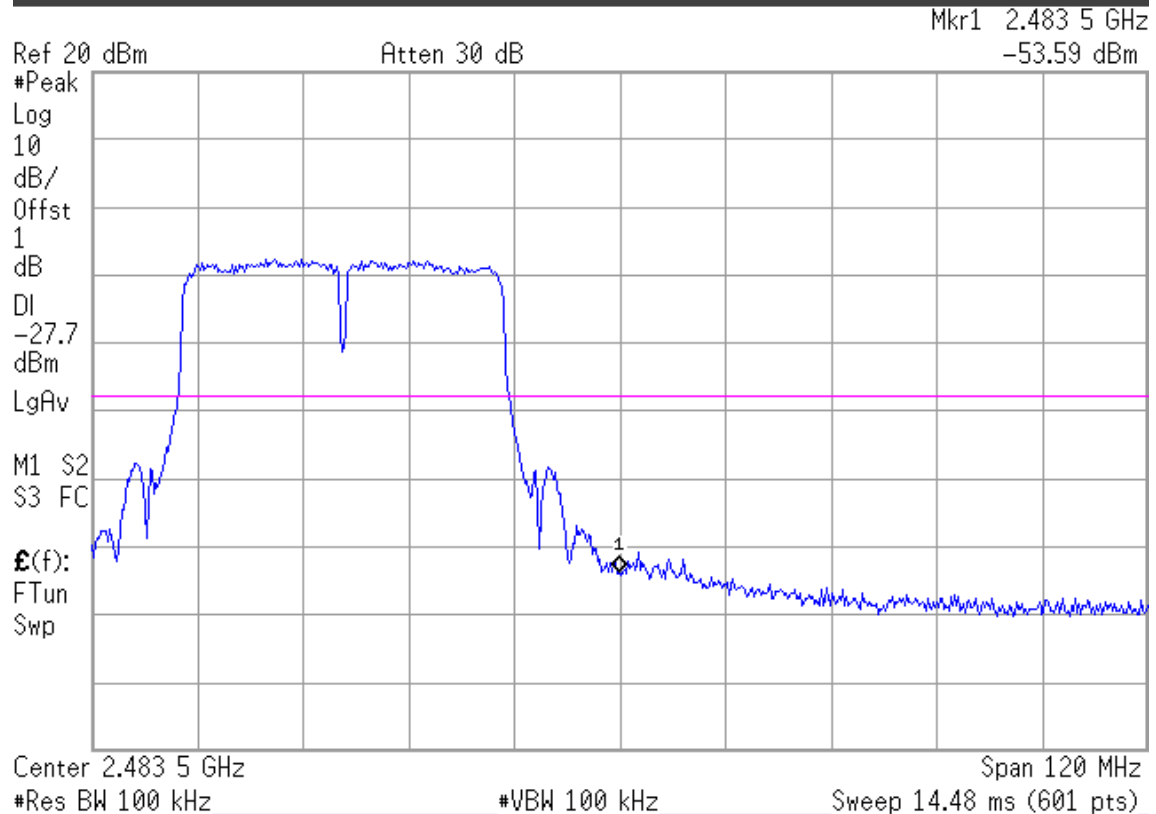
802.11n-HT40 Below Band edge

Agilent 22:30:22 Oct 15, 2010



Upper Band edge

Agilent 22:37:50 Oct 15, 2010



8. POWER SPECTRAL DENSITY MEASUREMENT

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 Analyzer	Agilent	E4446A	US44300366	Aug. 04, 10'	Aug. 03, 11'

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

The test program “Realtek 11n single chip 92C PCIE WLAN MP Diagnostic Program 0.0015.0524.2010” was used to enable the EUT to transmit data at different channel frequency individually.

8.5. Test Procedure

The transmitter output was connected to the spectrum analyzer. The bandwidth of the fundamental frequency was measured with the spectrum analyzer using 3kHz RBW and 30kHz VBW, set sweep time = span/300kHz.
The measurement guideline was according to KDB 558074.

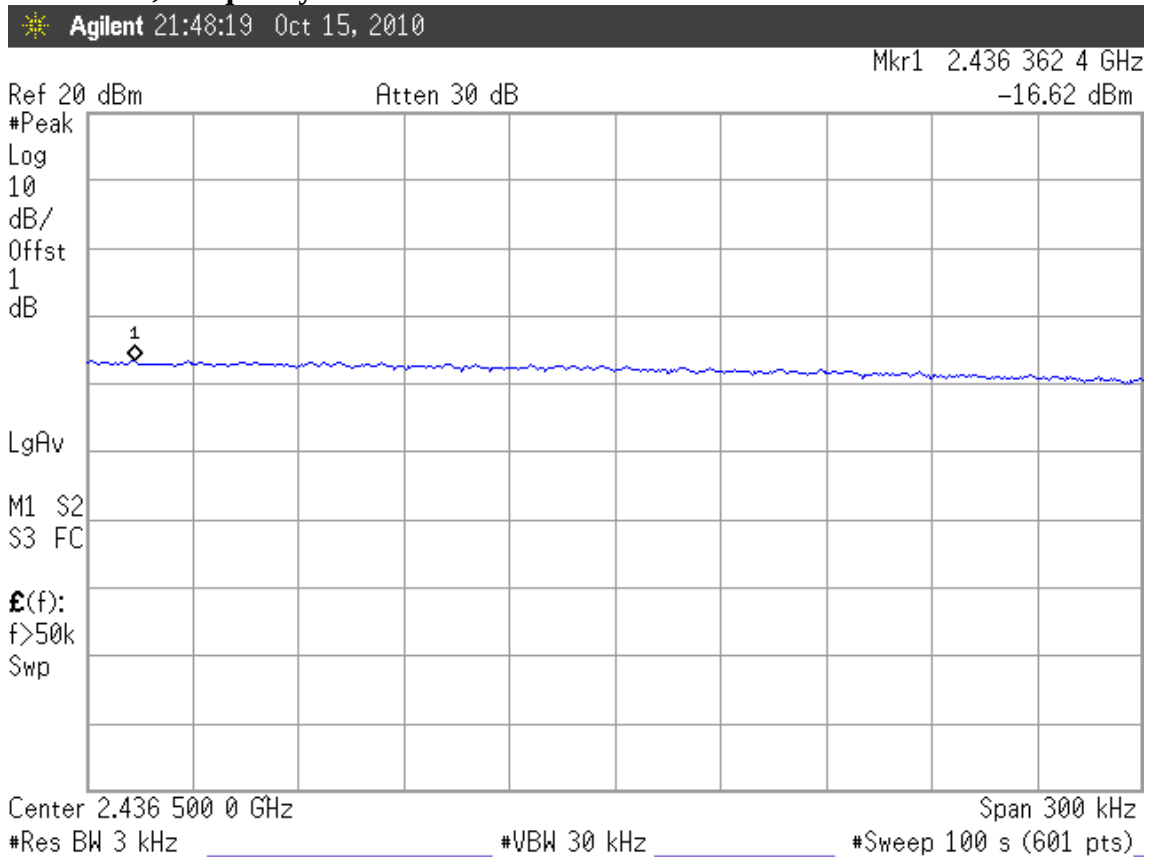
8.6. Test Results

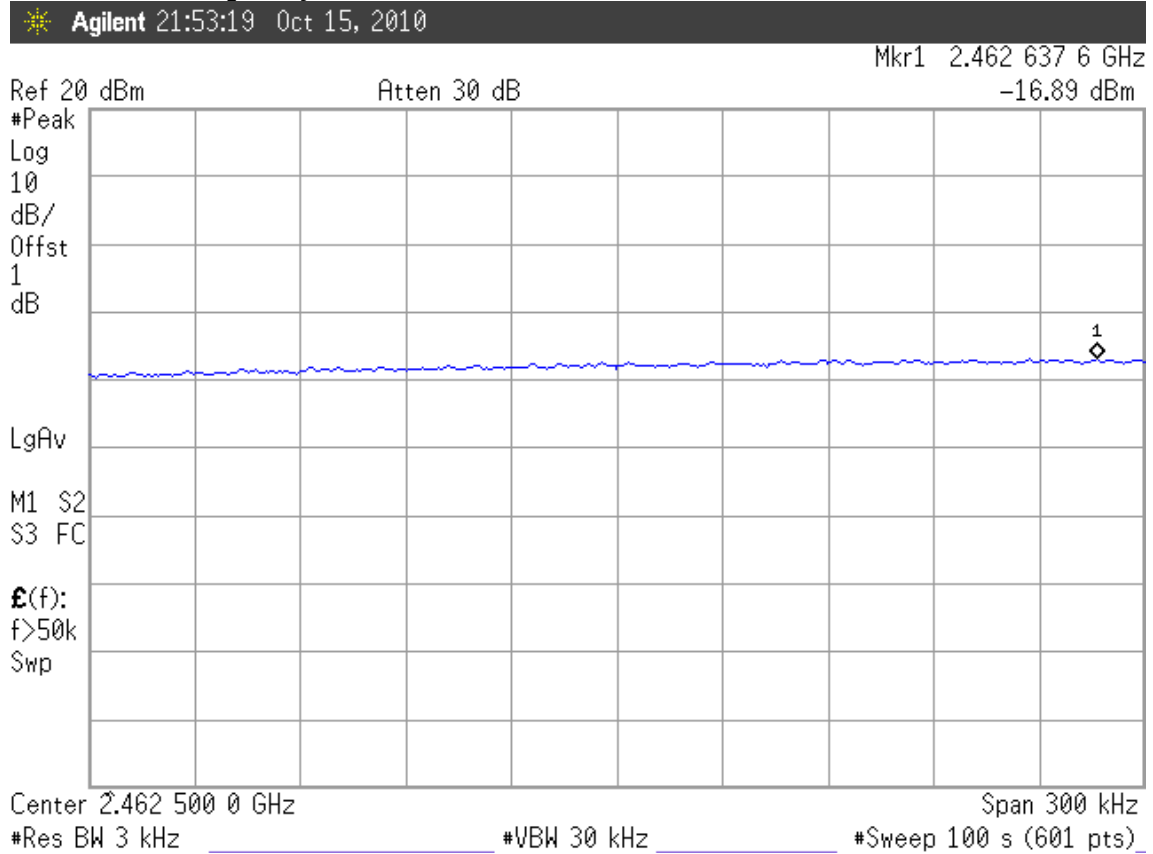
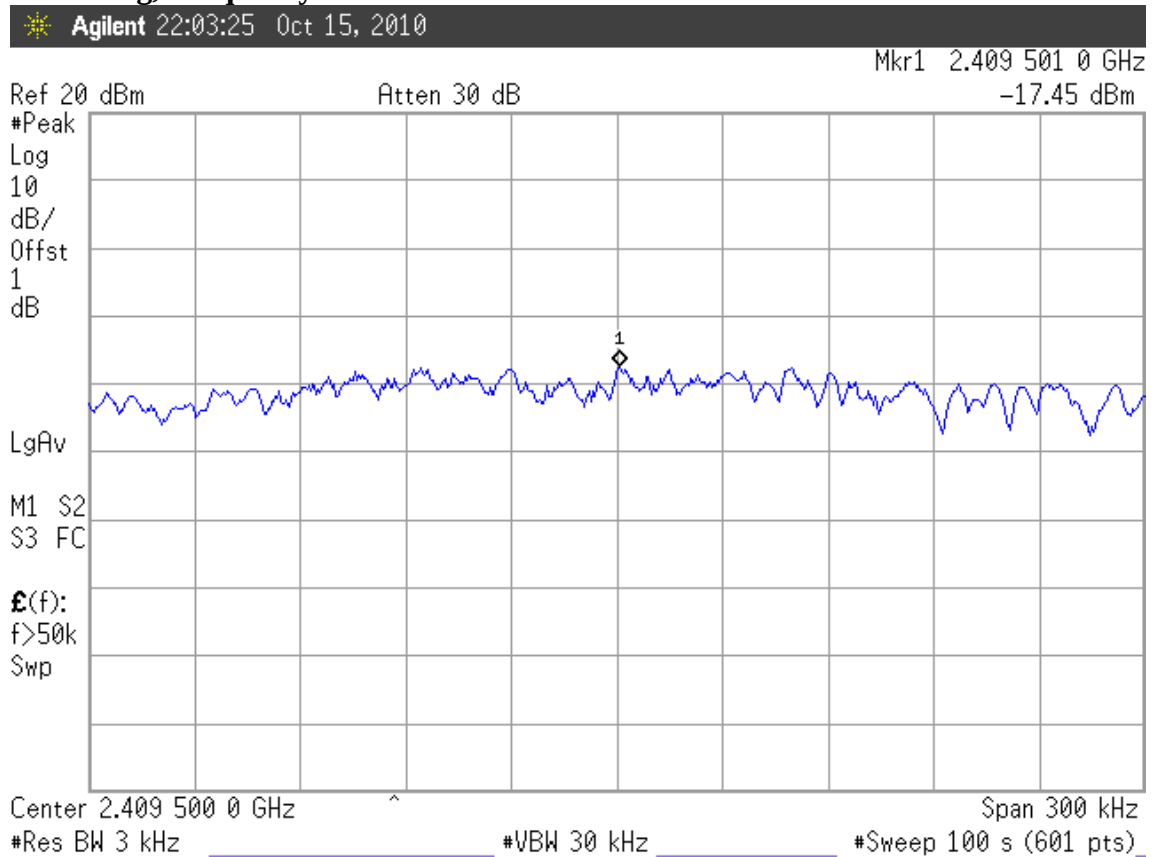
PASSED. All the test results are attached in next pages.

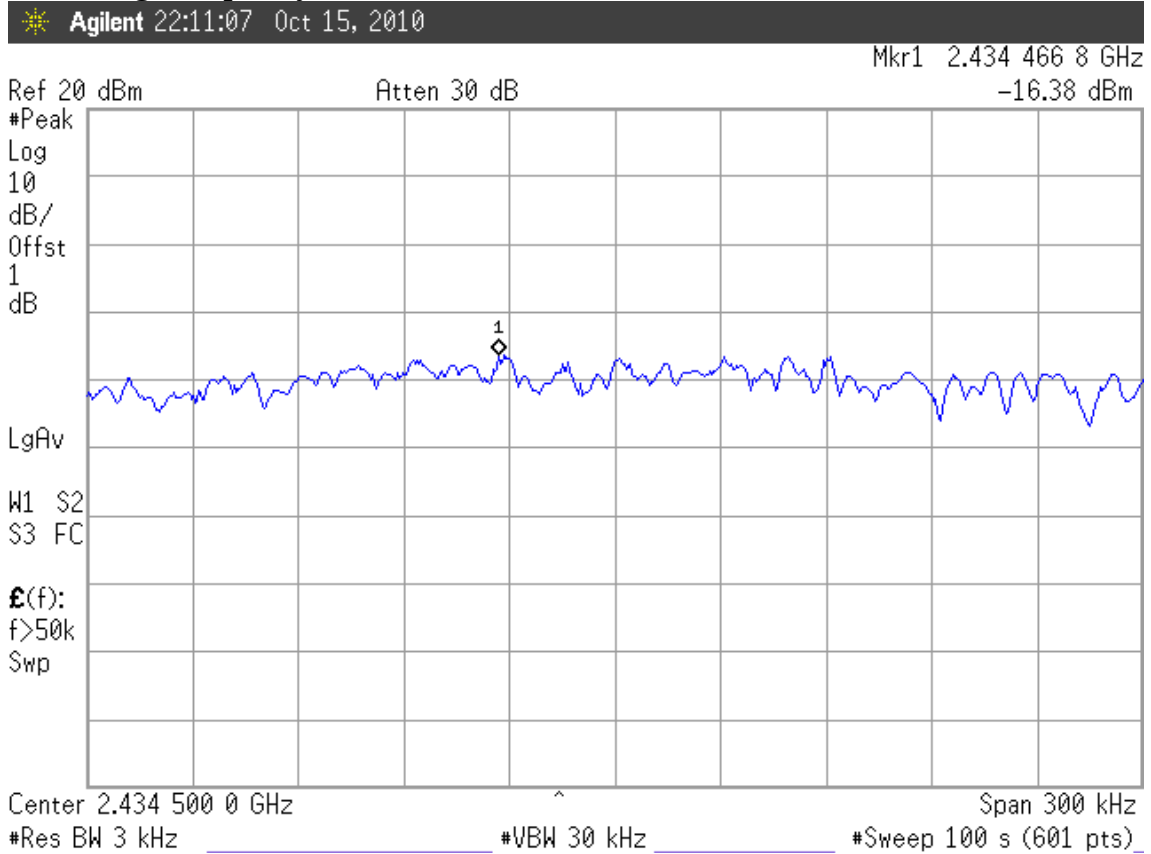
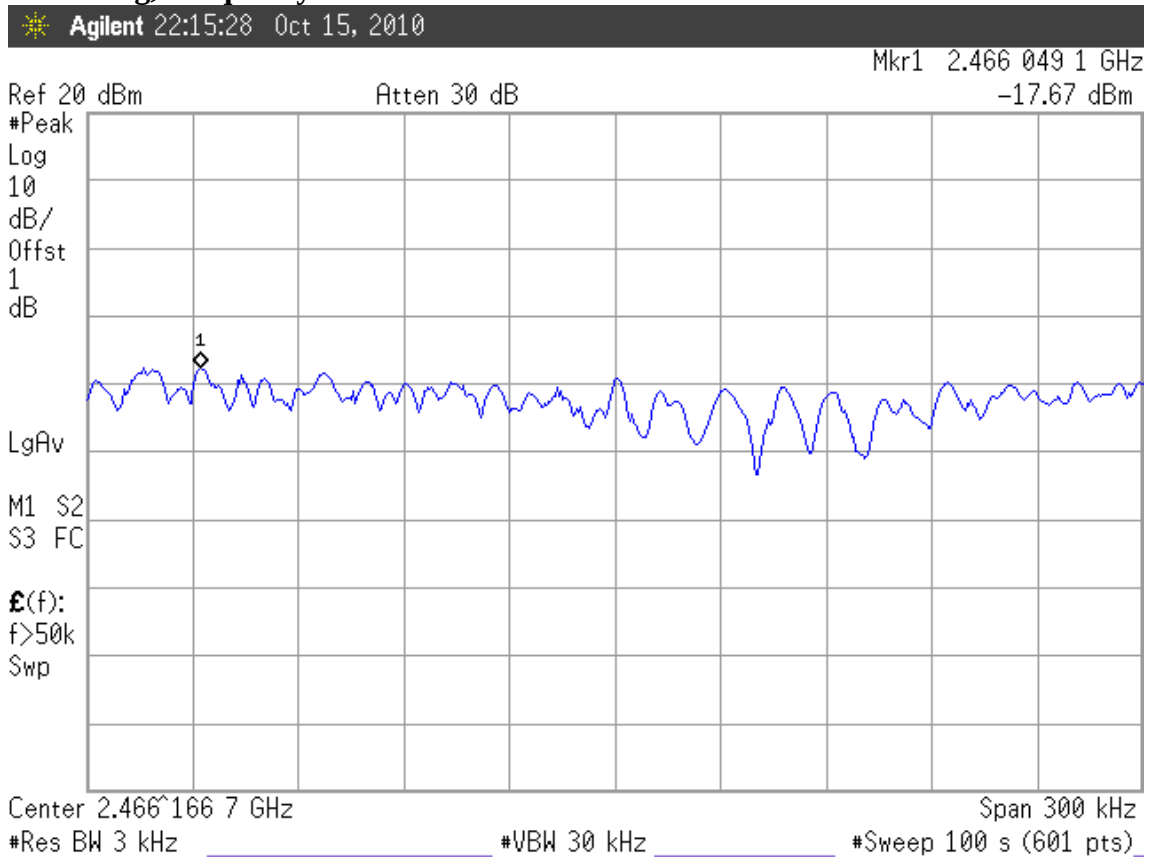
(Test Date : Oct. 15, 2010 Temperature : 26°C Humidity : 53%)

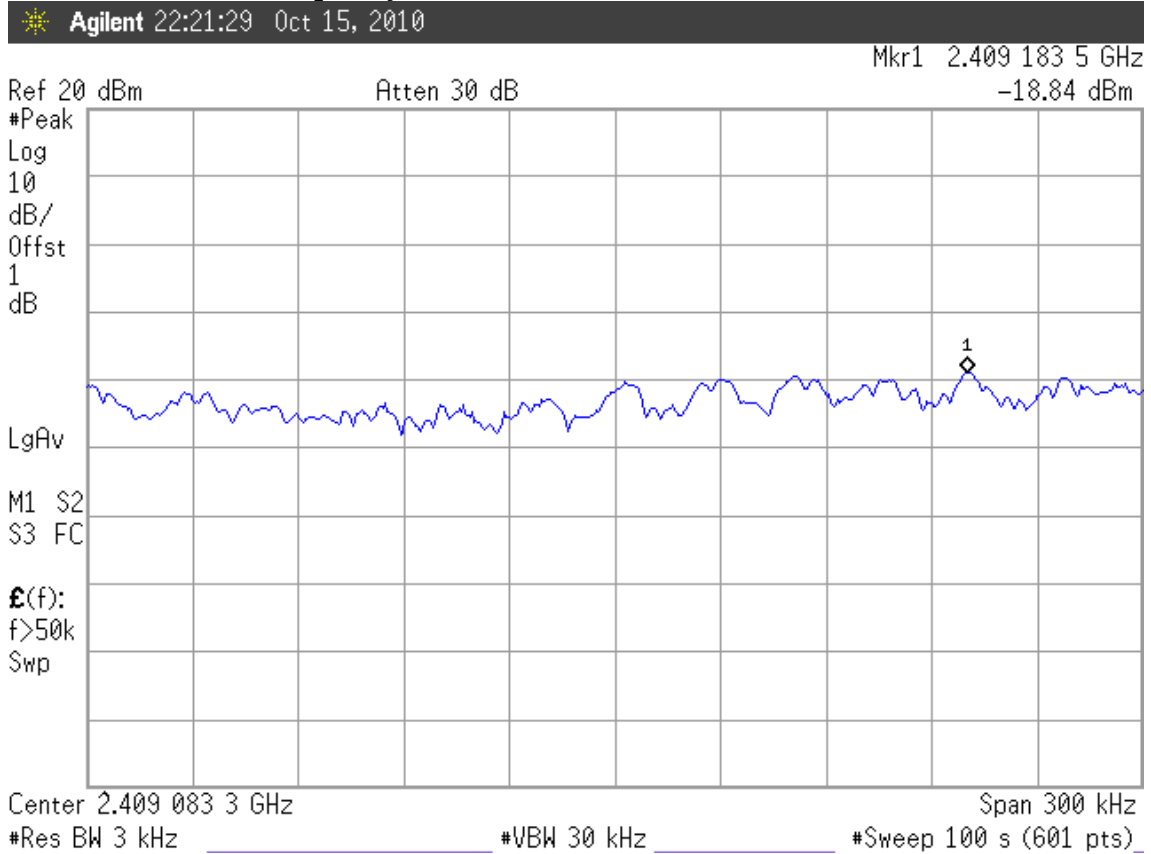
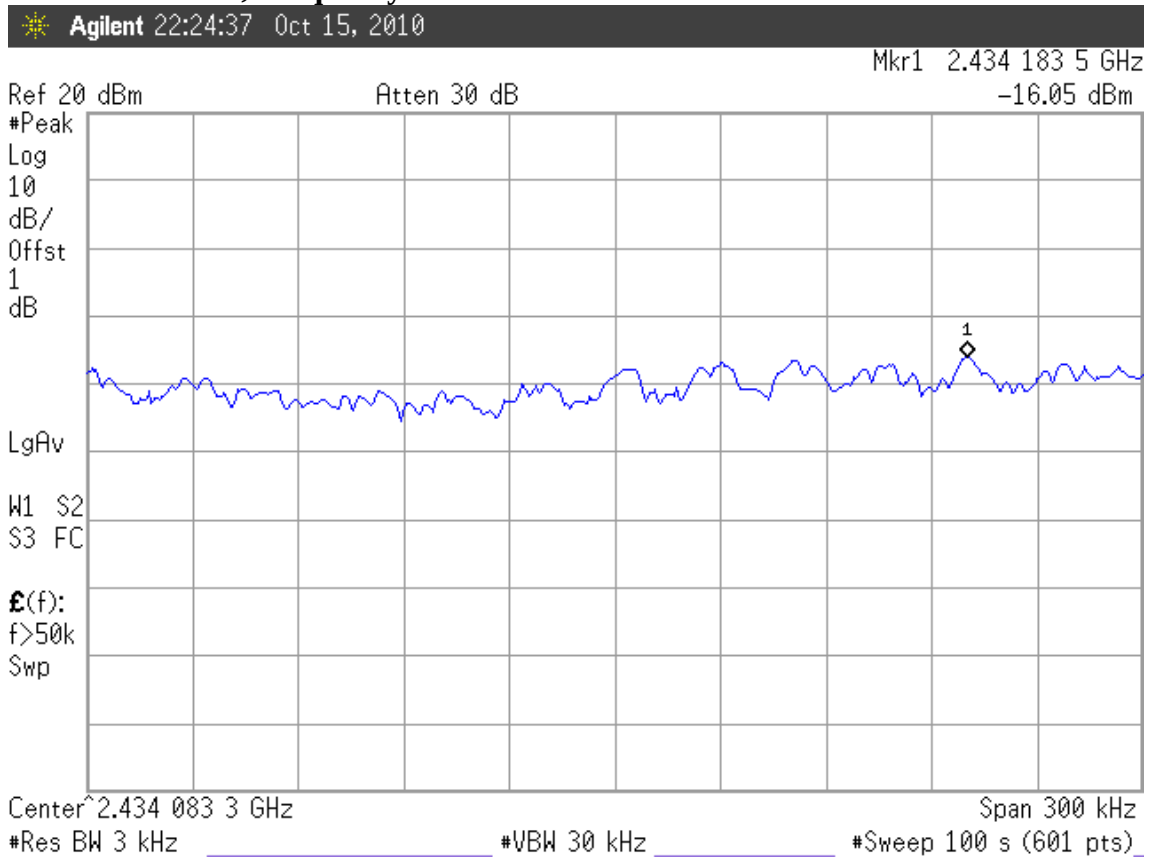
Mode	Type of Network	Channel	Frequency	Power Spectral Density (dBm)
1.	802.11b	CH 1	2412MHz	-16.19dBm
2.		CH 6	2437MHz	-16.62dBm
3.		CH 11	2462MHz	-16.89dBm
4.	802.11g	CH 1	2412MHz	-17.45dBm
5.		CH 6	2437MHz	-16.38dBm
6.		CH 11	2462MHz	-17.67dBm
7.	802.11n-HT20	CH 1	2412MHz	-18.84dBm
8.		CH 6	2437MHz	-16.05dBm
9.		CH 11	2462MHz	-19.05dBm
10.	802.11n-HT40	CH 3	2422MHz	-22.38dBm
11.		CH 6	2437MHz	-22.11dBm
12.		CH 9	2452MHz	-21.90dBm

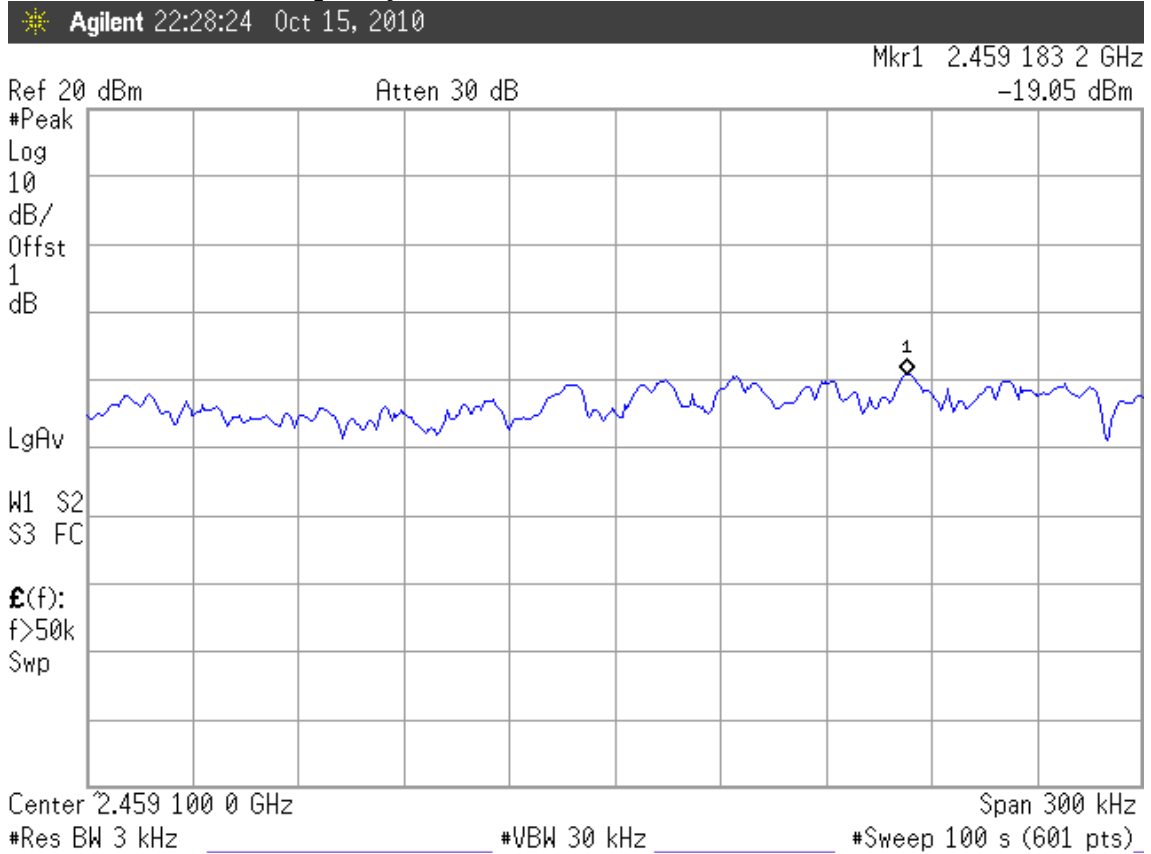
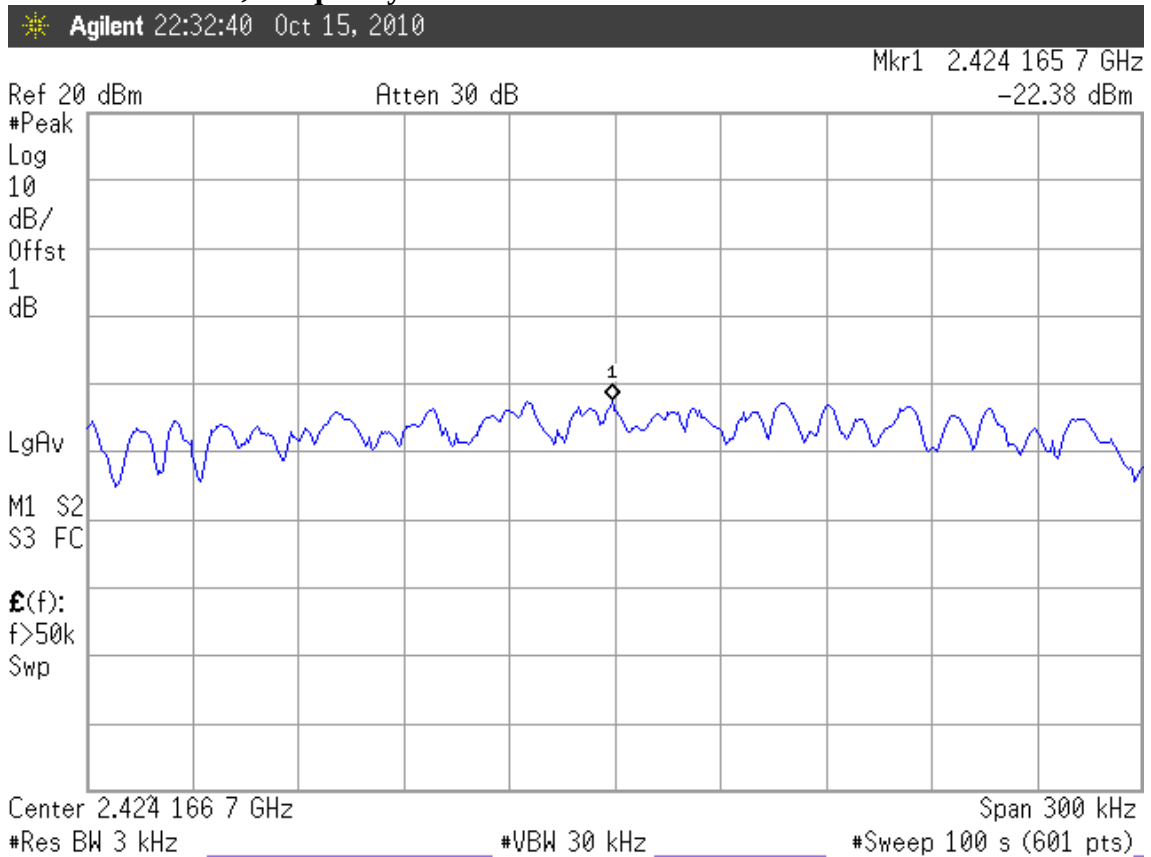
[Limit: 8dBm]

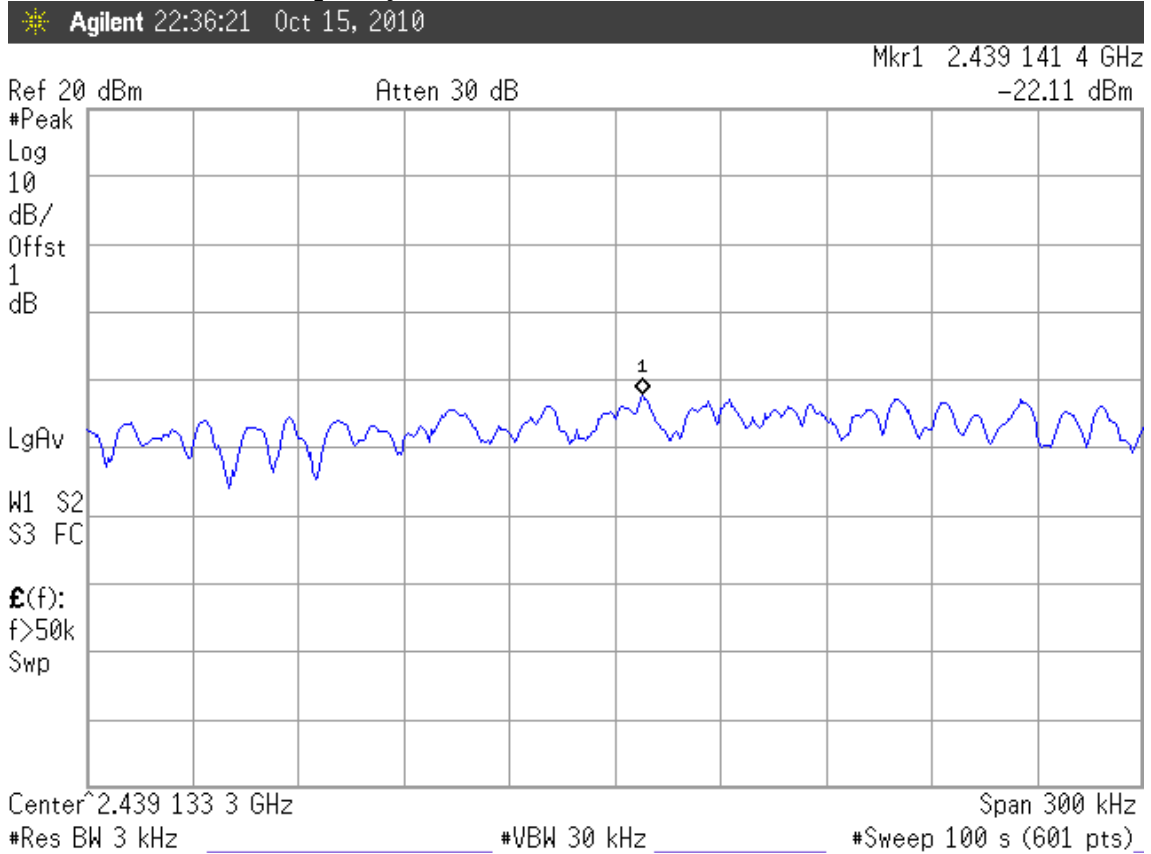
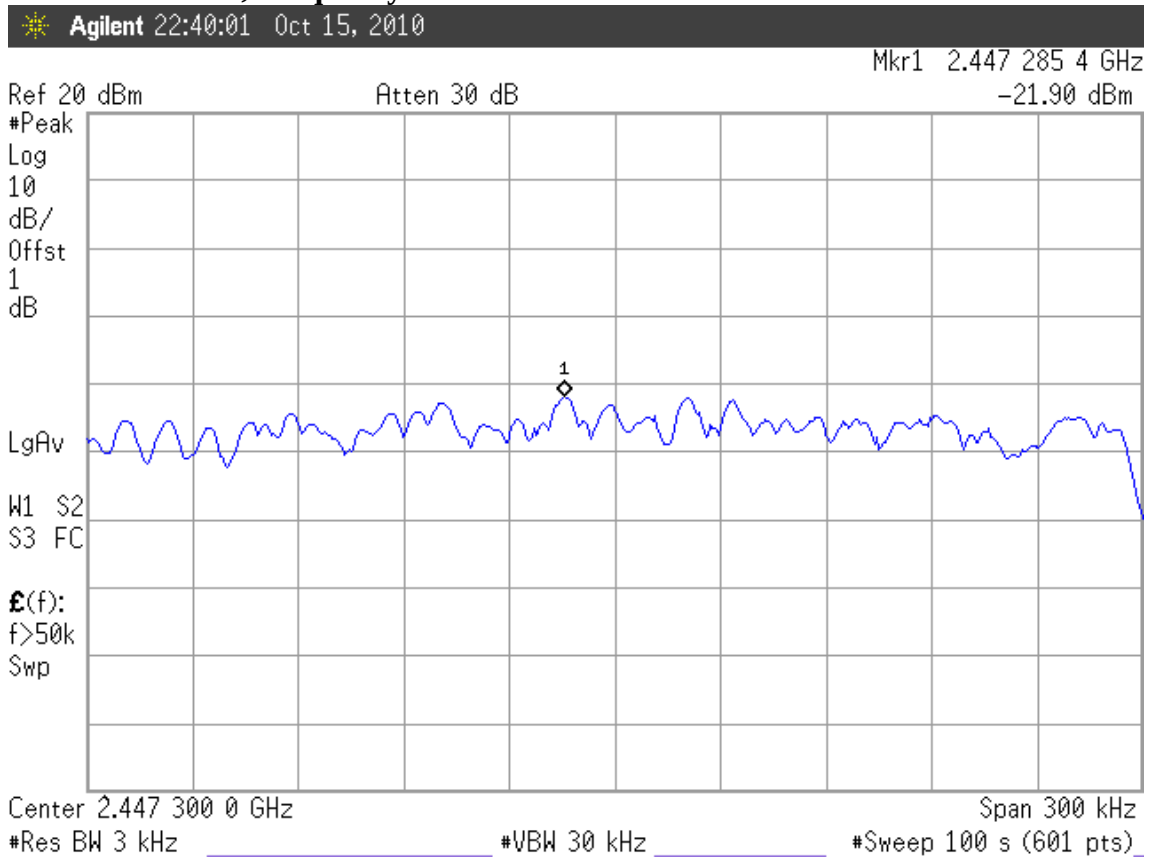
802.11b, Frequency: 2412MHz**802.11b, Frequency: 2437MHz**

802.11b, Frequency: 2462MHz**802.11g, Frequency: 2412MHz**

802.11g, Frequency: 2437MHz**802.11g, Frequency: 2462MHz**

802.11n-HT20, Frequency: 2412MHz**802.11n-HT20, Frequency: 2437MHz**

802.11n-HT20, Frequency: 2462MHz**802.11n-HT40, Frequency: 2422MHz**

802.11n-HT40, Frequency: 2437MHz**802.11n-HT40, Frequency: 2452MHz**

9. DEVIATION TO TEST SPECIFICATIONS

【NONE】