

APPLICATION FOR CERTIFICATION

On Behalf of

INVENTEC BESTA CO., LTD.

Electronic Dictionary

(Within Wireless LAN Module: AW-NH387L)

Model No.: CD-918

Brand: BESTA

FCC ID: U6OCA017

Prepared for : INVENTEC BESTA CO., LTD.
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Date of Report : Dec. 21, 2011

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TEST REPORT CERTIFICATION

Applicant : INVENTEC BESTA CO., LTD.
Manufacturer : BESTA (KUNSHAN) CO., LTD.
EUT Description : Electronic Dictionary
(A) MODEL NO. : CD-918
(B) SERIAL NO. : N/A
(C) BRAND : BESTA
(D) POWER SUPPLY : (1)DC 5V (Via Power Supply)
(2)DC 3.7V (Via Battery)
(E) TEST VOLTAGE : (1)AC 120V/60Hz
(Via PC System or Notebook PC)
(2)AC 120V/60Hz
(Via Switching Power Supply)
(3)DC 3.7V (Via Battery)

Measurement Procedure Used:

FCC RULES AND REGULATIONS PART 15 SUBPART C, Oct. 2010
AND ANSI C63.4/2003

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

The device described above was tested by AUDIX 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.

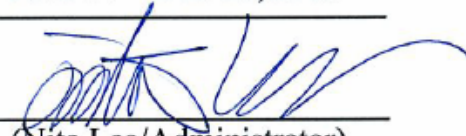
The measurement results are contained in this test report and AUDIX Technology Corporation is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliant with the FCC official limits.

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 : Nov. 04 ~ Dec. 20, 2011

Date of Report : Dec. 21, 2011

Producer :


(Nita Lee/Administrator)

Signatory:


(Ben Cheng/Manager)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	:	Electronic Dictionary (Within Wireless LAN Module: AW-NH387L)
Model Number	:	CD-918
FCC ID	:	U6OCA017
NCC No.	:	CCAB11LP5130T0
Brand	:	BESTA
Applicant	:	INVENTEC BESTA CO., LTD. 10FL., No.36, Lane 513, Rui Guang Road, Nei Hu Dist., Taipei 114, Taiwan
Manufacturer	:	BESTA (KUNSHAN) CO., LTD. No.45, Wai He Jing Road, Block B, Kunshan Free Trade Zone, Kunshan, Jiang Su Province China
Fundamental Range	:	2400MHz ~ 2483.5MHz (802.11b/g/n)
Channel Number	:	802.11b/g/n-HT20: 11 Channel 802.11n-HT40: 7 Channel
Modulation & Working Frequency	:	802.11b: 2412-2462(MHz), DSSS 802.11g: 2412-2462(MHz), OFDM 802.11n-HT20: 2412-2462(MHz), OFDM 802.11n-HT40: 2422-2452(MHz), OFDM (SISO)
Antenna Gain	:	-2.96dBi
LCD Panel (5.0")	:	CHIMEI INNOLUX DISPLAY CORPORATION, M/N: EJ050NA-01D
Lithium Battery	:	KAYO, M/N: KPL 2867120- 2500mAh 3.7Vdc, 2500mAh

USB Cable : Shielded, Detachable, 0.9m, Bonded a ferrite core +
Shielded, Undetachable, 1.0m

Earphone : Non-Shielded, Detachable, 1.0m

Switching Power Supply (2Pin) : Something High Electric (Xiamen) Co., Ltd.
M/N: P12USB050200 US
Input: AC 100-240V~, 50/60Hz, 0.3A
Output: DC 5.0V, 2.0A

Date of Receipt of Sample : Nov. 03, 2011

Date of Test : Nov. 04 ~ Dec. 20, 2011

Antenna Information

Antenna Part Number	Manufacture	Antenna Type	Peak Gain W/ Cable loss (dBi)	
			Frequency (MHz)	Max Gain (dBi)
BESTA CA017	Speed Technology	PCB Antenna	2400	-3.21dBi (peak)
			2410	-3.28dBi (peak)
			2420	-3.26dBi (peak)
			2430	-3.28dBi (peak)
			2440	-3.21dBi (peak)
			2450	-3.16dBi (peak)
			2460	-3.13dBi (peak)
			2470	-3.02dBi (peak)
			2480	-3.04dBi (peak)
			2490	-3.01dBi (peak)
			2500	-2.96dBi (peak)

Data Rate Relative to Output Power

802.11b			
Channel	Modulation	Date Rate (Mbps)	Power (dBm)
1	BPSK	1	17.63
1	BPSK	2	17.61
1	QPSK	5.5	17.60
1	QPSK	11	17.61

802.11g			
Channel	Modulation	Date Rate (Mbps)	Power (dBm)
1	BPSK	6	21.16
1	BPSK	9	21.13
1	QPSK	12	21.13
1	QPSK	18	21.12
1	16-QAM	24	21.11
1	16-QAM	36	21.12
1	64-QAM	48	21.11
1	64-QAM	54	21.10

802.11n-HT20				802.11n-HT40			
Channel	Modulation	Date Rate (Mbps)	Power (dBm)	Channel	Modulation	Date Rate (Mbps)	Power (dBm)
1	BPSK	6.5	20.34	3	BPSK	6.5	20.85
1	QPSK	13	20.30	3	QPSK	13	20.82
1	QPSK	19.5	20.31	3	QPSK	19.5	20.81
1	16-QAM	26	20.32	3	16-QAM	26	20.80
1	16-QAM	39	20.28	3	16-QAM	39	20.79
1	64-QAM	52	20.29	3	64-QAM	52	20.80
1	64-QAM	58.6	20.30	3	64-QAM	58.6	20.83
1	64-QAM	65	20.32	3	64-QAM	65	20.83

Test Configuration for Each Test Item

Test Item	802.11b	802.11g	802.11n-HT20	802.11n-HT40
	Data Rate for Test (Mbps)			
26dB Bandwidth	1	6	6.5	6.5
Emission Limitations	1	6	6.5	6.5
Maximum peak output power	1	6	6.5	6.5
Power spectral density	1	6	6.5	6.5
Peak power Excursion	1	6	6.5	6.5
Frequency Stability	1	6	6.5	6.5

1.2. Tested Supporting System Details

1.2.1. PC SYSTEM

Model Number	:	MT-M 7611-PV2
Serial Number	:	R82RT31
FCC ID	:	By DoC
BSMI ID	:	R33B65
Manufacturer	:	LENOVO
Power Cord	:	Non-Shielded, Detachable, 1.8m

1.2.2. LCD MONITOR

Model Number	:	HSG1176
Serial Number	:	N/A
FCC ID	:	By DoC
BSMI ID	:	R31247
Manufacturer	:	HannStar Display Corp.
D-Sub Cable	:	Shielded, Detachable, 1.8m
		Bonded two ferrite cores
Power Cord	:	Non-Shielded, Detachable, 1.8m

1.2.3. USB KEYBOARD

Model Number	:	KU-0225
Serial Number	:	0904483
FCC ID	:	By Doc
BSMI ID	:	R31310
Manufacturer	:	LENOVO (Brand: LENOVO)
Data Cable	:	Shielded, Undetachable, 1.8m

1.2.4. USB MOUSE

Model Number	:	MO28UOL
Serial Number	:	4408467
FCC ID	:	By DoC
BSMI ID	:	R41108
Manufacturer	:	LENOVO
Data Cable	:	Shielded, Undetachable, 1.8m

1.2.5. DOT MATRIX PRINTER

Model Number	:	KX-P2135
Serial Number	:	8DMCNC02144
FCC ID	:	ACJ5Z6KX-P2135
BSMI ID	:	3872A371
Manufacturer	:	Matsushita (Brand: Panasonic)
Data Cable	:	Shielded, Detachable, 1.5m
Power Cord	:	Non-Shielded, Detachable, 1.8m

1.2.6. USB 2.0 STORAGE MEDIA

Model Number	:	USM128U2
Serial Number	:	N/A
FCC ID	:	By DoC
BSMI ID	:	D33021
Manufacturer	:	SONY
USB Cable	:	Shielded, Detachable, 1.5m

1.2.7. MINI SD CARD (INSTALL IN EUT)

Model Number	:	E408G1138
Serial Number	:	N/A
Capacity	:	8GB

1.2.8. TV (LINK TO EUT)

Model Number	:	22LV2500-DA
Serial Number	:	N/A
FCC ID	:	By DoC
BSMI ID	:	R3A062
Manufacturer	:	LG
HDMI Cable	:	Shielded, Detachable, 1.0m
Power Cord	:	Non-Shielded, Detachable, 1.8m

1.2.9. POWER SOCKET

Model Number	:	N/A
Serial Number	:	N/A
Manufacturer	:	TOKIN
Power Cord	:	Non-Shielded, Undetachable, 1.0m

1.3. Description of Test Facility

Name of Firm : **AUDIX Technology Corporation**
 EMC Department
 No. 53-11, Dingfu, Linkou Dist.,
 New Taipei City 244, Taiwan, R.O.C.

Test Site : **No. 5 Shielded Room**
 (C5/Semi-AC)
 No. 53-11, Dingfu, Linkou Dist.,
 New Taipei City 244, Taiwan, R.O.C.

Semi-Anechoic Chamber
 No. 53-11, Dingfu, Linkou Dist.,
 New Taipei City 244, Taiwan, R.O.C.

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

NVLAP Lab. Code : 200077-0

TAF Accreditation No : 1724

1.4. Measurement Uncertainty

Test Item	Frequency Range	Uncertainty (dB)
Conduction Test	150kHz~30MHz	±1.73dB
Radiation Test (Distance: 3m)	30MHz~300MHz	±2.91dB
	300MHz~1000MHz	±2.94dB
	Above 1GHz	± 5.02dB

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

Test Item	Uncertainty
6dB Bandwidth	± 1kHz
Maximum peak Output power	± 0.52dBm
Emission Limitations	± 0.13dB
Band Edges	± 0.13dB
Power spectral Density	± 0.33dB

2. POWERLINE CONDUCTED EMISSION MEASUREMENT

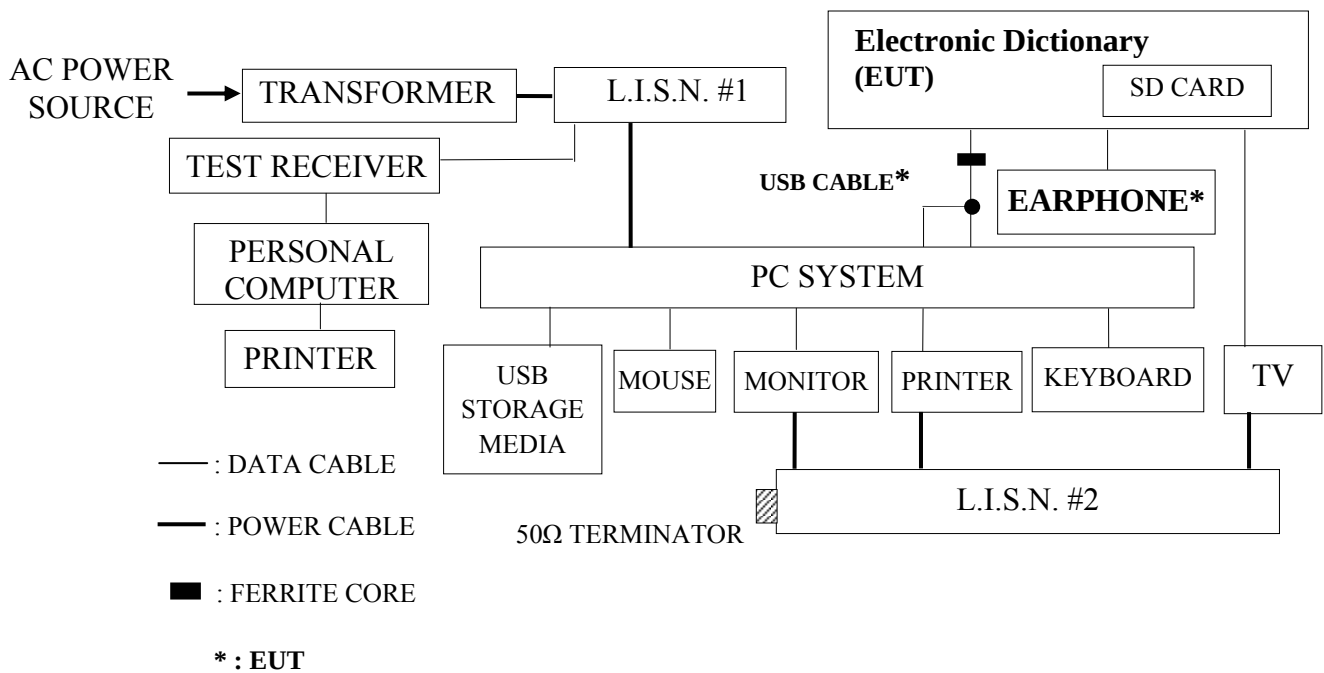
2.1. Test Equipment

The following test equipment were used during the power line conducted measurement: (No. 5 Shielded Room)

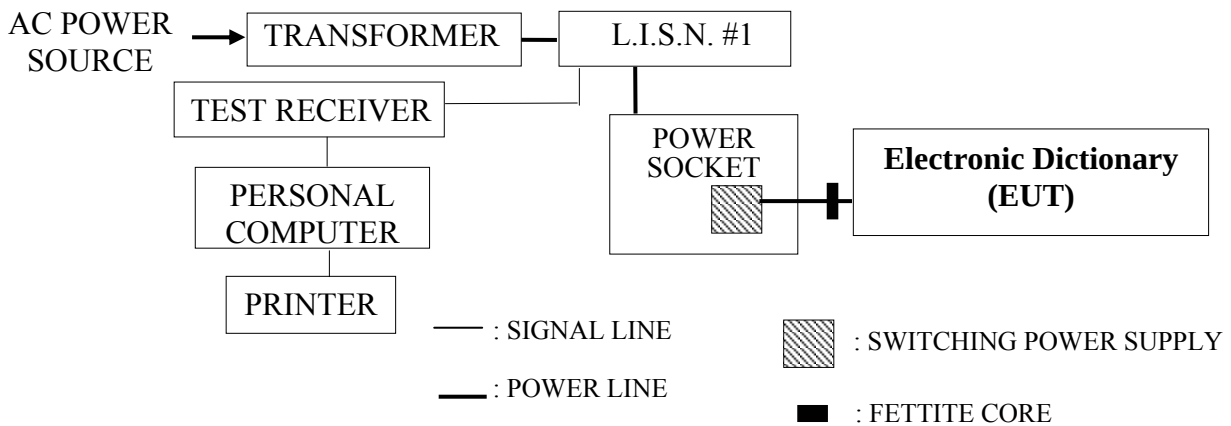
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Test Receiver	R & S	ESCS30	100039	Jun. 23, 11'	Jun. 22, 12'
2.	A.M.N.	R&S	ENV4200	100003	Jun. 09, 11'	Jun. 08, 12'
3.	L.I.S.N.	Kyoritsu	KNW-407	8-1539-2	Oct. 19, 11'	Oct. 18, 12'

2.2. Block Diagram of Test Setup

2.2.1. Test Voltage: AC 120V/60Hz (Via PC System)



2.2.2. Test Voltage: AC 120V/60Hz (Via Switching Power Supply)



2.3. Conducted Emission Limits (§15.207)

Frequency	Maximum RF Line Voltage	
	Quasi-Peak Level	Average Level
150kHz ~ 500kHz	66 ~ 56 dB μ V	56 ~ 46 dB μ V
500kHz ~ 5MHz	56 dB μ V	46 dB μ V
5MHz ~ 30MHz	60 dB μ V	50 dB μ V

Remark1.: If the average limit is met when using a Quasi-Peak detector, the EUT shall be deemed to meet both limits and measurement with the average detector is unnecessary.

2.: The lower limit applies at the band edges.

2.4. Operating Condition of EUT

- 2.4.1. Set up the EUT and simulator as shown on 2.2.
- 2.4.2. To turn on the power of all equipment.
- 2.4.3. The Electronic Dictionary (EUT) upload/downloaded data into/from the PC system via the USB cable.
- 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 power cord was 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 of equipment and all of the interface cables were changed according to FCC ANSI C63.4-2003 during conducted measurement.

The bandwidth of the R&S Test Receiver ESCS30 was set at 9kHz.

The frequency range from 150kHz to 30MHz was pre-scanned with a peak detector.

All the readings of measurements were 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 emissions not reported below are too low against the prescribed limits.

The EUT with following test modes was measured during the conducted emission measurement and all the test results are listed in next pages.

EUT : Electronic Dictionary

M/N : CD-918

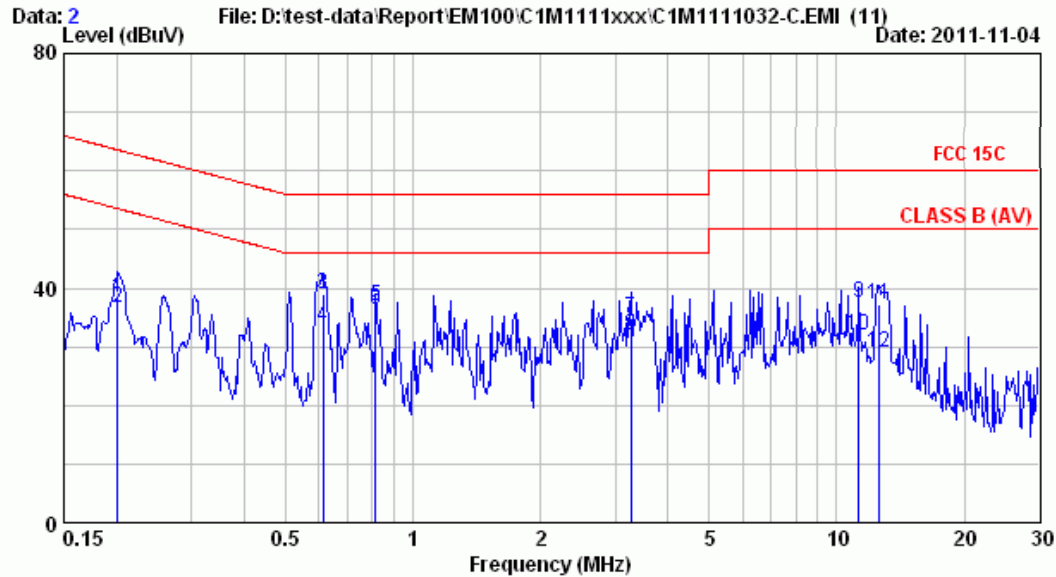
Test Date : Nov. 04, 2011 Temperature : 24 Humidity : 50%

The details of test modes and reference test data are as follows :

No.	Test Voltage	Operation of EUT	Reference Test Data No.	
			Neutral	Line
1.	AC 120V/60Hz (Via PC System)	Link PC	# 2	# 1
2.	AC 120V/60Hz (Via Switching Power Supply)	Charge	# 20	# 19



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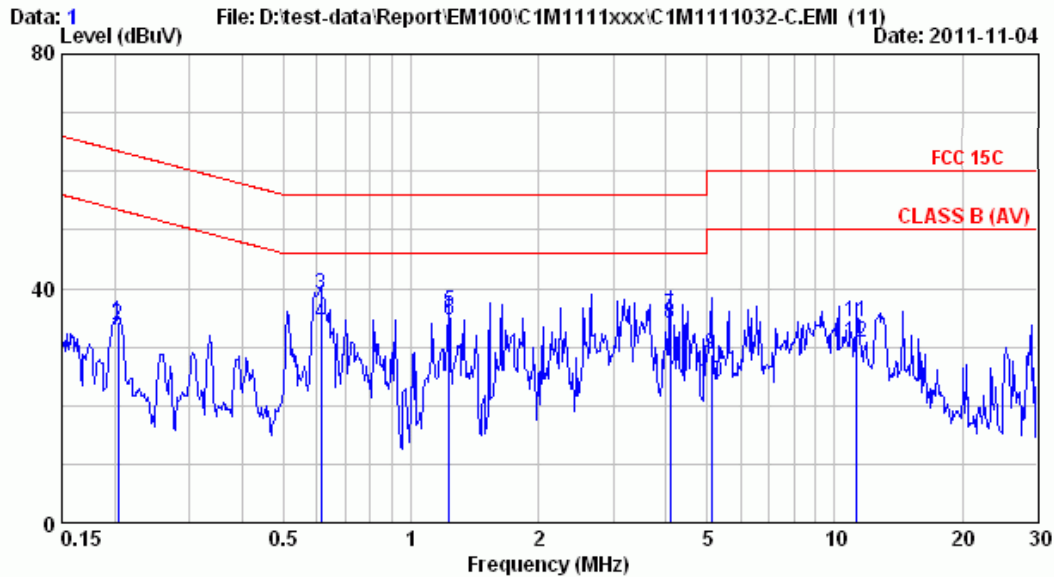
Site : NO.5 Shielded Room Data : 2
Condition : ENV 4200 Phase : NEUTRAL
Limit : FCC 15 C
Env. / Ins. : 24°C/50% ESCS 30 (039) Engineer: Jasper Hong
EUT : CD-918
Power Rating : 120Vac / 60Hz
Test Mode : LINK PC

	Freq. (MHz)	CLAMP Factor (dB)	Cable Loss (dB)	Emission Reading (dBpW)	Emission Level (dBpW)	Limits (dBpW)	Margin (dB)	Remark
1	0.201	10.00	0.20	28.10	38.30	63.58	25.28	QP
2	0.201	10.00	0.20	26.45	36.65	53.58	16.93	AVERAGE
3	0.614	9.86	0.20	28.96	39.02	56.00	16.98	QP
4	0.614	9.86	0.20	23.24	33.30	46.00	12.70	AVERAGE
5	0.817	9.83	0.20	26.77	36.80	56.00	19.20	QP
6	0.817	9.83	0.20	26.23	36.26	46.00	9.74	AVERAGE
7	3.276	9.80	0.40	24.59	34.79	56.00	21.21	QP
8	3.276	9.80	0.40	21.87	32.07	46.00	13.93	AVERAGE
9	11.257	10.00	0.70	26.72	37.42	60.00	22.58	QP
10	11.257	10.00	0.70	21.24	31.94	50.00	18.06	AVERAGE
11	12.582	10.00	0.70	26.63	37.33	60.00	22.67	QP
12	12.582	10.00	0.70	18.45	29.15	50.00	20.85	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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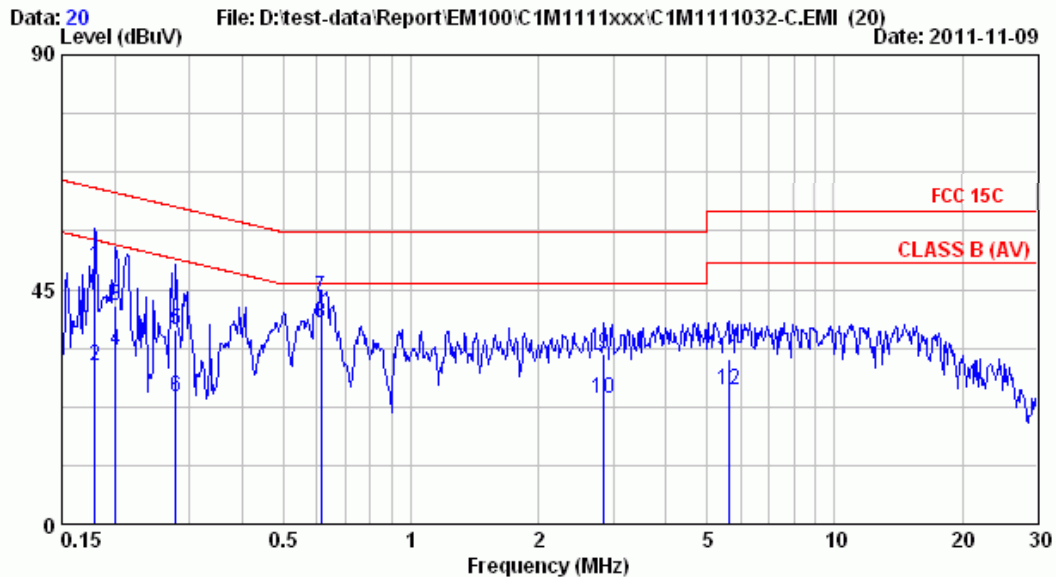
Site : NO.5 Shielded Room Data : 1
Condition : ENV 4200 Phase : LINE
Limit : FCC 15 C
Env. / Ins. : 24°C/50% ESCS 30 (039) Engineer: Jasper Hong
EUT : CD-918
Power Rating : 120Vac / 60Hz
Test Mode : LINK PC

	Freq. (MHz)	CLAMP Factor (dB)	Cable Loss (dB)	Reading (dBpW)	Emission Level (dBpW)	Limits (dBpW)	Margin (dB)	Remark
1	0.204	10.00	0.20	24.12	34.32	63.45	29.13	QP
2	0.204	10.00	0.20	23.51	33.71	53.45	19.74	AVERAGE
3	0.614	9.86	0.20	28.79	38.85	56.00	17.15	QP
4	0.614	9.86	0.20	23.87	33.93	46.00	12.07	AVERAGE
5	1.229	9.80	0.40	25.80	36.00	56.00	20.00	QP
6	1.229	9.80	0.40	24.46	34.66	46.00	11.34	AVERAGE
7	4.092	9.80	0.60	25.15	35.55	56.00	20.45	QP
8	4.092	9.80	0.60	23.56	33.96	46.00	12.04	AVERAGE
9	5.112	9.82	0.60	18.43	28.85	60.00	31.15	QP
10	5.112	9.82	0.60	13.57	23.99	50.00	26.01	AVERAGE
11	11.257	9.90	0.70	23.65	34.25	60.00	25.75	QP
12	11.257	9.90	0.70	20.30	30.90	50.00	19.10	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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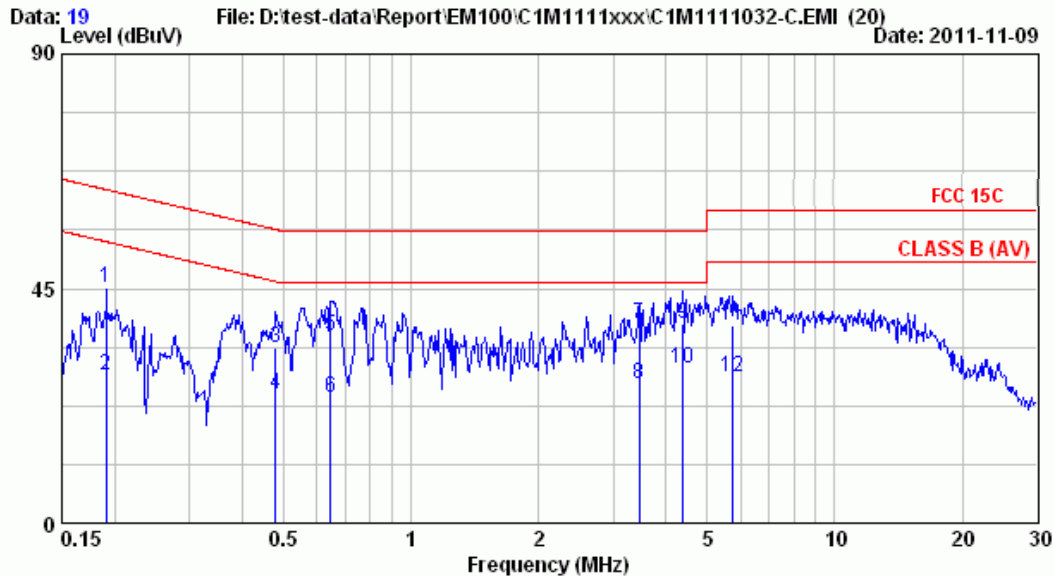
Site : NO.5 Shielded Room Data : 20
Condition : ENV 4200 Phase : NEUTRAL
Limit : FCC 15 C
Env. / Ins. : 24°C/50% ESCS 30 (039) Engineer: Jasper Hong
EUT : CD-918
Power Rating : 120Vac / 60Hz
Test Mode : Charging

	Freq. (MHz)	CLAMP Factor (dB)	Cable Loss (dB)	Reading (dBpW)	Emission Level (dBpW)	Limits (dBpW)	Margin (dB)	Remark
1	0.180	10.05	0.20	39.07	49.32	64.50	15.18	QP
2	0.180	10.05	0.20	20.07	30.32	54.50	24.18	AVERAGE
3	0.201	10.00	0.20	31.54	41.74	63.58	21.84	QP
4	0.201	10.00	0.20	23.16	33.36	53.58	20.22	AVERAGE
5	0.279	9.97	0.20	26.95	37.12	60.85	23.73	QP
6	0.279	9.97	0.20	14.30	24.47	50.85	26.38	AVERAGE
7	0.614	9.86	0.20	33.39	43.45	56.00	12.55	QP
8	0.614	9.86	0.20	28.35	38.41	46.00	7.59	AVERAGE
9	2.854	9.80	0.40	22.31	32.51	56.00	23.49	QP
10	2.854	9.80	0.40	13.86	24.06	46.00	21.94	AVERAGE
11	5.623	9.85	0.60	21.09	31.54	60.00	28.46	QP
12	5.623	9.85	0.60	15.13	25.58	50.00	24.42	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.5 Shielded Room Data : 19
Condition : ENV 4200 Phase : LINE
Limit : FCC 15 C
Env. / Ins. : 24°C/50% ESCS 30 (039) Engineer: Jasper Hong
EUT : CD-918
Power Rating : 120Vac / 60Hz
Test Mode : Charging

	Freq. (MHz)	CLAMP Factor (dB)	Cable Loss (dB)	Reading (dBpW)	Emission Level (dBpW)	Limits (dBpW)	Margin (dB)	Remark
1	0.190	10.05	0.20	34.97	45.22	64.02	18.80	QP
2	0.190	10.05	0.20	18.25	28.50	54.02	25.52	AVERAGE
3	0.479	9.88	0.20	23.42	33.51	56.36	22.86	QP
4	0.479	9.88	0.20	14.67	24.76	46.36	21.61	AVERAGE
5	0.647	9.86	0.20	25.88	35.94	56.00	20.07	QP
6	0.647	9.86	0.20	14.17	24.23	46.00	21.78	AVERAGE
7	3.454	9.80	0.40	27.95	38.15	56.00	17.85	QP
8	3.454	9.80	0.40	16.42	26.62	46.00	19.38	AVERAGE
9	4.384	9.81	0.60	27.92	38.33	56.00	17.67	QP
10	4.384	9.81	0.60	19.12	29.53	46.00	16.47	AVERAGE
11	5.744	9.83	0.60	27.58	38.01	60.00	21.99	QP
12	5.744	9.83	0.60	17.75	28.18	50.00	21.82	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)

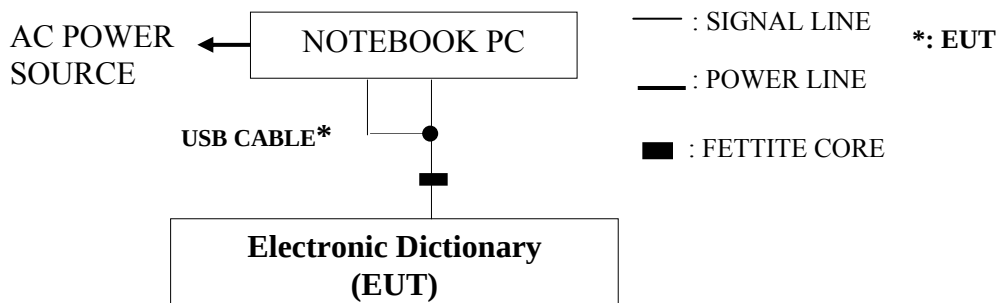
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E4446A	US44300366	Aug. 04, 11'	Aug. 03, 12'
2.	Test Receiver	R & S	ESCS30	100265	Aug. 25, 11'	Aug. 24, 12'
3.	Amplifier	HP	8447D	2944A06305	Feb. 10, 11'	Feb. 09, 12'
4.	Log Periodic Antenna	Schwarzbeck	UHALP 9108-A	0810	Mar. 08, 11'	Mar. 07, 12'
5.	Biconical Antenna	CHASE	VBA6106A	1264	Mar. 08, 11'	Mar. 07, 12'

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

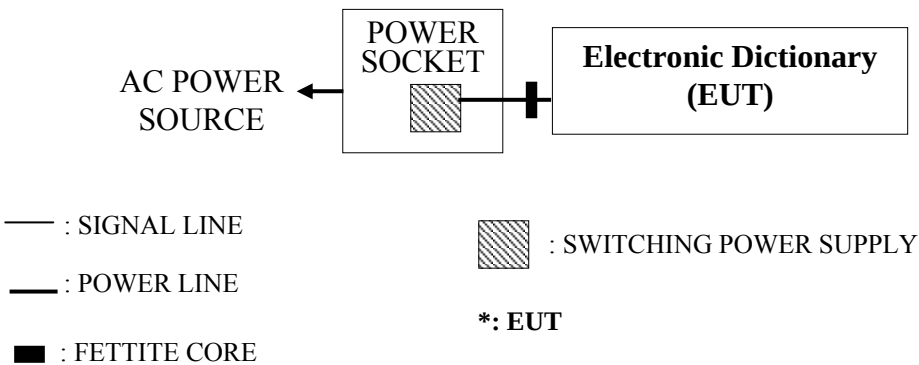
Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Analyzer	Agilent	E4446A	US44300366	Aug. 04, 11'	Aug. 03, 12'
2.	Test Receiver	R & S	ESCS30	100338	Jul. 12, 11'	Jul. 11, 12'
3.	Amplifier	HP	8449B	3008A00529	Dec. 10, 10'	Dec. 09, 11'
4.	Horn Antenna	EMCO	3115	9112-3775	May 09, 11'	May 08, 12'
5.	Horn Antenna	EMCO	3116	2653	Oct. 07, 11'	Oct. 06, 12'
6.	2.4GHz Notch Filter	EWT	EWT-14-007 0-R1	G2	Dec. 05, 10'	Dec. 04, 11'
7.	3.5GHz High Pass Filter	HP	84300-80038	005	Jan. 05, 11'	Jan. 04, 12'

3.2. Block Diagram of Test Setup

3.2.1. Test Voltage: AC 120V/60Hz (Via Notebook PC)



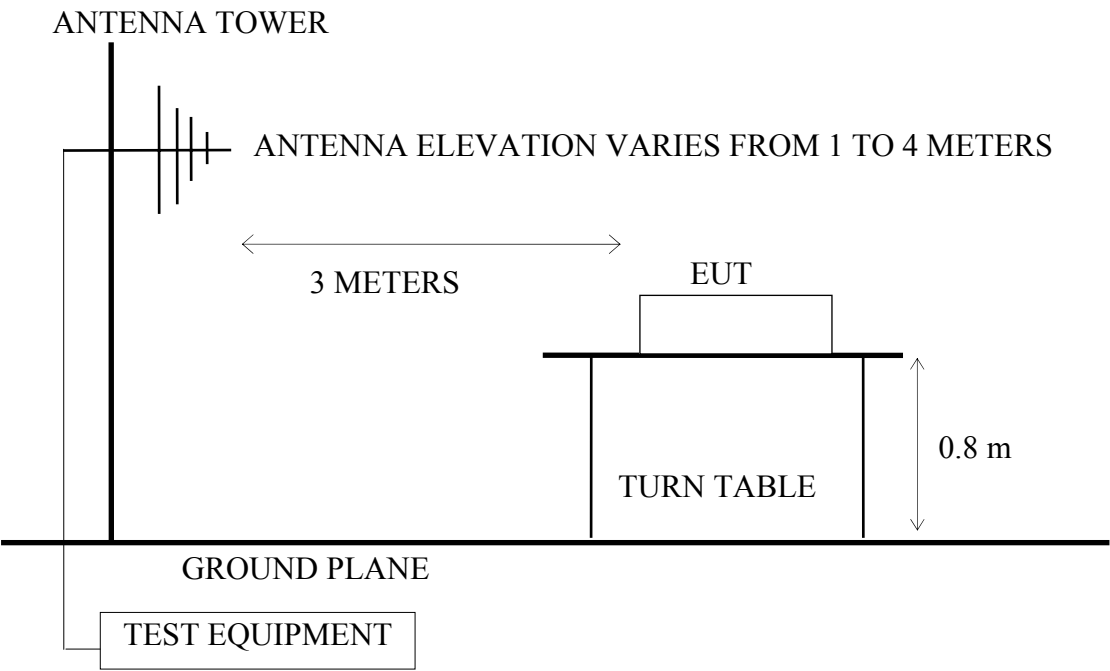
3.2.2. Test Voltage: AC 120V/60Hz (Via Switching Power Supply)



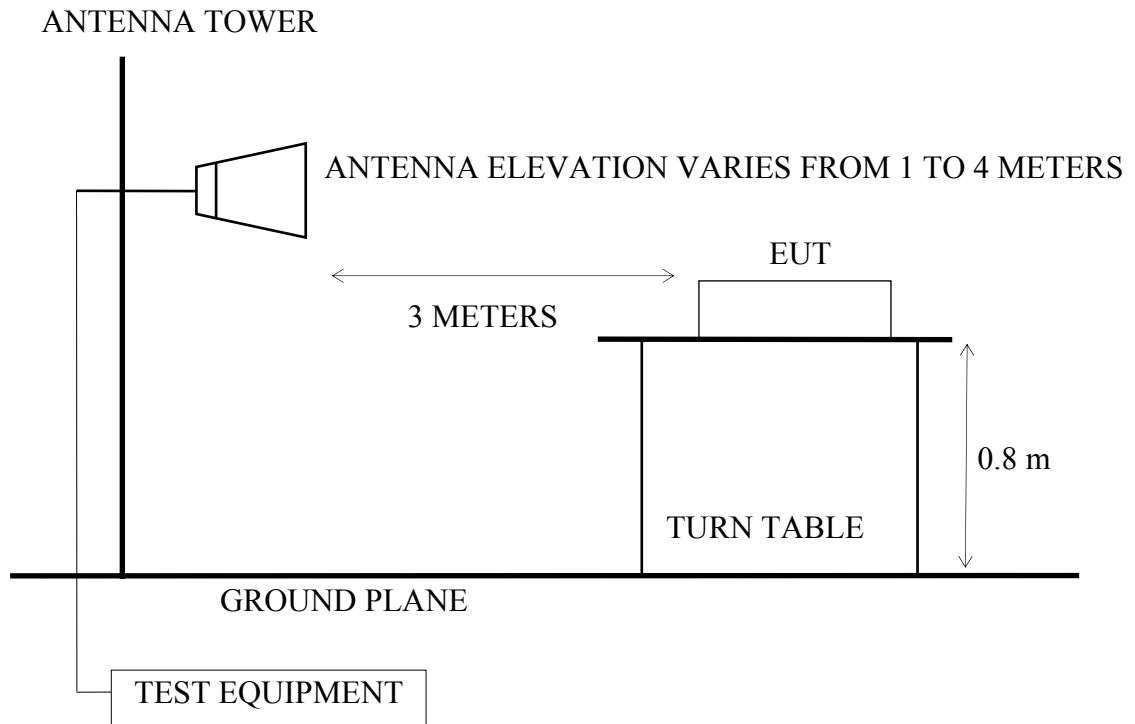
3.2.3. Test Voltage: DC 3.7V (Via Battery)



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



3.2.5. Semi-Anechoic Chamber (3m) Setup Diagram for above 1GHz



3.3. Radiated Emission Limits (§15.209)

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMITS	
		$\mu\text{V/m}$	$\text{dB}\mu\text{V/m}$
30 ~ 88	3	100	40.0
88 ~ 216	3	150	43.5
216 ~ 960	3	200	46.0
Above 960	3	500	54.0
Above 1000	3	74.0 $\text{dB}\mu\text{V/m}$ (Peak) 54.0 $\text{dB}\mu\text{V/m}$ (Average)	

- Remark :
- (1) Emission level ($\text{dB}\mu\text{V/m}$) = $20 \log$ Emission level ($\mu\text{V/m}$)
 - (2) The tighter limit applies at the edge between two frequency bands.
 - (3) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.
 - (4) The limits in this table are based on CFR 47 Part 15.205(a)(b) and Part 15.209 (a).
 - (5) The over 1GHz limit, FCC limit is used based on CFR 47 Part 15.35 (b) and Part 15.205(b) & Part 15.209(e) and Part 15.207(c).

3.4. Operating Condition of EUT

3.4.1. Setup the EUT via notebook PC and simulator and simulator as shown on 3.2.

3.4.2. Turn on the power of all equipment.

3.4.3. The test program “adb.exe” was used to enable the EUT to transmit data at different channel frequency individually.

3.4.4. The EUT supports 802.11b/g/n-HT20/n-HT40 modes, we performed pre-scan high, middle, low channels for each mode for spurious emission and listed the worst channel of each mode in test report.

The worst channel of each mode as following:

Mode	Type of Network	Channel
1.	802.11b	CH 1
2.	802.11g	CH 1
3.	802.11n-HT20	CH 6
4.	802.11n-HT40	CH 9

3.5. Test Procedure

The EUT and its simulators were placed on a turn table which was 0.8 meter above the ground. The turn table rotated 360 degrees to determine the position of the maximum emission level. EUT was set to 3 meters away from the receiving antenna which was mounted on an antenna tower. The antenna was moved up and down between 1 to 4 meters to find out the maximum emission level. Broadband antenna such as calibrated biconical and log-periodical antenna or horn antenna were used as a receiving antenna. Both horizontal and vertical polarization of the antenna were set on measurement. In order to find the maximum emission, all of the interface cables were manipulated according to FCC ANSI C63.4-2003 regulation.

The bandwidth of the R&S Test Receiver ESCS30 was set at 120kHz. (For 30MHz to 1000MHz)

The resolution bandwidth and video bandwidth of test spectrum analyzer is 1MHz for peak detection (PK) at frequency above 1GHz.

The resolution bandwidth of test spectrum analyzer is 1MHz and the video bandwidth is 10Hz for average detection (AV) at frequency above 1GHz.

The frequency range from 30MHz to 25GHz (Up to 10th harmonics from fundamental frequency) was checked.

3.6. Radiated Emission Measurement Results

PASSED. All the emissions not reported below are too low against the official limits.

EUT : Electronic Dictionary M/N : CD-918

Test Date: Nov. 07, 2011 Temperature: 27 Humidity: 61 %

The 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 function (Battery Mode)** and with following test modes was performed during this section testing and all the test results are listed in section 3.6.1.

No.	Test Mode and Frequency			Reference Test Data No.	
				Horizontal	Vertical
1	WLAN (802.11b)	Transmitting	2412MHz (CH1)	# 1	# 2
2		Receiver	2437MHz (CH6)	# 2	# 1
3	WLAN (802.11g)	Transmitting	2412MHz (CH1)	# 2	# 1
4		Receiver	2437MHz (CH6)	# 1	# 2
5	WLAN (802.11n-HT20)	Transmitting	2437MHz (CH6)	# 1	# 2
6		Receiver	2437MHz (CH6)	# 2	# 1
7	WLAN (802.11n-HT40)	Transmitting	2452MHz (CH9)	# 2	# 1
8		Receiver	2437MHz (CH6)	# 1	# 2

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

For Frequency above 1GHz:

Test Date: Nov. 07, 2011 Temperature: 27 Humidity: 61 %

The EUT with following test modes was performed during this section testing and all the test results are listed in section 3.6.2.

No.	Test Mode and Frequency			Test Frequency Range
1.	WLAN (802.11b)	Transmitting	2412MHz (CH1)	1000-2680MHz*
2.				2680-4000MHz
3.				4000-5500MHz*
4.				5500-7000MHz
5.				7000-18000MHz
6.				18000-25000MHz
7.		Receiver	2437MHz (CH6)	1000-2680MHz*
8.				2680-4000MHz
9.				4000-5500MHz
10.				5500-18000MHz
11.				18000-25000MHz

No.	Test Mode and Frequency			Test Frequency Range
12.	WLAN (802.11g)	Transmitting	2412MHz (CH1)	1000-2680MHz*
13.				2680-4000MHz
14.				4000-5500MHz
15.				5500-18000MHz
16.				18000-25000MHz
17.		Receiver	2437MHz (CH6)	1000-2680MHz*
18.				2680-4000MHz
19.				4000-5500MHz
20.				5500-18000MHz
21.				18000-25000MHz
22.	WLAN (802.11n-HT20)	Transmitting	2437MHz (CH6)	1000-2680MHz*
23.				2680-4000MHz
24.				4000-5500MHz
25.				5500-18000MHz
26.				18000-25000MHz
27.		Receiver	2437MHz (CH6)	1000-2680MHz*
28.				2680-4000MHz
29.				4000-5500MHz
30.				5500-18000MHz
31.				18000-25000MHz
32.	WLAN (802.11n-HT40)	Transmitting	2452MHz (CH9)	1000-2680MHz*
33.				2680-4000MHz
34.				4000-5500MHz
35.				5500-18000MHz
36.				18000-25000MHz
37.		Receiver	2437MHz (CH6)	1000-2680MHz*
38.				2680-4000MHz
39.				4000-5500MHz
40.				5500-18000MHz
41.				18000-25000MHz

Remark 1 : The emissions level were too low against the official limit and not report.

Remark 2 : "*" means there is spurious emission falling the frequency band and be measures.

For Restricted Bands:

Test Date: Nov. 07, 2011 Temperature: 27 Humidity: 61 %

The EUT with following test modes was performed during this section testing and all the test results are listed in section 3.6.3.

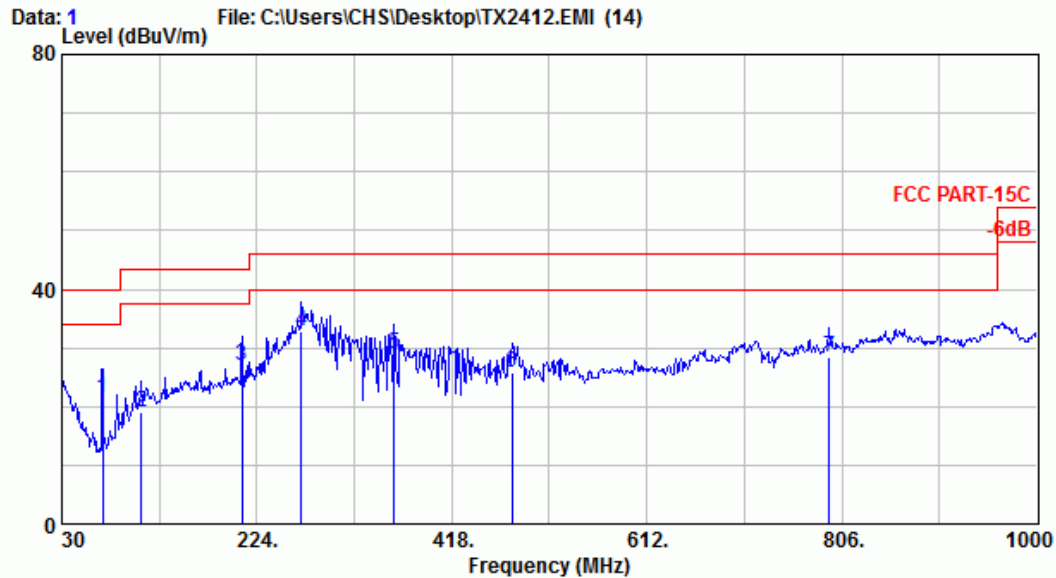
(The restricted bands defined in RSS-210, Table 1)

No.	Test Mode and Frequency			Frequency Range
1.	WLAN (802.11b)	Transmitting	2412MHz (CH1)	2310-2450MHz
2.		Transmitting	2462MHz (CH11)	2430-2530MHz
3.	WLAN (802.11g)	Transmitting	2412MHz (CH1)	2310-2450MHz
4.		Transmitting	2462MHz (CH11)	2430-2530MHz
5.	WLAN (802.11n-HT20)	Transmitting	2412MHz (CH1)	2310-2450MHz
6.		Transmitting	2462MHz (CH11)	2430-2530MHz
7.	WLAN (802.11n-HT40)	Transmitting	2422MHz (CH3)	2310-2450MHz
8.		Transmitting	2452MHz (CH9)	2430-2530MHz

3.6.1. Frequency Range 30MHz-1000MHz Measurement Result



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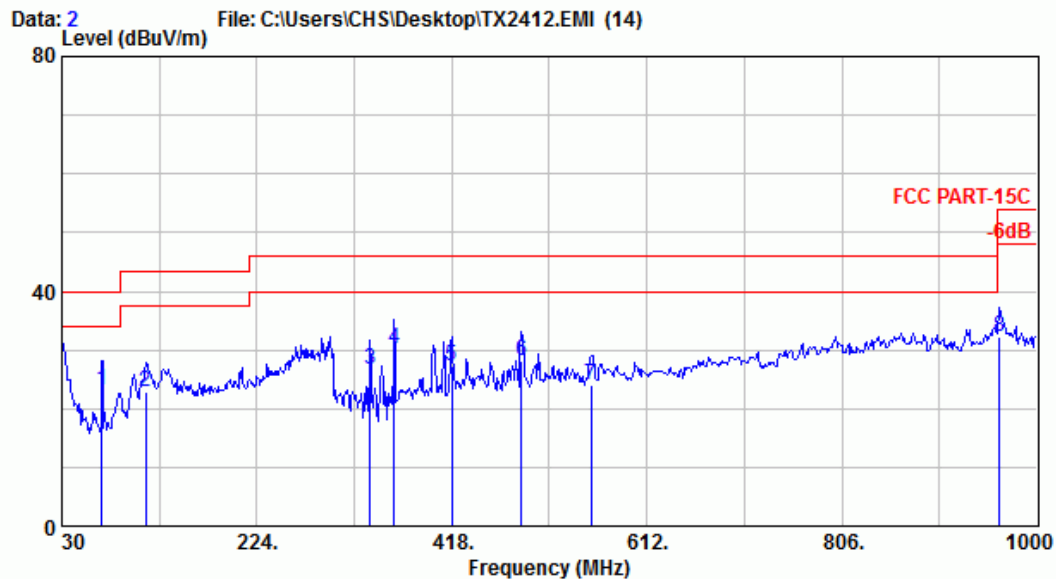
Site no. : A/C Chamber Data no. : 1
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : E4446A 27°C/61% Jarwei Wang
 EUT : CD-918
 Power Rating : AC120/60Hz
 Test Mode : RX2437 (802.11b)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	70.740	12.16	1.72	7.64	21.52	40.00	18.48	QP
2	109.540	18.13	2.20	-1.14	19.19	43.50	24.31	QP
3	209.450	21.81	3.16	2.05	27.01	43.50	16.49	QP
4	268.620	24.86	3.70	4.30	32.86	46.00	13.14	QP
5	360.770	16.24	4.43	8.29	28.96	46.00	17.04	QP
6	478.140	18.61	6.00	1.13	25.74	46.00	20.26	QP
7	793.390	23.98	6.90	-2.60	28.28	46.00	17.72	QP

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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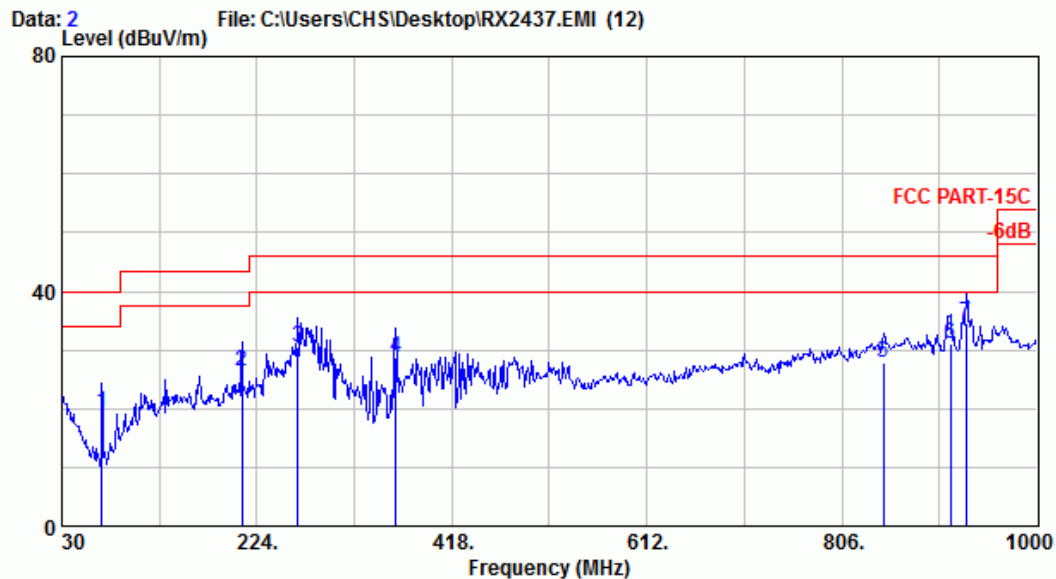
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 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : E4446A 27°C/61% Jarwei Wang
 EUT : CD-918
 Power Rating : AC120/60Hz
 Test Mode : RX2437 (802.11b)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	69.770	12.03	1.70	9.33	23.06	40.00	16.94	QP
2	113.420	18.47	2.26	2.22	22.95	43.50	20.55	QP
3	336.520	15.08	4.20	7.41	26.70	46.00	19.30	QP
4	360.770	16.24	4.43	9.61	30.28	46.00	15.72	QP
5	418.000	16.93	5.04	5.37	27.34	46.00	18.66	QP
6	486.870	18.67	6.20	3.27	28.14	46.00	17.86	QP
7	556.710	19.67	6.76	-2.37	24.07	46.00	21.93	QP
8	963.140	26.63	7.60	-2.06	32.17	54.00	21.83	QP

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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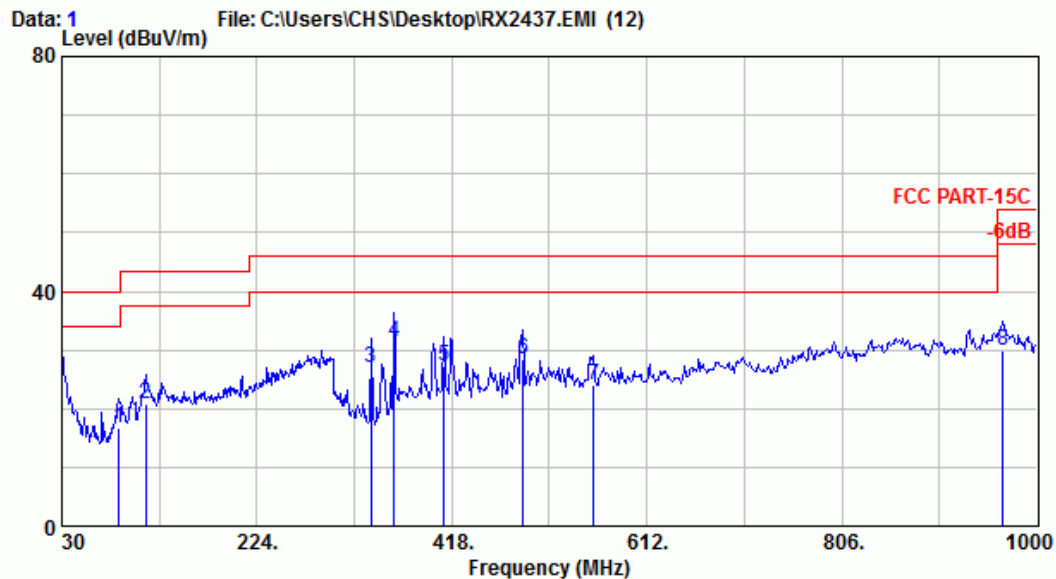
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 Limit : FCC PART-15C
 Env. / Ins. : E4446A 27°C/61% Jarwei Wang
 EUT : CD-918
 Power Rating : AC120/60Hz
 Test Mode : RX2437 (802.11b)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	69.770	12.03	1.70	5.72	19.45	40.00	20.55	QP
2	209.450	21.81	3.16	1.29	26.25	43.50	17.25	QP
3	264.740	24.62	3.70	2.09	30.41	46.00	15.59	QP
4	362.710	16.38	4.50	7.84	28.72	46.00	17.28	QP
5	847.710	25.43	7.10	-4.81	27.72	46.00	18.28	QP
6	913.670	24.96	7.40	-1.42	30.94	46.00	15.06	QP
7	929.190	24.92	7.50	2.27	34.69	46.00	11.31	QP

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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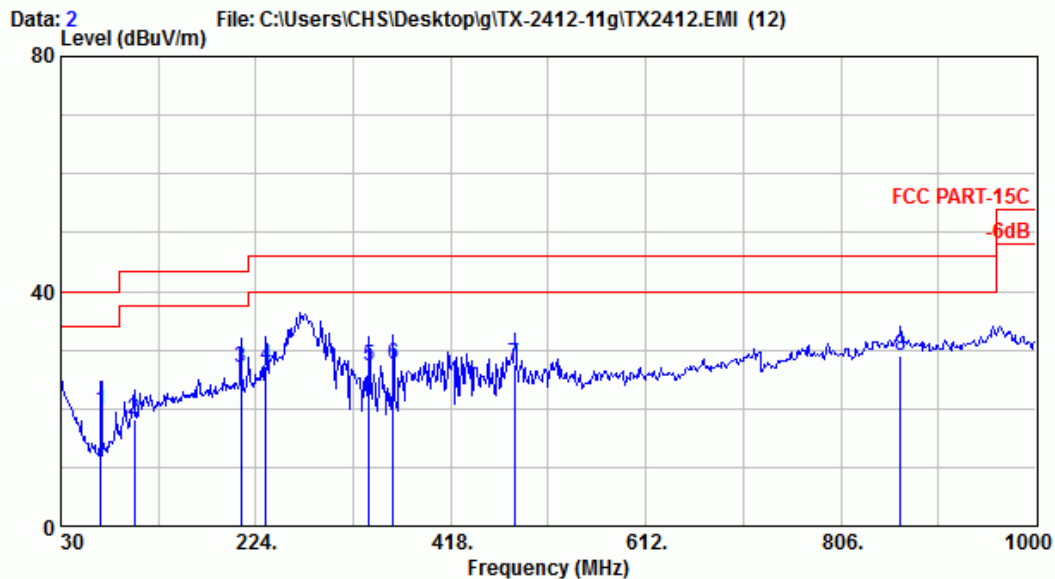
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 Limit : FCC PART-15C
 Env. / Ins. : E4446A 27°C/61% Jarwei Wang
 EUT : CD-918
 Power Rating : AC120/60Hz
 Test Mode : RX2437 (802.11b)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	87.230	15.21	2.00	-0.63	16.58	40.00	23.42	QP
2	113.420	18.47	2.26	0.03	20.76	43.50	22.74	QP
3	337.490	15.09	4.20	7.68	26.97	46.00	19.03	QP
4	360.770	16.24	4.43	10.70	31.37	46.00	14.63	QP
5	410.240	17.18	4.90	5.07	27.15	46.00	18.85	QP
6	488.810	18.59	6.24	3.47	28.29	46.00	17.71	QP
7	558.650	19.89	6.70	-2.58	24.00	46.00	22.00	QP
8	966.050	26.89	7.70	-4.81	29.78	54.00	24.22	QP

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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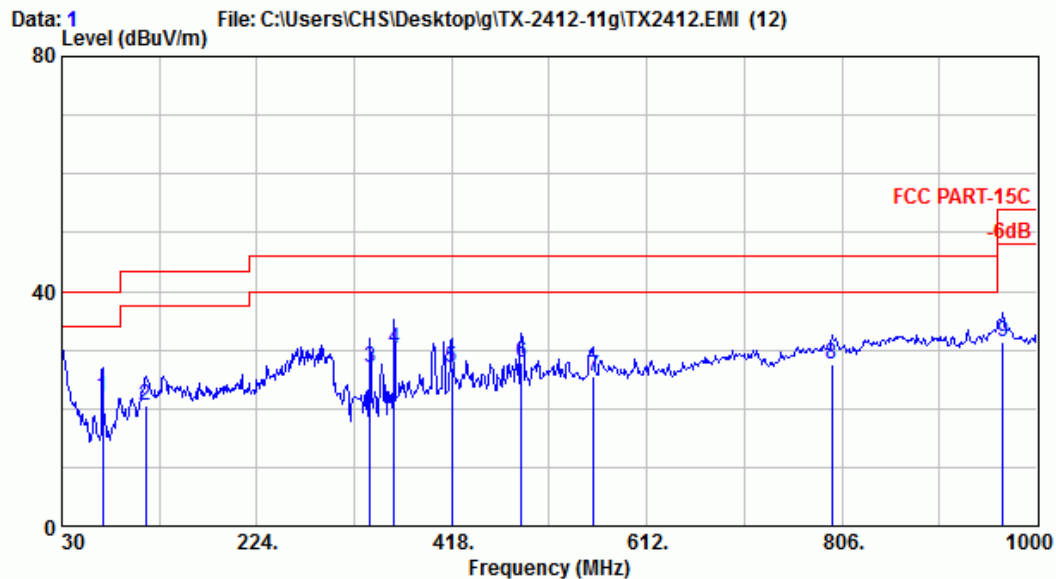
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 Limit : FCC PART-15C
 Env. / Ins. : E4446A 27°C/61% Jarwei Wang
 EUT : CD-918
 Power Rating : AC120/60Hz
 Test Mode : TX2412 (802.11g)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	69.770	12.03	1.70	5.91	19.64	40.00	20.36	QP
2	102.750	17.40	2.10	-1.25	18.25	43.50	25.25	QP
3	209.450	21.81	3.16	2.11	27.08	43.50	16.42	QP
4	233.700	22.46	3.38	1.35	27.19	46.00	18.81	QP
5	336.520	15.08	4.20	7.89	27.18	46.00	18.82	QP
6	360.770	16.24	4.43	6.97	27.64	46.00	18.36	QP
7	481.050	18.74	6.10	2.85	27.69	46.00	18.31	QP
8	865.170	26.00	7.20	-4.09	29.11	46.00	16.89	QP

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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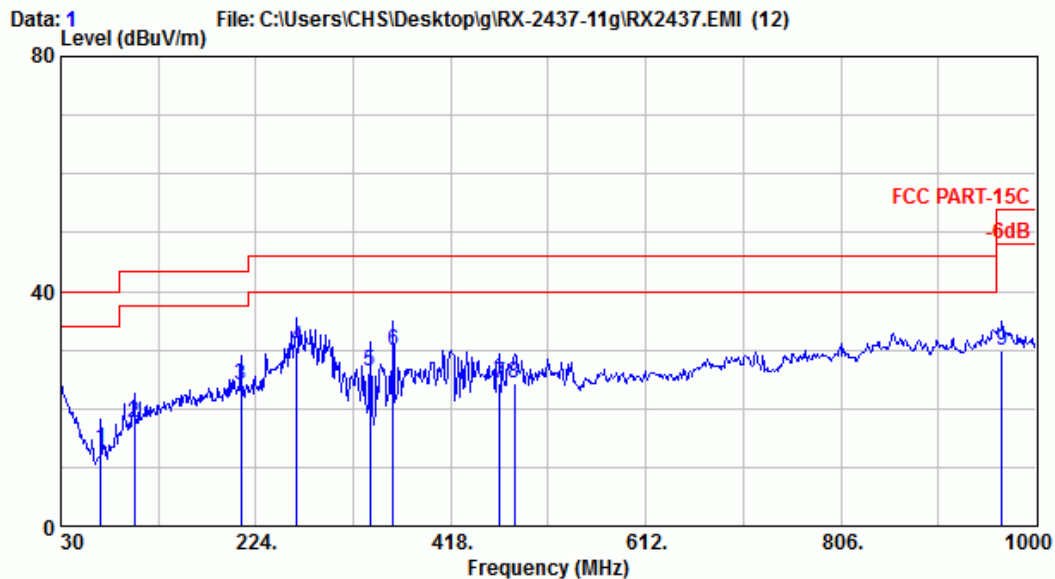
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 Limit : FCC PART-15C
 Env. / Ins. : E4446A 27°C/61% Jarwei Wang
 EUT : CD-918
 Power Rating : AC120/60Hz
 Test Mode : TX2412 (802.11g)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	70.740	12.16	1.72	7.98	21.86	40.00	18.14	QP
2	113.420	18.47	2.26	-0.18	20.55	43.50	22.95	QP
3	336.520	15.08	4.20	7.64	26.93	46.00	19.07	QP
4	360.770	16.24	4.43	9.54	30.21	46.00	15.79	QP
5	418.000	16.93	5.04	4.96	26.93	46.00	19.07	QP
6	486.870	18.67	6.20	2.83	27.70	46.00	18.30	QP
7	558.650	19.89	6.70	-1.04	25.54	46.00	20.46	QP
8	796.300	24.04	6.90	-3.53	27.41	46.00	18.59	QP
9	966.050	26.89	7.70	-3.11	31.48	54.00	22.52	QP

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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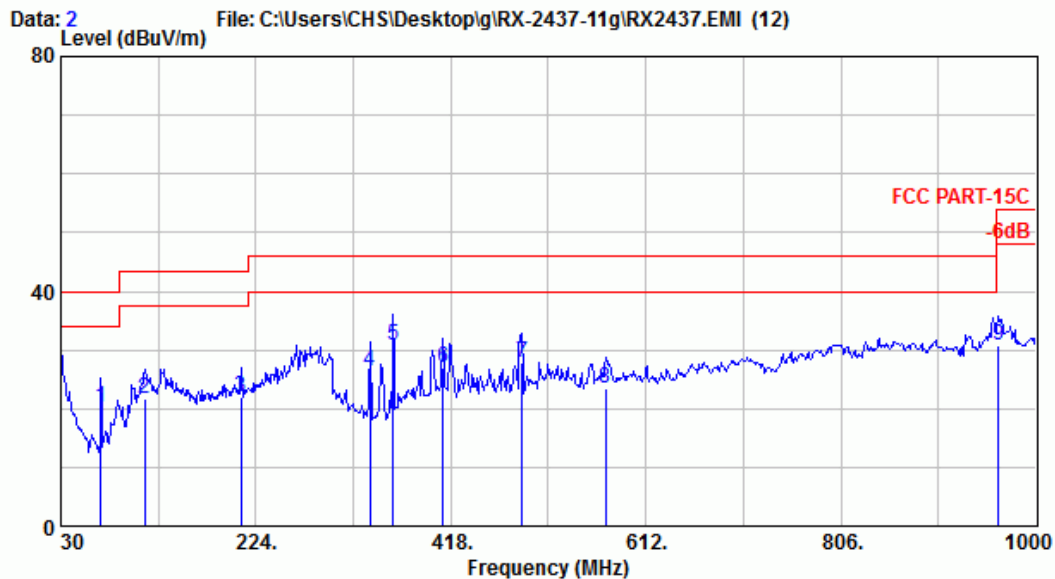
Site no. : A/C Chamber Data no. : 1
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C
 Env. / Ins. : E4446A 27°C/61% Jarwei Wang
 EUT : CD-918
 Power Rating : AC120/60Hz
 Test Mode : RX2437 (802.11g)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	69.770	12.03	1.70	-0.47	13.26	40.00	26.74	QP
2	102.750	17.40	2.10	-1.91	17.59	43.50	25.91	QP
3	209.450	21.81	3.16	-0.97	23.99	43.50	19.51	QP
4	264.740	24.62	3.70	2.02	30.34	46.00	15.66	QP
5	337.490	15.09	4.20	7.05	26.34	46.00	19.66	QP
6	360.770	16.24	4.43	9.09	29.76	46.00	16.24	QP
7	466.500	18.18	5.80	0.44	24.42	46.00	21.58	QP
8	481.050	18.74	6.10	-0.43	24.41	46.00	21.59	QP
9	966.050	26.89	7.70	-4.59	30.00	54.00	24.00	QP

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. : 2
Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
Limit : FCC PART-15C
Env. / Ins. : E4446A 27°C/61% Jarwei Wang
EUT : CD-918
Power Rating : AC120/60Hz
Test Mode : RX2437 (802.11g)

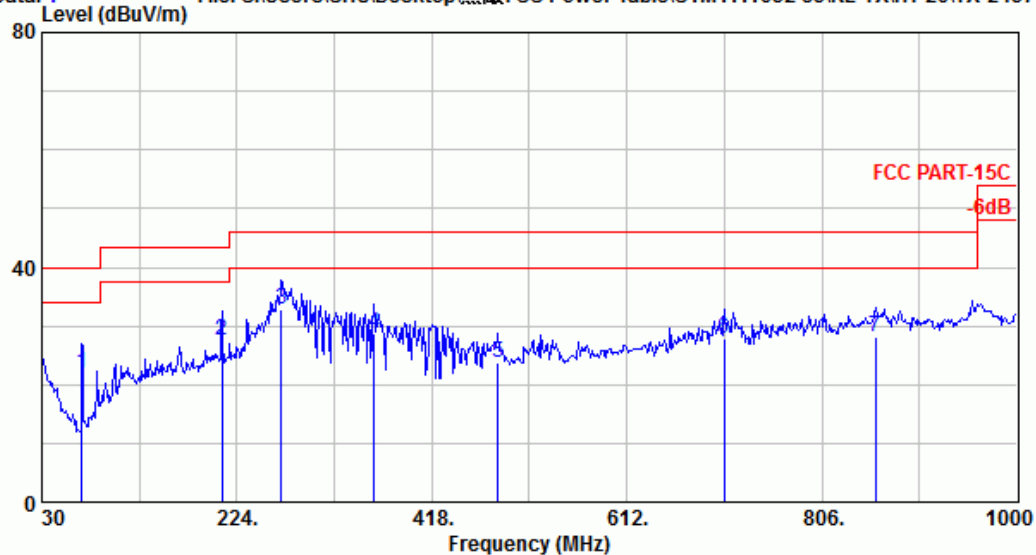
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	69.770	12.03	1.70	6.39	20.12	40.00	19.88	QP
2	113.420	18.47	2.26	0.99	21.72	43.50	21.78	QP
3	209.450	21.81	3.16	-2.92	22.04	43.50	21.46	QP
4	337.490	15.09	4.20	7.03	26.32	46.00	19.68	QP
5	360.770	16.24	4.43	10.24	30.91	46.00	15.09	QP
6	410.240	17.18	4.90	5.00	27.08	46.00	18.92	QP
7	488.810	18.59	6.24	3.03	27.85	46.00	18.15	QP
8	572.230	21.12	6.50	-4.04	23.58	46.00	22.42	QP
9	963.140	26.63	7.60	-3.45	30.78	54.00	23.22	QP

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: 1 File: C:\Users\CHS\Desktop\無敵FCC Power Table\C1M1111032 e3\RE-TX\HT-20\TX-2437-



Site no. : A/C Chamber Data no. : 1
Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
Limit : FCC PART-15C
Env. / Ins. : E4446A 27°C/61% Jarwei Wang
EUT : CD-918
Power Rating : AC120/60Hz
Test Mode : TX2437 (802.11n HT-20)

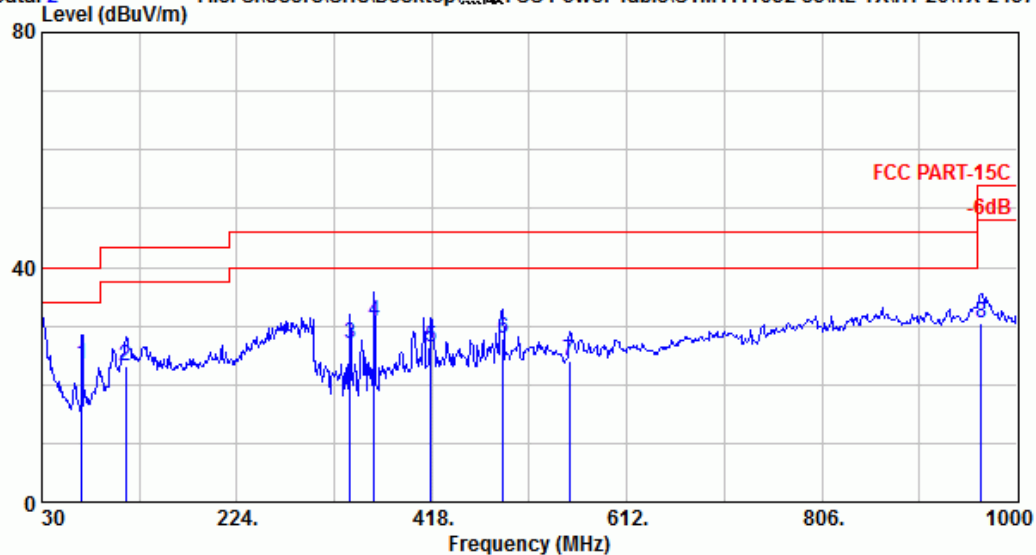
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	69.770	12.03	1.70	8.13	21.86	40.00	18.14	QP
2	209.450	21.81	3.16	2.68	27.64	43.50	15.86	QP
3	268.620	24.86	3.70	4.14	32.70	46.00	13.30	QP
4	360.770	16.24	4.43	8.15	28.82	46.00	17.18	QP
5	483.960	18.84	6.14	-1.21	23.77	46.00	22.23	QP
6	709.000	23.54	6.60	-2.31	27.84	46.00	18.16	QP
7	859.350	26.01	7.20	-5.17	28.03	46.00	17.97	QP

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: 2 File: C:\Users\CHS\Desktop\無敵FCC Power Table\C1M1111032 e3\RE-TX\HT-20\TX-2437-



Site no. : A/C Chamber Data no. : 2
Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
Limit : FCC PART-15C
Env. / Ins. : E4446A 27°C/61% Jarwei Wang
EUT : CD-918
Power Rating : AC120/60Hz
Test Mode : TX2437 (802.11n HT-20)

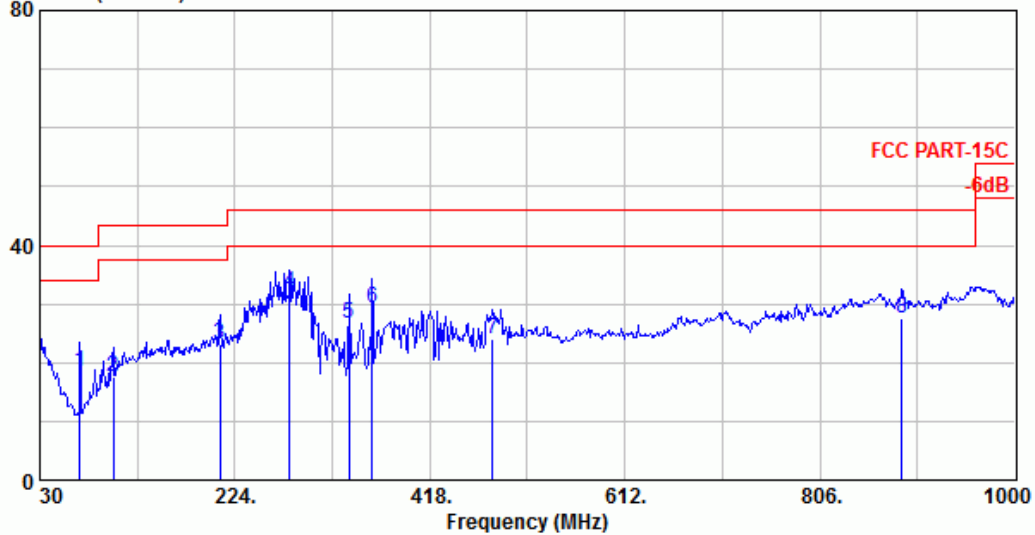
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	69.770	12.03	1.70	9.77	23.50	40.00	16.50	QP
2	113.420	18.47	2.26	2.29	23.02	43.50	20.48	QP
3	336.520	15.08	4.20	7.73	27.02	46.00	18.98	QP
4	360.770	16.24	4.43	10.03	30.70	46.00	15.30	QP
5	417.030	16.95	5.08	4.31	26.33	46.00	19.67	QP
6	488.810	18.59	6.24	2.87	27.69	46.00	18.31	QP
7	554.770	19.46	6.80	-2.22	24.04	46.00	21.96	QP
8	964.110	26.80	7.60	-4.04	30.36	54.00	23.64	QP

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: 2 File: C:\Users\CHS\Desktop\無敵FCC Power Table\C1M1111032 e3\RE-TX\HT-20\RX-2437-
Level (dBuV/m)



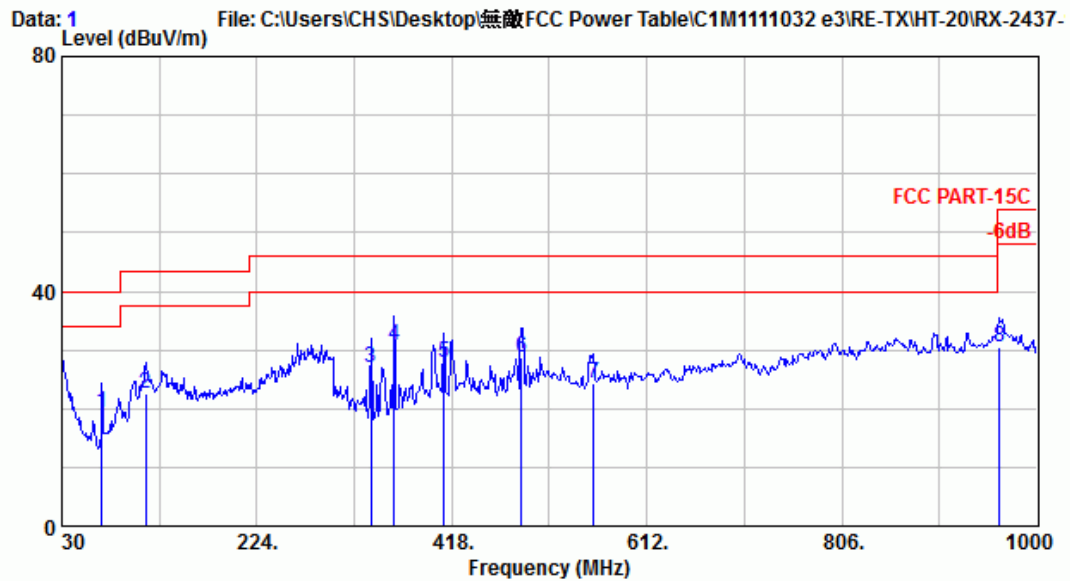
Site no. : A/C Chamber Data no. : 2
Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
Limit : FCC PART-15C
Env. / Ins. : E4446A 27°C/61% Jarwei Wang
EUT : CD-918
Power Rating : AC120/60Hz
Test Mode : RX2437 (802.11n HT-20)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	69.770	12.03	1.70	4.70	18.43	40.00	21.57	QP
2	102.750	17.40	2.10	-1.86	17.64	43.50	25.86	QP
3	209.450	21.81	3.16	-1.92	23.04	43.50	20.46	QP
4	278.320	25.25	3.80	2.84	31.89	46.00	14.11	QP
5	337.490	15.09	4.20	7.38	26.67	46.00	19.33	QP
6	360.770	16.24	4.43	8.62	29.29	46.00	16.71	QP
7	480.080	18.68	6.05	-0.79	23.94	46.00	22.06	QP
8	887.480	25.16	7.30	-4.88	27.58	46.00	18.42	QP

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. : 1
 Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
 Limit : FCC PART-15C
 Env. / Ins. : E4446A 27°C/61% Jarwei Wang
 EUT : CD-918
 Power Rating : AC120/60Hz
 Test Mode : RX2437 (802.11n HT-20)

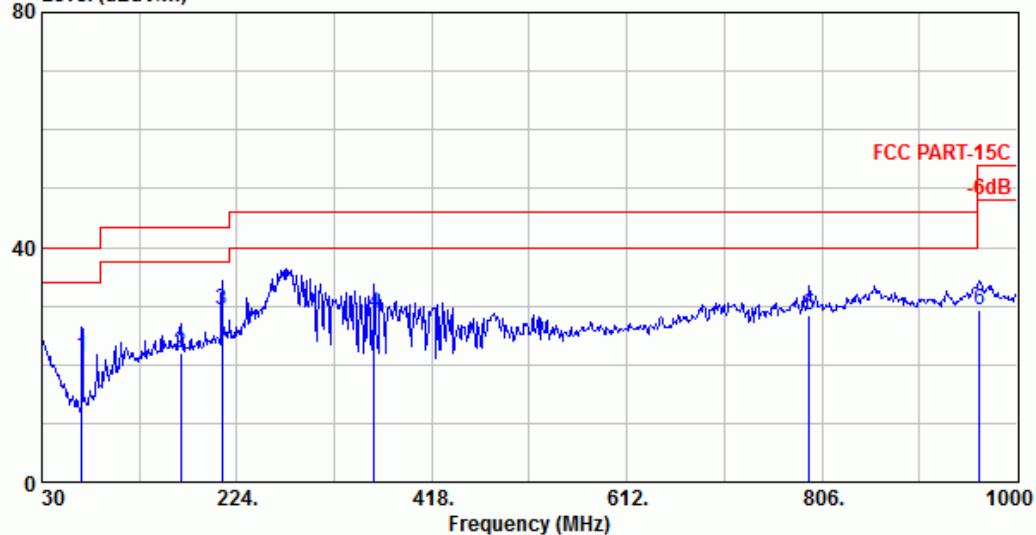
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	69.770	12.03	1.70	5.53	19.26	40.00	20.74	QP
2	113.420	18.47	2.26	1.98	22.71	43.50	20.79	QP
3	337.490	15.09	4.20	7.70	26.99	46.00	19.01	QP
4	360.770	16.24	4.43	10.12	30.79	46.00	15.21	QP
5	410.240	17.18	4.90	5.83	27.91	46.00	18.09	QP
6	486.870	18.67	6.20	3.94	28.81	46.00	17.19	QP
7	558.650	19.89	6.70	-2.30	24.28	46.00	21.72	QP
8	963.140	26.63	7.60	-3.75	30.48	54.00	23.52	QP

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: 2 File: C:\Users\CHS\Desktop\無敵FCC Power Table\C1M1111032 e3\RE-TX\HT-40\TX-2452-
Level (dBuV/m)



Site no. : A/C Chamber Data no. : 2
Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
Limit : FCC PART-15C
Env. / Ins. : E4446A 27°C/61% Jarwei Wang
EUT : CD-918
Power Rating : AC120/60Hz
Test Mode : TX2452 (802.11n HT-40)

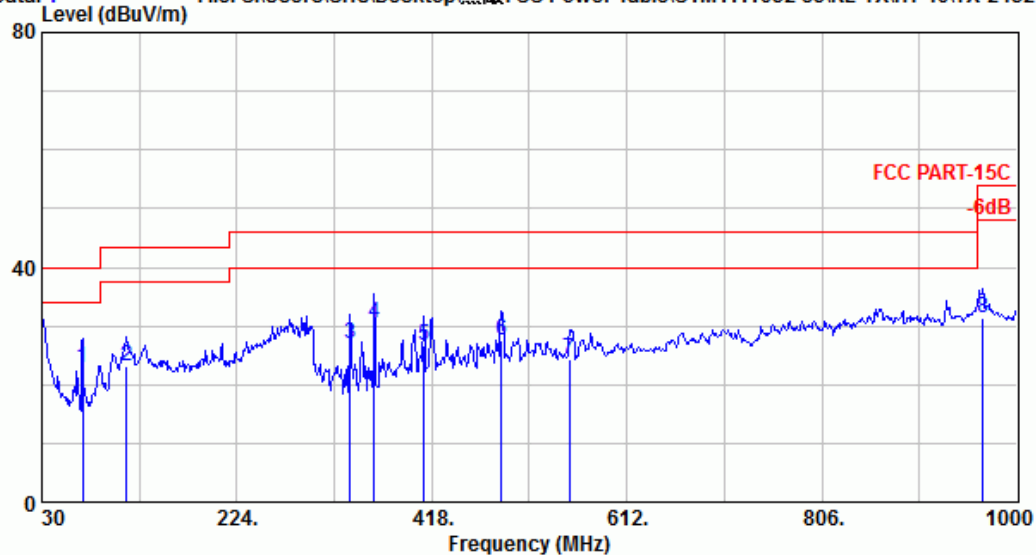
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	69.770	12.03	1.70	7.78	21.51	40.00	18.49	QP
2	167.740	20.97	2.70	-1.70	21.98	43.50	21.52	QP
3	209.450	21.81	3.16	4.44	29.40	43.50	14.10	QP
4	360.770	16.24	4.43	8.12	28.79	46.00	17.21	QP
5	793.390	23.98	6.90	-2.60	28.28	46.00	17.72	QP
6	963.140	26.63	7.60	-4.98	29.25	54.00	24.75	QP

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: 1 File: C:\Users\CHS\Desktop\無敵FCC Power Table\C1M1111032 e3\RE-TX\HT-40\TX-2452-



Site no. : A/C Chamber Data no. : 1
Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
Limit : FCC PART-15C
Env. / Ins. : E4446A 27°C/61% Jarwei Wang
EUT : CD-918
Power Rating : AC120/60Hz
Test Mode : TX2452 (802.11n HT-40)

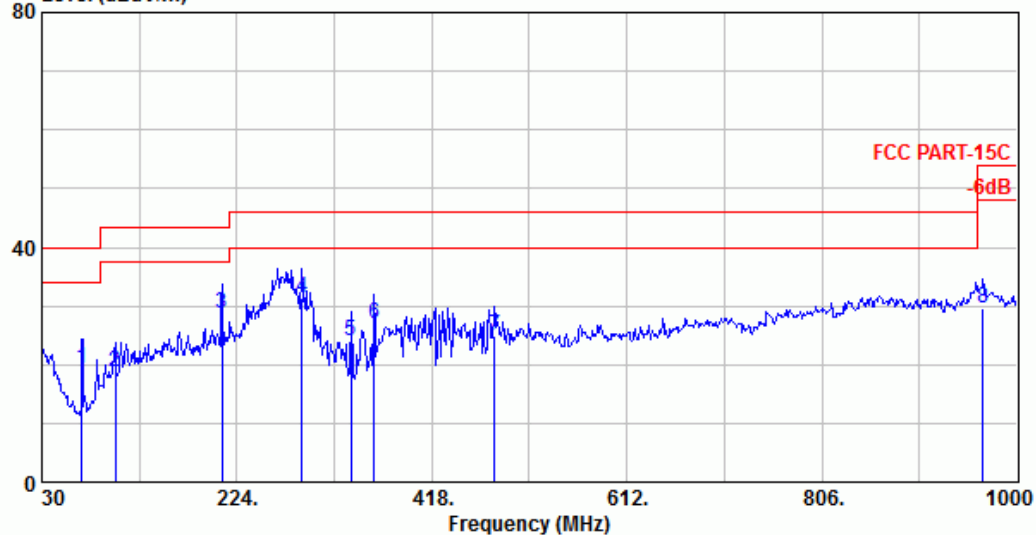
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	70.740	12.16	1.72	8.95	22.83	40.00	17.17	QP
2	114.390	18.60	2.30	2.11	23.01	43.50	20.49	QP
3	336.520	15.08	4.20	7.76	27.05	46.00	18.95	QP
4	360.770	16.24	4.43	9.75	30.42	46.00	15.58	QP
5	410.240	17.18	4.90	4.49	26.57	46.00	19.43	QP
6	486.870	18.67	6.20	2.74	27.61	46.00	18.39	QP
7	554.770	19.46	6.80	-2.00	24.26	46.00	21.74	QP
8	966.050	26.89	7.70	-3.21	31.38	54.00	22.62	QP

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: 1 File: C:\Users\CHS\Desktop\無敵FCC Power Table\C1M1111032 e3\RE-TX\HT-40\RX-2437-
Level (dBuV/m)



Site no. : A/C Chamber Data no. : 1
Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : HORIZONTAL
Limit : FCC PART-15C
Env. / Ins. : E4446A 27°C/61% Jarwei Wang
EUT : CD-918
Power Rating : AC120/60Hz
Test Mode : RX2437 (802.11n HT-40)

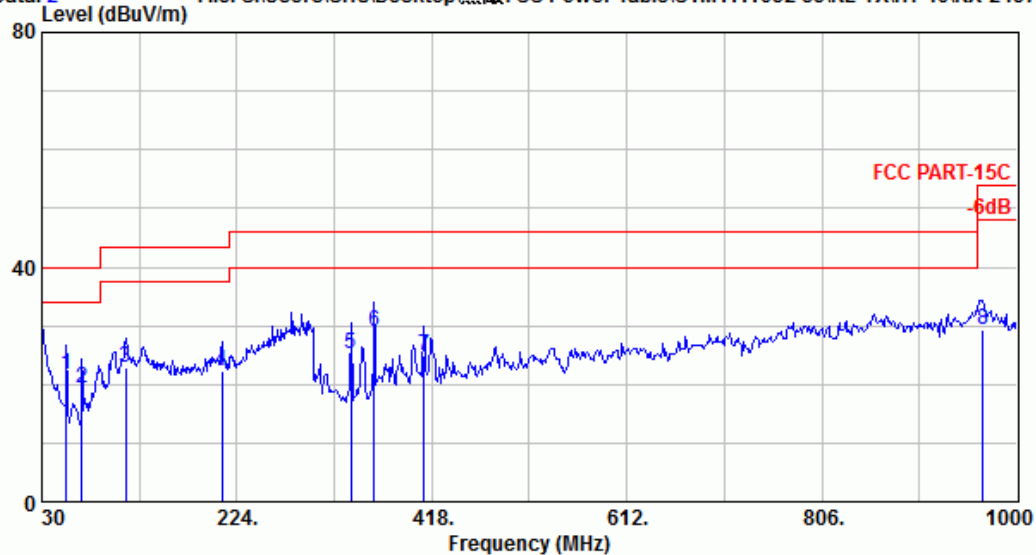
	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	69.770	12.03	1.70	5.68	19.41	40.00	20.59	QP
2	102.750	17.40	2.10	-0.77	18.73	43.50	24.77	QP
3	209.450	21.81	3.16	3.71	28.68	43.50	14.82	QP
4	288.990	25.97	3.80	1.44	31.21	46.00	14.79	QP
5	337.490	15.09	4.20	4.79	24.08	46.00	21.92	QP
6	360.770	16.24	4.43	6.23	26.90	46.00	19.10	QP
7	480.080	18.68	6.05	0.05	24.78	46.00	21.22	QP
8	966.050	26.89	7.70	-5.02	29.57	54.00	24.43	QP

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: 2 File: C:\Users\CHS\Desktop\無敵FCC Power Table\C1M1111032 e3\RE-TX\HT-40\RX-2437-



Site no. : A/C Chamber Data no. : 2
Dis. / Ant. : 3m VBA6106A/UHALP9108A Ant. pol. : VERTICAL
Limit : FCC PART-15C
Env. / Ins. : E4446A 27°C/61% Jarwei Wang
EUT : CD-918
Power Rating : AC120/60Hz
Test Mode : RX2437 (802.11n HT-40)

	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1	54.250	14.79	1.50	5.28	21.57	40.00	18.43	QP
2	69.770	12.03	1.70	5.72	19.45	40.00	20.55	QP
3	113.420	18.47	2.26	2.16	22.90	43.50	20.61	QP
4	209.450	21.81	3.16	-2.81	22.15	43.50	21.35	QP
5	337.490	15.09	4.20	6.04	25.33	46.00	20.67	QP
6	360.770	16.24	4.43	8.41	29.08	46.00	16.92	QP
7	410.240	17.18	4.90	2.85	24.93	46.00	21.07	QP
8	966.050	26.89	7.70	-5.28	29.32	54.00	24.68	QP

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. Frequency Range Above 1GHz Measurement Results

3.6.2.1. WLAN (802.11b)

Date of Test : Nov. 07, 2011 Temperature : 26

EUT : Electronic Dictionary Humidity : 58%

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

Horizontal

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
1023.520	24.35	4.23	13.59	42.17	54.00	11.83
1199.920	24.88	4.59	17.04	46.51	54.00	7.49
1297.360	25.12	4.83	12.22	42.17	54.00	11.83
1356.160	25.31	5.01	12.54	42.87	54.00	11.13
1414.960	25.46	5.18	13.92	44.56	54.00	9.44
1473.760	25.65	5.34	13.61	44.61	54.00	9.39
1603.120	26.10	6.18	16.14	48.42	54.00	5.58
1683.760	26.43	6.73	10.06	43.22	54.00	10.78
2086.960	27.79	5.97	8.35	42.11	54.00	11.89
2506.960	28.26	6.48	11.34	46.08	54.00	7.92
4904.500	33.13	9.16	6.85	49.14	54.00	4.86

Vertical

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
1112.560	24.64	4.42	15.12	44.17	54.00	9.83
1199.920	24.88	4.59	19.08	48.55	54.00	5.45
1275.520	25.07	4.75	18.01	47.83	54.00	6.17
1423.360	25.51	5.21	17.94	48.66	54.00	5.34
1594.720	26.10	6.12	16.25	48.47	54.00	5.53
1683.760	26.43	6.73	11.19	44.35	54.00	9.65
1997.920	27.70	5.89	10.87	44.46	54.00	9.54
2342.320	28.04	6.28	10.33	44.66	54.00	9.34
2506.960	28.26	6.48	10.65	45.39	54.00	8.61
4906.000	33.13	9.16	9.77	52.06	54.00	1.94

- Remark:
1. All final readings of measurement were with Peak values.
 2. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 3. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Nov. 07, 2011 Temperature : 26

EUT : Electronic Dictionary Humidity : 58%

Test Mode : Receiver Mode, Test Voltage : AC 120V, 60Hz
Frequency: 2437MHz (CH6)

Horizontal

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
1090.720	24.54	4.37	13.18	42.09	54.00	11.91
1154.560	24.73	4.50	12.64	41.87	54.00	12.13
1199.920	24.88	4.59	17.70	47.17	54.00	6.83
1241.920	24.98	4.66	15.46	45.09	54.00	8.91
1288.960	25.12	4.80	11.80	41.72	54.00	12.28
1372.960	25.36	5.06	11.11	41.53	54.00	12.47
1418.320	25.51	5.20	10.22	40.93	54.00	13.07
1524.160	25.83	5.61	12.64	44.09	54.00	9.91
1599.760	26.10	6.14	11.89	44.13	54.00	9.87

Vertical

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
1073.920	24.49	4.34	10.27	39.10	54.00	14.90
1196.560	24.88	4.58	12.92	42.38	54.00	11.62
1267.120	25.07	4.73	9.52	39.32	54.00	14.68
1372.960	25.36	5.06	9.10	39.52	54.00	14.48
1409.920	25.46	5.17	9.90	40.53	54.00	13.47
1423.360	25.51	5.21	13.15	43.87	54.00	10.13
1490.560	25.70	5.40	9.26	40.35	54.00	13.65
1594.720	26.10	6.12	10.91	43.13	54.00	10.87
1678.720	26.43	6.69	9.18	42.30	54.00	11.70

- Remark:
1. All final readings of measurement were with Peak values.
 2. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 3. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

3.6.2.2. WLAN (802.11g)

Date of Test : Nov. 07, 2011 Temperature : 26

EUT : Electronic Dictionary Humidity : 58%

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

Horizontal

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
1090.720	24.54	4.37	16.67	45.58	54.00	8.42
1199.920	24.88	4.59	17.53	47.00	54.00	7.00
1389.760	25.41	5.11	14.66	45.18	54.00	8.82
1490.560	25.70	5.40	17.18	48.27	54.00	5.73
1603.120	26.10	6.18	14.42	46.70	54.00	7.30
1683.760	26.43	6.73	11.33	44.49	54.00	9.51
2364.160	28.06	6.30	11.81	46.18	54.00	7.82

Vertical

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
1048.720	24.44	4.28	12.87	41.60	54.00	12.40
1196.560	24.88	4.58	14.62	44.08	54.00	9.92
1241.920	24.98	4.66	13.60	43.23	54.00	10.77
1384.720	25.41	5.10	14.55	45.06	54.00	8.94
1456.960	25.60	5.31	13.12	44.04	54.00	9.96
1594.720	26.10	6.12	16.11	48.33	54.00	5.67
1678.720	26.43	6.69	10.95	44.07	54.00	9.93
2364.160	28.06	6.30	16.02	50.39	54.00	3.61

- Remark:
1. All final readings of measurement were with Peak values.
 2. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 3. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Nov. 07, 2011 Temperature : 26

EUT : Electronic Dictionary Humidity : 58%

Test Mode : Receiver Mode, Test Voltage : AC 120V, 60Hz
Frequency: 2437MHz (CH6)

Horizontal

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
1124.320	24.64	4.44	11.43	40.50	54.00	13.50
1199.920	24.88	4.59	14.10	43.57	54.00	10.43
1297.360	25.12	4.83	11.74	41.69	54.00	12.31
1527.520	25.83	5.61	11.62	43.06	54.00	10.94
1599.760	26.10	6.14	15.02	47.26	54.00	6.74
1678.720	26.43	6.69	10.62	43.74	54.00	10.26
1994.560	27.70	5.91	10.19	43.80	54.00	10.20

Vertical

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
1196.560	24.88	4.58	13.13	42.59	54.00	11.41
1300.720	25.17	4.84	12.54	42.55	54.00	11.45
1389.760	25.41	5.11	10.83	41.35	54.00	12.65
1465.360	25.60	5.33	10.22	41.16	54.00	12.84
1594.720	26.10	6.12	13.02	45.24	54.00	8.76
1678.720	26.43	6.69	9.56	42.68	54.00	11.32
2443.120	28.15	6.40	9.37	43.92	54.00	10.08

- Remark: 1. All final readings of measurement were with Peak values.
 2. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 3. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

3.6.2.3. WLAN (802.11n-HT20)

Date of Test : Nov. 07, 2011 Temperature : 26

EUT : Electronic Dictionary Humidity : 58%

Test Mode : Transmitting Mode, Frequency: 2437MHz (CH6) Test Voltage : AC 120V, 60Hz

Horizontal

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
1057.120	24.44	4.31	14.38	43.13	54.00	10.87
1196.560	24.88	4.58	17.42	46.88	54.00	7.12
1288.960	25.12	4.80	13.48	43.40	54.00	10.60
1477.120	25.65	5.36	16.89	47.89	54.00	6.11
1599.760	26.10	6.14	20.26	52.50	54.00	1.50
1678.720	26.43	6.69	13.22	46.34	54.00	7.66
1994.560	27.70	5.91	11.03	44.64	54.00	9.36

Vertical

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
1073.920	24.49	4.34	13.85	42.68	54.00	11.32
1199.920	24.88	4.59	14.38	43.85	54.00	10.15
1418.320	25.51	5.20	12.63	43.34	54.00	10.66
1460.320	25.60	5.31	14.04	44.95	54.00	9.05
1599.760	26.10	6.14	14.32	46.56	54.00	7.44
1997.920	27.70	5.89	8.32	41.91	54.00	12.09

- Remark:
1. All final readings of measurement were with Peak values.
 2. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 3. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Nov. 07, 2011 Temperature : 26

EUT : Electronic Dictionary Humidity : 58%

Test Mode : Receiver Mode, Test Voltage : AC 120V, 60Hz
Frequency: 2437MHz (CH6)

Horizontal

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
1020.160	24.35	4.22	10.29	38.86	54.00	15.14
1258.720	25.02	4.70	9.47	39.20	54.00	14.80
1393.120	25.41	5.12	11.01	41.54	54.00	12.46
1418.320	25.51	5.20	12.60	43.31	54.00	10.69
1594.720	26.10	6.12	14.25	46.47	54.00	7.53
1678.720	26.43	6.69	11.04	44.16	54.00	9.84
1997.920	27.70	5.89	8.39	41.98	54.00	12.02

Vertical

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
1040.320	24.40	4.26	10.77	39.42	54.00	14.58
1199.920	24.88	4.59	9.65	39.12	54.00	14.88
1468.720	25.65	5.33	14.79	45.77	54.00	8.23
1594.720	26.10	6.12	12.22	44.44	54.00	9.56
1683.760	26.43	6.73	10.48	43.64	54.00	10.36

- Remark:
1. All final readings of measurement were with Peak values.
 2. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 3. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

3.6.2.4. WLAN (802.11n-HT40)

Date of Test : Nov. 07, 2011 Temperature : 26

EUT : Electronic Dictionary Humidity : 58%

Test Mode : Transmitting Mode, Test Voltage : AC 120V, 60Hz
Frequency: 2452MHz (CH9)

Horizontal

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
1171.360	24.78	4.53	15.53	44.84	54.00	9.16
1297.360	25.12	4.83	18.78	48.73	54.00	5.27
1473.760	25.65	5.34	14.64	45.64	54.00	8.36
1532.560	25.83	5.67	14.03	45.53	54.00	8.47
1594.720	26.10	6.12	15.60	47.82	54.00	6.18
1683.760	26.43	6.73	11.38	44.54	54.00	9.46
1997.920	27.70	5.89	9.63	43.22	54.00	10.78

Vertical

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
1199.920	24.88	4.59	12.31	41.78	54.00	12.22
1246.960	25.02	4.67	12.52	42.22	54.00	11.78
1297.360	25.12	4.83	10.80	40.75	54.00	13.25
1418.320	25.51	5.20	12.67	43.38	54.00	10.62
1498.960	25.70	5.42	14.33	45.45	54.00	8.55
1599.760	26.10	6.14	16.72	48.96	54.00	5.04
1683.760	26.43	6.73	10.41	43.57	54.00	10.43

- Remark:
1. All final readings of measurement were with Peak values.
 2. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 3. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

Date of Test : Nov. 07, 2011 Temperature : 26

EUT : Electronic Dictionary Humidity : 58%

Test Mode : Receiver Mode, Test Voltage : AC 120V, 60Hz
Frequency: 2437MHz (CH6)

Horizontal

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
1132.720	24.69	4.46	10.01	39.15	54.00	14.85
1196.560	24.88	4.58	15.67	45.13	54.00	8.87
1359.520	25.31	5.03	16.00	46.33	54.00	7.67
1393.120	25.41	5.12	14.87	45.40	54.00	8.60
1468.720	25.65	5.33	14.53	45.51	54.00	8.49
1498.960	25.70	5.42	16.24	47.36	54.00	6.64
1594.720	26.10	6.12	13.25	45.47	54.00	8.53

Vertical

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
1359.520	25.31	5.03	9.66	39.99	54.00	14.01
1443.520	25.56	5.27	11.67	42.49	54.00	11.51
1502.320	25.77	5.43	13.96	45.16	54.00	8.84
1599.760	26.10	6.14	10.24	42.48	54.00	11.52
1683.760	26.43	6.73	10.29	43.45	54.00	10.55

- Remark:
1. All final readings of measurement were with Peak values.
 2. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 3. Measurement was up to 25GHz, but the emissions level were too low against the official limit and not report.

3.6.3. Restricted Bands Measurement Results

3.6.3.1. WLAN (802.11b)

Date of Test : Nov. 07, 2011 Temperature : 26

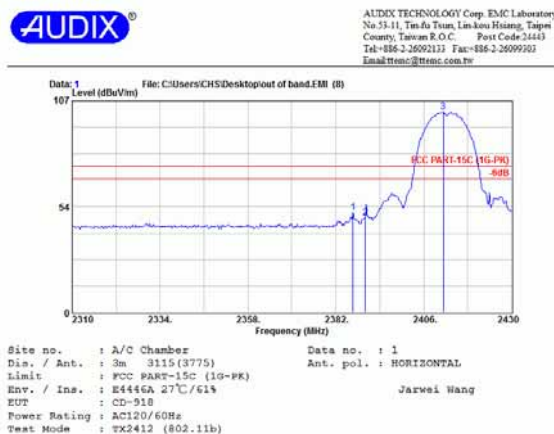
EUT : Electronic Dictionary Humidity : 58%

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

Horizontal

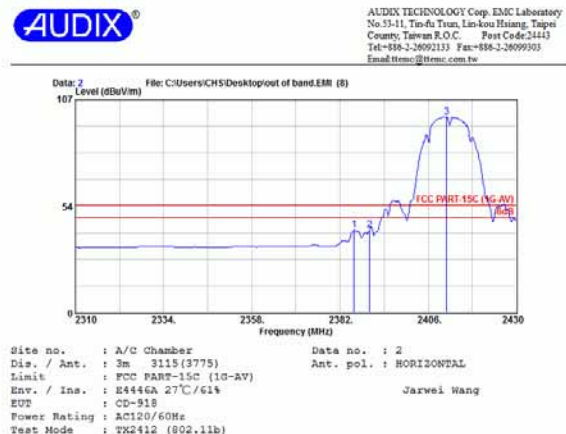
Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Peak						
* 2386.680	28.10	6.33	15.99	50.42	74.00	23.58
Average						
* 2385.840	28.10	6.33	7.04	41.47	54.00	12.53

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2310-2430MHz).
 3. ‘*’ The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2386.680	28.10	6.33	15.99	50.42	74.00	23.58	Peak
2 2390.040	28.10	6.34	13.27	47.71	74.00	26.29	Peak
3 2411.280	28.11	6.36	67.05	101.53	74.00	-27.53	Peak 8

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



Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2385.840	28.10	6.33	7.04	41.47	54.00	12.53	Average
2 2390.040	28.10	6.34	7.08	41.52	54.00	12.48	Average
3 2411.040	28.11	6.36	63.86	98.34	54.00	-44.34	Average 8

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 : Nov. 07, 2011 Temperature : 26

EUT : Electronic Dictionary Humidity : 58%

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

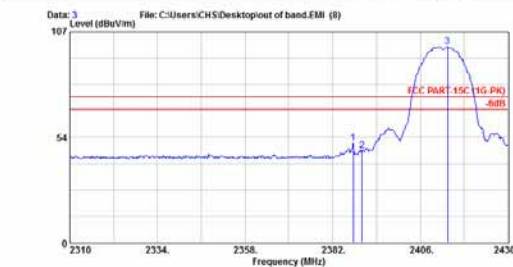
Vertical

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Peak						
* 2387.640	28.10	6.34	16.21	50.65	74.00	23.35
Average						
* 2388.840	28.10	6.34	6.83	41.27	54.00	12.73

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2310-2430MHz).
 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
 Dia. / Ant. : 3m 3115 (3775)
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : E4446A 27°C/61%
 EUT : CD-918
 Power Rating : AC120/60Hz
 Test Mode : TX2412 (802.11b)

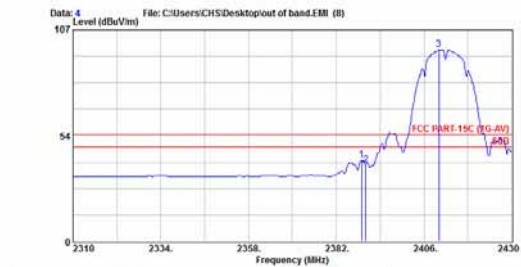
Data no. : 3
 Ant. pol. : VERTICAL
 Jarwei Wang

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2387.640	28.10	6.34	16.21	50.65	74.00	23.35	Peak
2 2390.040	28.10	6.34	12.25	46.69	74.00	27.31	Peak
3 2413.440	28.11	6.36	65.00	99.48	74.00	-25.48	Peak X

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
 Dia. / Ant. : 3m 3115 (3775)
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : E4446A 27°C/61%
 EUT : CD-918
 Power Rating : AC120/60Hz
 Test Mode : TX2412 (802.11b)

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

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2388.840	28.10	6.34	6.83	41.26	54.00	12.74	Average
2 2390.040	28.10	6.34	4.30	38.74	54.00	15.26	Average
3 2410.080	28.11	6.36	62.59	97.06	54.00	-43.06	Average 8

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 : Nov. 07, 2011 Temperature : 26

EUT : Electronic Dictionary Humidity : 58%

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

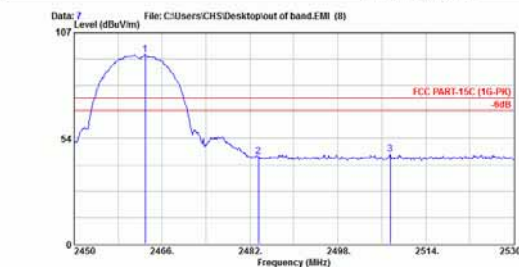
Horizontal

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Peak						
* 2483.520	28.18	6.45	9.63	44.26	74.00	29.74
Average						
* 2487.520	28.20	6.45	-0.37	34.28	54.00	19.72

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2450-2530MHz).
 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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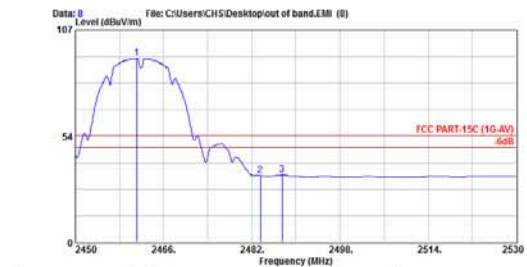
Site no. : A/C Chamber Data no. : 7
 Dia. / Ant. : 3m 3115 (3775) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : E4446A 27°C/61% Jarwei Wang
 EUT : CD-918
 Power Rating : AC120/60Hz
 Test Mode : TX2462 (802.11b)

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2462.960	28.17	6.42	61.34	55.93	74.00	-21.93	Peak X
2 2483.520	28.18	6.45	9.63	44.26	74.00	29.74	Peak
3 2507.520	28.26	6.48	10.65	45.40	74.00	28.60	Peak

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



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Site no. : A/C Chamber Data no. : 8
 Dia. / Ant. : 3m 3115 (3775) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : E4446A 27°C/61% Jarwei Wang
 EUT : CD-918
 Power Rating : AC120/60Hz
 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 2461.120	28.17	6.42	58.14	92.73	54.00	-38.73	Average #
2 2483.520	28.18	6.45	-1.08	33.55	54.00	20.45	Average
3 2487.520	28.20	6.45	-0.37	34.28	54.00	19.72	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 : Nov. 07, 2011 Temperature : 26

EUT : Electronic Dictionary Humidity : 58%

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

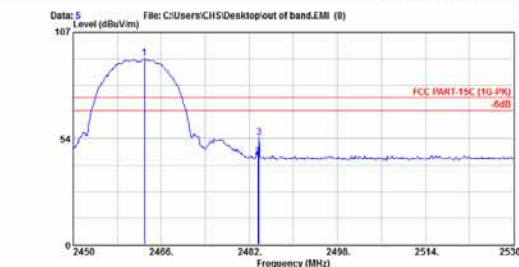
Vertical

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Peak						
* 2483.760	28.18	6.45	19.31	53.94	74.00	20.06
Average						
* 2487.760	28.20	6.45	-0.90	33.75	54.00	20.25

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2450-2530MHz).
 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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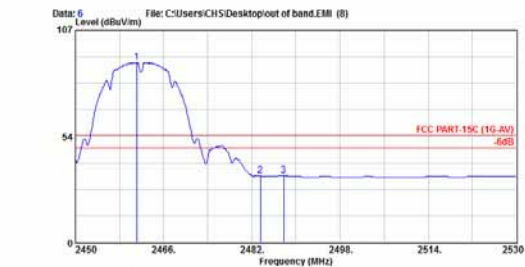
Site no. : A/C Chamber Data no. : 5
 Dis. / Ant. : 3m 3115 (3775) Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : E4446A 27°C/61% Jarwei Wang
 EUT : CD-918
 Power Rating : AC120/60Hz
 Test Mode : TX2462 (802.11b)

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2462.960	28.17	6.42	59.29	93.88	74.00	-19.88	Peak X
2 2483.520	28.18	6.45	9.50	44.21	74.00	29.79	Peak
3 2483.760	28.18	6.45	19.31	53.94	74.00	20.06	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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 Email:ttmc@ttmc.com.tw



Site no. : A/C Chamber Data no. : 6
 Dis. / Ant. : 3m 3115 (3775) Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : E4446A 27°C/61% Jarwei Wang
 EUT : CD-918
 Power Rating : AC120/60Hz
 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 2461.120	28.17	6.42	56.19	90.78	54.00	-36.78	Average #
2 2483.520	28.18	6.45	-1.05	23.58	54.00	30.42	Average
3 2483.760	28.20	6.45	-0.90	33.75	54.00	20.25	Average

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

3.6.3.2. WLAN (802.11g)

Date of Test : Nov. 07, 2011 Temperature : 26

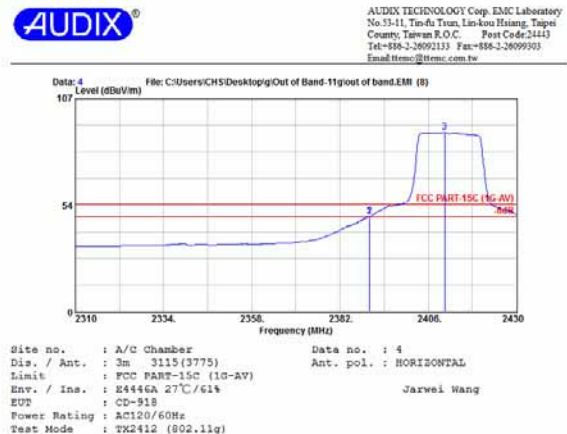
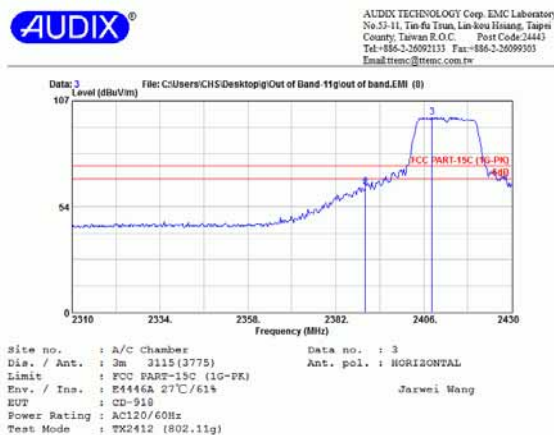
EUT : Electronic Dictionary Humidity : 58%

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

Horizontal

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Peak						
* 2389.920	28.10	6.34	28.29	62.73	74.00	11.27
Average						
* 2389.920	28.10	6.34	13.42	47.86	54.00	6.14

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2310-2430MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



Date of Test : Nov. 07, 2011 Temperature : 26

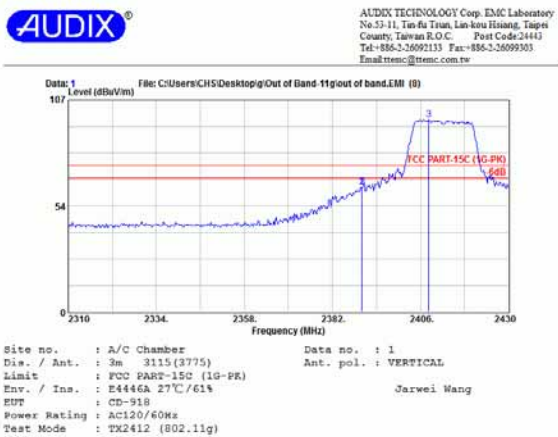
EUT : Electronic Dictionary Humidity : 58%

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

Vertical

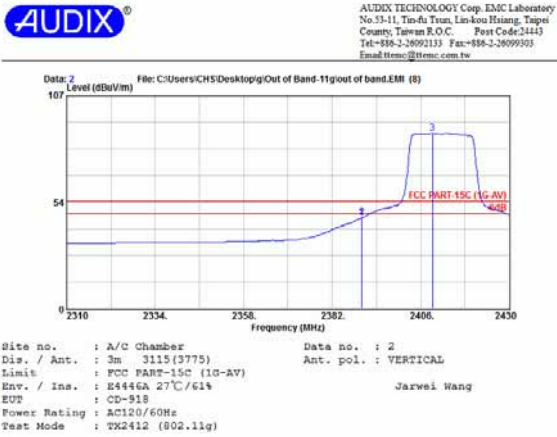
Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Peak						
* 2389.920	28.10	6.34	28.75	63.19	74.00	10.81
Average						
* 2389.920	28.10	6.34	11.15	45.59	54.00	8.41

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
2. Low frequency section (spurious in the restricted band 2310-2430MHz).
3. ‘*’ The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 2389.920	28.10	6.34	28.75	63.19	74.00	10.81	Peak
2 2390.040	28.10	6.34	28.83	63.27	74.00	10.73	Peak
3 2408.280	28.11	6.36	62.75	97.22	74.00	-23.22	Peak #

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



Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 2389.920	28.10	6.34	11.15	45.59	54.00	8.41	Average
2 2390.040	28.10	6.34	11.26	45.70	54.00	8.30	Average
3 2409.240	28.11	6.36	53.01	88.29	54.00	-34.29	Average #

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

Date of Test : Nov. 07, 2011 Temperature : 26

EUT : Electronic Dictionary Humidity : 58%

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

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

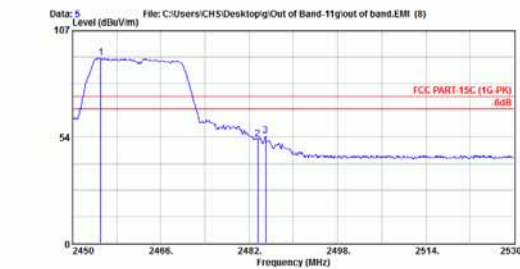
Peak						
* 2484.960	28.18	6.45	19.47	54.10	74.00	19.90

Average						
* 2483.520	28.18	6.45	3.48	38.11	54.00	15.89

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2450-2530MHz).
 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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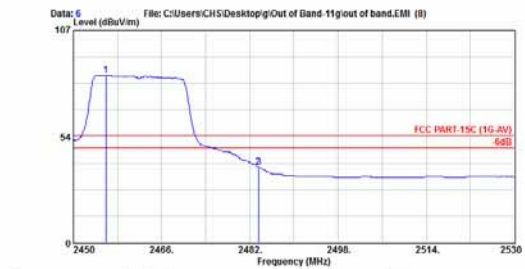


	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2455.120	28.17	6.42	58.75	93.34	74.00	-19.34	Peak X
2	2483.520	28.18	6.45	17.75	52.38	74.00	21.62	Peak
3	2484.960	28.18	6.45	19.47	54.11	74.00	19.85	Peak

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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	Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1	2455.920	28.17	6.42	49.85	84.44	54.00	-30.44	Average 8
2	2483.520	28.18	6.45	3.48	38.11	54.00	15.89	Average
3	2483.600	28.18	6.45	3.38	38.02	54.00	15.98	Average

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

Date of Test : Nov. 07, 2011 Temperature : 26

EUT : Electronic Dictionary Humidity : 58%

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

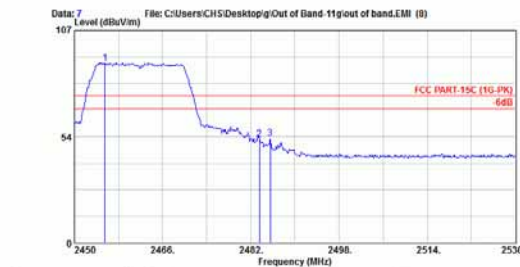
Vertical

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)
Peak						
* 2485.520	28.18	6.45	17.82	52.45	74.00	21.55
Average						
* 2483.520	28.18	6.45	2.58	37.21	54.00	16.79

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2450-2530MHz).
 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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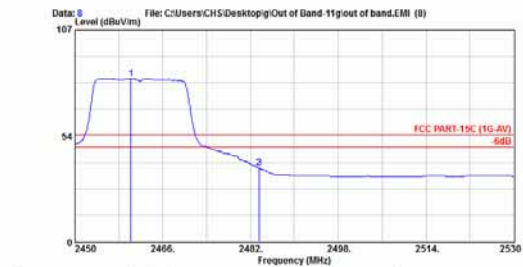
Site no. : A/C Chamber Data no. : 7
 Dis. / Ant. : 3m 3115 (3775) Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : E4446A 27°C/61% Jarwei Wang
 EUT : CD-910
 Power Rating : AC120/60Hz
 Test Mode : TX2462 (802.11g)

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 2455.520	28.17	6.42	56.08	90.67	74.00	-16.67	Peak X
2 2483.520	28.18	6.45	17.58	52.21	74.00	21.79	Peak
3 2485.520	28.18	6.45	17.82	52.46	74.00	21.54	Peak

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



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Site no. : A/C Chamber Data no. : 8
 Dis. / Ant. : 3m 3115 (3775) Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : E4446A 27°C/61% Jarwei Wang
 EUT : CD-910
 Power Rating : AC120/60Hz
 Test Mode : TX2462 (802.11g)

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Remark
1 2460.160	28.17	6.42	47.89	82.48	54.00	-28.48	Average 8
2 2483.520	28.18	6.45	2.58	37.21	54.00	16.79	Average
3 2483.600	28.18	6.45	2.51	37.15	54.00	16.85	Average

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

3.6.3.3. WLAN (802.11n-HT20)

Date of Test : Nov. 07, 2011 Temperature : 26

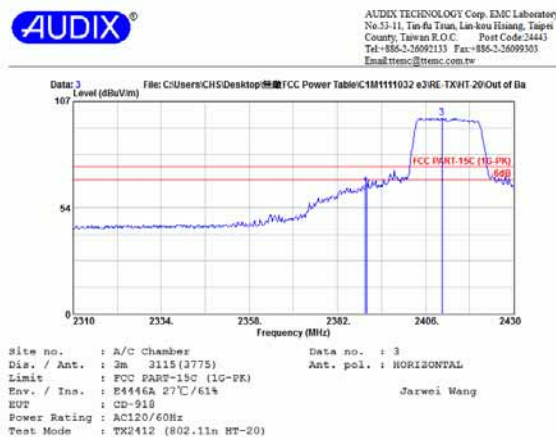
EUT : Electronic Dictionary Humidity : 58%

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

Horizontal

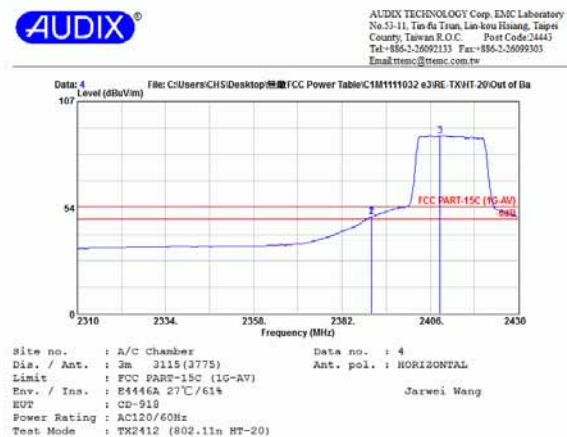
Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Peak						
* 2389.680	28.10	6.34	29.71	64.15	74.00	9.85
Average						
* 2389.920	28.10	6.34	14.42	48.86	54.00	5.14

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2310-2430MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2389.680	28.10	6.34	29.71	64.15	74.00	9.85	Peak
2 2390.040	28.10	6.34	28.69	63.13	74.00	10.87	Peak
3 2410.440	28.11	6.36	64.25	99.72	74.00	-24.72	Peak

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



Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2389.920	28.10	6.34	14.42	48.86	54.00	5.14	Average 1
2 2390.040	28.10	6.34	14.48	49.92	54.00	5.08	Average 1
3 2408.640	28.11	6.36	55.37	89.84	54.00	-35.84	Average 8

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 : Nov. 07, 2011 Temperature : 26

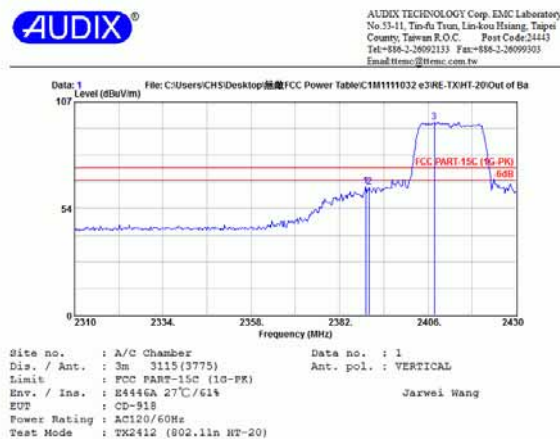
EUT : Electronic Dictionary Humidity : 58%

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

Vertical

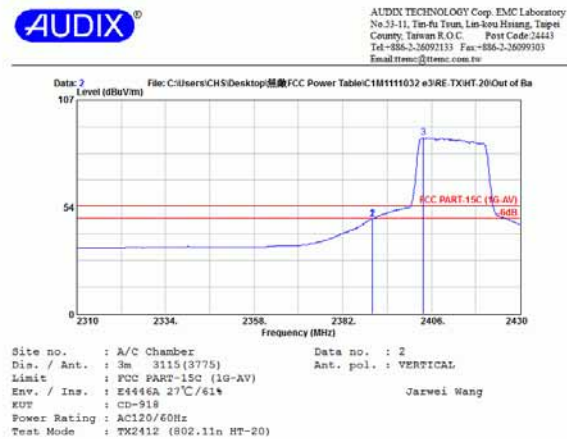
Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Peak * 2389.080	28.10	6.34	30.21	64.65	74.00	9.35
Average * 2389.920	28.10	6.34	13.12	47.56	54.00	6.44

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2310-2430MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2389.080	28.10	6.34	30.21	64.64	74.00	9.36	Peak
2 2390.040	28.10	6.34	29.99	64.43	74.00	9.57	Peak
3 2407.600	28.11	6.36	62.35	96.02	74.00	-22.02	Peak #

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



Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2389.920	28.10	6.34	13.12	47.55	54.00	6.45	Average
2 2390.040	28.10	6.34	13.18	47.62	54.00	6.38	Average
3 2403.840	28.11	6.36	53.55	88.02	54.00	-34.02	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 : Nov. 07, 2011 Temperature : 26

EUT : Electronic Dictionary Humidity : 58%

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

Horizontal

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

Peak						
* 2485.920	28.18	6.45	20.22	54.85	74.00	19.15

Average						
* 2483.520	28.18	6.45	5.36	39.99	54.00	14.01

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2450-2530MHz).
 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
 Dia. / Ant. : 3m 3115 (3775) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : E4446A 27°C/61% Jarwei Wang
 EUT : CD-918
 Power Rating : AC120/60Hz
 Test Mode : TX2462 (802.11n HT-20)

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2454.560	28.17	6.42	59.07	93.66	74.00	-19.66	Peak X
2 2483.520	28.18	6.45	19.36	53.99	74.00	20.01	Peak
3 2485.920	28.18	6.45	20.22	54.86	74.00	19.14	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
 Dia. / Ant. : 3m 3115 (3775) Ant. pol. : HORIZONTAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : E4446A 27°C/61% Jarwei Wang
 EUT : CD-918
 Power Rating : AC120/60Hz
 Test Mode : TX2462 (802.11n HT-20)

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2453.520	28.17	6.42	45.57	84.16	54.00	-30.16	Average #
2 2483.520	28.18	6.45	5.36	39.99	54.00	14.01	Average
3 2485.920	28.18	6.45	5.30	39.94	54.00	14.06	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 : Nov. 07, 2011 Temperature : 26

EUT : Electronic Dictionary Humidity : 58%

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

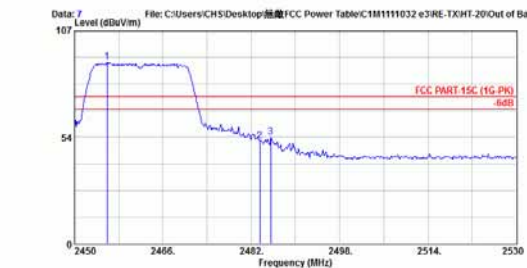
Vertical

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Peak						
* 2485.520	28.18	6.45	19.22	53.85	74.00	20.15
Average						
* 2483.520	28.18	6.45	3.46	38.09	54.00	15.91

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2450-2530MHz).
 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. : VERTICAL
 Limit : FCC PART-15C (1G-PK)
 Env. / Ins. : E4446A 27°C/61% Jarwei Wang
 EUT : CD-918
 Power Rating : AC120/60Hz
 Test Mode : TX2462 (802.11n HT-20)

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2455.920	28.17	6.42	56.57	91.16	74.00	-17.16	Peak X
2 2483.520	28.18	6.45	17.25	51.88	74.00	22.12	Peak
3 2485.520	28.18	6.45	19.22	53.86	74.00	20.14	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(3775) Ant. pol. : VERTICAL
 Limit : FCC PART-15C (1G-AV)
 Env. / Ins. : E4446A 27°C/61% Jarwei Wang
 EUT : CD-918
 Power Rating : AC120/60Hz
 Test Mode : TX2462 (802.11n HT-20)

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2453.920	28.17	6.42	47.11	81.70	54.00	-27.70	Average 8
2 2483.520	28.18	6.45	3.46	38.09	54.00	15.91	Average
3 2483.600	28.18	6.45	3.40	38.04	54.00	15.96	Average

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

3.6.3.4. WLAN (802.11n-HT40)

Date of Test : Nov. 07, 2011 Temperature : 26

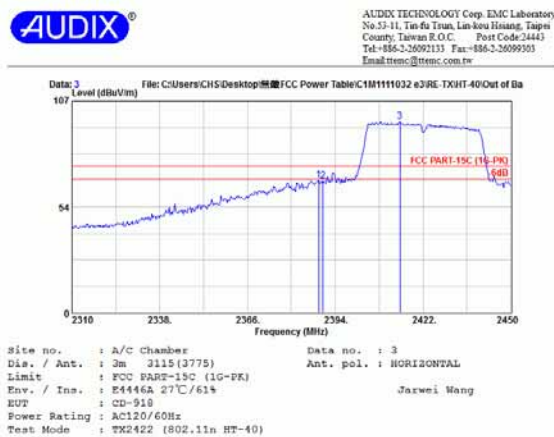
EUT : Electronic Dictionary Humidity : 58%

Test Mode : Transmitting Mode, Frequency: 2422MHz (CH3) Test Voltage : AC 120V, 60Hz

Horizontal

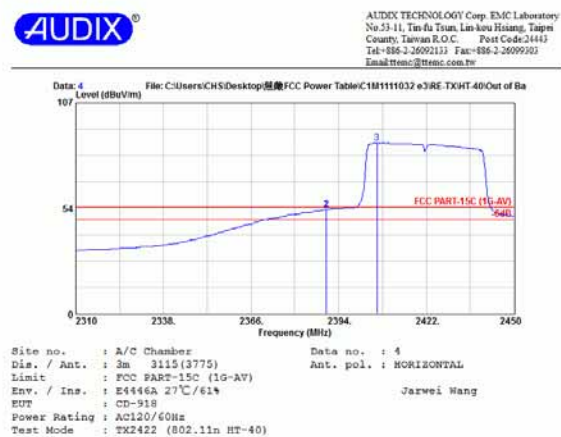
Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Peak						
* 2388.680	28.10	6.34	32.78	67.22	74.00	6.78
Average						
* 2389.940	28.10	6.34	18.33	52.77	54.00	1.23

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2310-2450MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2388.680	28.10	6.34	32.78	67.21	74.00	6.79	Peak
2 2390.080	28.10	6.34	32.18	66.62	74.00	7.38	Peak
3 2414.580	28.11	6.36	62.36	96.83	74.00	-22.83	Peak 8

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



Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2389.940	28.10	6.34	18.33	52.77	54.00	1.23	Average 1
2 2390.080	28.10	6.34	18.30	52.74	54.00	1.26	Average 1
3 2406.180	28.11	6.36	52.09	86.57	54.00	-32.57	Average 8

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

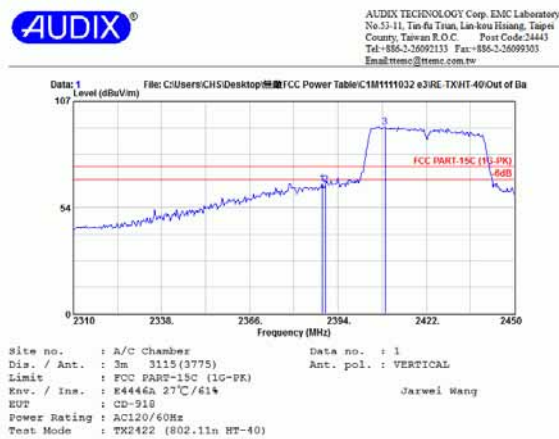
Date of Test : Nov. 07, 2011 Temperature : 26

EUT : Electronic Dictionary Humidity : 58%

Test Mode : Transmitting Mode,
Frequency: 2422MHz (CH3) Test Voltage : AC 120V, 60Hz**Vertical**

Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Peak						
* 2388.960	28.10	6.34	31.10	65.54	74.00	8.46
Average						
* 2389.940	28.10	6.34	17.00	51.44	54.00	2.56

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2310-2450MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2388.960	28.10	6.34	31.10	65.53	74.00	8.47	Peak
2 2390.080	28.10	6.34	30.51	64.95	74.00	9.05	Peak
3 2408.980	28.11	6.36	59.79	94.26	74.00	-20.26	Peak

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



Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2389.940	28.10	6.34	17.00	51.44	54.00	2.56	Average !
2 2390.080	28.10	6.34	17.00	51.44	54.00	2.56	Average !
3 2408.280	28.11	6.36	51.32	85.79	54.00	-31.79	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 : Nov. 07, 2011 Temperature : 26

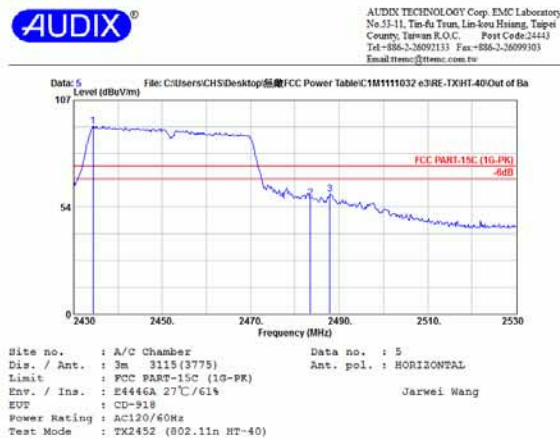
EUT : Electronic Dictionary Humidity : 58%

Test Mode : Transmitting Mode, Test Voltage : AC 120V, 60Hz
Frequency: 2452MHz (CH9)

Horizontal

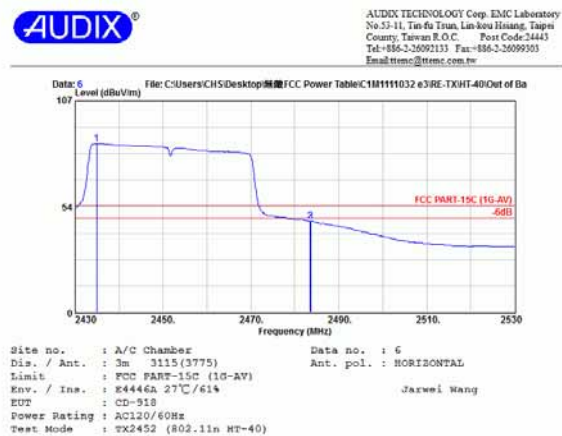
Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Peak						
* 2487.900	28.20	6.45	25.26	59.91	74.00	14.09
Average						
* 2483.500	28.18	6.45	11.72	46.35	54.00	7.65

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2430-2530MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2434.400	28.13	6.39	59.39	93.91	74.00	-19.91	Peak X
2 2483.500	28.18	6.45	23.39	58.03	74.00	15.97	Peak
3 2487.900	28.20	6.45	25.26	59.91	74.00	14.09	Peak

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



Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2434.900	28.13	6.39	50.96	85.48	54.00	-31.48	Average 8
2 2483.500	28.18	6.45	11.72	46.36	54.00	7.64	Average
3 2483.600	28.18	6.45	11.68	46.32	54.00	7.68	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 : Nov. 07, 2011 Temperature : 26

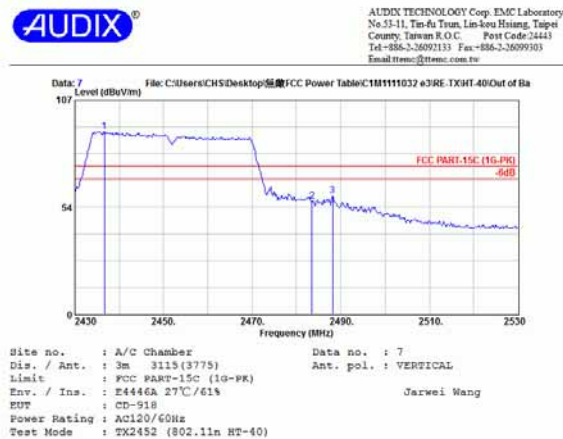
EUT : Electronic Dictionary Humidity : 58%

Test Mode : Transmitting Mode, Test Voltage : AC 120V, 60Hz
Frequency: 2452MHz (CH9)

Vertical

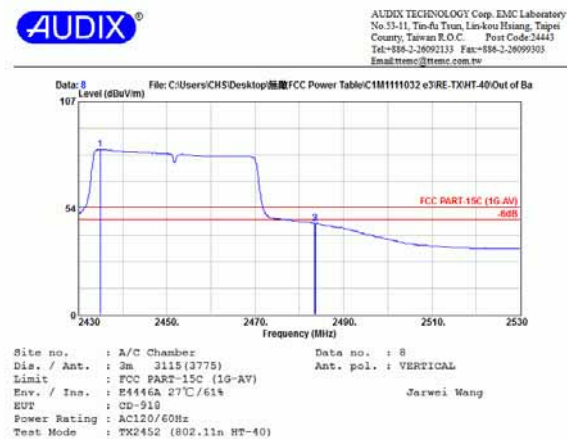
Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)
Peak						
* 2488.200	28.20	6.45	24.64	59.29	74.00	14.71
Average						
* 2483.500	28.18	6.45	11.39	46.02	54.00	7.98

- Remark : 1. Emission Level = Antenna Factor + Cable Loss + Meter Reading.
 2. Low frequency section (spurious in the restricted band 2430-2530MHz).
 3. '*' The field strength of emission appearing within Part 15.205(a) shall not exceed the limits shown in section 15.209.



Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2436.700	28.15	6.39	56.85	91.39	74.00	-17.39	Peak X
2 2483.500	28.18	6.45	21.73	56.37	74.00	17.63	Peak
3 2488.200	28.20	6.45	24.64	59.29	74.00	14.71	Peak

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



Freq. (MHz)	Ant. Factor (dB/m)	Cable Loss (dB)	Emission Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Remark
1 2434.900	28.13	6.39	48.59	83.11	54.00	-29.11	Average #
2 2483.500	28.18	6.45	11.39	46.02	54.00	7.98	Average
3 2483.600	28.18	6.45	11.37	46.00	54.00	8.00	Average

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

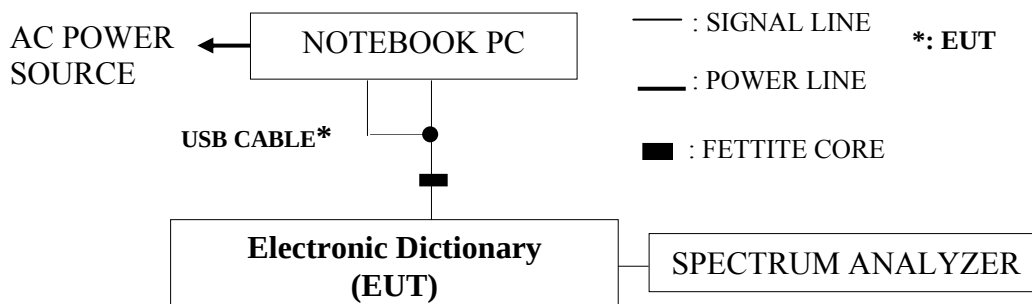
4. 6dB BANDWIDTH MEASUREMENT

4.1. Test Equipment

The following test equipment was used during the 6dB bandwidth measurement :

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Spectrum Monitor	Agilent	E4446A	US44300366	Aug. 04, 11'	Aug. 03. 12'

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 “adb.exe” was used to enable the EUT to transmit data at different channel frequency individually.

4.5. Test Procedure

The RF output of EUT was connected to the spectrum analyzer. The bandwidth of the fundamental frequency was measure by spectrum analyzer with 100kHz RBW and 100kHz VBW. The 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB.

The measurement guideline was according to KDB 558074.

4.6. Test Results

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

Test Date: Nov. 07, 2011 Temperature: 26 Humidity: 53 %

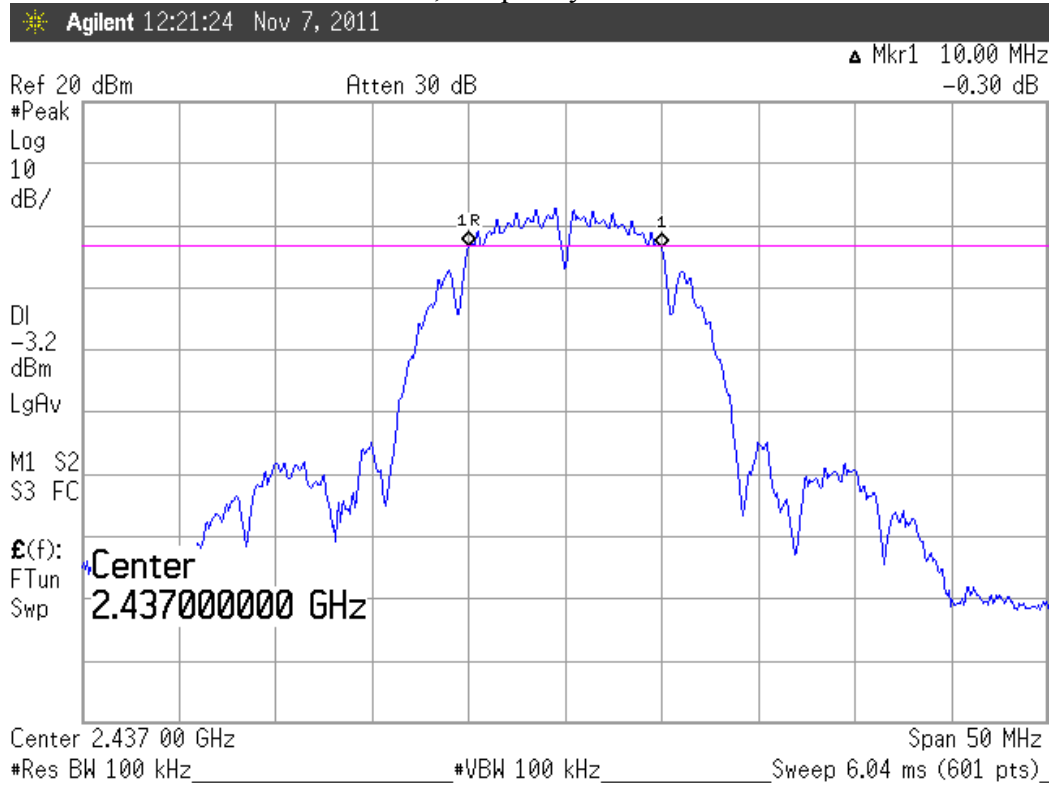
Test Mode	Channel	Frequency	6dB Bandwidth
802.11b	CH 1	2412MHz	10.00MHz
	CH 6	2437MHz	10.00MHz
	CH 11	2462MHz	10.08MHz
802.11g	CH 1	2412MHz	16.58MHz
	CH 6	2437MHz	16.58MHz
	CH 11	2462MHz	16.58MHz
802.11n-HT20	CH 1	2412MHz	17.83MHz
	CH 6	2437MHz	17.83MHz
	CH 11	2462MHz	17.83MHz
802.11n-HT40	CH 3	2422MHz	36.42MHz
	CH 6	2437MHz	36.58MHz
	CH 9	2452MHz	36.58MHz

4.6.1. Test Mode: WLAN (802.11b)

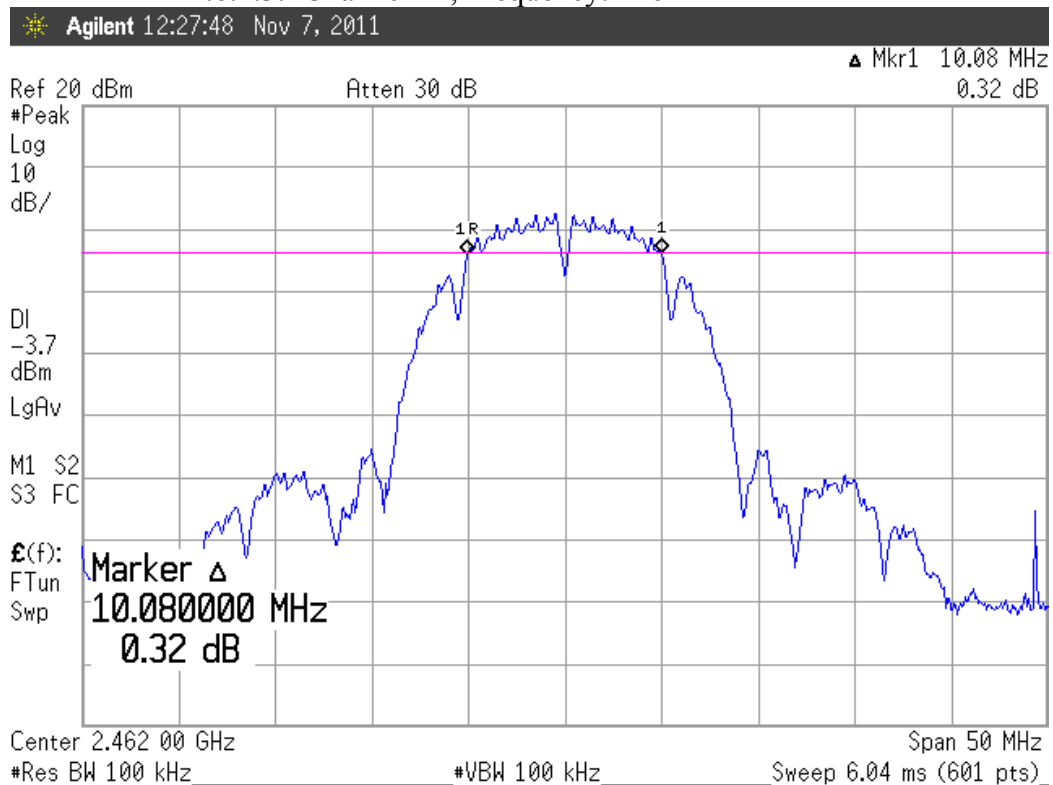
4.6.1.1. Channel 1, Frequency: 2412MHz



4.6.1.2. Channel 6, Frequency: 2437MHz

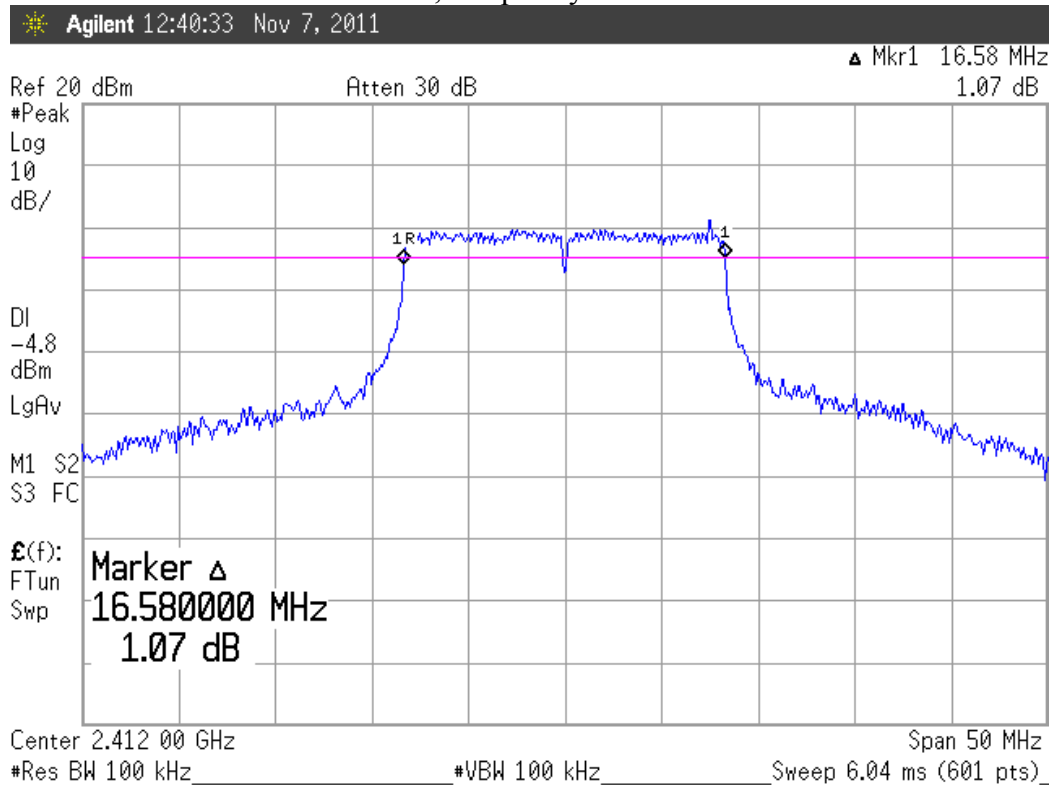


4.6.1.3. Channel 11, Frequency: 2462MHz

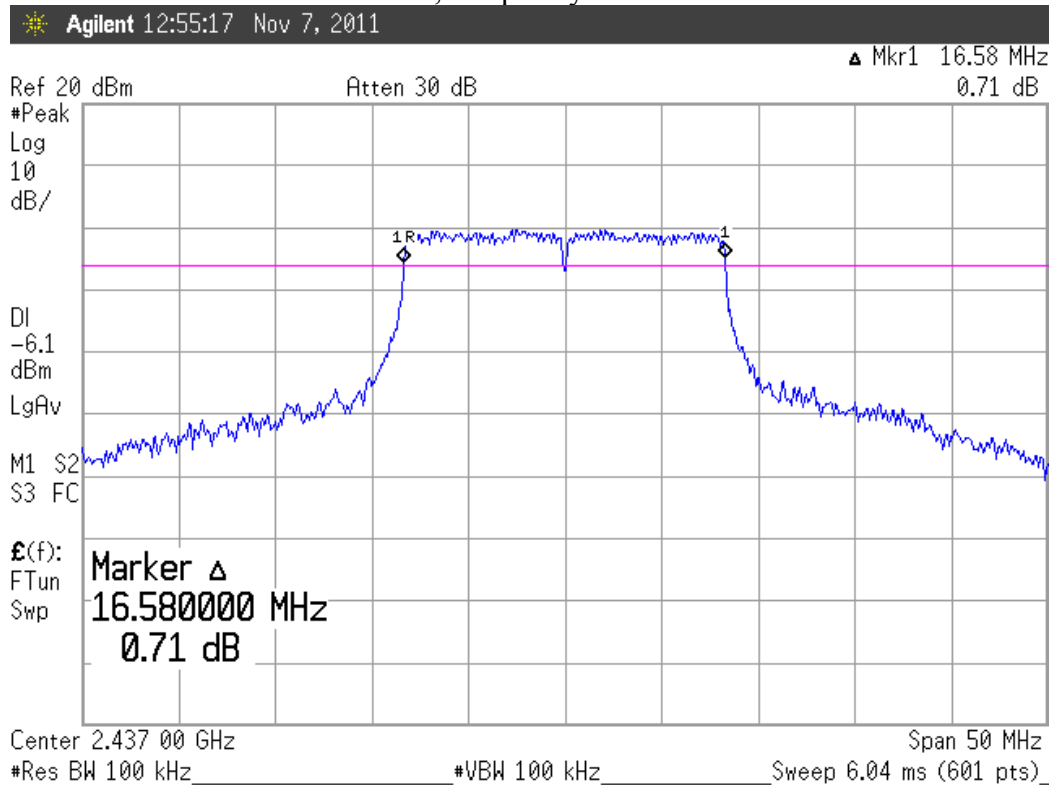


4.6.2. Test Mode: WLAN (802.11g)

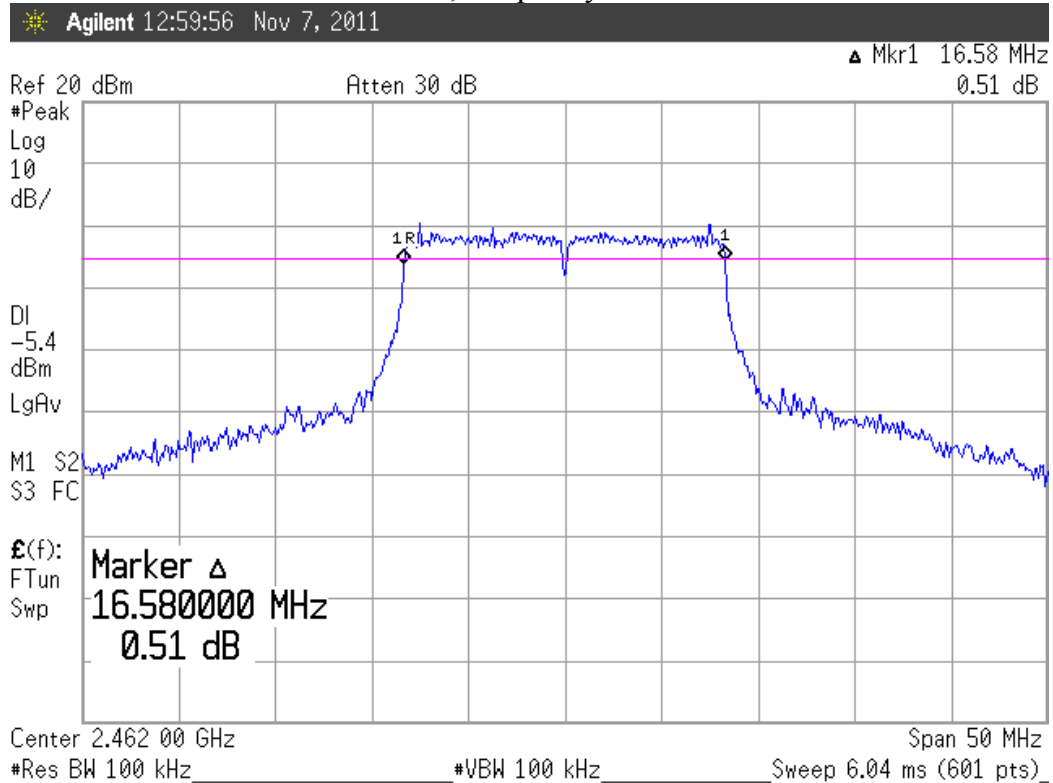
4.6.2.1. Channel 1, Frequency: 2412MHz



4.6.2.2. Channel 6, Frequency: 2437MHz

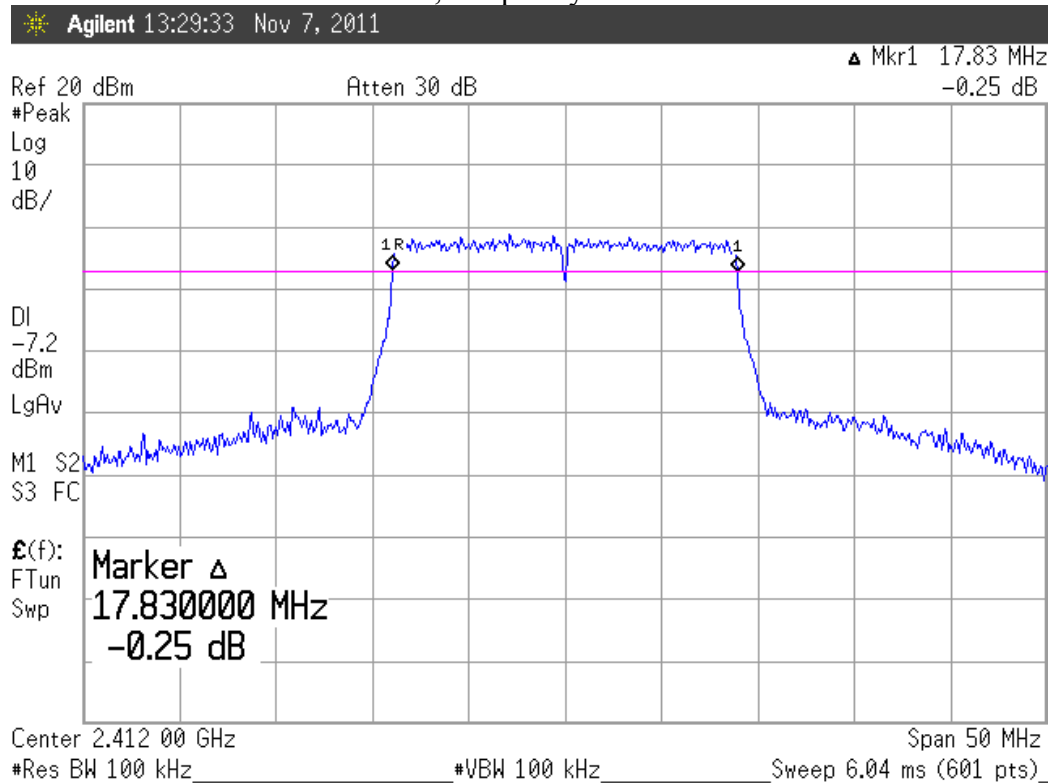


4.6.2.3. Channel 11, Frequency: 2462MHz

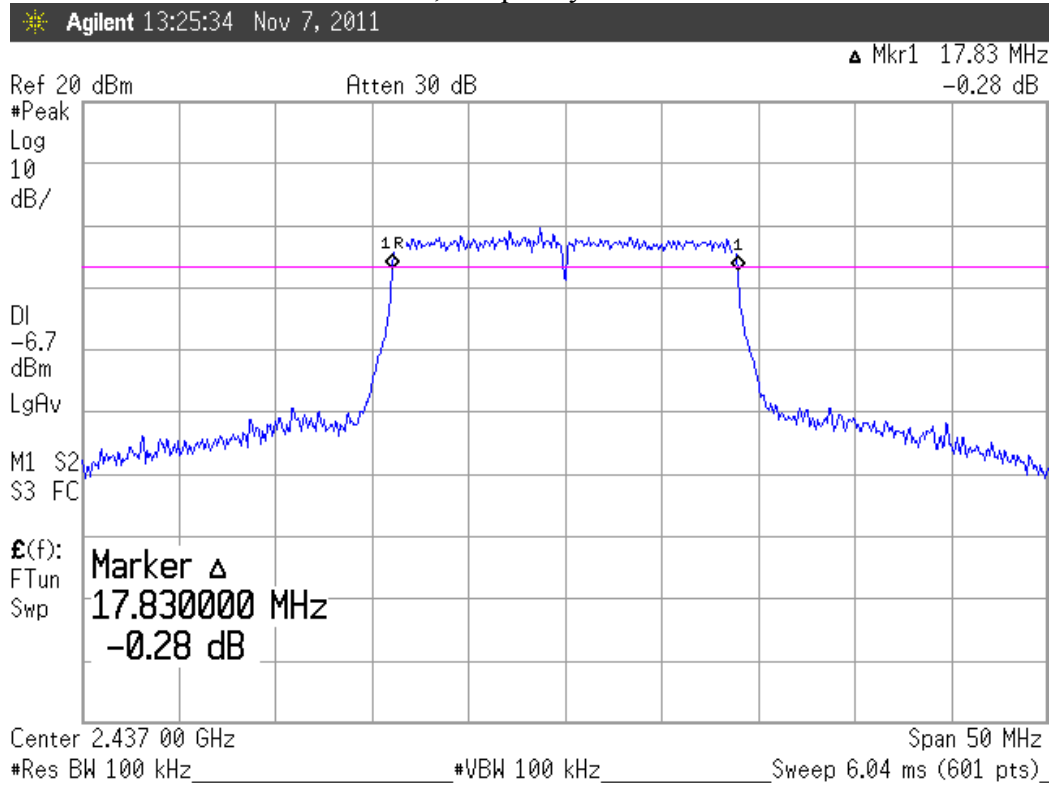


4.6.3. Test Mode: WLAN (802.11n-HT20)

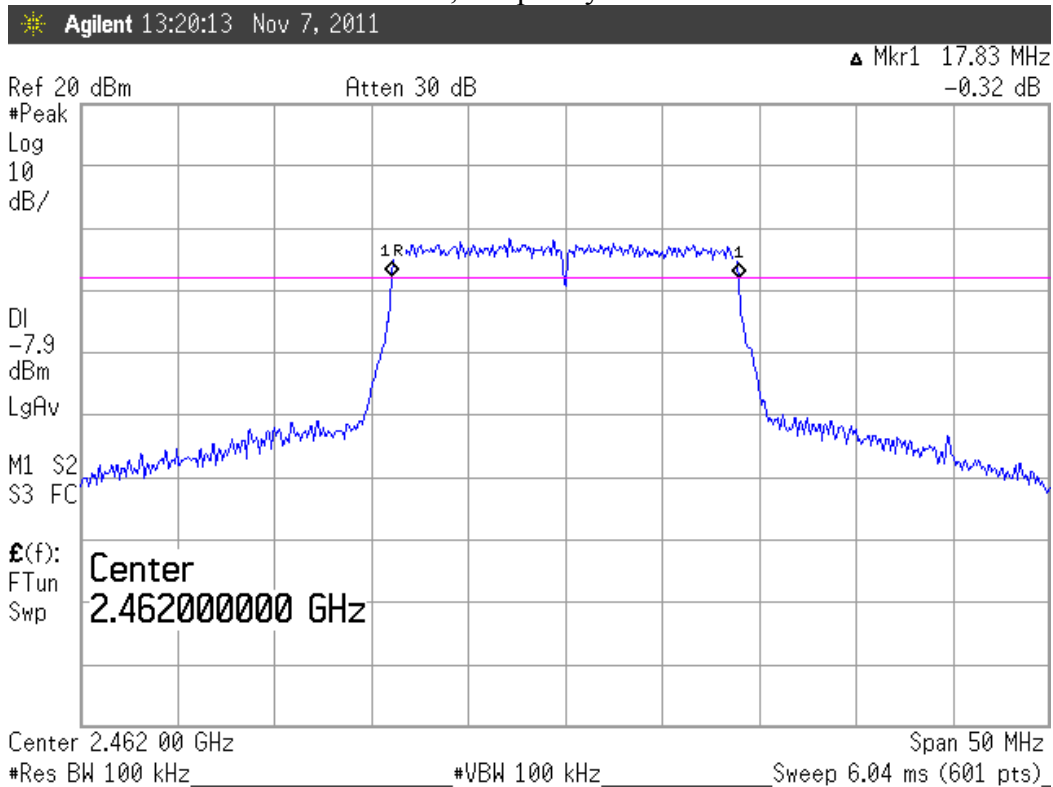
4.6.3.1. Channel 1, Frequency: 2412MHz



4.6.3.2. Channel 6, Frequency: 2437MHz

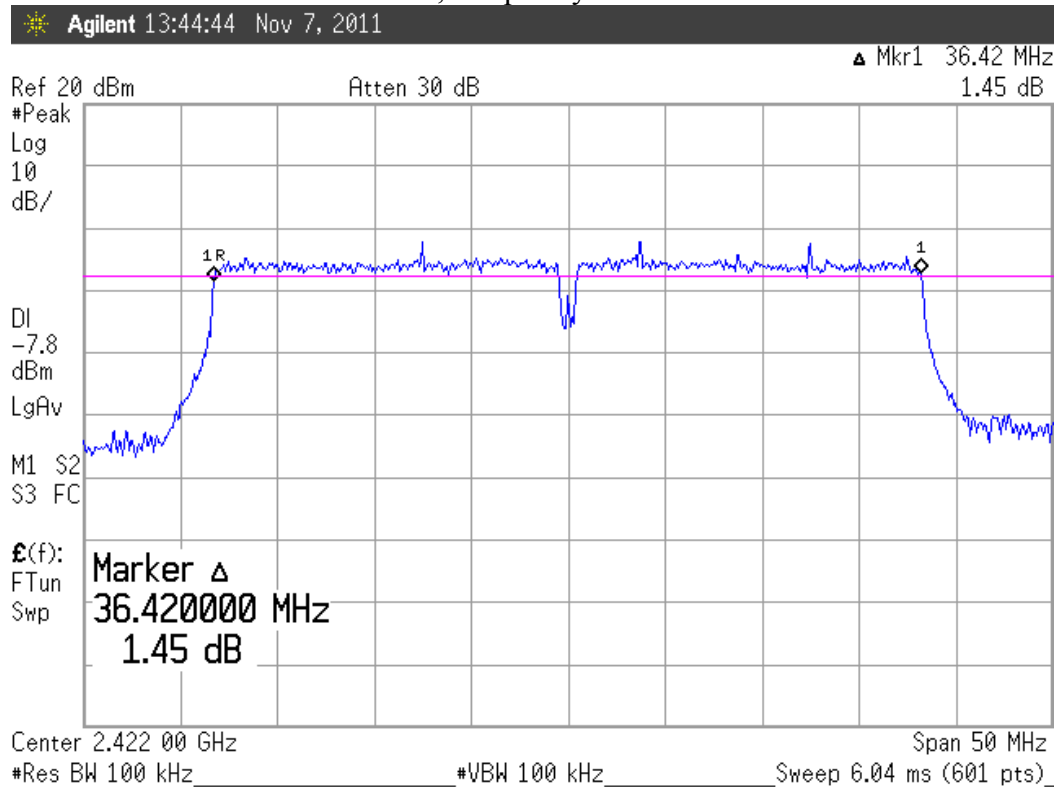


4.6.3.3. Channel 11, Frequency: 2462MHz

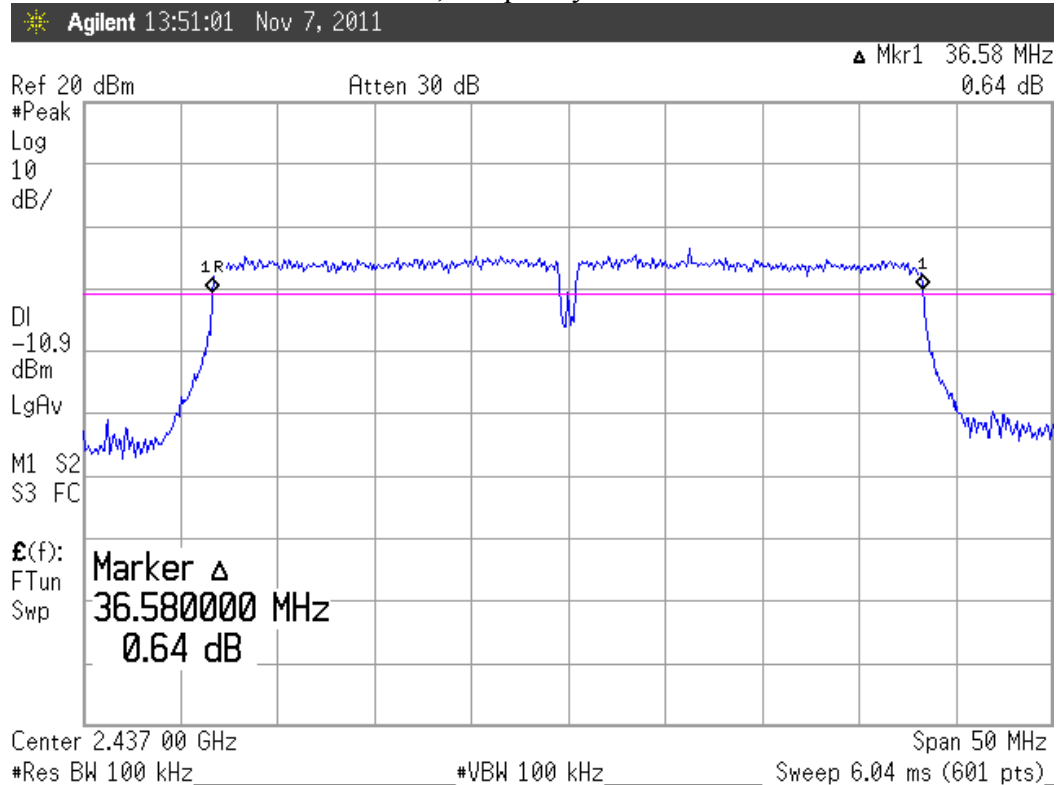


4.6.4. Test Mode: WLAN (802.11n-HT40)

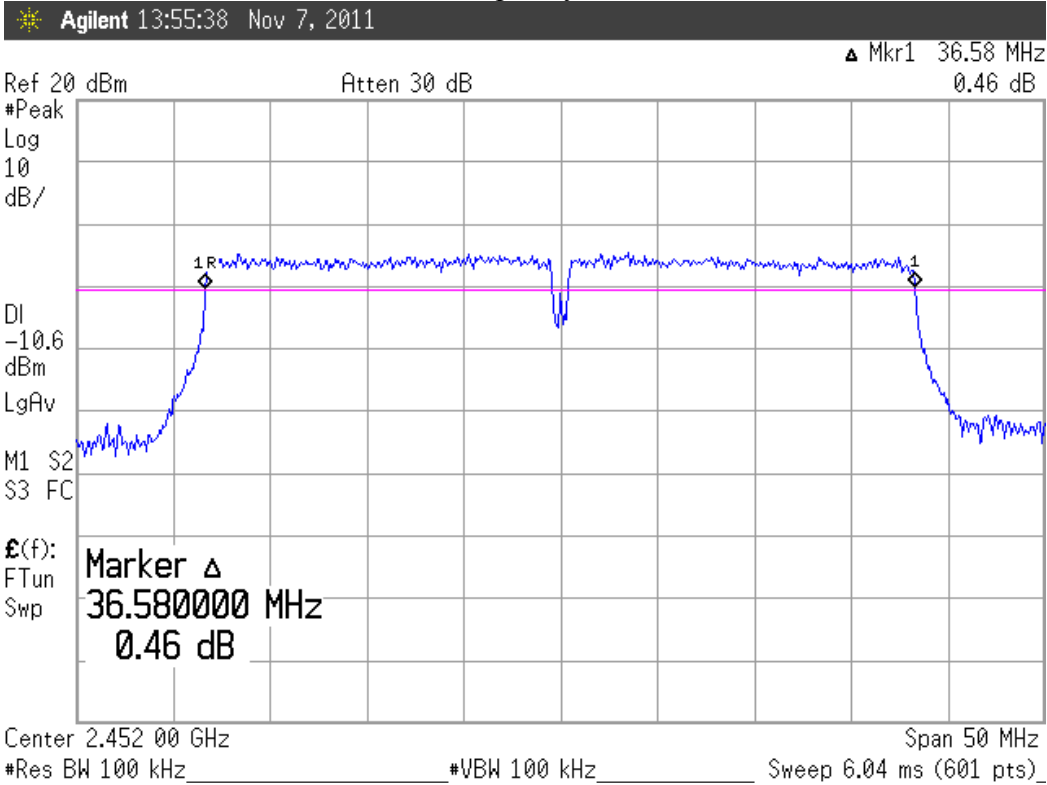
4.6.4.1. Channel 3, Frequency: 2422MHz



4.6.4.2. Channel 6, Frequency: 2437MHz



4.6.4.3. Channel 9, Frequency: 2452MHz



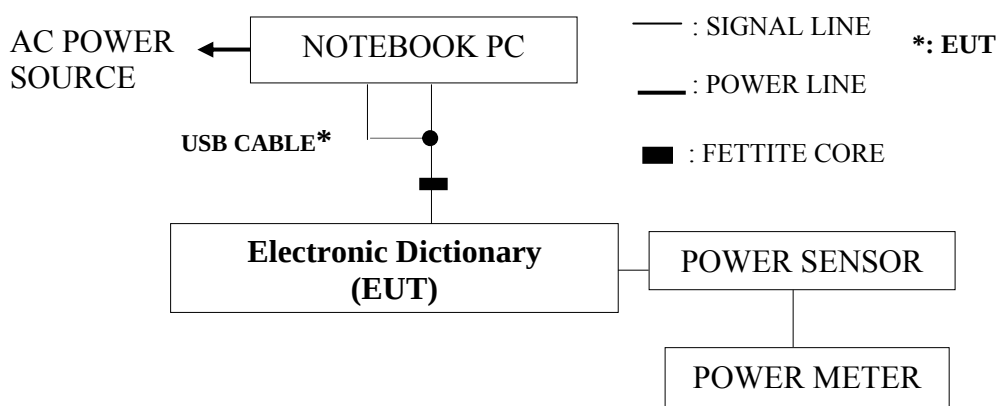
5. MAXIMUM PEAK OUTPUT POWER MEASUREMENT

5.1. Test Equipment

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

Item	Type	Manufacturer	Model No.	Serial No.	Last Cal.	Next Cal.
1.	Power Meter	Antrisu	ML2487A	6K00005406	Feb. 11, 11'	Feb. 12, 12'
2.	Power Sensor	Antrisu	MA2491A	030873	Feb. 11, 11'	Feb. 12, 12'

5.2. Block Diagram of Test Setup



5.3. Specification Limits (§15.247(b)(3))

The Limits of maximum Peak Output Power for digital modulation in 2400-2483.5MHz is: 1Watt. (30dBm)

5.4. Operating Condition of EUT

Same as 6dB bandwidth measurement which was listed in 4.4 except the test set up replaced by section 5.2.

5.5. Test Procedure

The RF output of EUT was connected to the power meter and sensor with 20MHz bandwidth that was designed to detect peak value automatically.

The measurement guideline was according to KDB 558074.

5.6. Test Results

PASSED. All the test results are listed in following page.

Test Date: Nov. 07, 2011 Temperature: 26 Humidity: 53 %

Test Mode	Channel	Frequency	Peak Output Power	Limit
802.11b	CH 1	2412MHz	17.63dBm	30dBm
	CH 6	2437MHz	17.03dBm	30dBm
	CH 11	2462MHz	16.83dBm	30dBm
802.11g	CH 1	2412MHz	21.16dBm	30dBm
	CH 6	2437MHz	20.84dBm	30dBm
	CH 11	2462MHz	20.97dBm	30dBm
802.11n-HT20	CH 1	2412MHz	20.34dBm	30dBm
	CH 6	2437MHz	20.54dBm	30dBm
	CH 11	2462MHz	20.26dBm	30dBm
802.11n-HT40	CH 3	2422MHz	20.85dBm	30dBm
	CH 6	2437MHz	21.02dBm	30dBm
	CH 9	2452MHz	21.03dBm	30dBm

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 Monitor	Agilent	E4446A	US44300366	Aug. 04, 11'	Aug. 03. 12'

6.2. Block Diagram of Test Setup

The same as section.4.2

6.3. Specification Limits (§15.247(c))

In any 100kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20dB below that in the 100kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (See Section 15.205(c)).(This test result attaching to §3.6.3)

6.4. Operating Condition of EUT

Same as 6dB bandwidth measurement which was listed in 4.4 except the test set up replaced by section 6.2.

6.5. Test Procedure

The RF output of EUT was connected to the spectrum analyzer. The bandwidth of the fundamental frequency was measure by spectrum analyzer with 100kHz RBW and 100kHz VBW.

The measurement guideline was according to KDB 558074.

6.6. Test Results

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

Test Date: Dec. 20, 2011 Temperature: 14 Humidity: 55 %

802.11b

2412MHz: During 30MHz~25GHz bandwidth. In the 4.823GHz, the -47.806dBm is max value that is lower than 20dB of primary channel.

2437MHz: During 30MHz~25GHz bandwidth. In the 4.874GHz, the -49.494dBm is max value that is lower than 20dB of primary channel.

2462MHz: During 30MHz~25GHz bandwidth. In the 4.925GHz, the -50.492dBm is max value that is lower than 20dB of primary channel.

802.11g

2412MHz: During 30MHz~25GHz bandwidth. In the 13.600GHz, the -57.890dBm is max value that is lower than 20dB of primary channel.

2437MHz: During 30MHz~25GHz bandwidth. In the 3.767GHz, the -56.021dBm is max value that is lower than 20dB of primary channel.

2462MHz: During 30MHz~25GHz bandwidth. In the 3.755GHz, the -57.042dBm is max value that is lower than 20dB of primary channel.

802.11n-HT20

2412MHz: During 30MHz~25GHz bandwidth. In the 7.295GHz, the -56.650dBm is max value that is lower than 20dB of primary channel.

2437MHz: During 30MHz~25GHz bandwidth. In the 3.803GHz, the -58.105dBm is max value that is lower than 20dB of primary channel.

2462MHz: During 30MHz~25GHz bandwidth. In the 3.785GHz, the -56.845dBm is max value that is lower than 20dB of primary channel.

802.11n-HT40

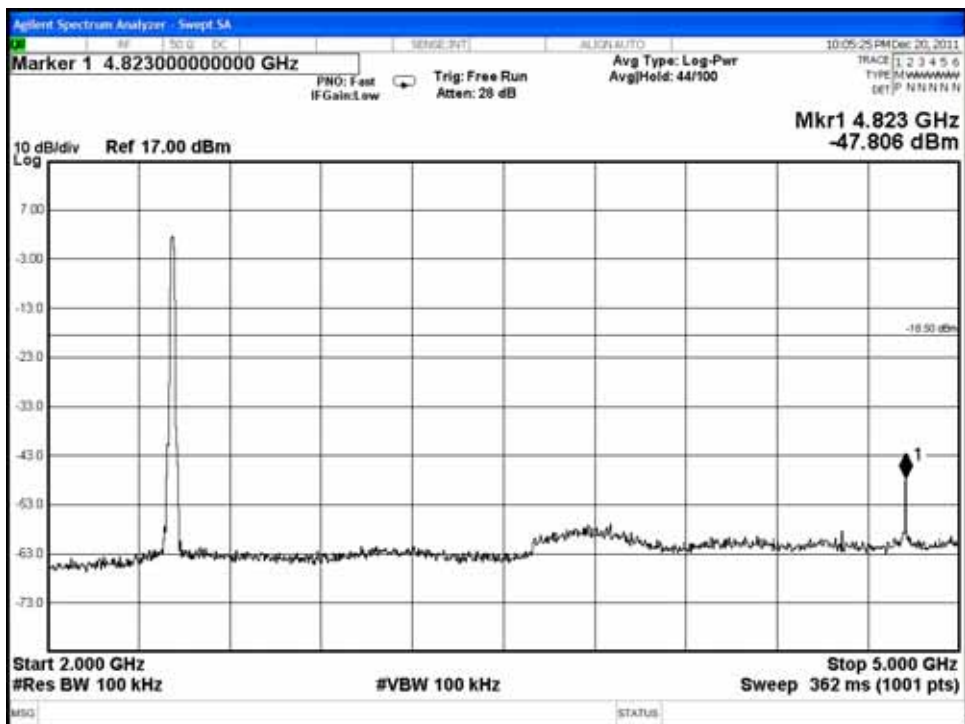
2422MHz: During 30MHz~25GHz bandwidth. In the 3.779GHz, the -56.239dBm is max value that is lower than 20dB of primary channel.

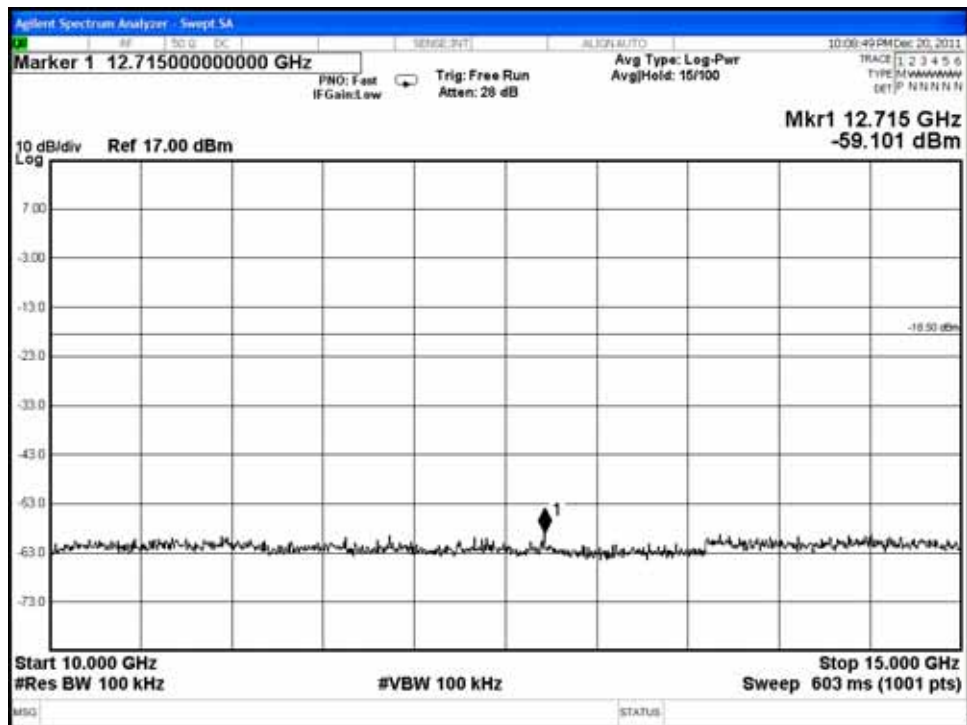
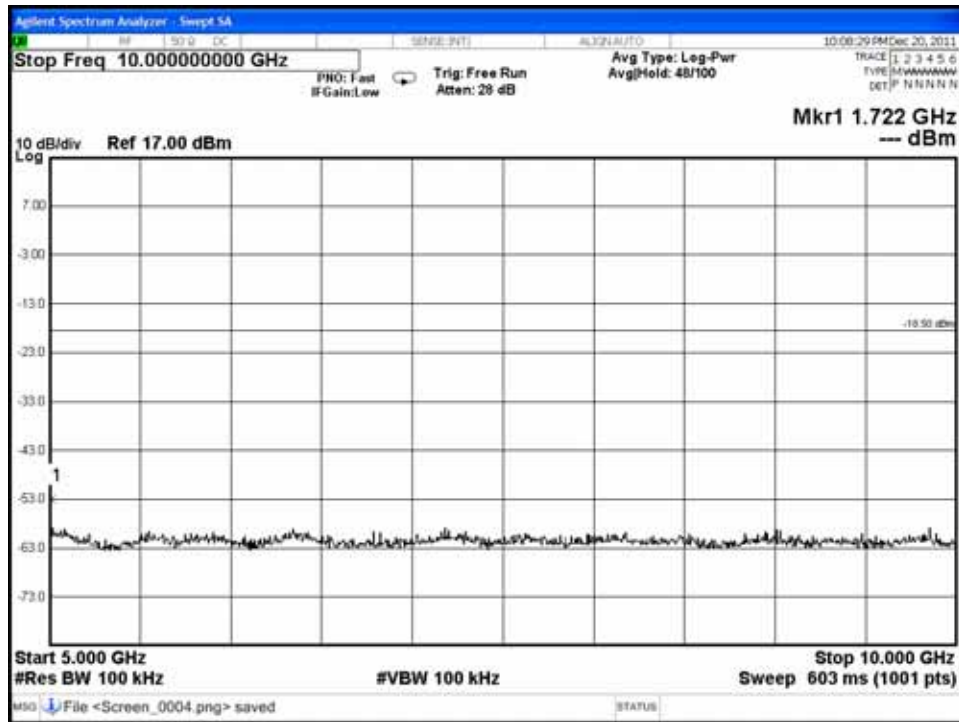
2437MHz: During 30MHz~25GHz bandwidth. In the 24.265GHz, the -54.171dBm is max value that is lower than 20dB of primary channel.

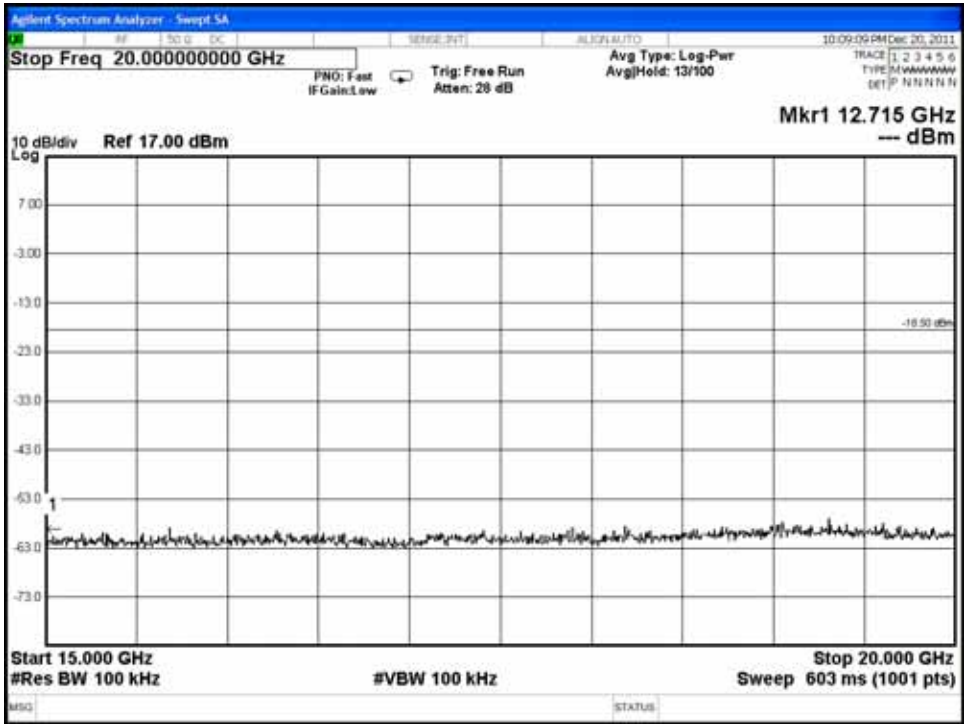
2452MHz: During 30MHz~25GHz bandwidth. In the 3.755GHz, the -56.509dBm is max value that is lower than 20dB of primary channel.

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

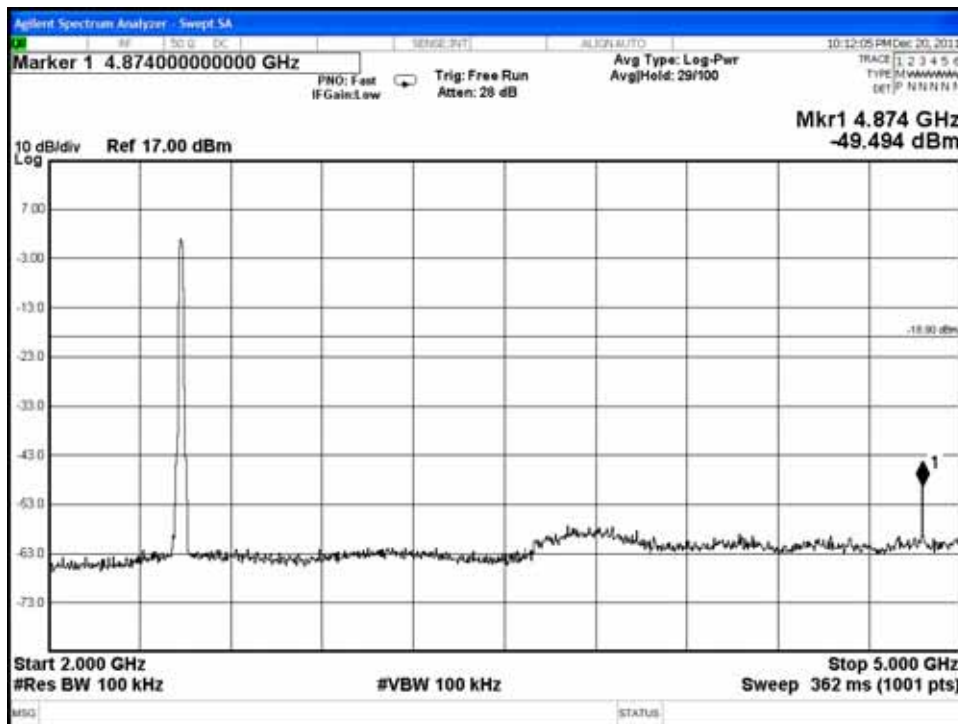
802.11b, Frequency: 2412MHz

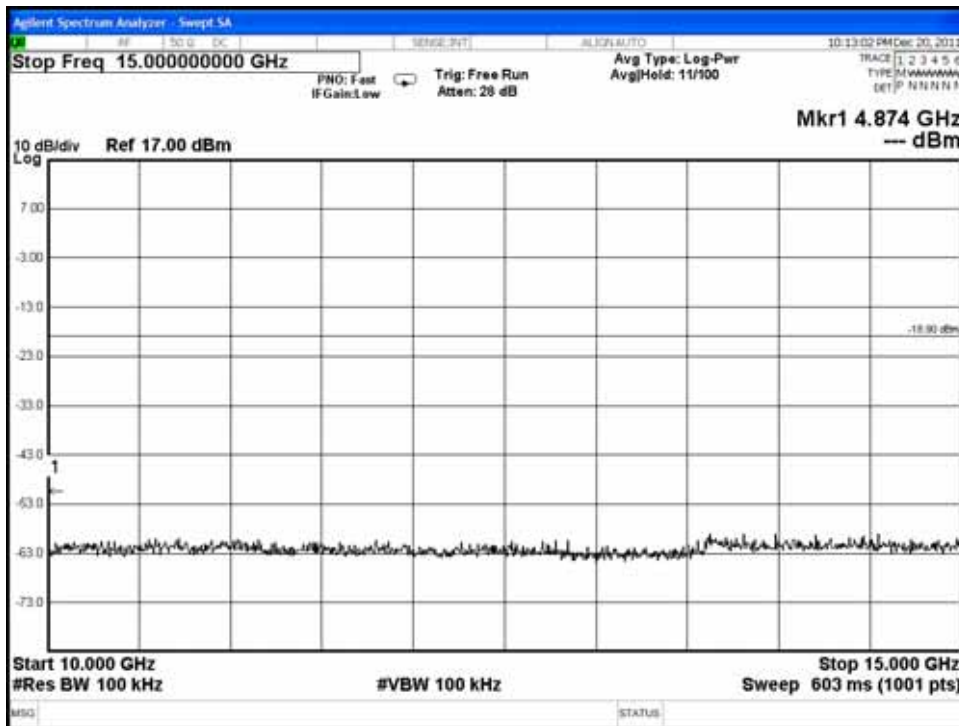
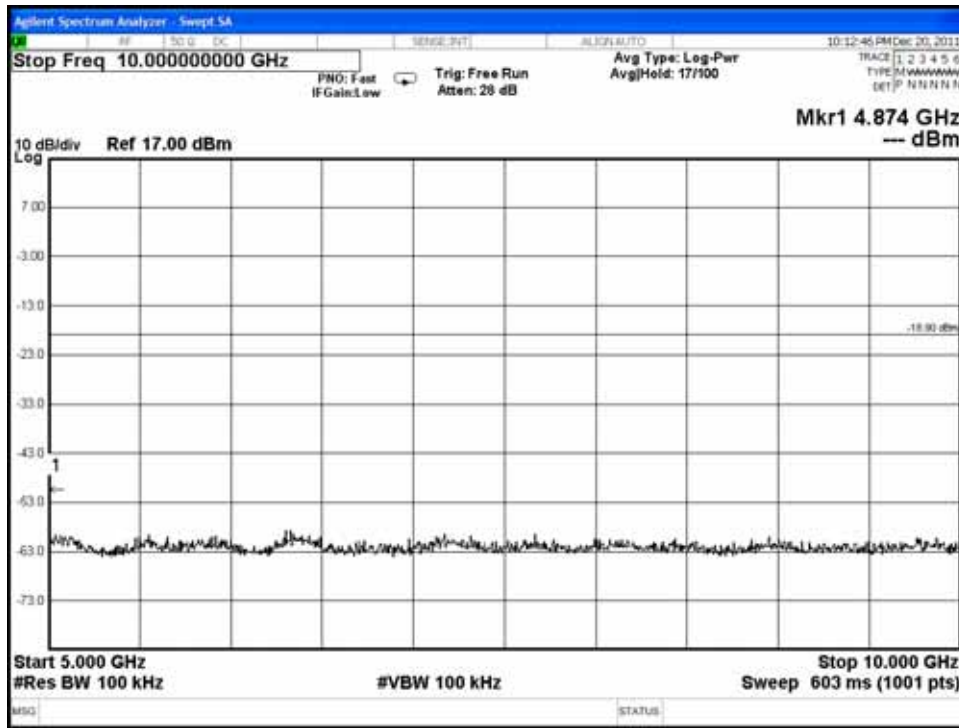


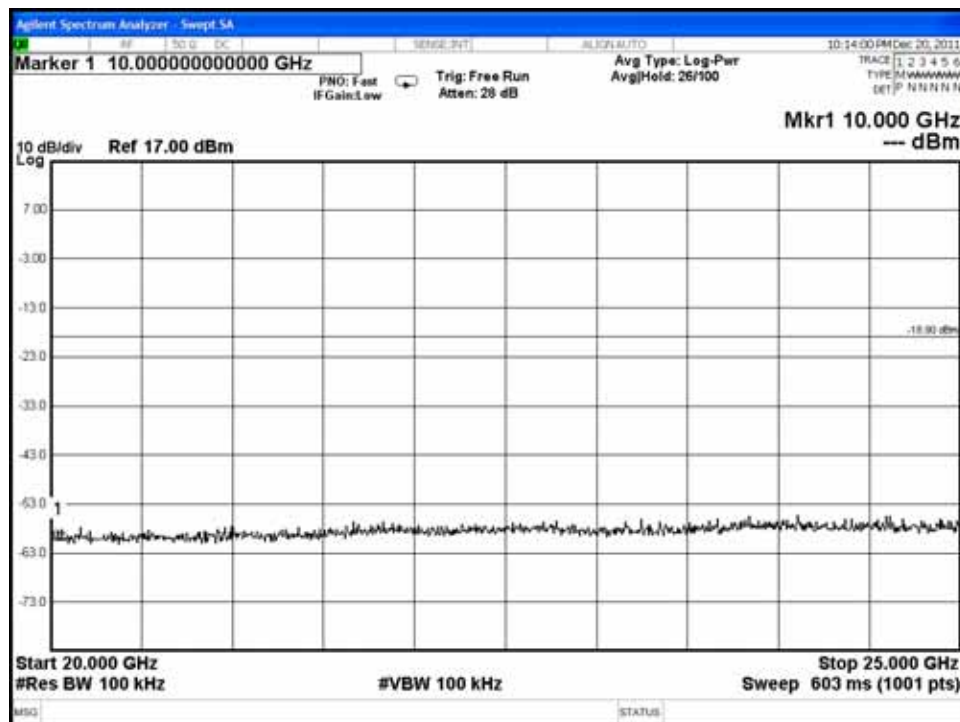




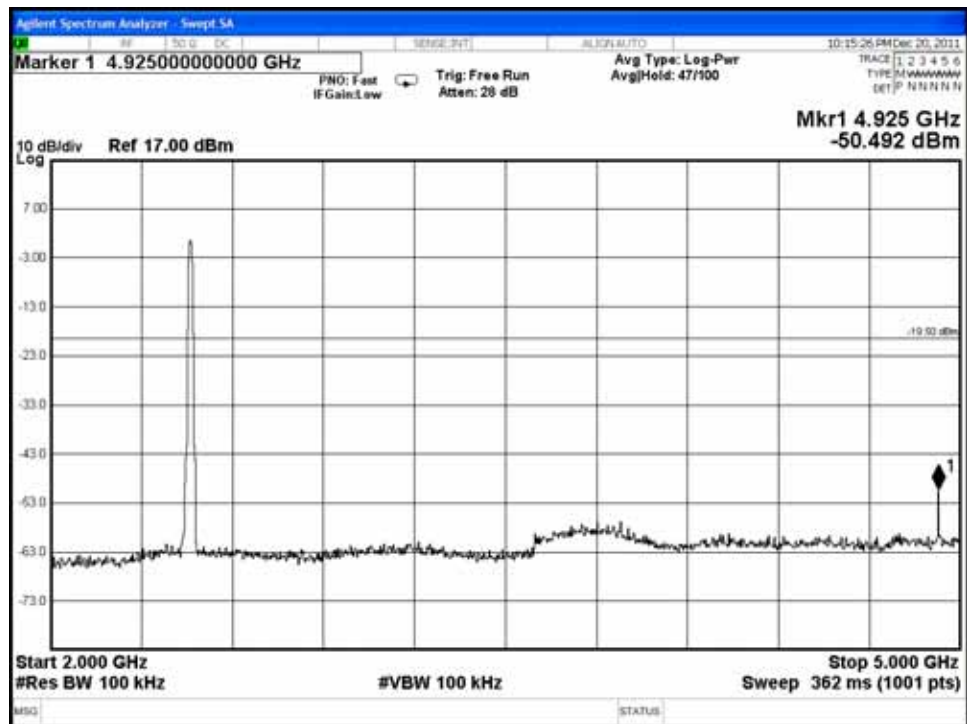
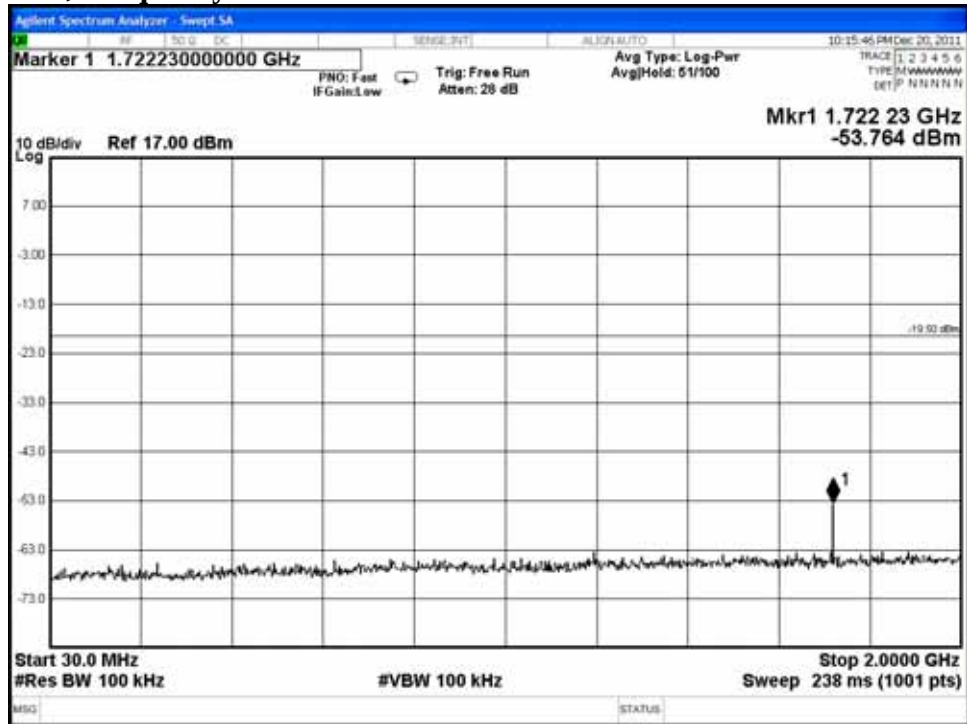
802.11b, Frequency: 2437MHz

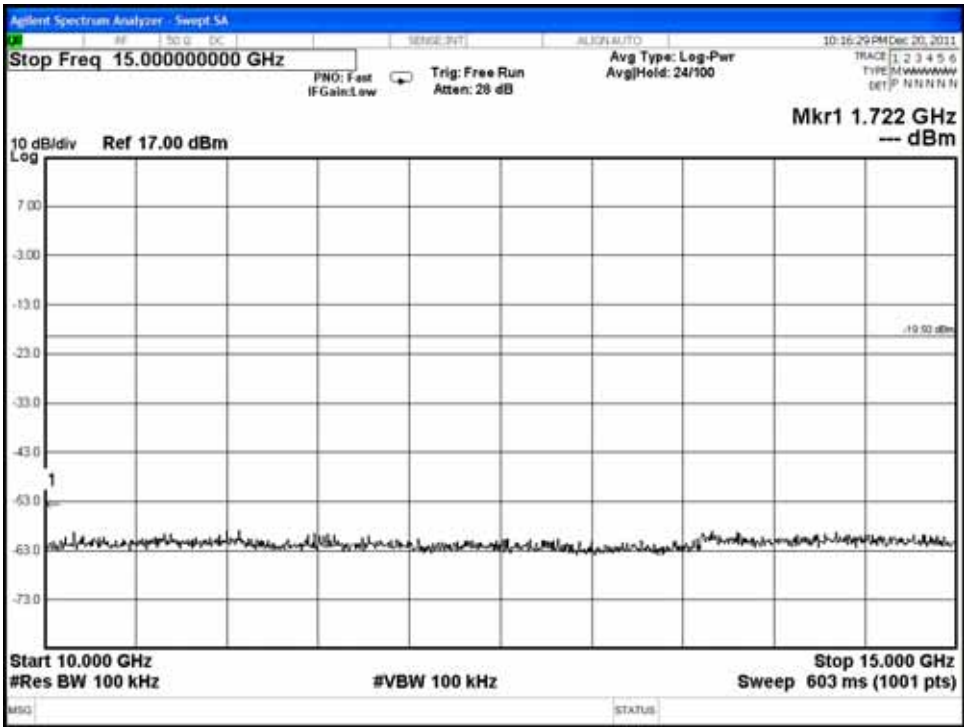
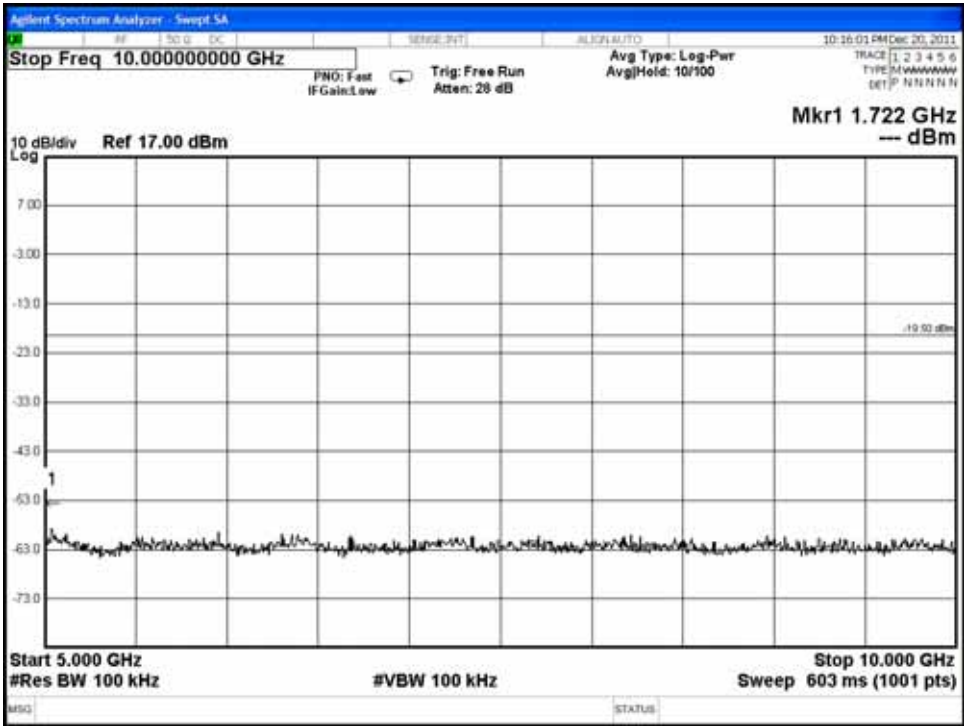


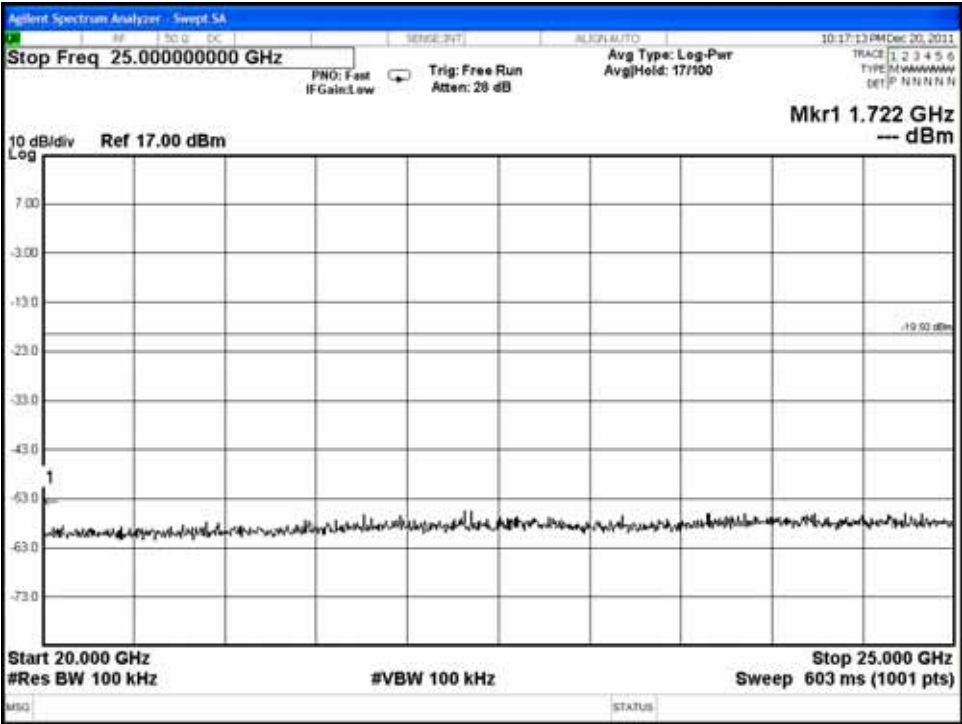
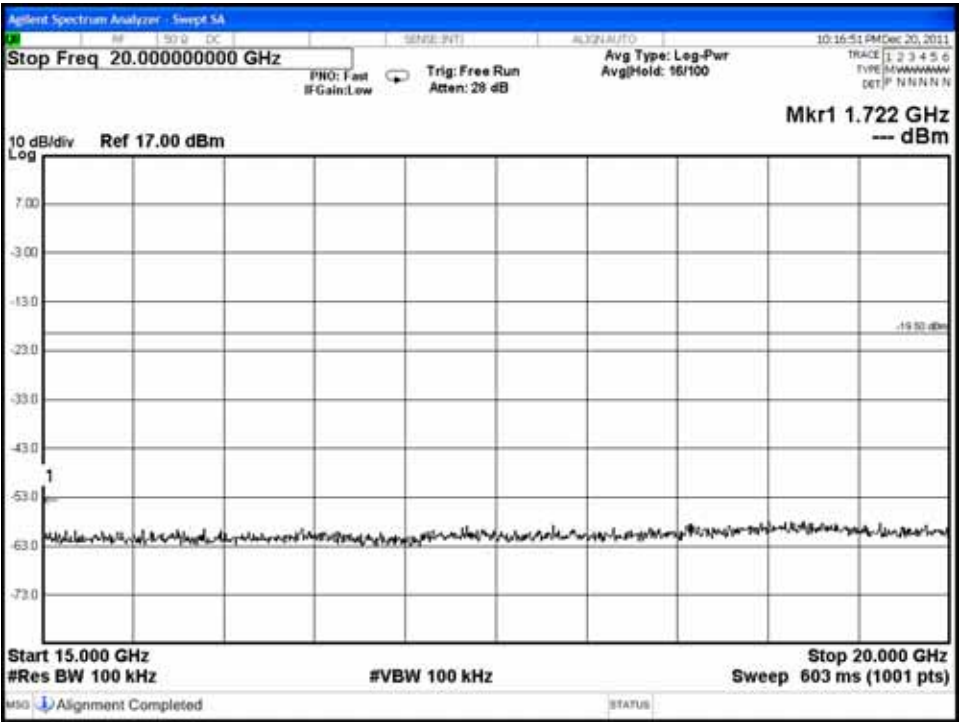




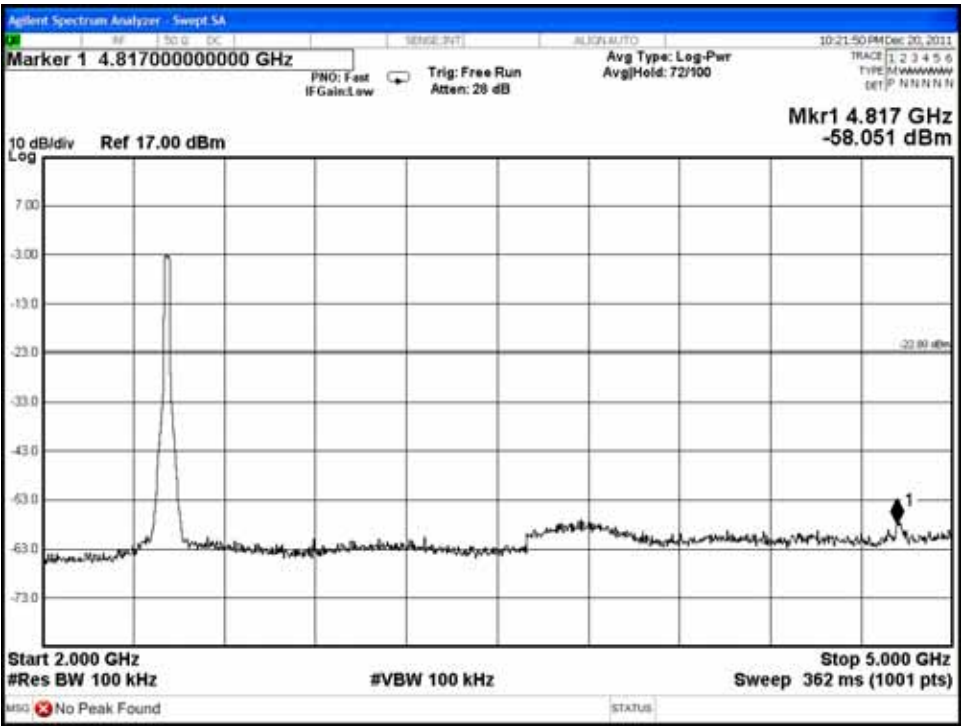
802.11b, Frequency: 2462MHz

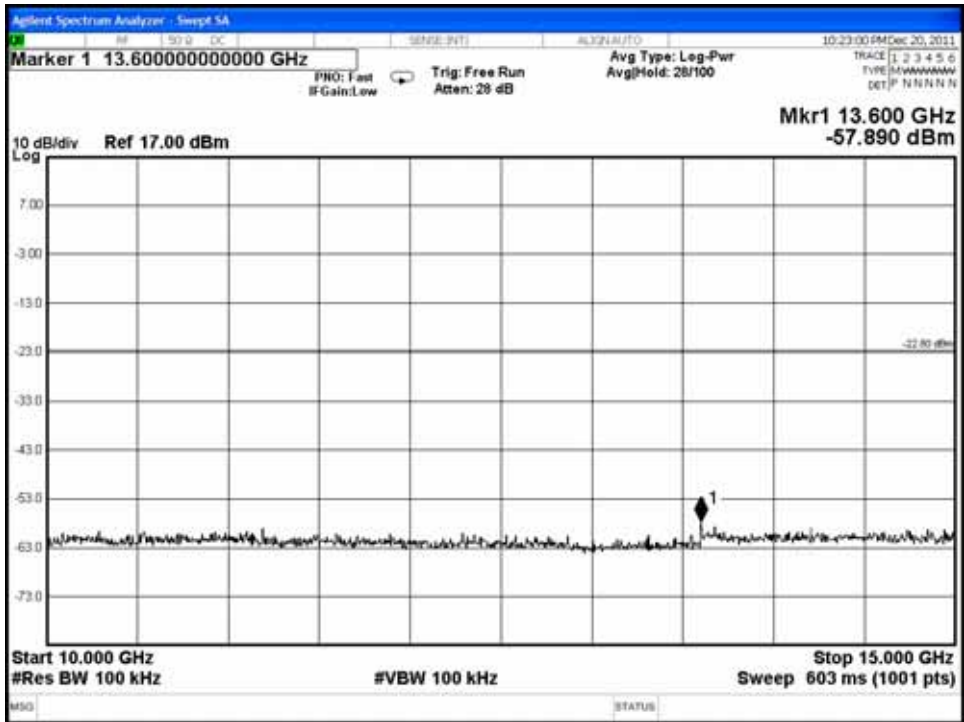
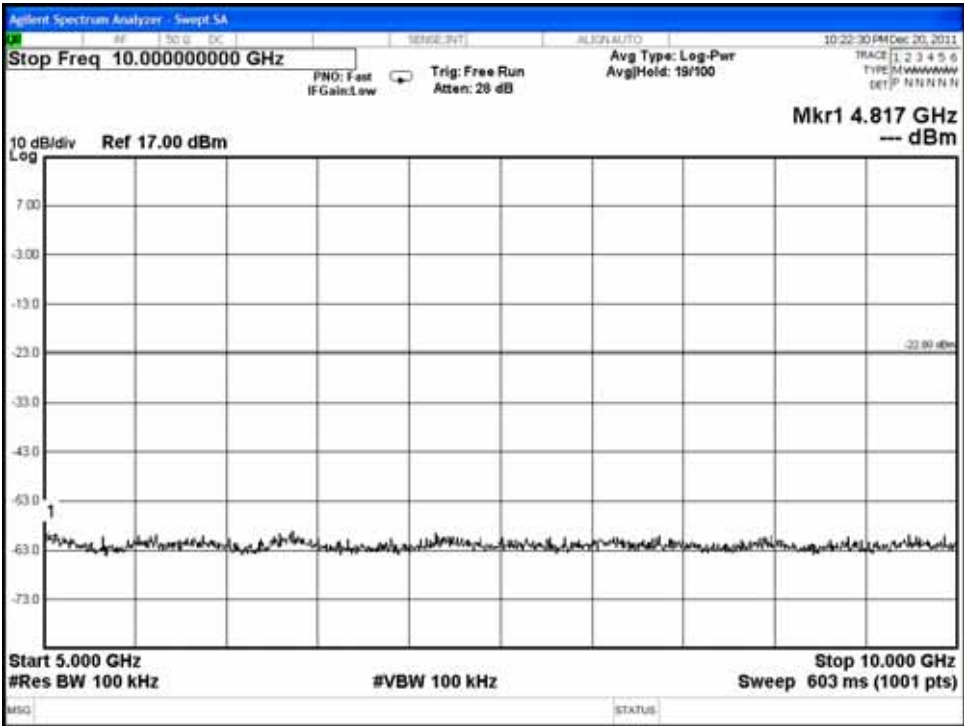


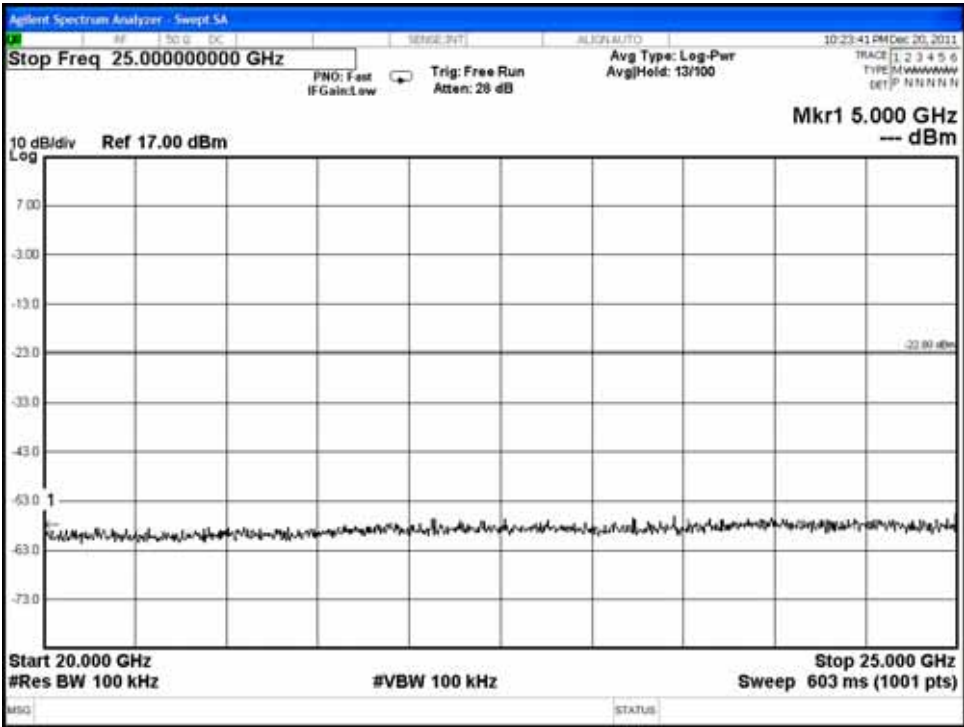
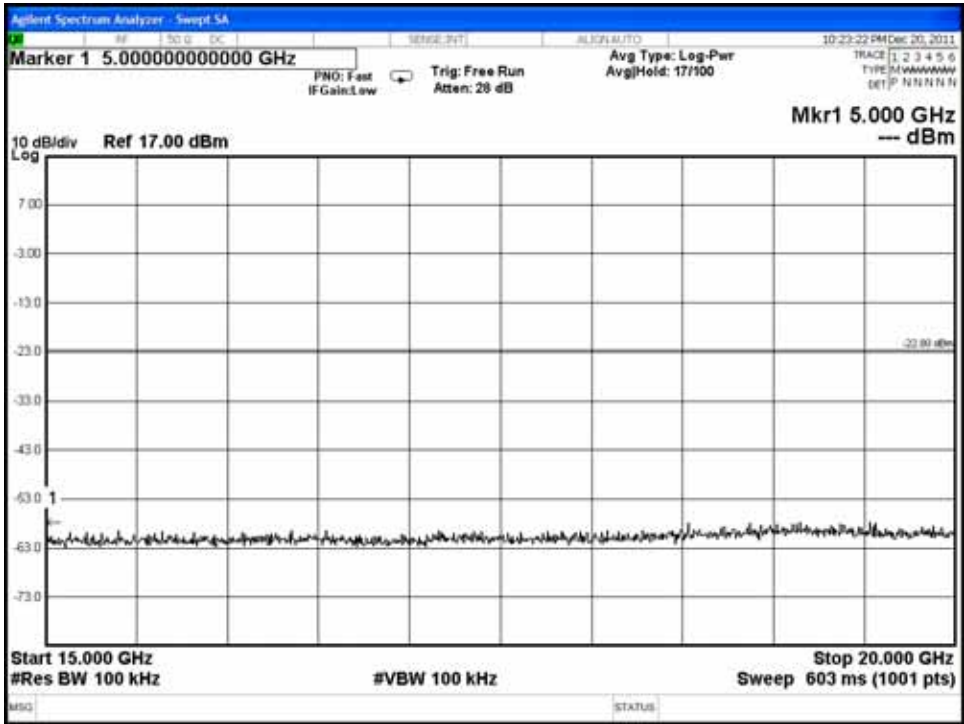




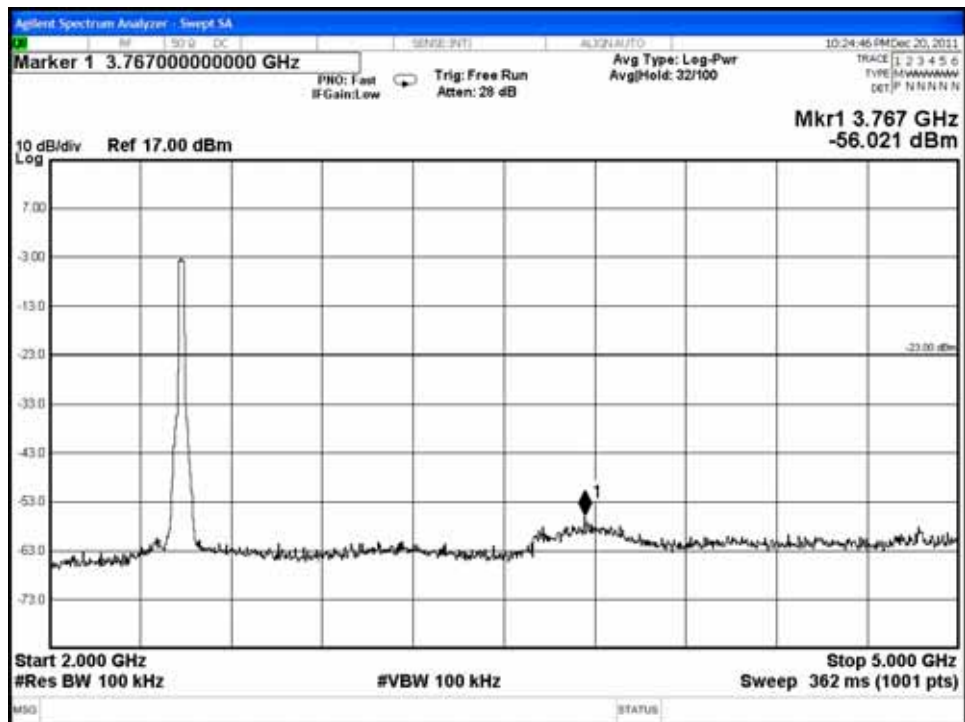
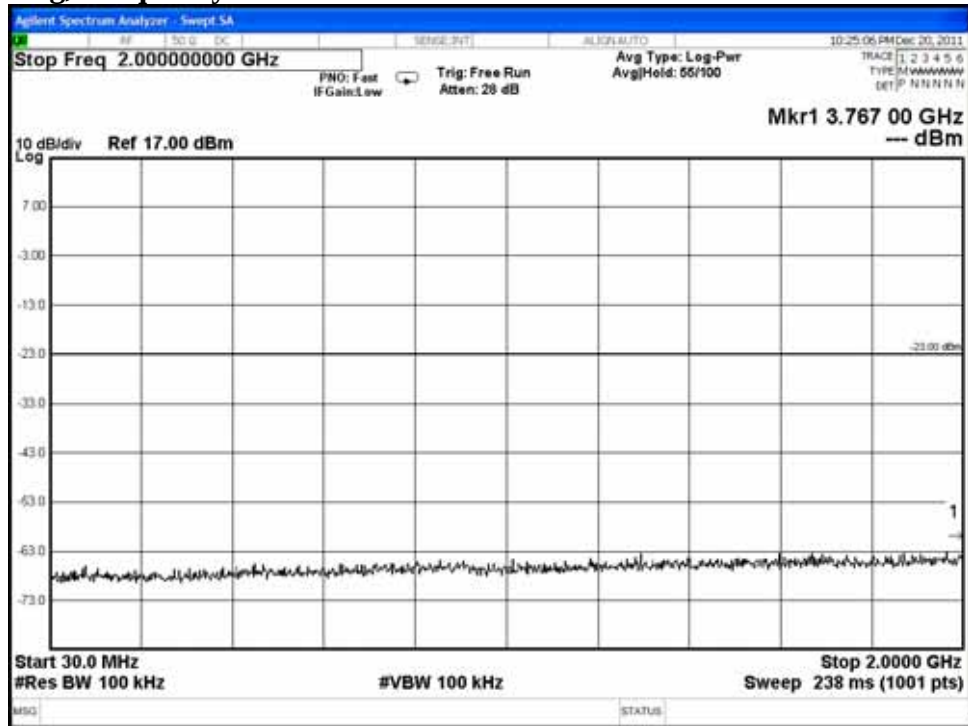
802.11g, Frequency: 2412MHz

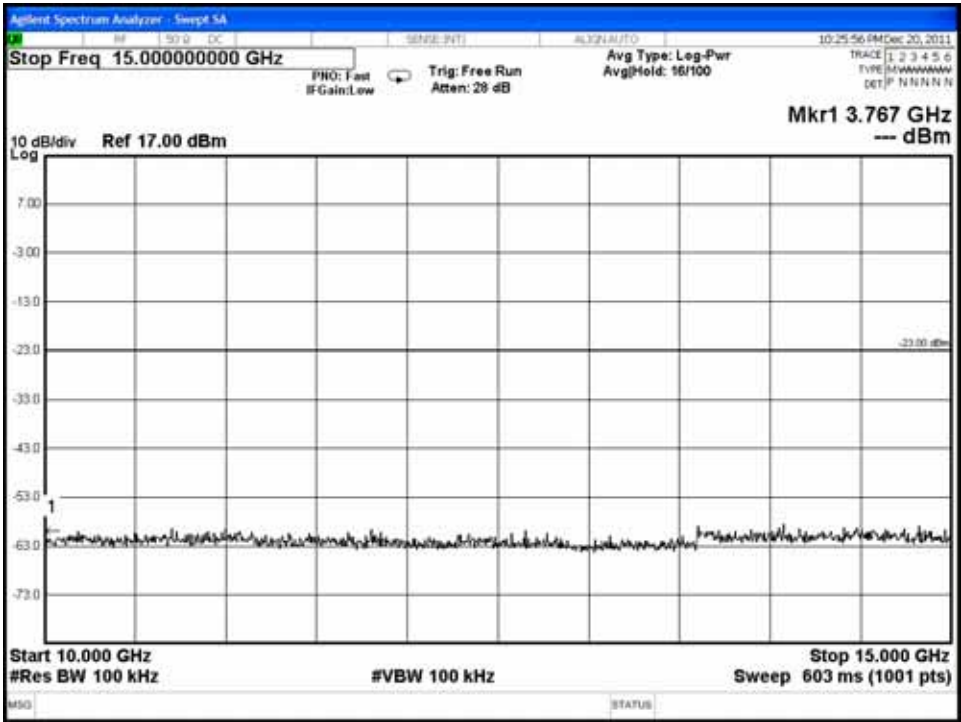


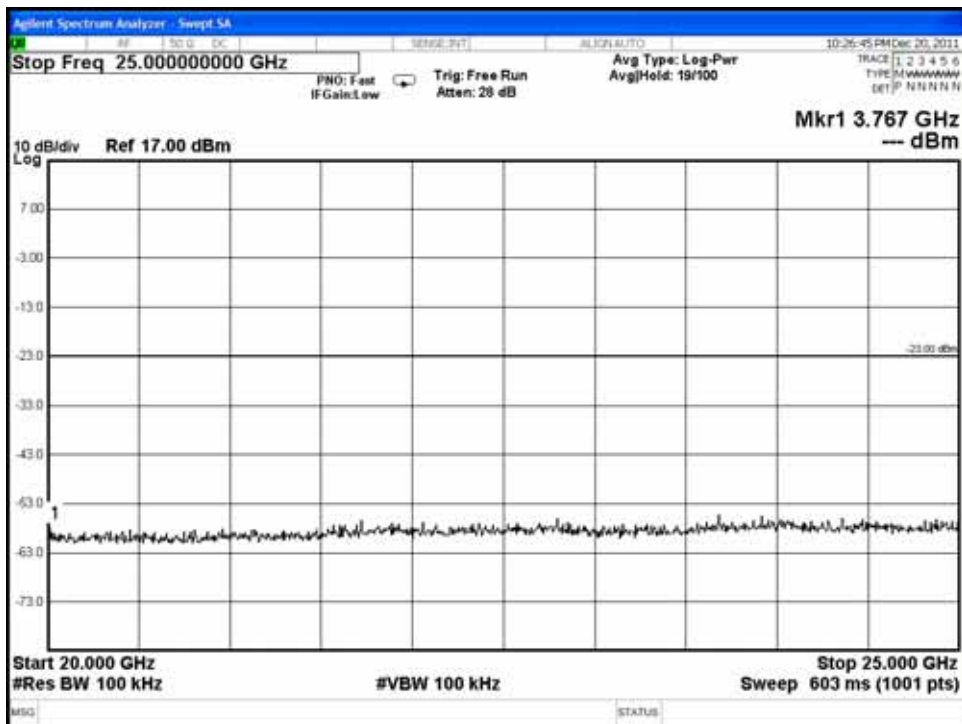
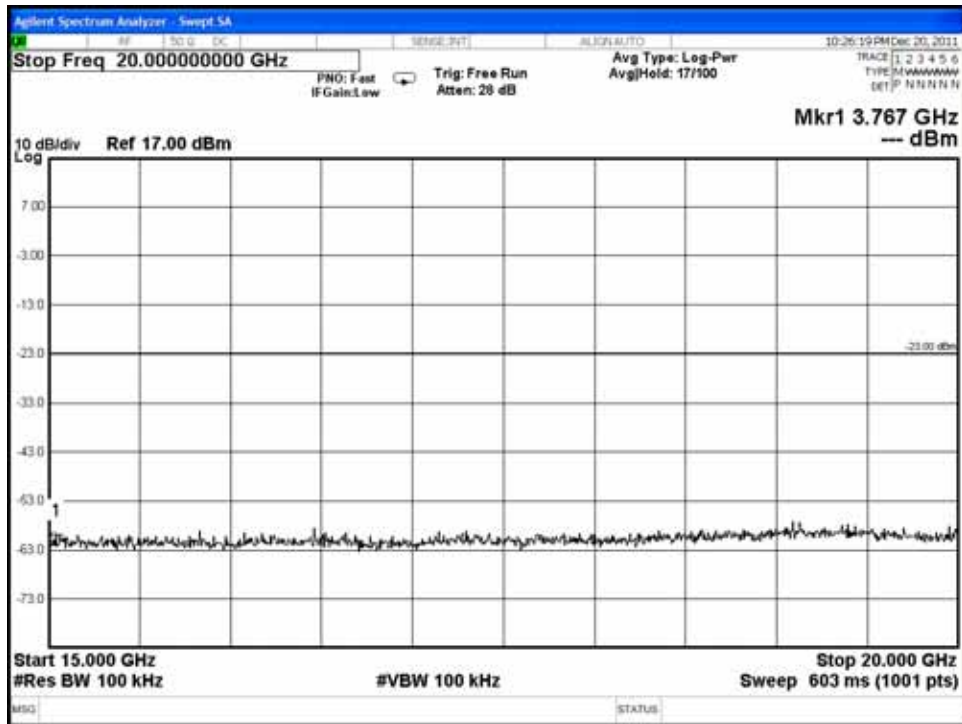




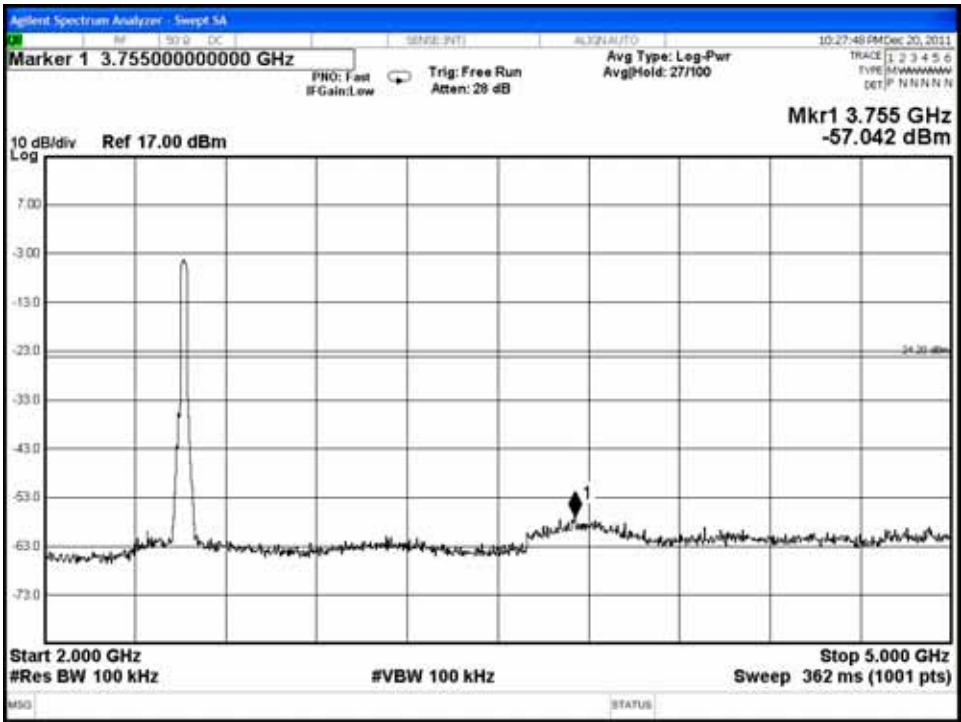
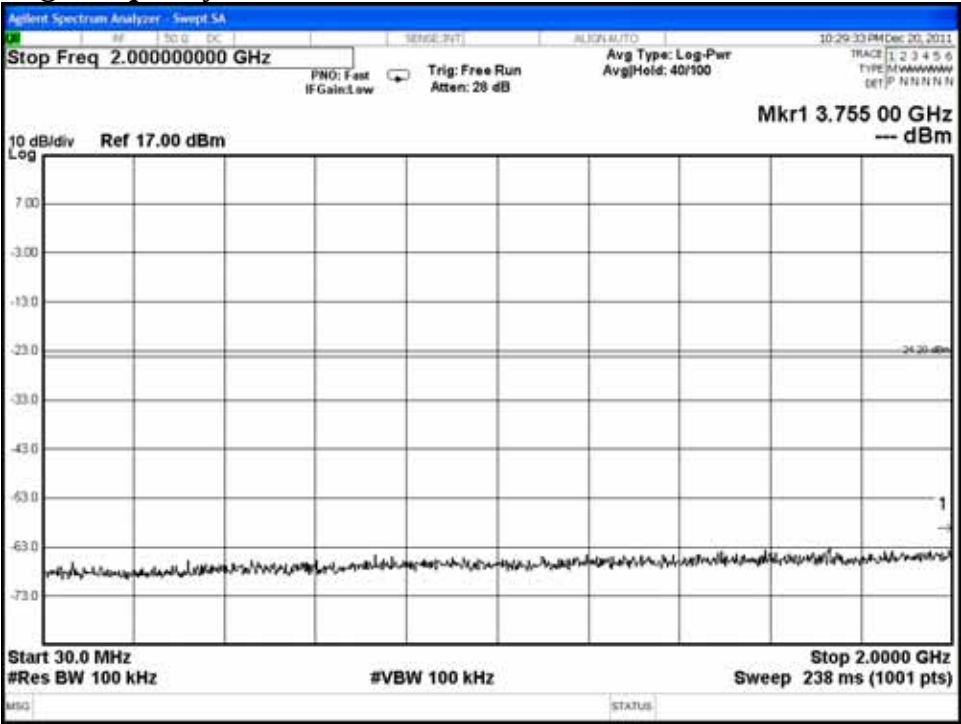
802.11g, Frequency: 2437MHz

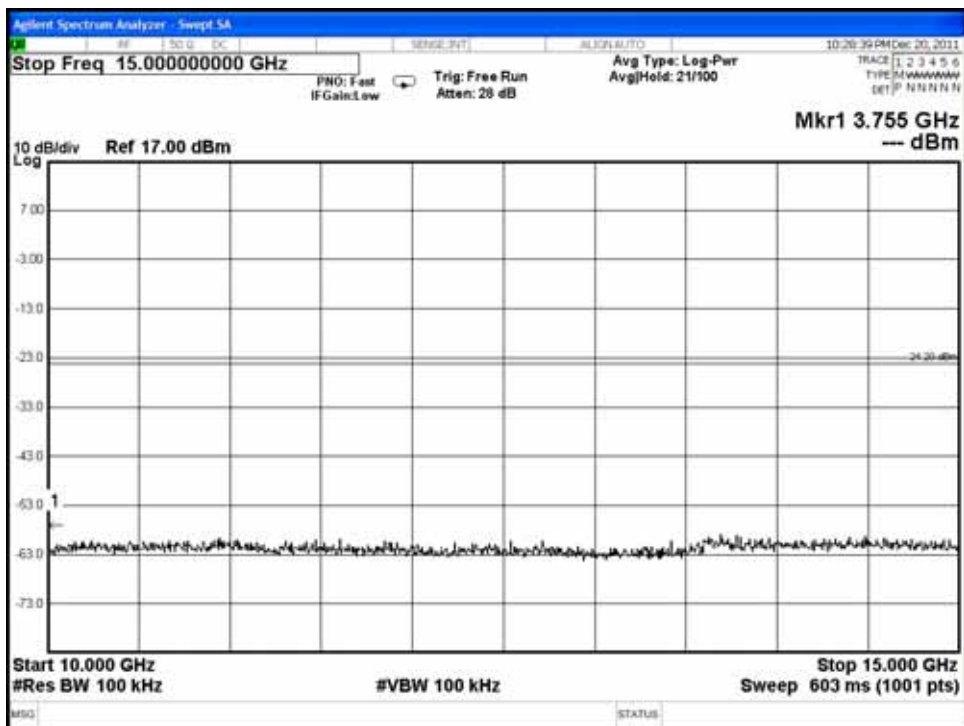
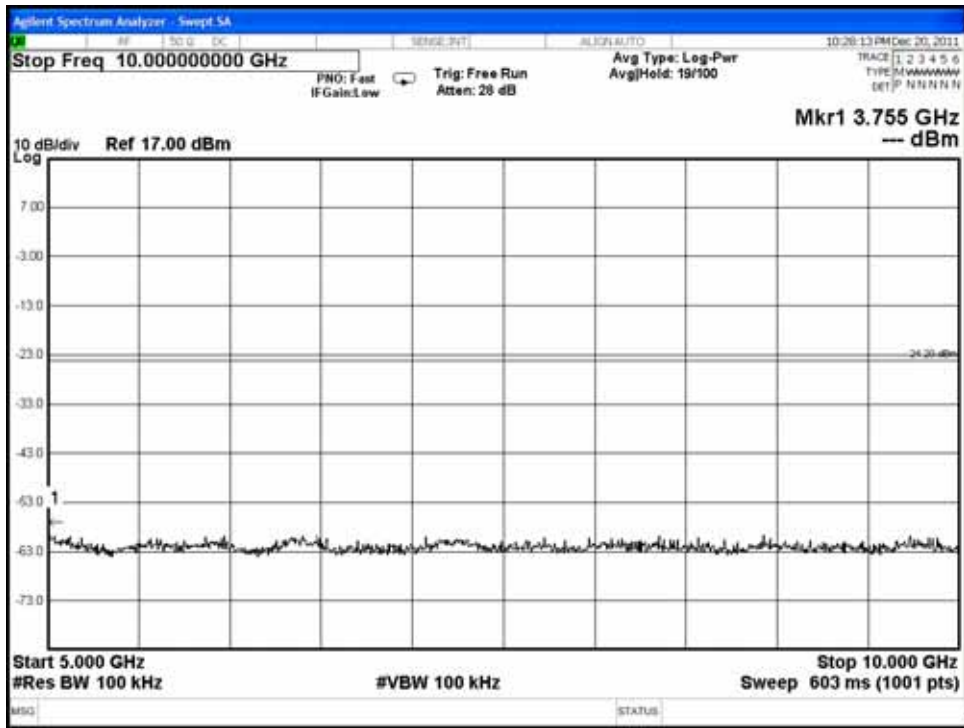


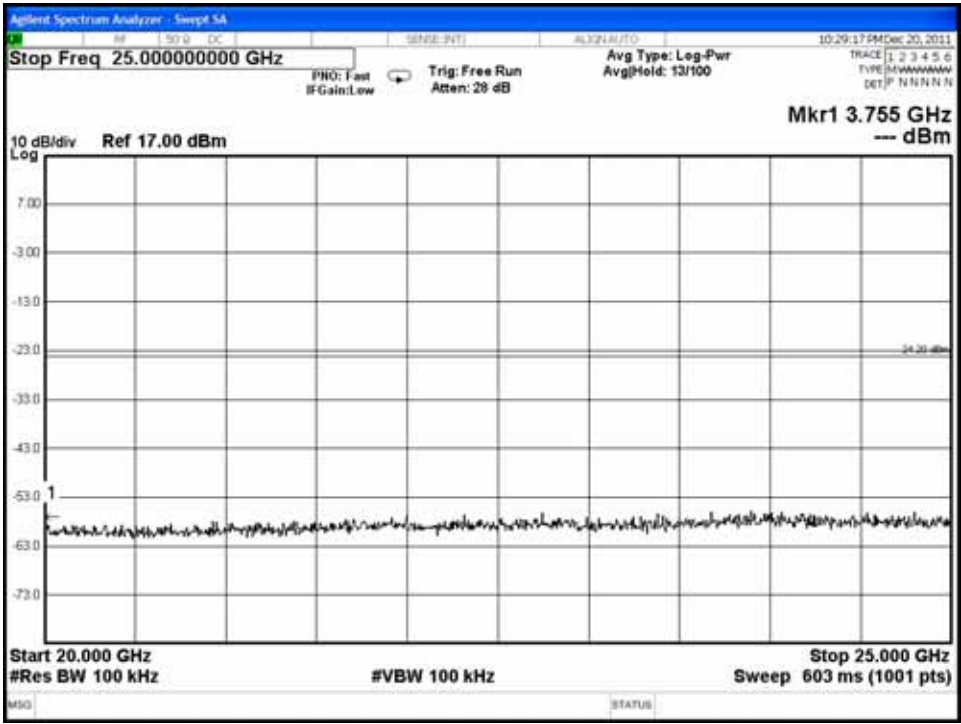
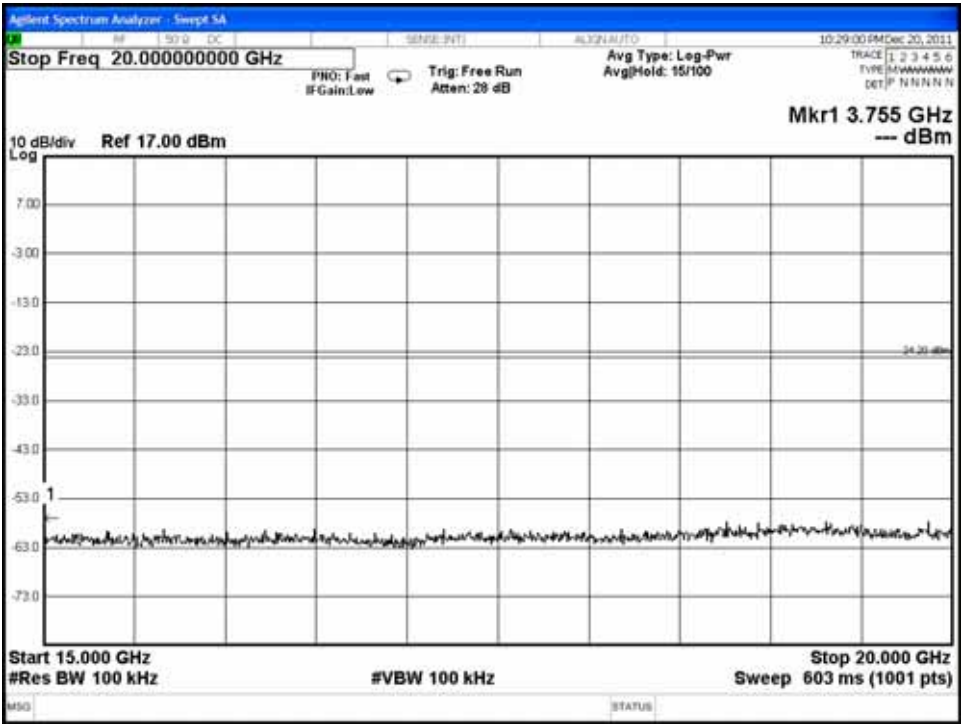




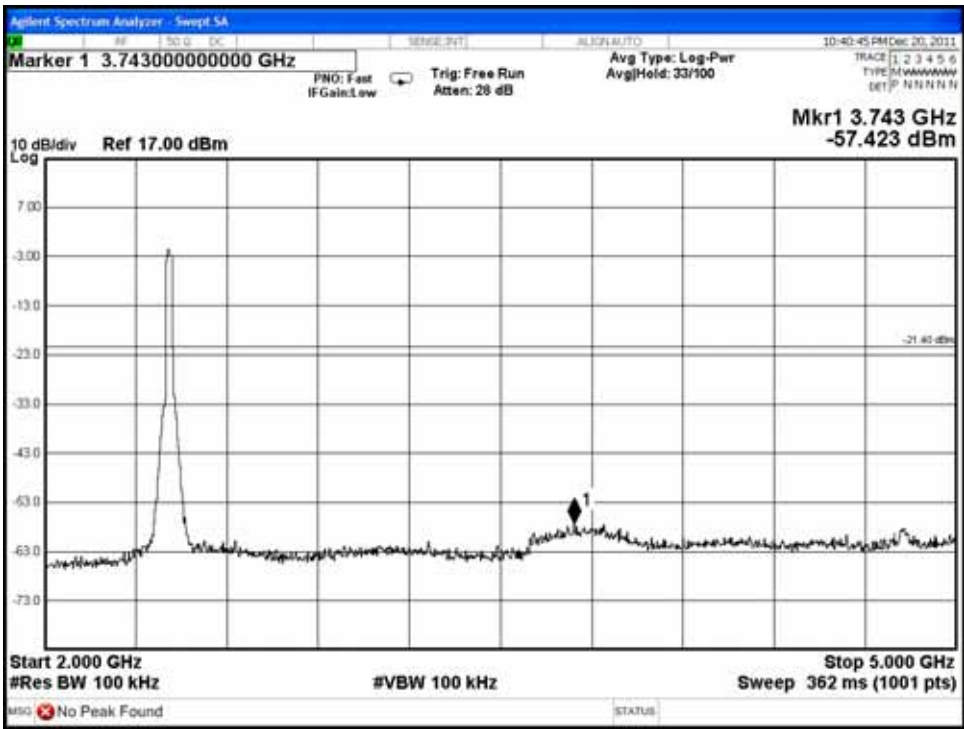
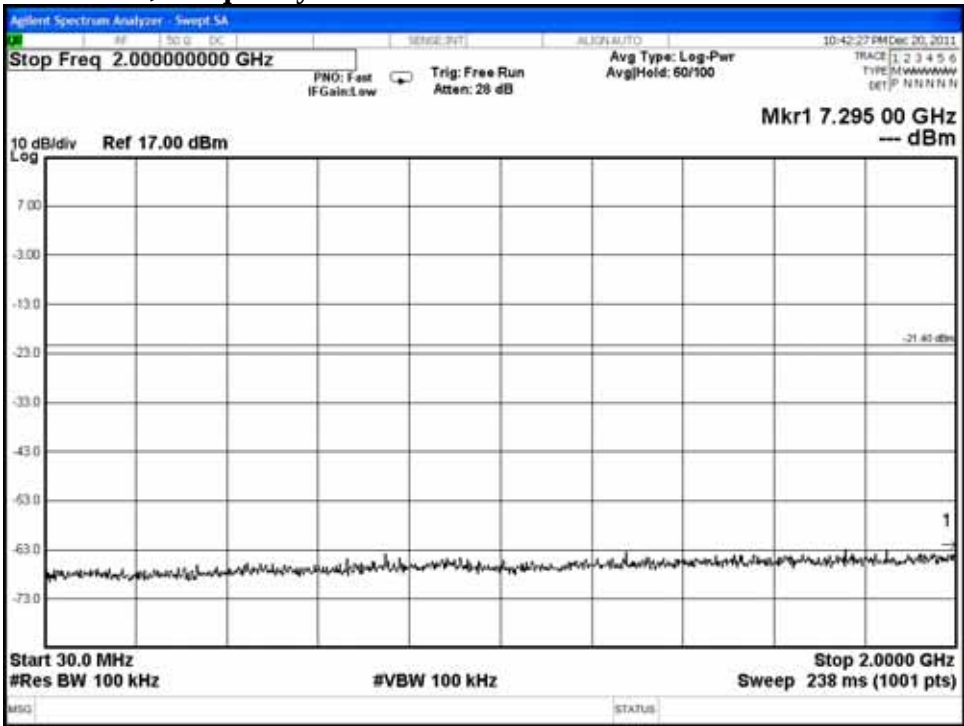
802.11g, Frequency: 2462MHz

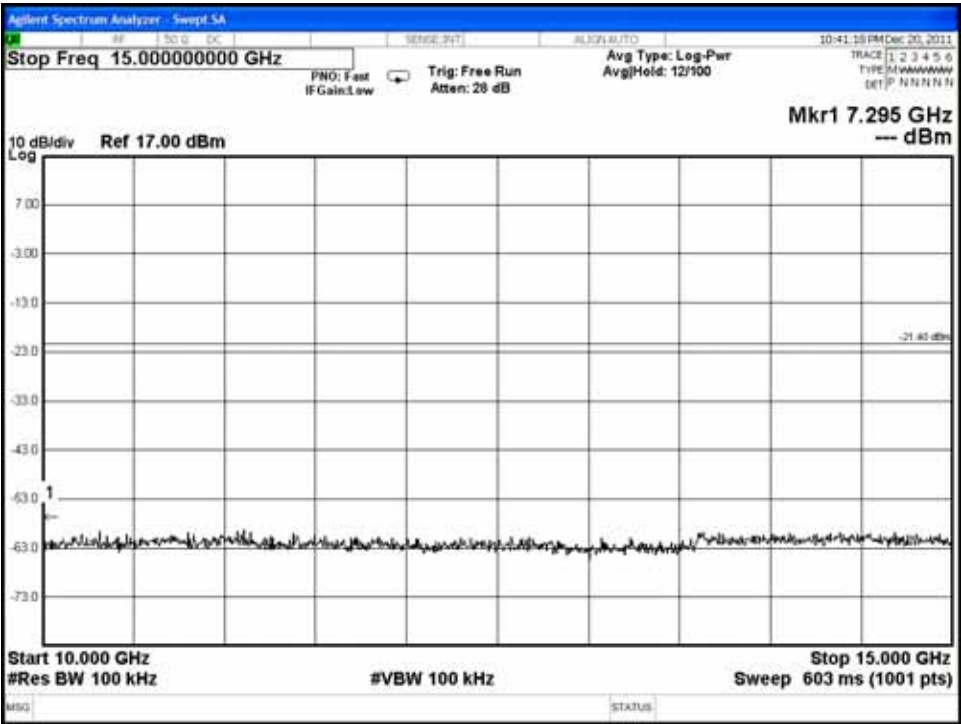
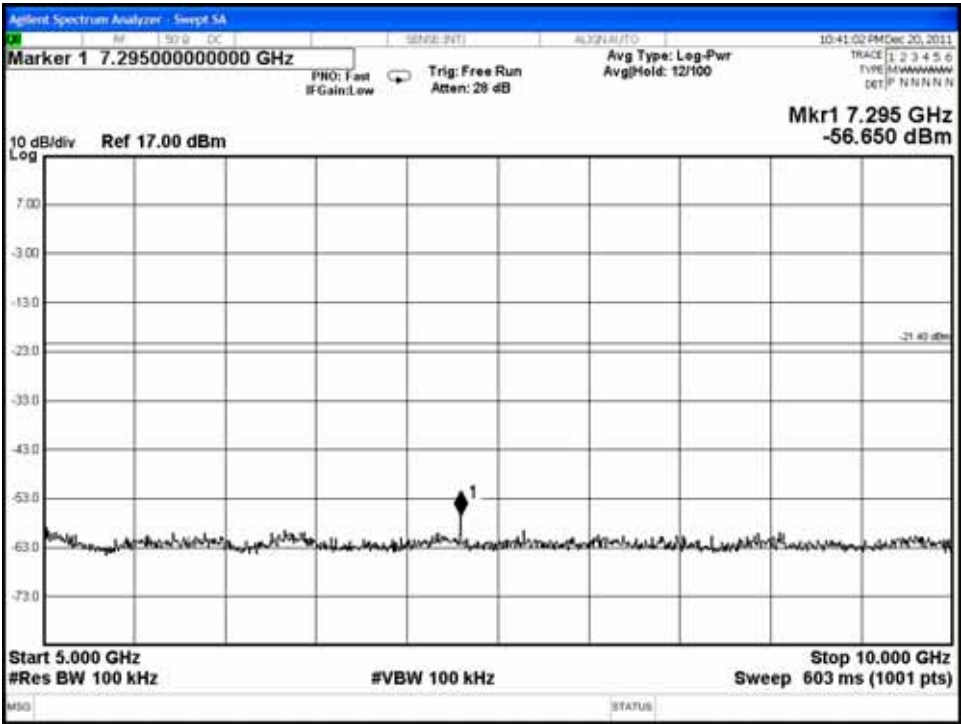


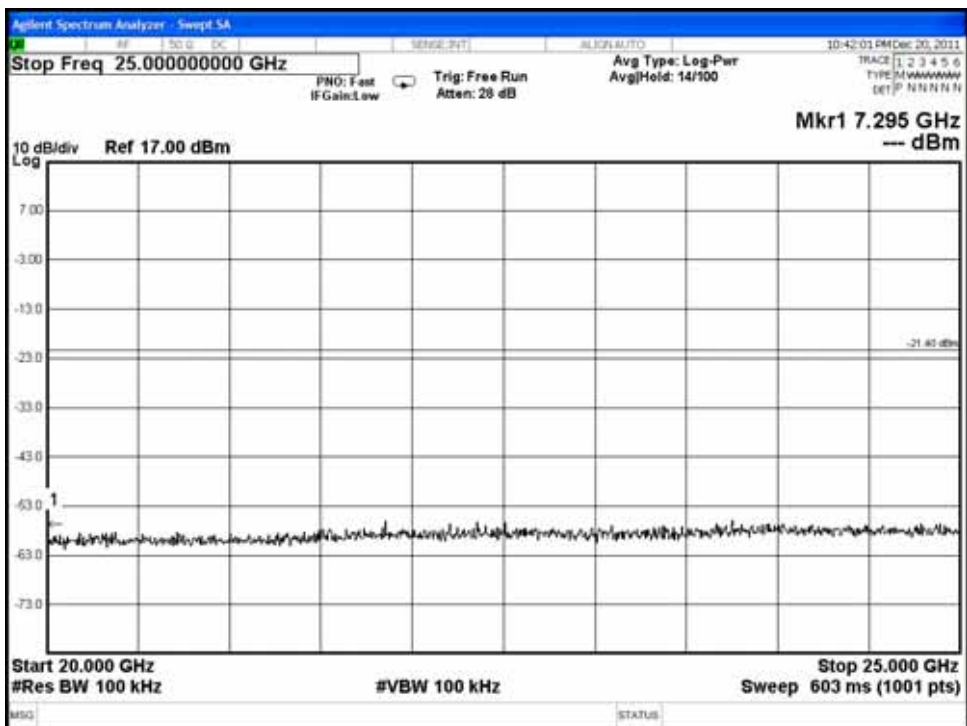
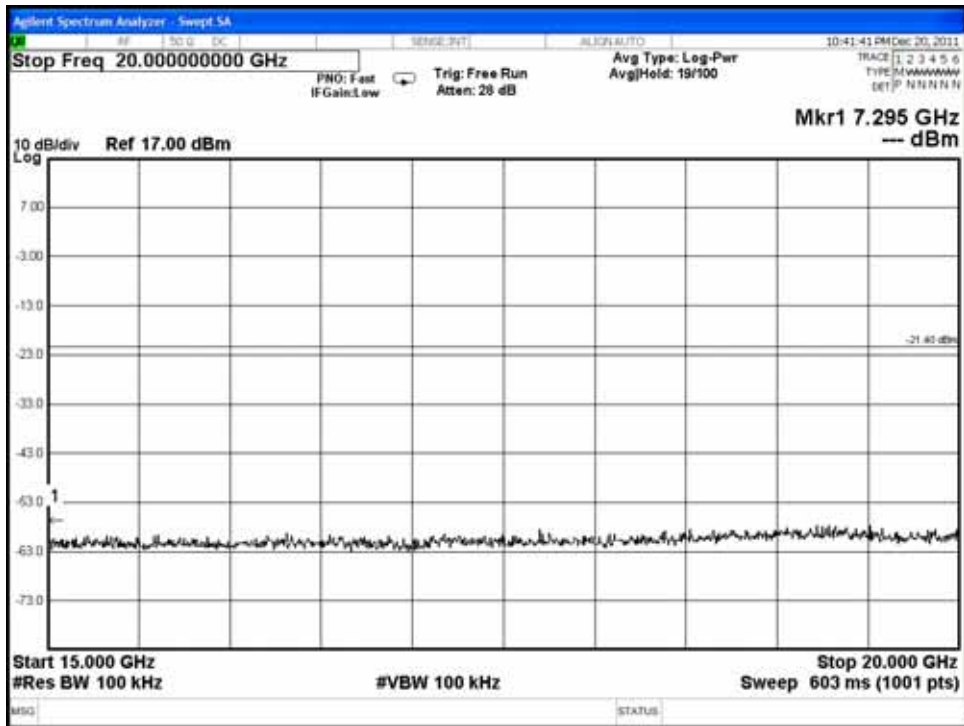




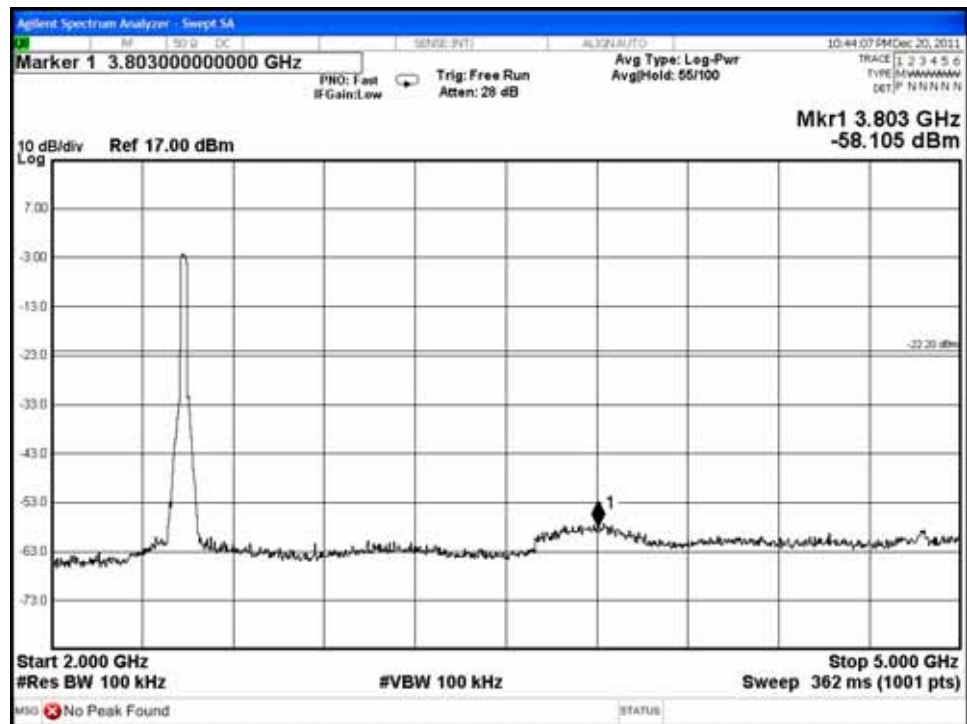
802.11n-HT20, Frequency: 2412MHz

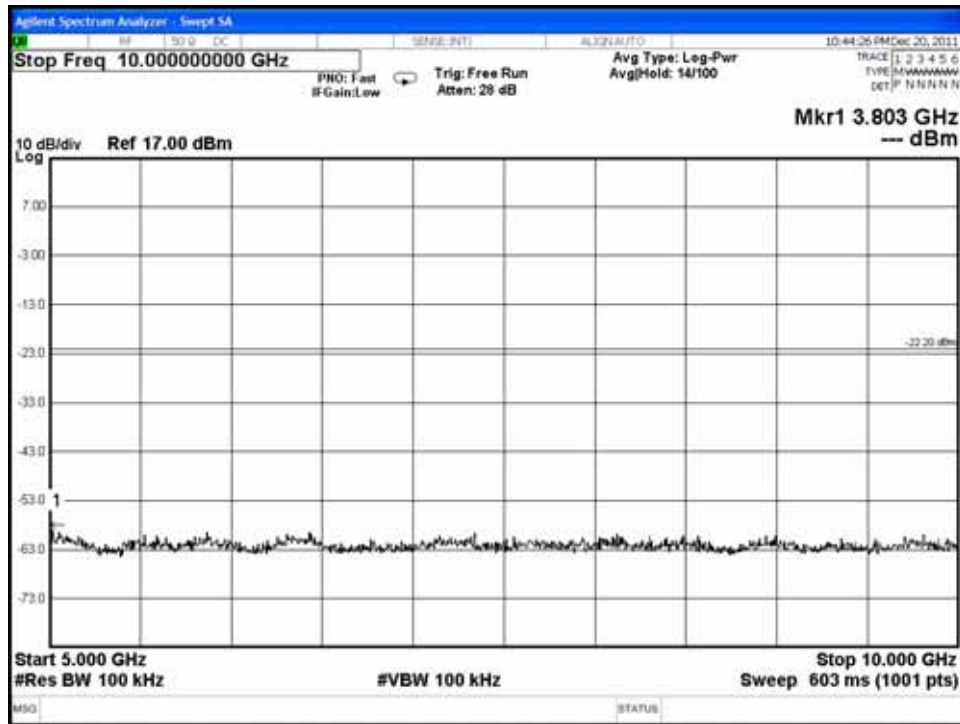


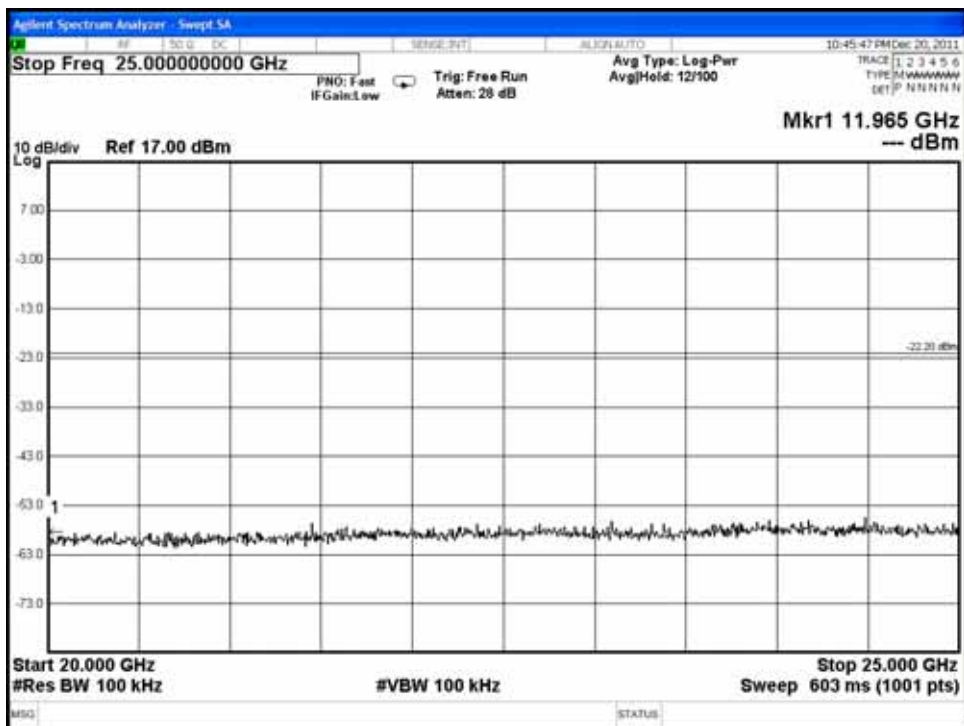


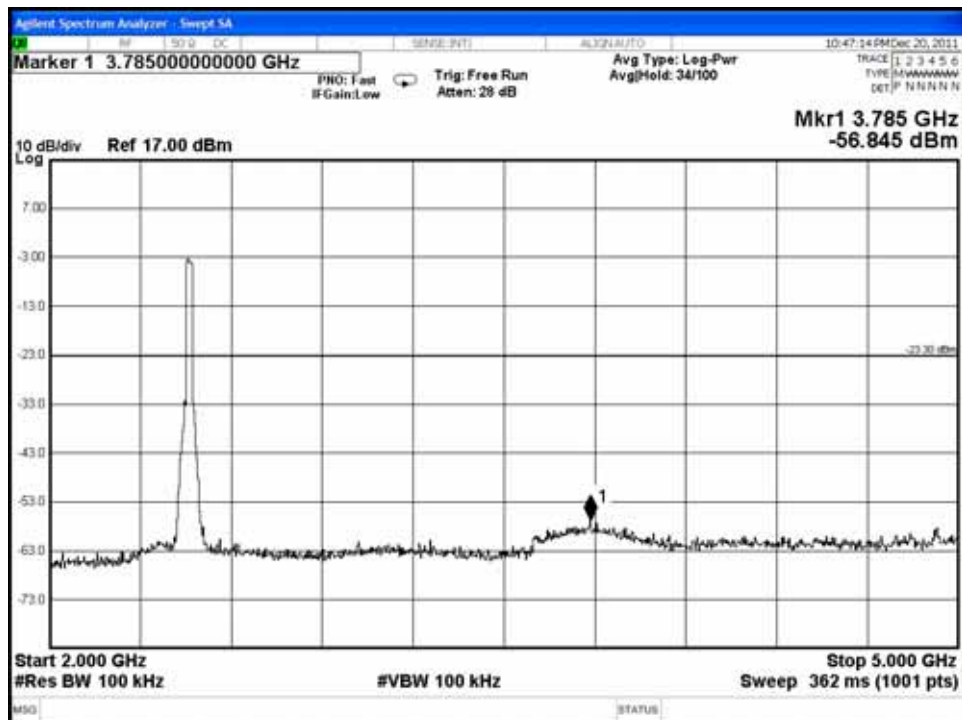


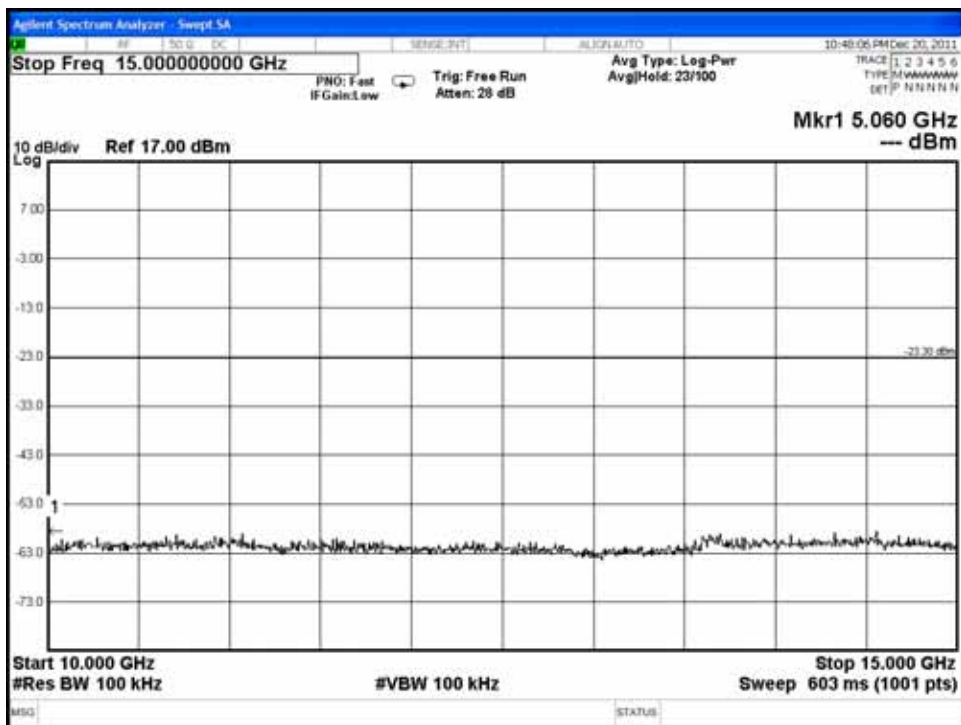
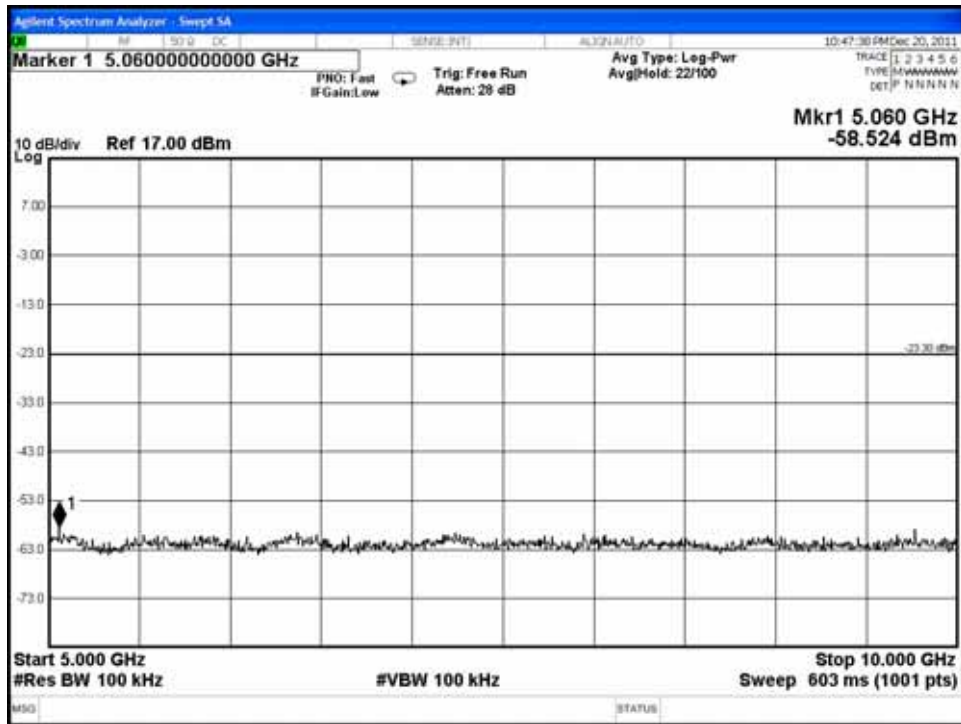
802.11n-HT20, Frequency: 2437MHz

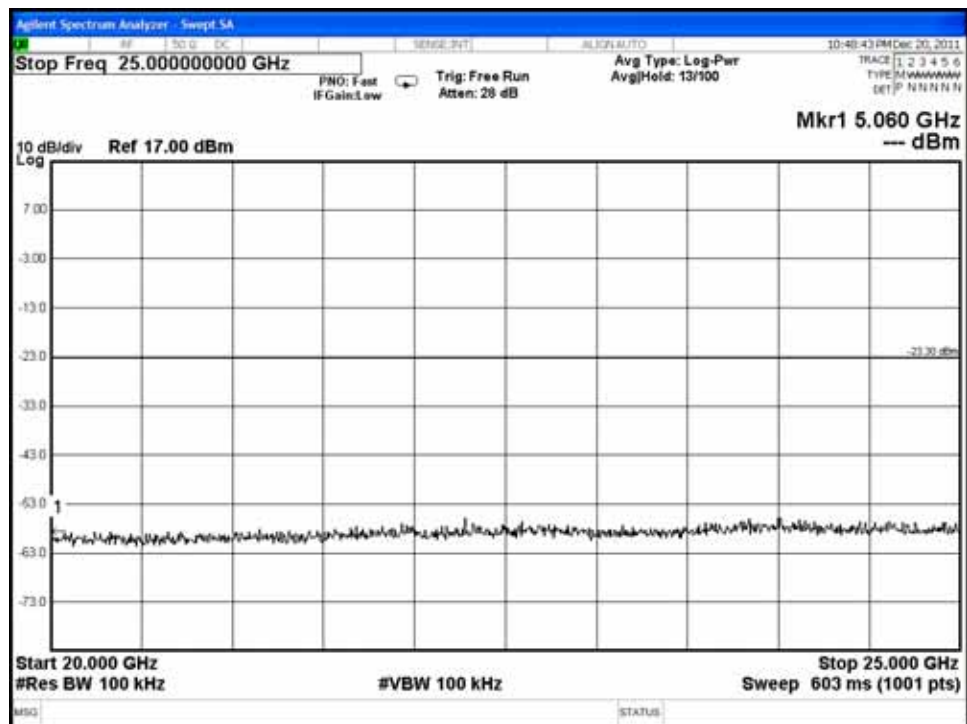
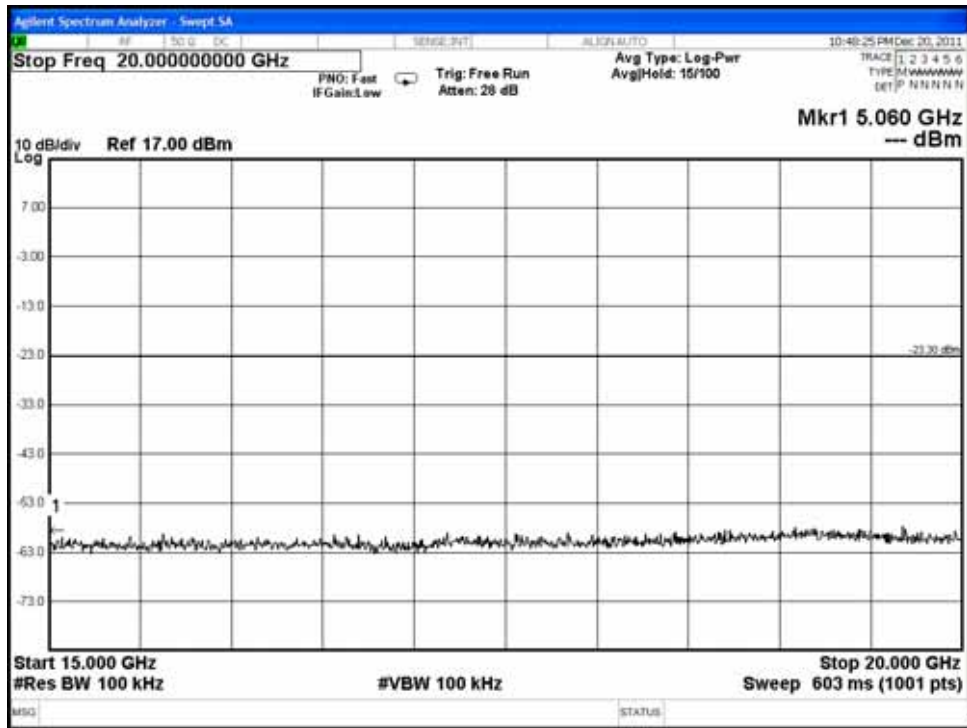




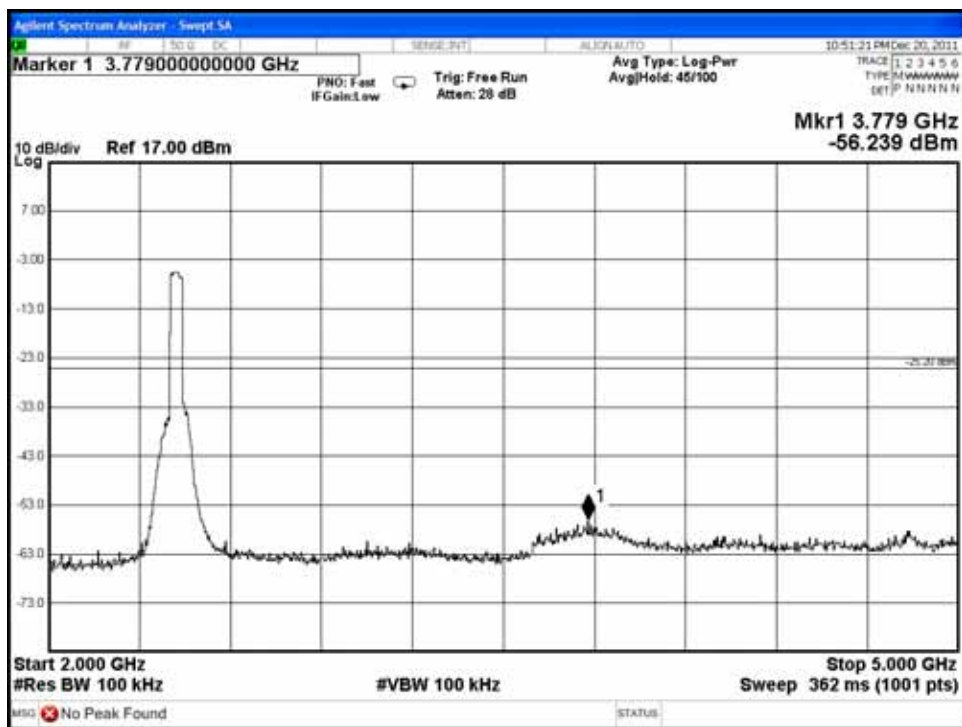
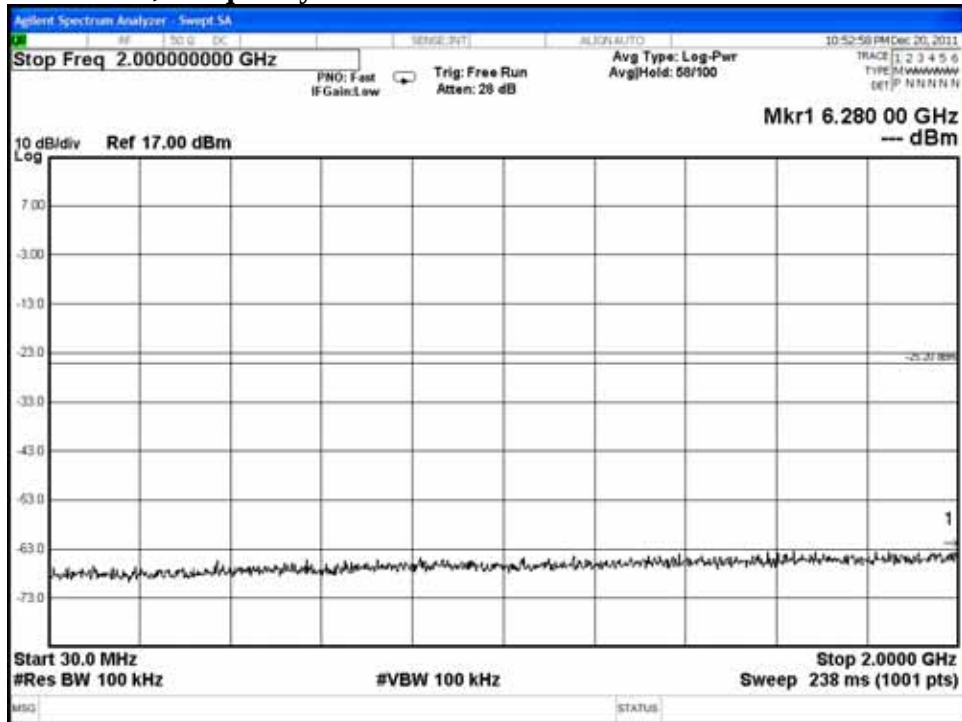


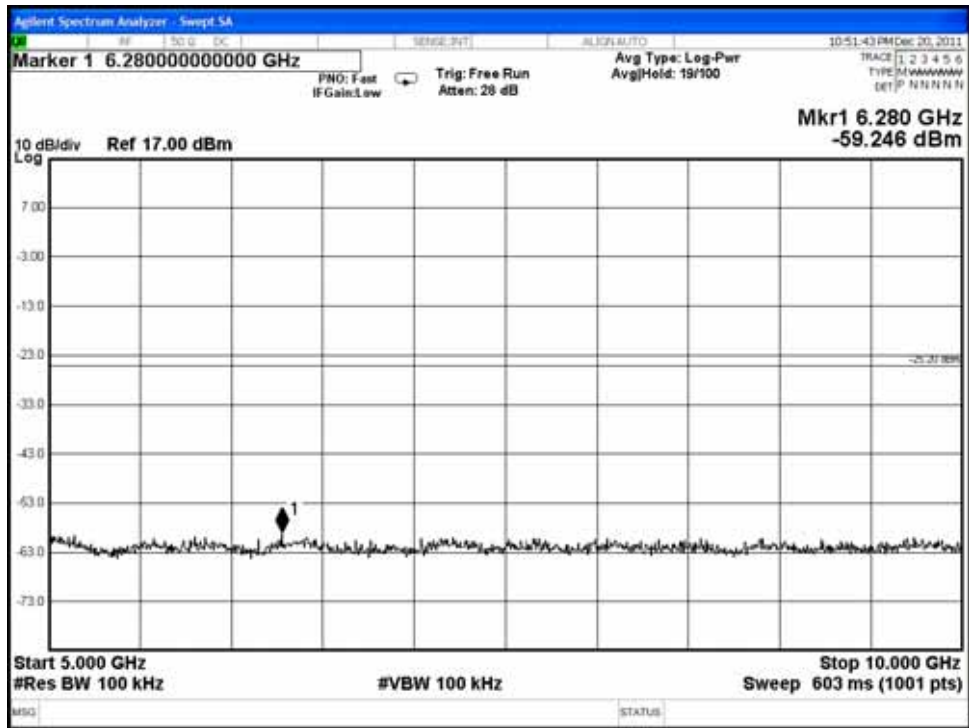
802.11n-HT20, Frequency: 2462MHz

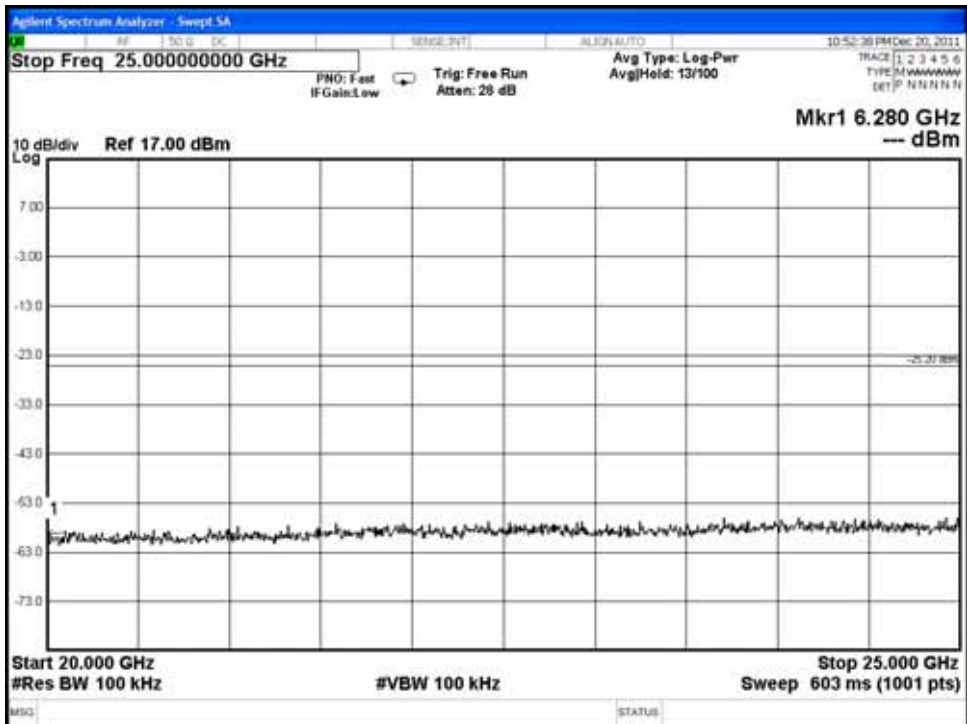
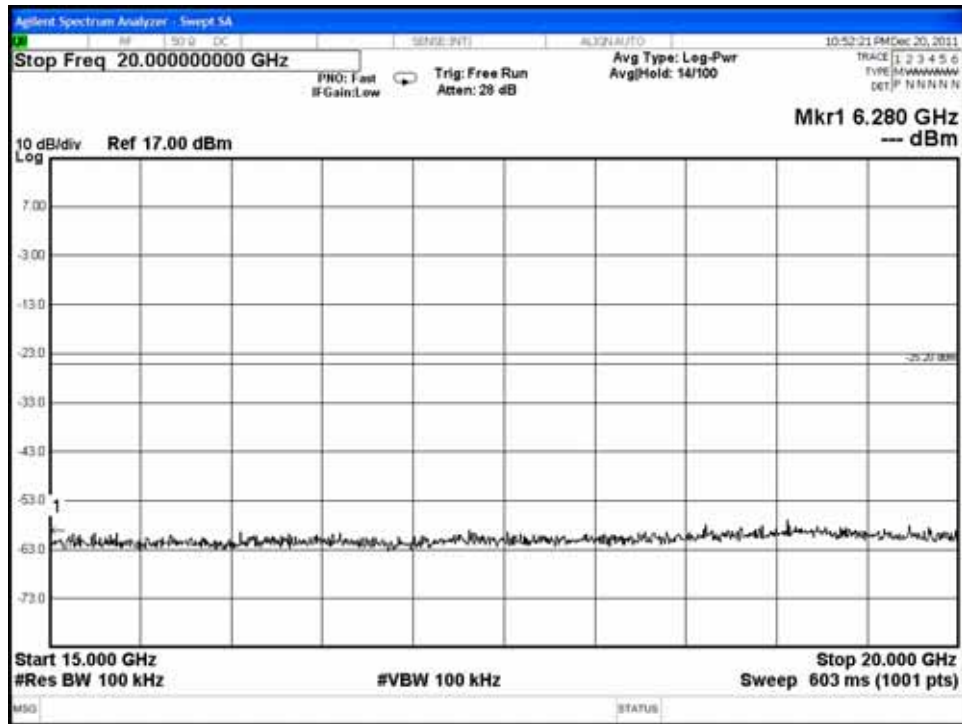




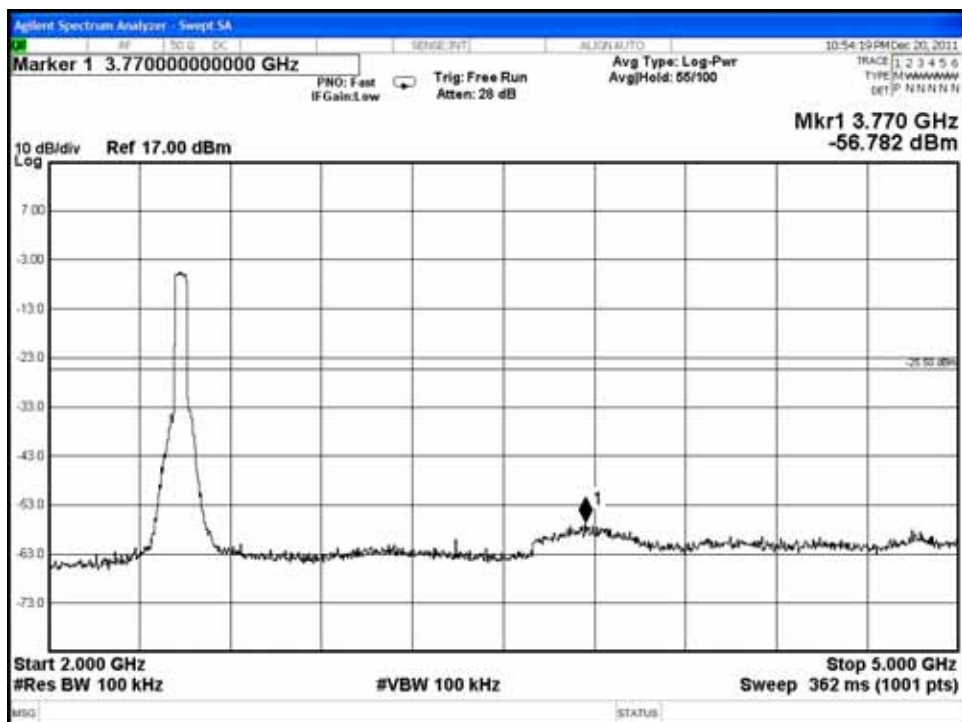
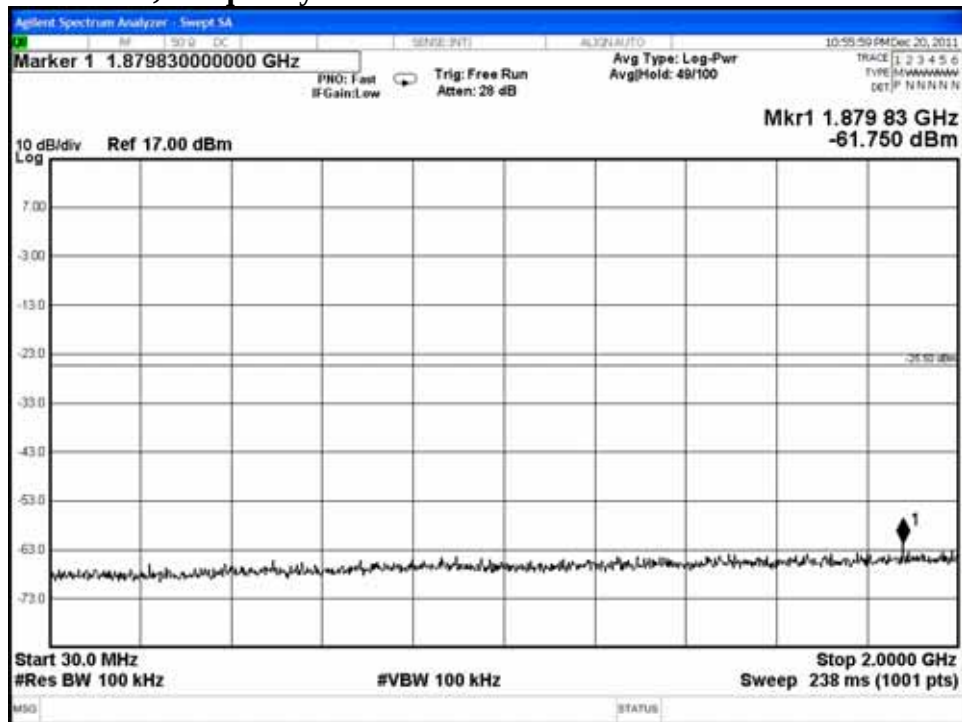
802.11n-HT40, Frequency: 2422MHz

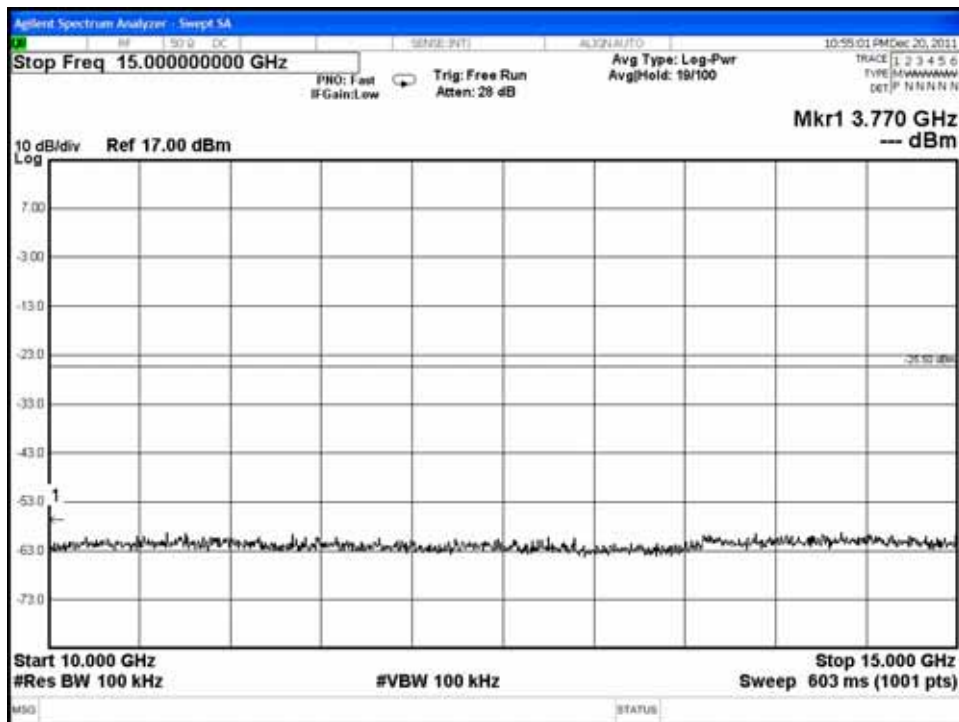
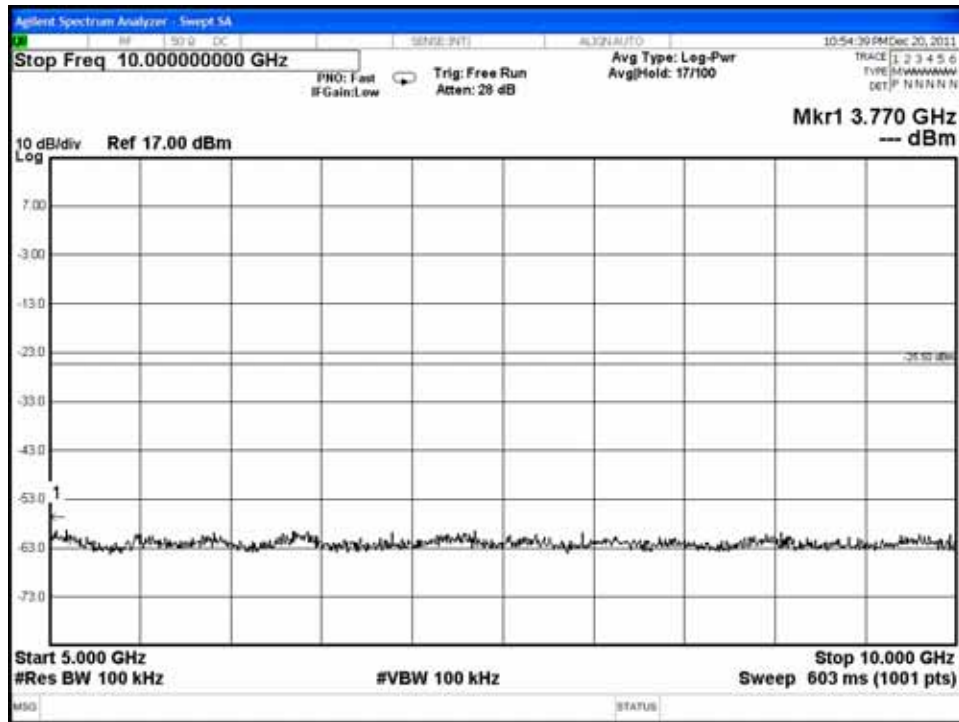


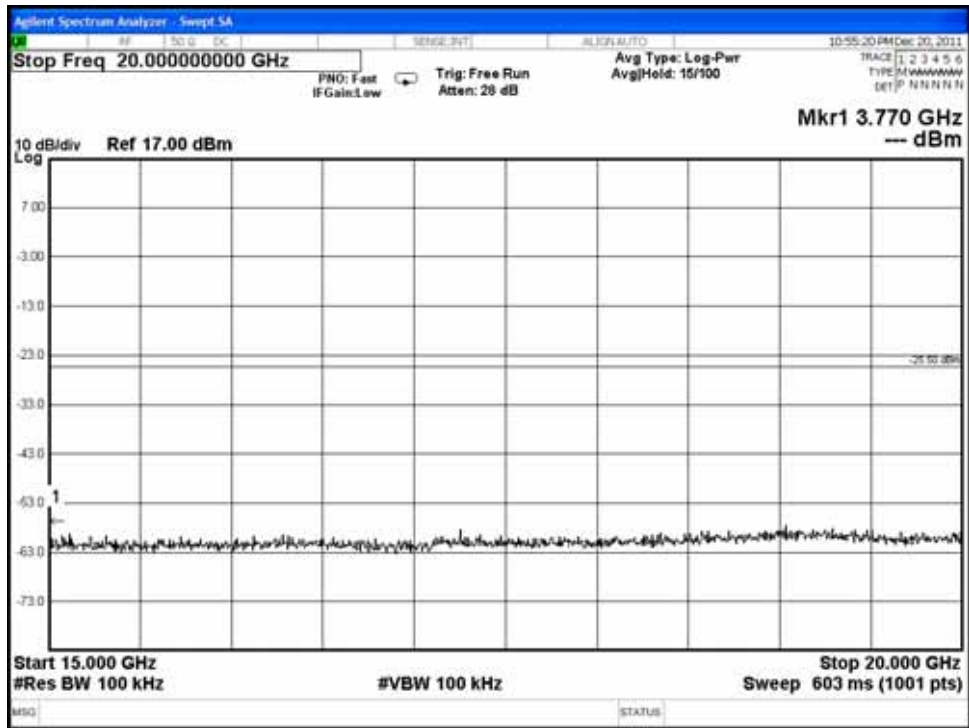




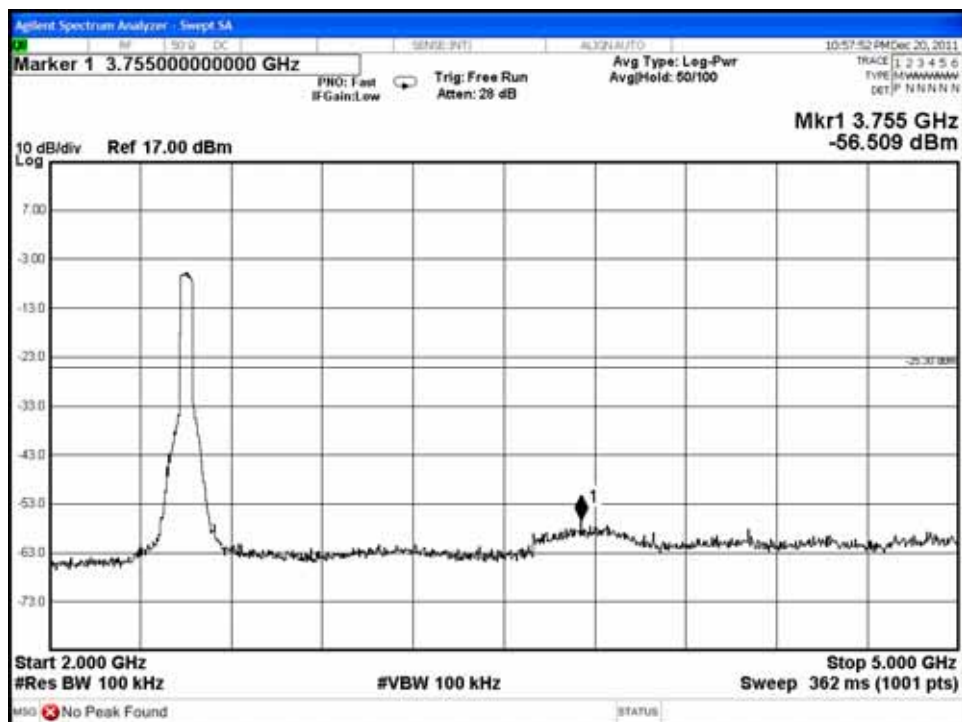
802.11n-HT40, Frequency: 2437MHz

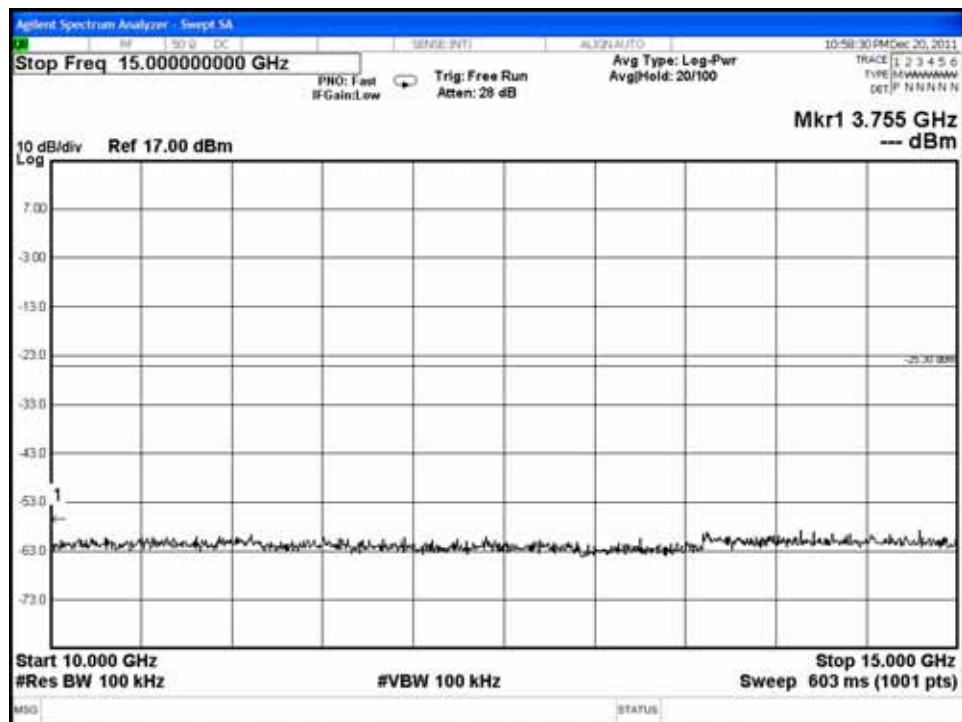
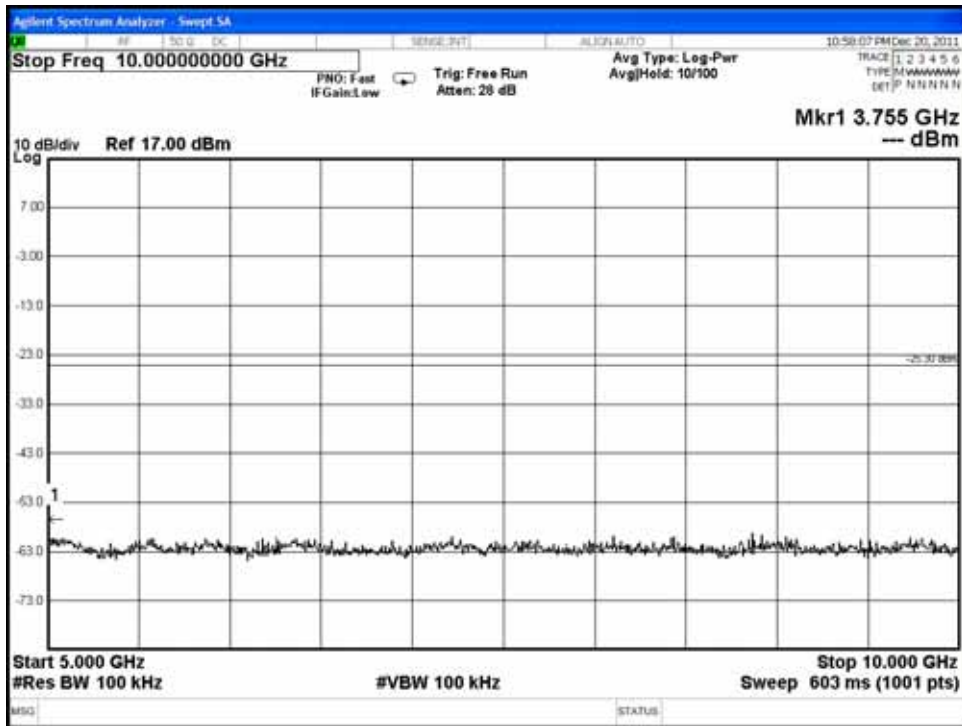


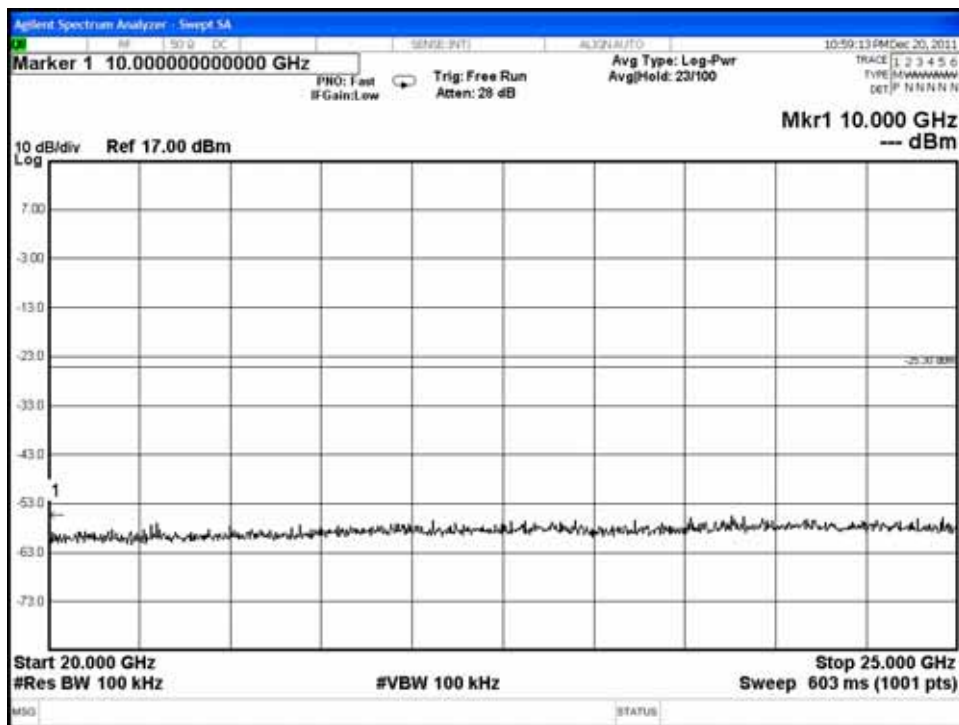
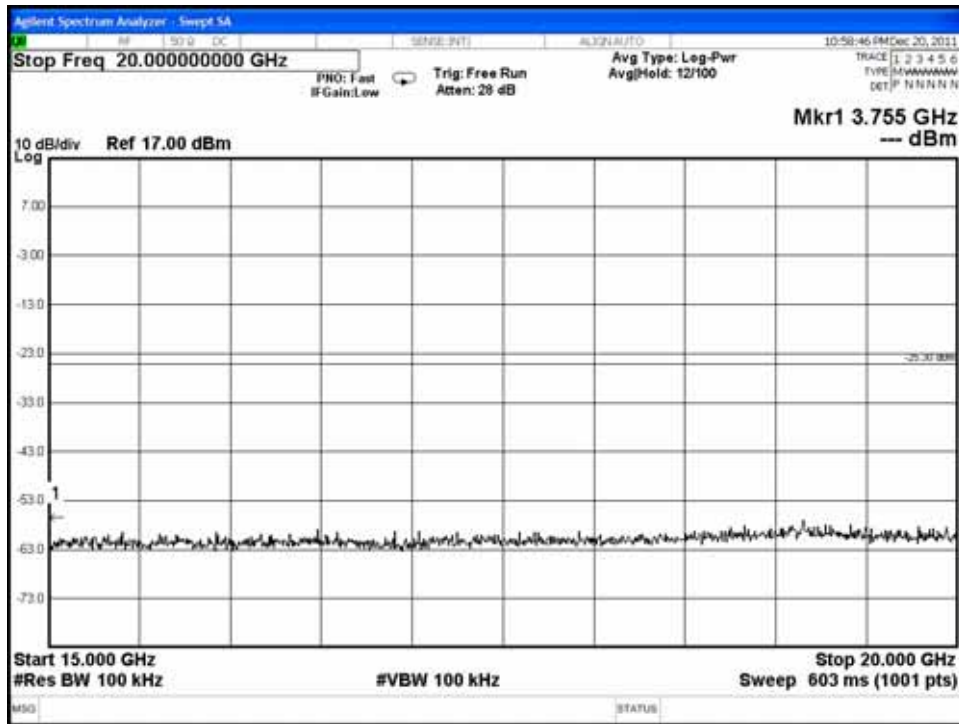




802.11n-HT40, Frequency: 2452MHz







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 Monitor	Agilent	E4446A	US44300366	Aug. 04, 11'	Aug. 03. 12'

7.2. Block Diagram of Test Setup

The same as section.4.2.

7.3. Specification Limits (§15.247(c))

The highest level should be at least 20 dB below that in the 100kHz bandwidth.

7.4. Operating Condition of EUT

Same as 6dB bandwidth measurement which was listed in 4.4 except the test set up replaced by section 7.2.

7.5. Test Procedure

The RF output of EUT was connected to the spectrum analyzer. Set both RBW and VBW of spectrum analyzer to 100kHz with suitable frequency span including 100kHz bandwidth from band edge.

The measurement guideline was according to KDB 558074.

7.6. Test Results

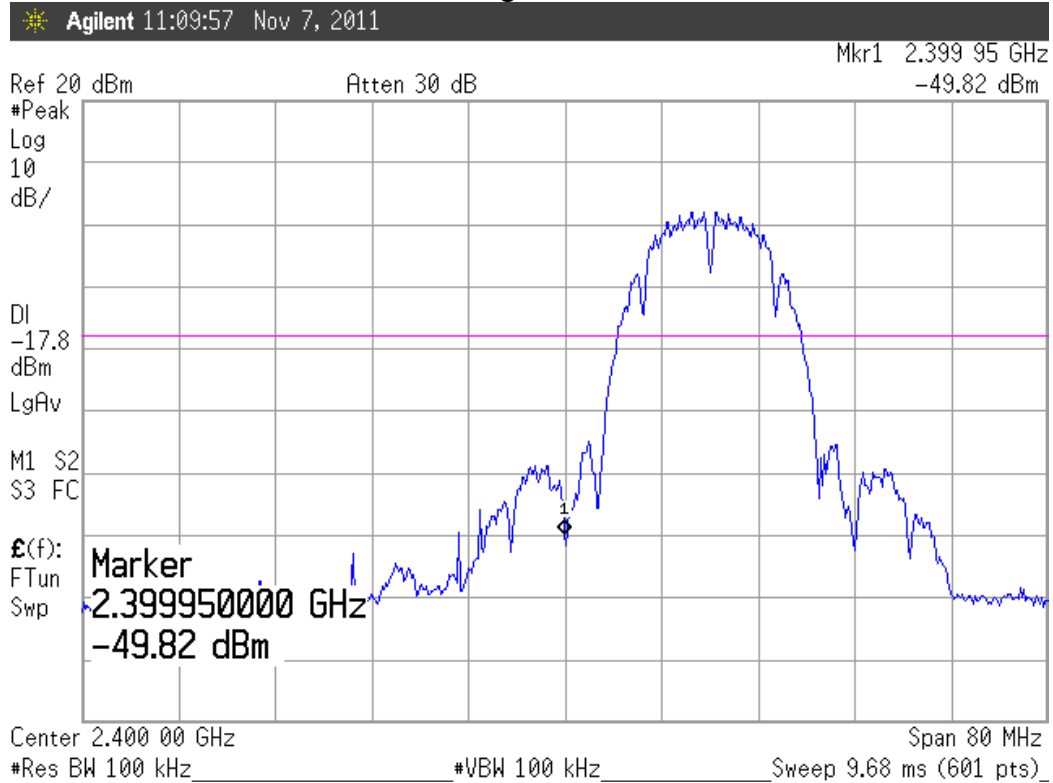
PASSED. All the test results are listed in next page.

Test Date: Nov. 07, 2011 Temperature: 26 Humidity: 53 %

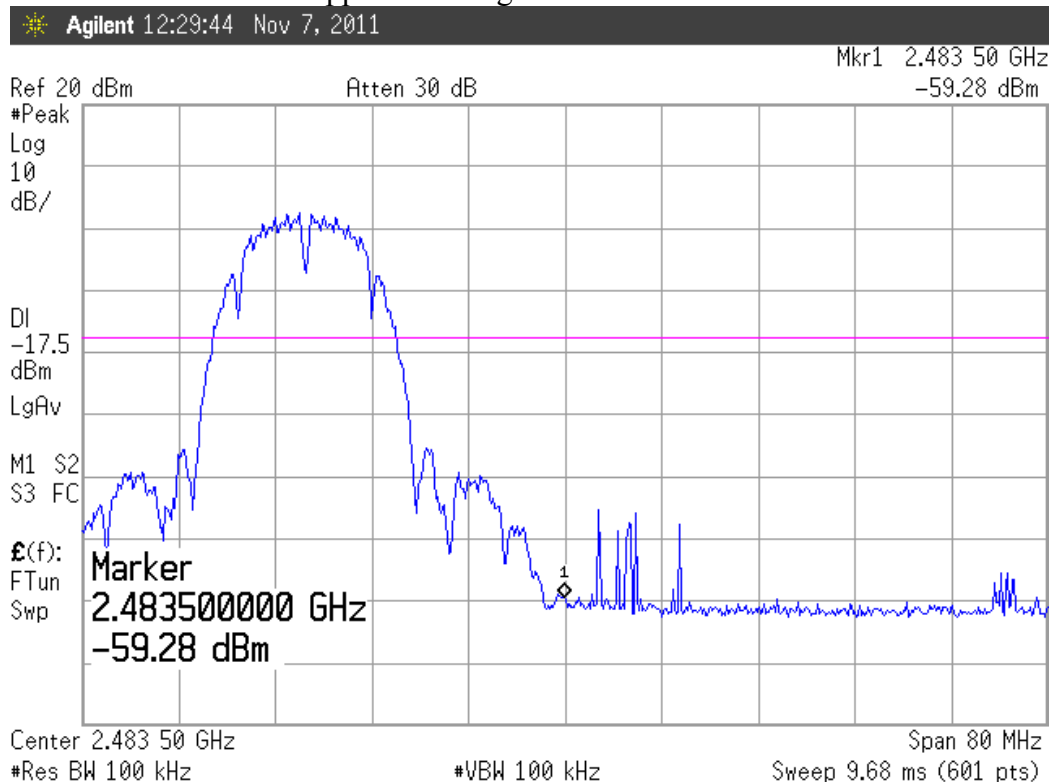
7.6.1. Test Mode: WLAN (802.11b)

1. Below Band edge: The highest emission level is -49.82dBm on 2.39995GHz_o
2. Upper Band edge : The highest emission level is -59.28dBm on 2.48350GHz_o

7.6.1.1. Below Band edge



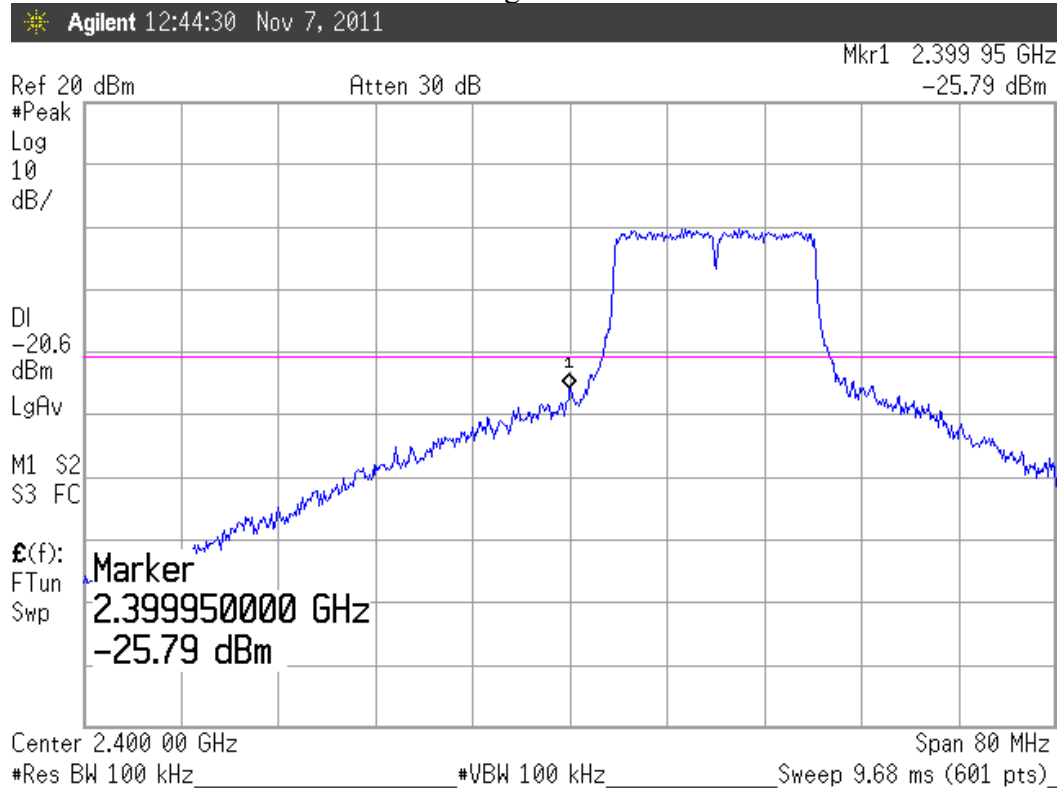
7.6.1.2. Upper Band edge



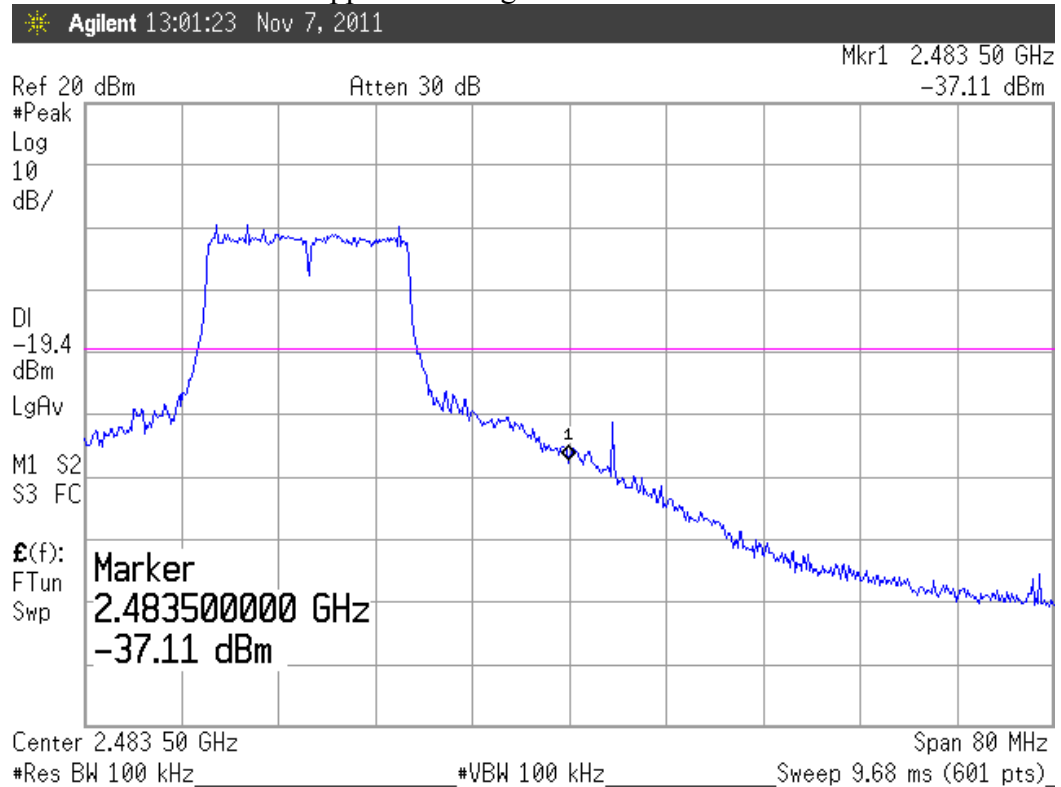
7.6.2. Test Mode: WLAN (802.11g)

1. Below Band edge: The highest emission level is -25.79dBm on 2.39995GHz.
2. Upper Band edge : The highest emission level is -37.11dBm on 2.48350GHz.

7.6.2.1. Below Band edge



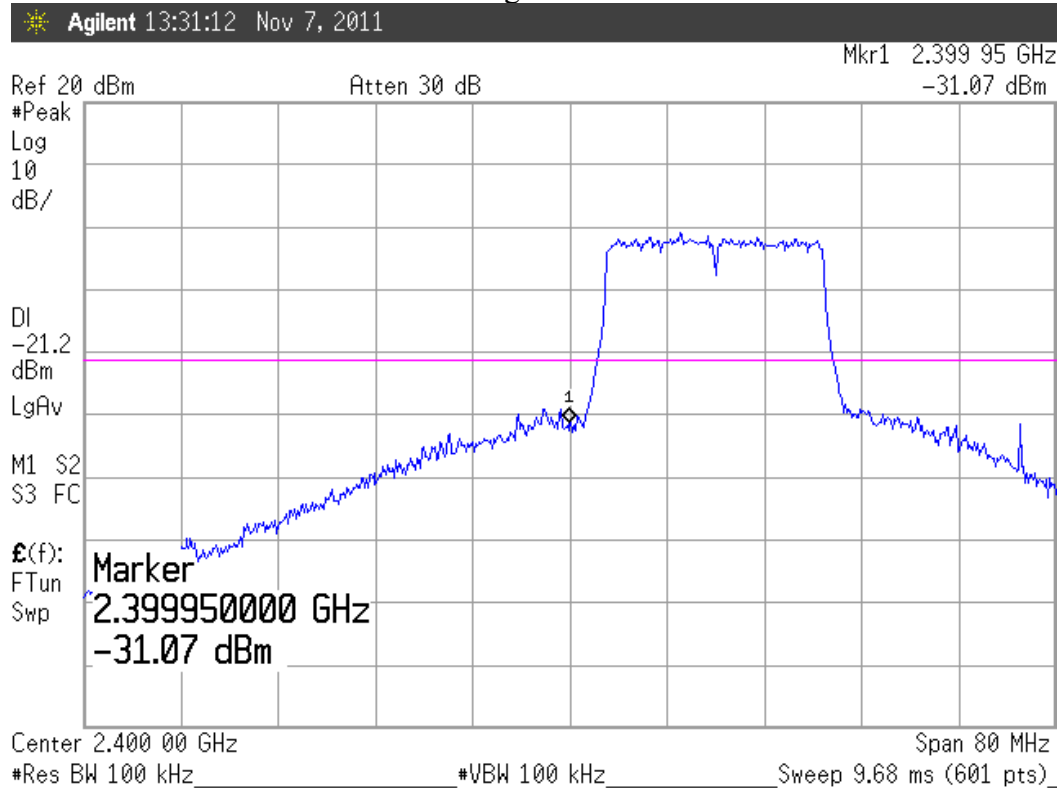
7.6.2.2. Upper Band edge



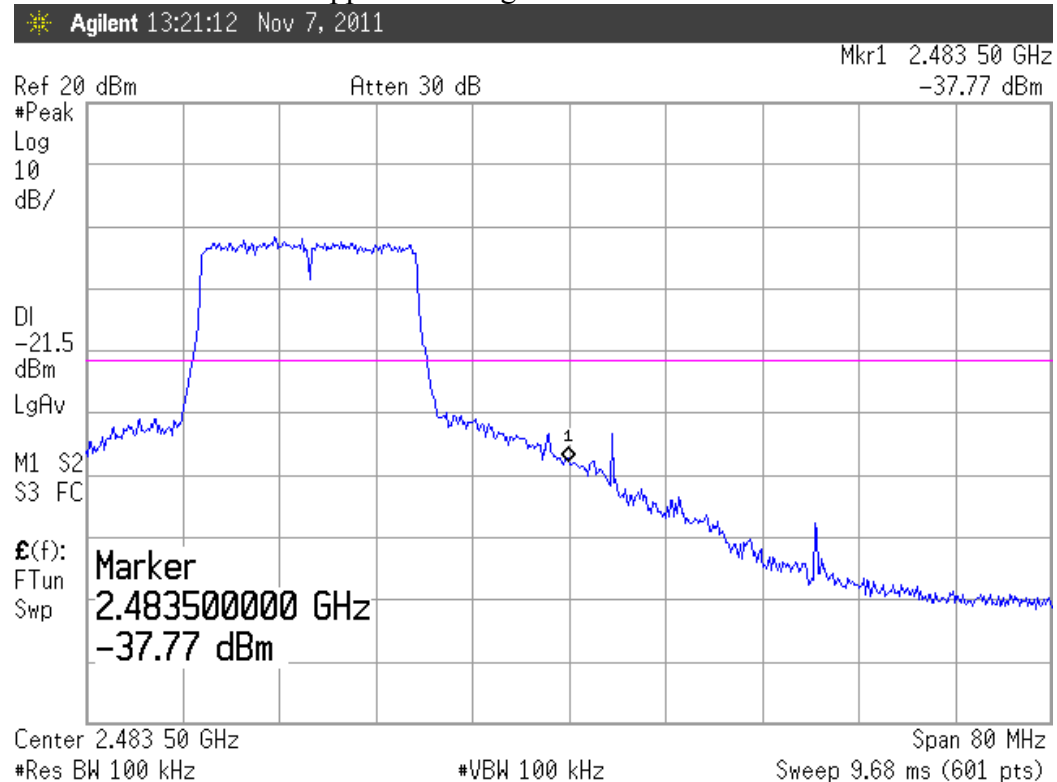
7.6.3. Test Mode: WLAN (802.11n-HT20)

1. Below Band edge: The highest emission level is -31.07dBm on 2.39995GHz.
2. Upper Band edge : The highest emission level is -37.77dBm on 2.48350GHz.

7.6.3.1. Below Band edge



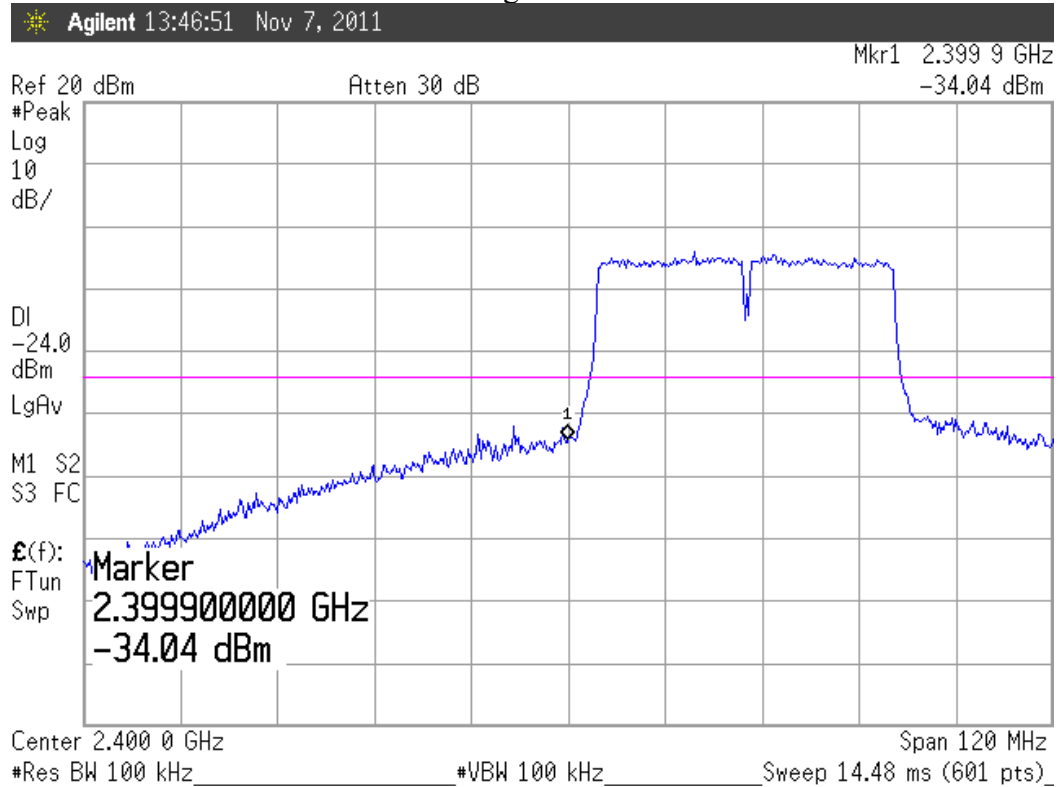
7.6.3.2. Upper Band edge



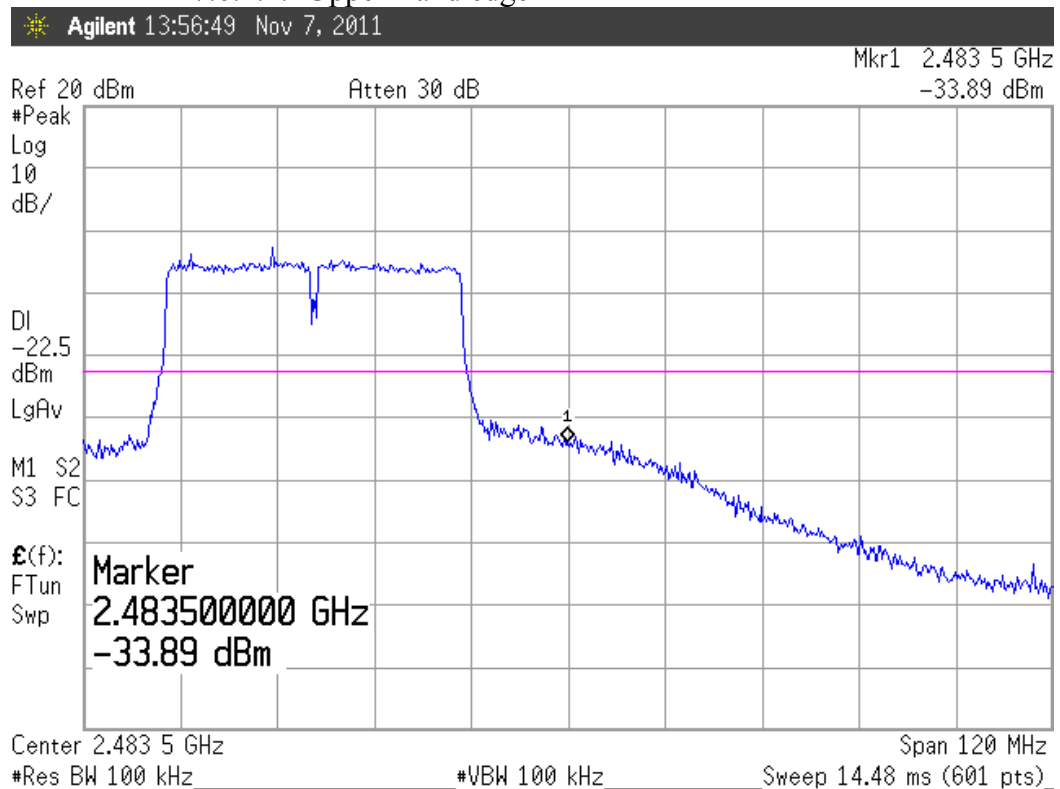
7.6.4. Test Mode: WLAN (802.11n-HT40)

1. Below Band edge: The highest emission level is -34.04dBm on 2.39990GHz.
2. Upper Band edge : The highest emission level is -33.89dBm on 2.48350GHz.

7.6.4.1. Below Band edge



7.6.4.2. Upper Band edge



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 Monitor	Agilent	E4446A	US44300366	Aug. 04, 11'	Aug. 03. 12'

8.2. Block Diagram of Test Setup

The same as section.4.2.

8.3. Specification Limits (§15.247(d))

The peak power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8dBm in any 3kHz band.

8.4. Operating Condition of EUT

Same as 6dB bandwidth measurement which was listed in 4.4 except the test set up replaced by section 8.2.

8.5. Test Procedure

The RF output of EUT was connected to the spectrum analyzer. The bandwidth of the fundamental frequency was measured with the spectrum analyzer using 3kHz RBW and 30kHz VBW, span 300kHz set sweep time = span/3kHz.

The measurement guideline was according to KDB 558074.

8.6. Test Results

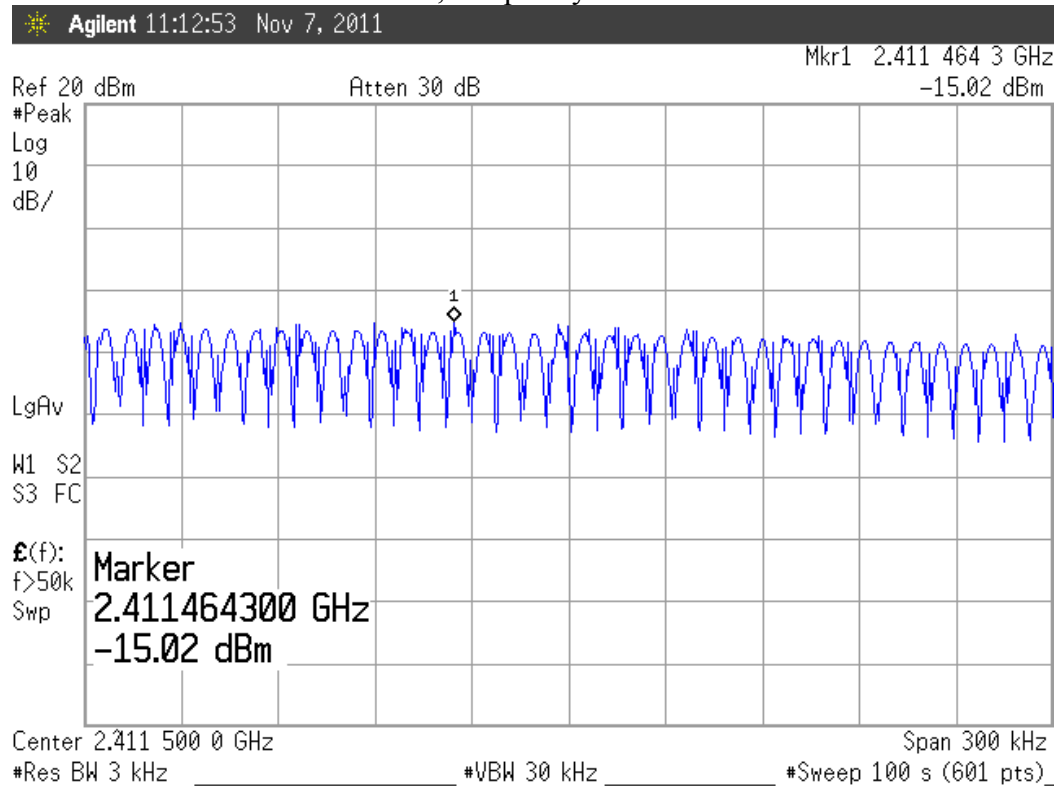
PASSED. All the test results are attached in next pages.

Test Date: Nov. 07, 2011 Temperature: 26 Humidity: 53 %

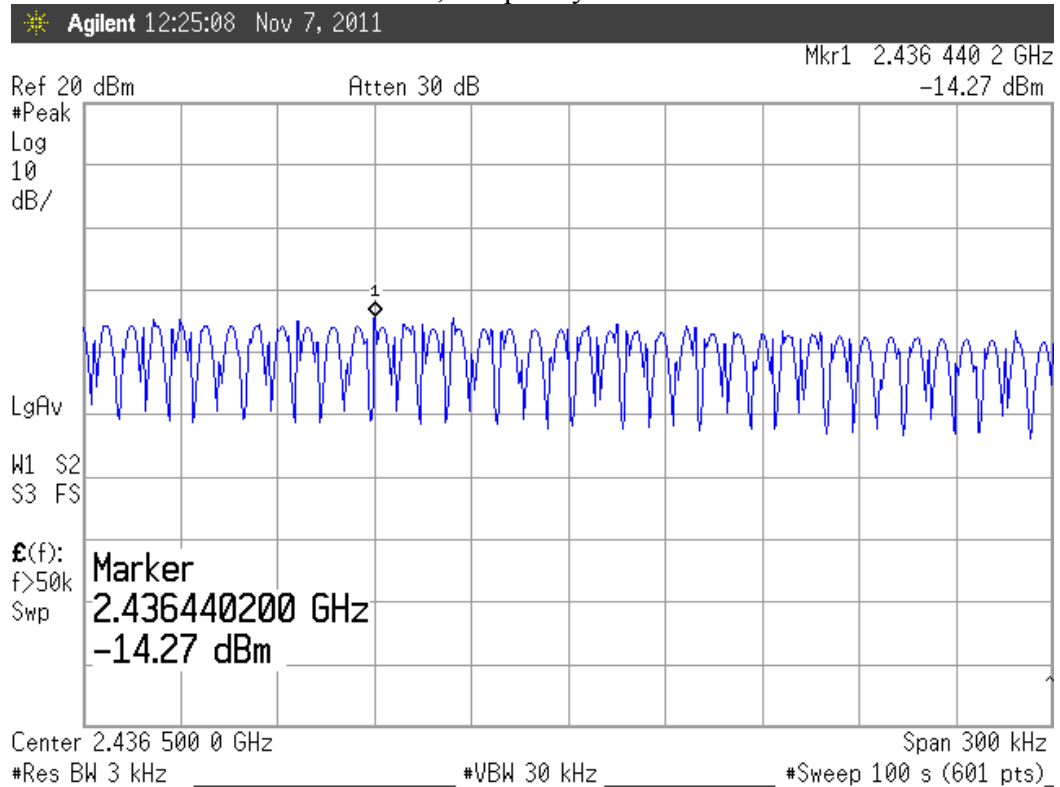
Test Mode	Channel	Frequency	Power Spectral Density	Limit
802.11b	CH 1	2412MHz	-15.02dBm	8dBm
	CH 6	2437MHz	-14.27dBm	8dBm
	CH 11	2462MHz	-14.55dBm	8dBm
802.11g	CH 1	2412MHz	-16.26dBm	8dBm
	CH 6	2437MHz	-15.57dBm	8dBm
	CH 11	2462MHz	-16.36dBm	8dBm
802.11n-HT20	CH 1	2412MHz	-16.55dBm	8dBm
	CH 6	2437MHz	-16.77dBm	8dBm
	CH 11	2462MHz	-16.74dBm	8dBm
802.11n-HT40	CH 3	2422MHz	-19.68dBm	8dBm
	CH 6	2437MHz	-17.87dBm	8dBm
	CH 9	2452MHz	-16.67dBm	8dBm

8.6.1. Test Mode: WLAN (802.11b)

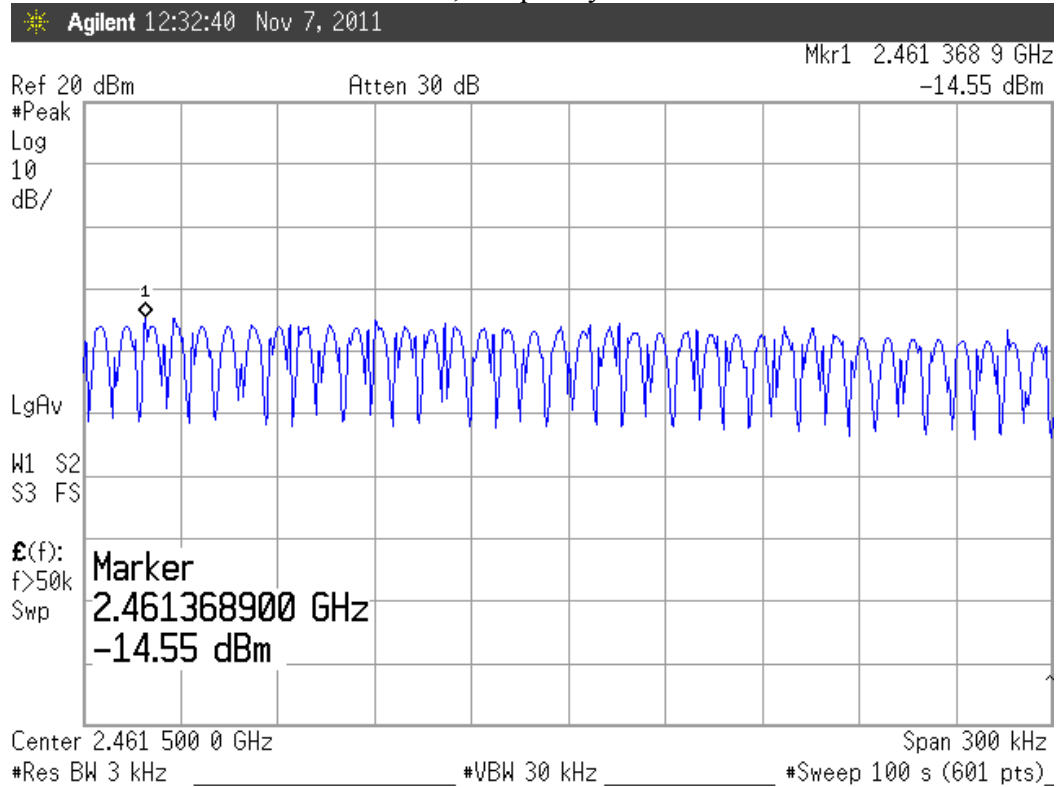
8.6.1.1. Channel 1, Frequency: 2412MHz



8.6.1.2. Channel 6, Frequency: 2437MHz

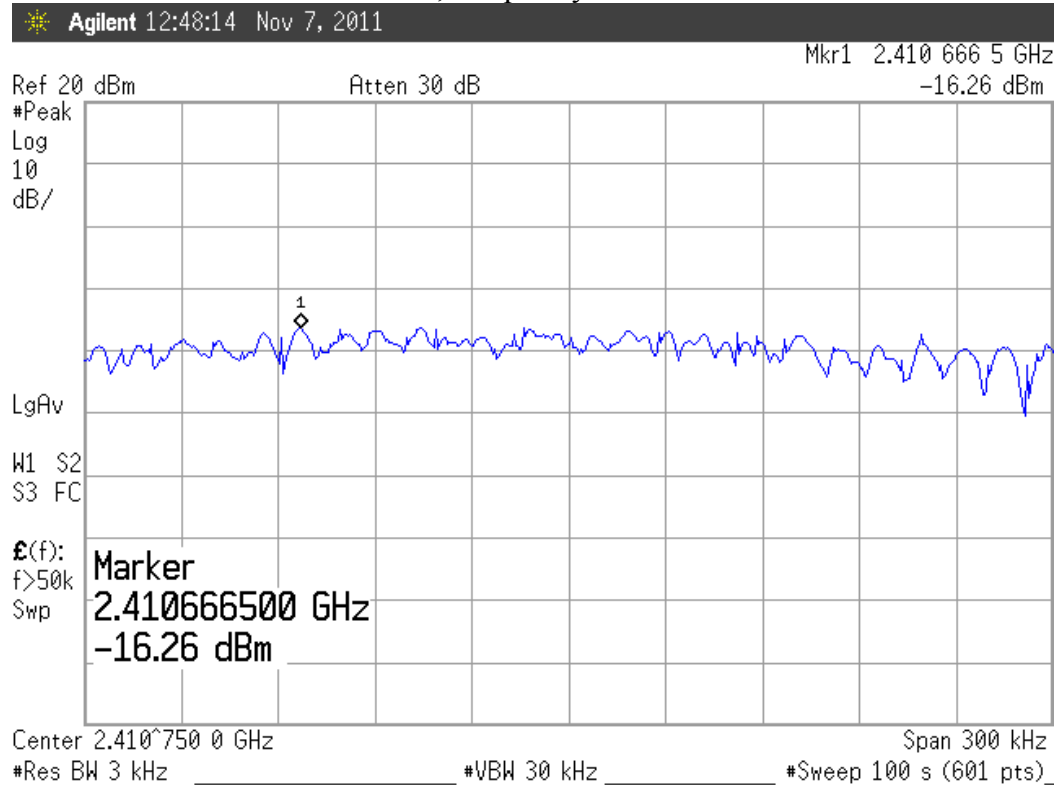


8.6.1.3. Channel 11, Frequency: 2462MHz

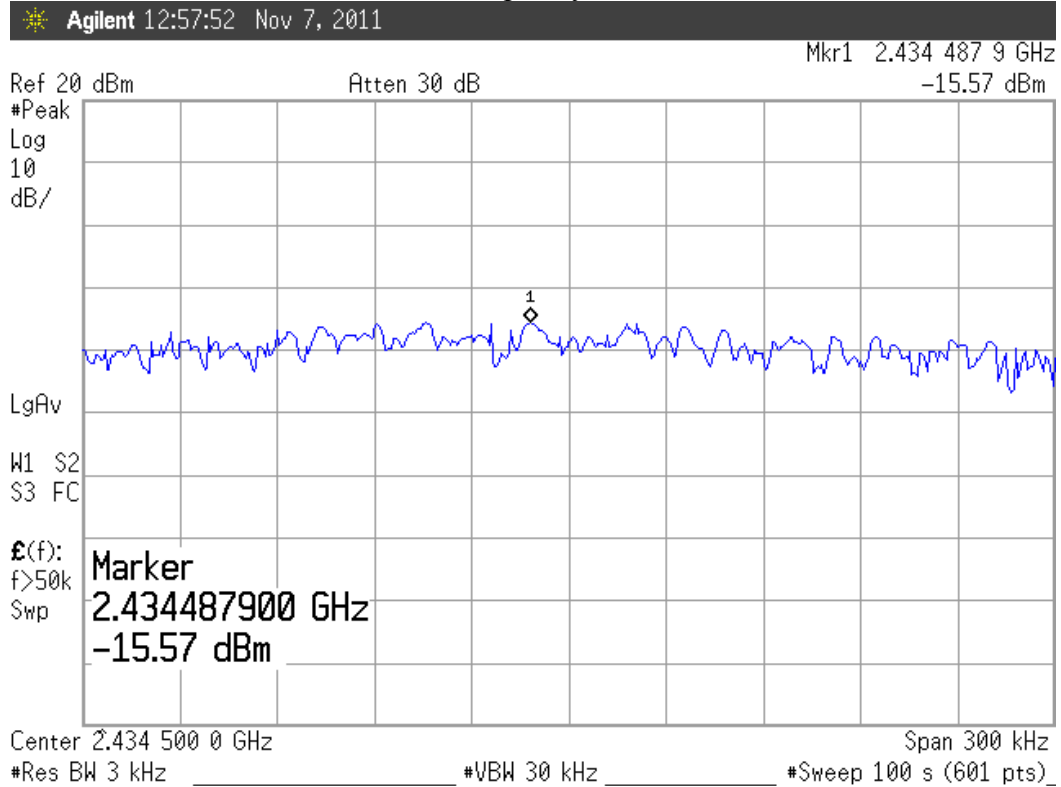


8.6.2. Test Mode: WLAN (802.11g)

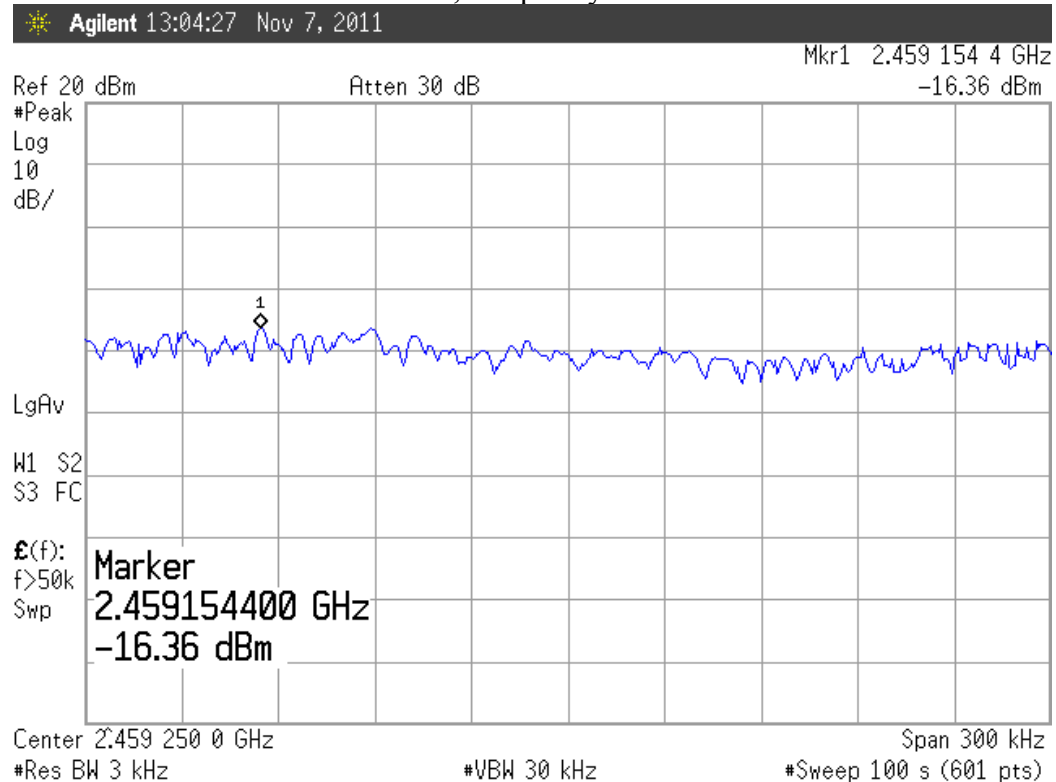
8.6.2.1. Channel 1, Frequency: 2412MHz



8.6.2.2. Channel 6, Frequency: 2437MHz

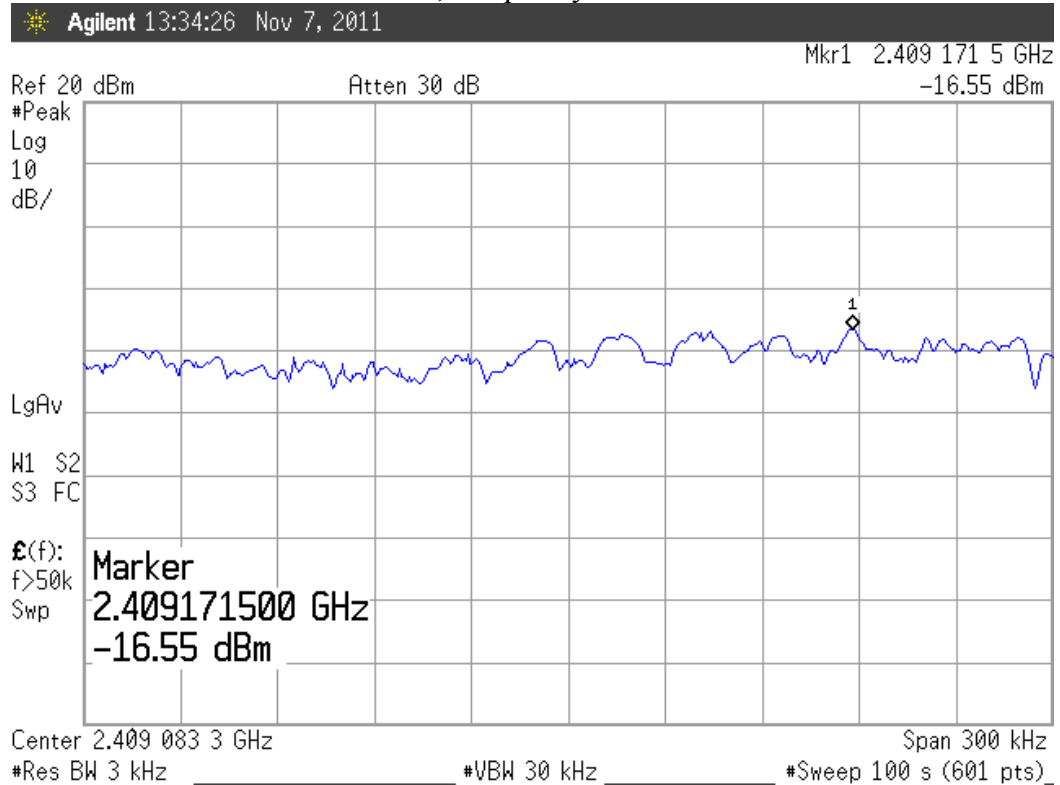


8.6.2.3. Channel 11, Frequency: 2462MHz

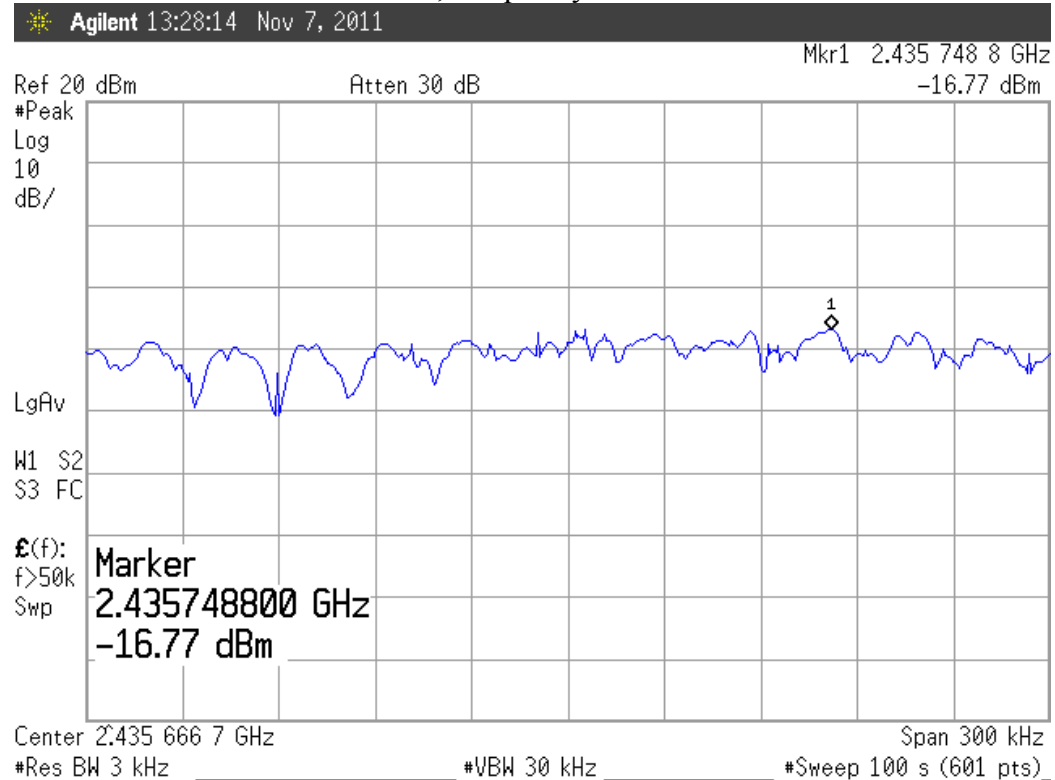


8.6.3. Test Mode: WLAN (802.11n-HT20)

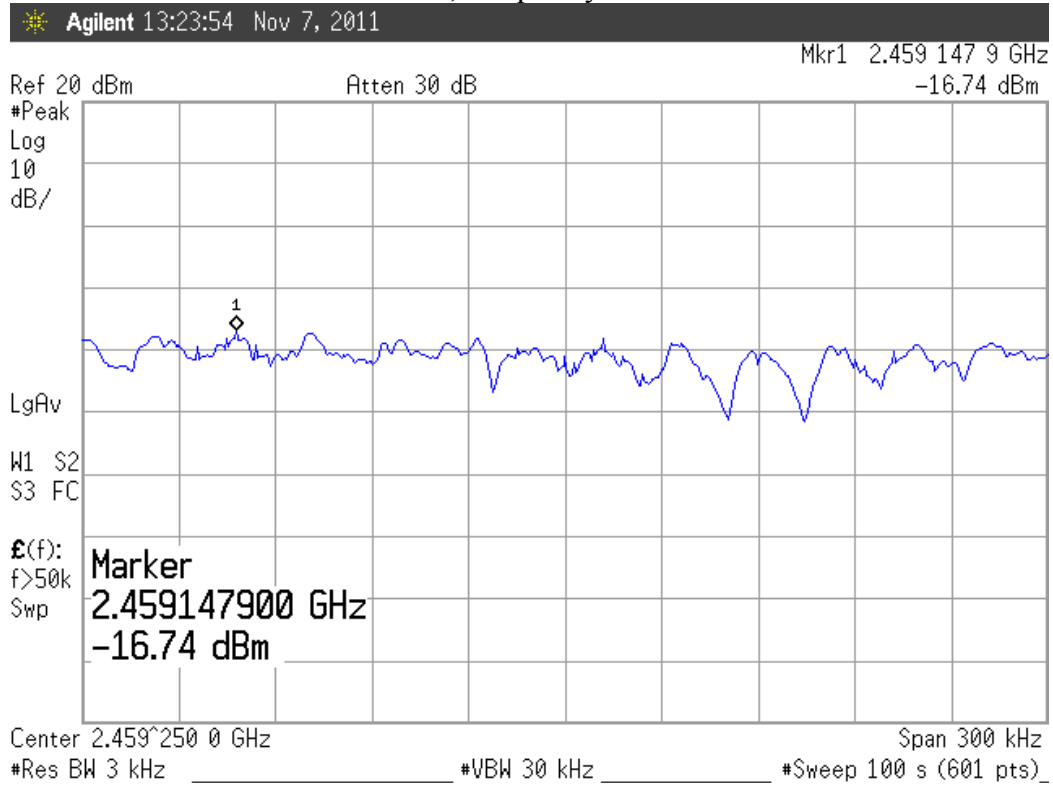
8.6.3.1. Channel 1, Frequency: 2412MHz



8.6.3.2. Channel 6, Frequency: 2437MHz

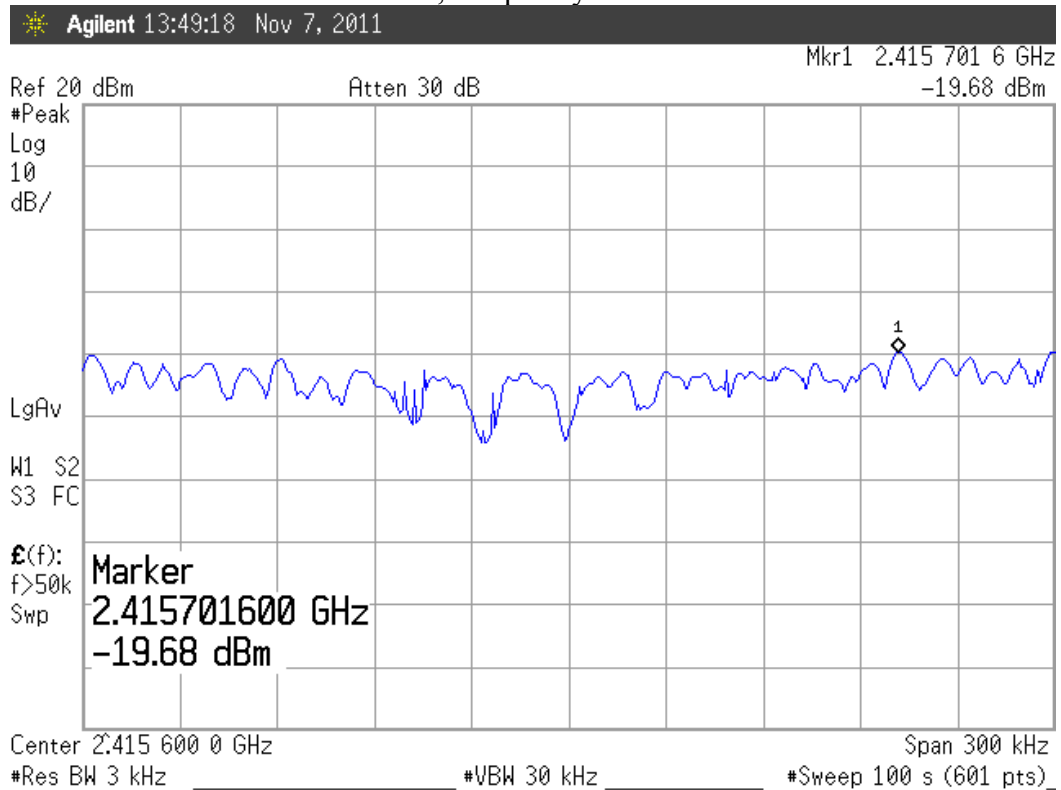


8.6.3.3. Channel 11, Frequency: 2462MHz

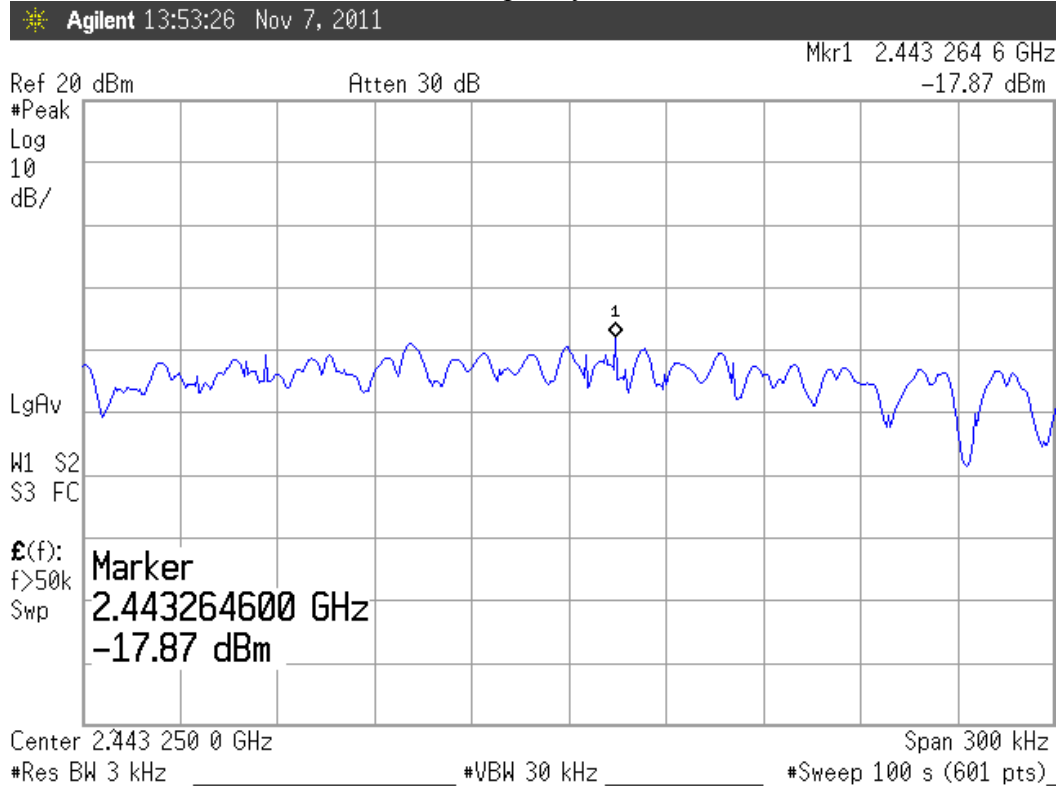


8.6.4. Test Mode: WLAN (802.11N-HT40)

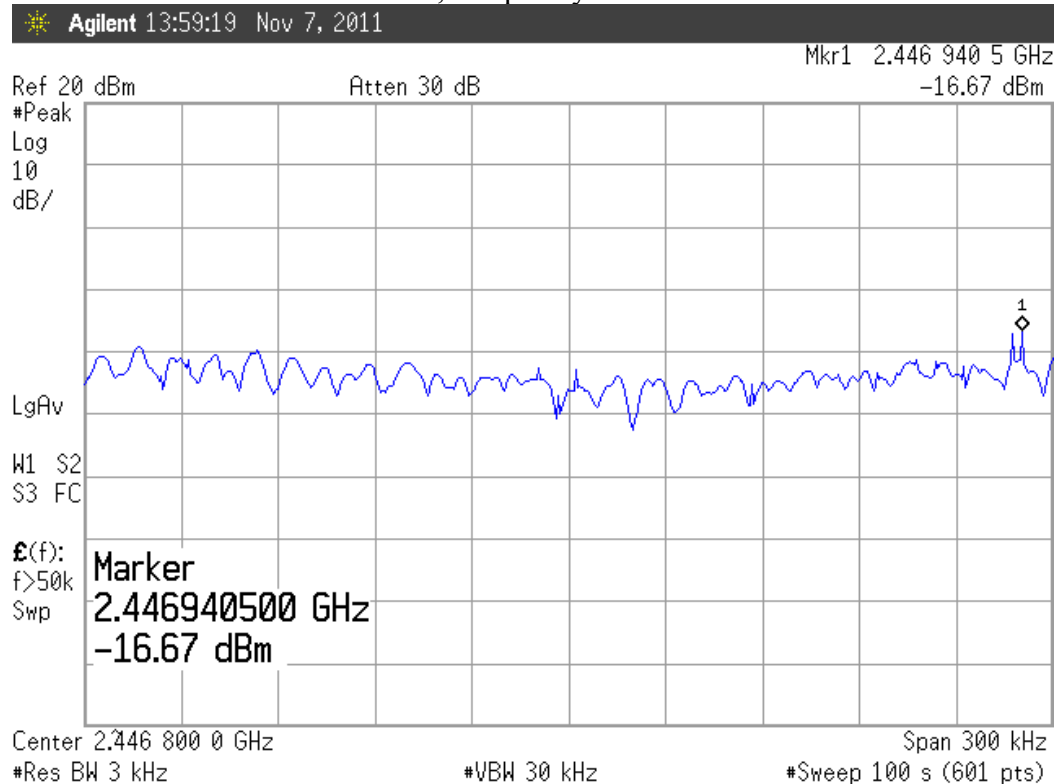
8.6.4.1. Channel 3, Frequency: 2422MHz



8.6.4.2. Channel 6, Frequency: 2437MHz



8.6.4.3. Channel 9, Frequency: 2452MHz



9. DEVIATION TO TEST SPECIFICATIONS

【NONE】