



FCC TEST REPORT (802.11bgn)

According to

FCC Rules and Regulations Part 15 Subpart C

Applicant	: Qualcomm Atheros, Inc.
Address	: 1700 Technology Drive, San Jose, CA 95110
Equipment	: 802.11n 1x1 PCIe Minicard transceiver
Model No.	: AR5B95
FCC ID.	: PPD-AR5B95
Trade Name	: Atheros

- The test result refers exclusively to the test presented test model / sample.,
- Without written approval of **Cerpass Technology Corp.**, the test report shall not be reproduced except in full.
- The EUT is also considered as a kind of computer peripheral, because the connection to computer is necessary for typical use. It has been verified to comply with the requirements of FCC Part 15, Subpart B, Class B (DoC). The test report has been issued separately.



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History of this test report

■ ORIGINAL.

☐ Additional attachment as following record:

Attachment No.	Issue Date	Description



CERTIFICATE OF COMPLIANCE

According to

FCC Rules and Regulations

Part 15 Subpart C

Applicant	:	Qualcomm Atheros, Inc.
Address	:	1700 Technology Drive, San Jose, CA 95110
Equipment	:	802.11n 1x1 PCIe Minicard transceiver
Model No.	:	AR5B95
FCC ID.	:	PPD-AR5B95

I **HEREBY** CERTIFY THAT :

The measurements shown in this test report were made in accordance with the procedures given in **ANSI C63.4** The equipment was ***passed*** the test performed according to **FCC Rules and Regulations Part 15 Subpart C (2010)**.

The test was carried out on Oct. 06, 2011 at CerpPASS Technology Corp.

Signature

Hill Chen

EMC/RF B.U. Assistant Manager



1. Report of Measurements and Examinations

1.1 List of Measurements and Examinations

FCC Rule	Description of Test	Result
15.203	Antenna Requirement	Pass
15.207	Conducted Emission	Pass
15.209 15.247(d)	Radiated Emission	Pass
15.247(a)(2)	6dB Bandwidth	Pass
15.247(b)	Maximum Peak Output Power	Pass
15.247(d)	100kHz Bandwidth of Frequency Band Edges	Pass
15.247(e)	Power Spectral Density	Pass
1.1307 1.1310 2.1091 2.1093	RF Exposure Compliance	Pass



2. Test Configuration of Equipment under Test

2.1 Feature of Equipment under Test

Processor	Intel [®] ATOM N455 1.66GHz
LCD	10.1" Active TFT color LCD, resolution 1024 x 600, or 1366 x768(option)
Touch	4-wire Resistive touch
Memory	DDR3 1GB Standard, Maximum 2 GB (1 x DDR3 SO-DIMM Slots)
Ethernet	On board LAN chip 10/100/1000 BASE-T Gigabit Ethernet
Storage	2.5" type SATA HDD
I/O Interface	1 * DB-15 VGA port
	1 * RJ-45 LAN port
	2 * Audio ports (1 * Line-out , 1 * MIC-in)
	3 * USB 2.0
	1 * 5 in 1 card reader slot, support SD,MMC,MS,MS pro , XD
	1 * express34 slot
	1* SIMM slot
Expansion Options	2 * Mini PCI-e, Support wireless LAN and 3G Module(option)
Battery life	3 hours (estimated)
Operation System	Windows 7, Windows XP, XPe, Linux (ubuntu, Fedora) , WEPOS, POSReady
Optional Peripherals	POS Base
	Charging Base
	EM-220 Jacket with MSR , RFID or Barcode scanner modules (1D or 2D)
	VESA mount (75x75mm, 100x100mm)
Power Supply	AC100~240V/DC12V, 36 watt power adaptor
Dimensions	Physical:189mm (W) x268mm (H) x 25.7mm (T)
Weight	Appox.1160g
Operating Temp	0°C ~ +40°C
Panel	INNOLUX / BT101IW01
HDD	WD / WD1600BEVT / 160GB
Adapter	FSP / FSP036-RAC; DELTA / ADP-36EH C

2.2 RF Specifications

Frequency Range	2.4 ~ 2.4835 GHz
Number of Channels	WLAN: USA, Canada and Taiwan: 1 ~ 11; Most European Countries: 1 ~ 13 Bluetooth: 79channels
Modulation	DSSS, OFDM, FHSS
Antenna Type	PCB Antenna
Antenna Gain	WLAN: 0.48dBi; Bluetooth: 1.31dBi



2.3 Carrier Frequency of Channels

802.11b, 802.11g, 802.11n HT 20

Channel	Frequency(MHz)	Channel	Frequency(MHz)
01	2412	07	2442
02	2417	08	2447
03	2422	09	2452
04	2427	10	2457
05	2432	11	2462
06	2437	---	---

802.11n HT40

Channel	Frequency(MHz)	Channel	Frequency(MHz)
---	---	07	2442
---	---	08	2447
03	2422	09	2452
04	2427	---	---
05	2432	---	---
06	2437	---	---

2.4 Test Mode and Test Software

- During testing, the interface cables and equipment positions were varied according to ANSI C63.4.
- The complete test system included remote workstation, Monitor, iPod, Earphone, Flash Memory, SD Card, Express Card and EUT for RF test. The remote workstation includes Notebook.
- The EUT was executed to keep transmitting and receiving data via Wireless.
- The following test modes were performed for test:
 - 802.11b/g/n HT20: CH01: 2412MHz, CH06: 2437MHz, CH11: 2462MHz
 - 802.11n HT40: CH03: 2422MHz, CH06: 2437MHz, CH09: 2452MHz

2.5 Description of Test System

Device	Manufacturer	Model No.	Description
Monitor	PHILIPS	202P73	Power Cable, Unshielding 1.8m VGA Cable, Shielding 1.35 m
iPod*2	Apple	A1320	USB Cable, Shielding 1m
Earphone	MIC	MIC-4	Audio Cable, Shielding 1.35m
Flash Memory	TranScend	JF150	2GB
SD Card	TranScend	N/A	2GB
Express Card	N/A	N/A	N/A
Remote workstation			
Notebook	SONY	VPCEB25FW	Power Cable, Unshielding 1.8m

Use Cable

Cable	Quantity	Description
RJ45	1	Unshielding, 15m



2.6 General Information of Test

Test Site :	Cerpass Technology Corp. 2F-11, No. 3, Yuan Qu St., (Nankang Software Park), Taipei, Taiwan 115, R.O.C.
Test Site Location (OATS2-SD) :	No.68-1, Shihbachongsi, Shihding Township, Taipei City 223, Taiwan, R.O.C.
FCC Registration Number :	TW1049, TW1061, 488071, 390316
IC Registration Number :	4934B-1, 4934D-1
VCCI Registration Number :	T-543 for Telecommunication Test C-3328 for Conducted emission test R-3013 for Radiated emission test G-97 for radiated disturbance above 1GHz
Test in Compliance with:	ANSI C63.4-2009 FCC Part 15 Subpart C
Frequency Range Investigated:	Conducted: from 150kHz to 30MHz Radiation: from 30MHz to 25,000MHz
Test Distance:	The test distance of radiated emission from antenna to EUT is 3 M.

2.7 Measurement Uncertainty

Measurement Item	Measurement Frequency	Polarization	Uncertainty
Conducted Emission	9 kHz ~ 30 MHz	LINE / NEUTRAL	4.44 dB
Radiated Emission	30 MHz ~ 1,000 MHz	Vertical / Horizontal	3.93 dB
	1,000 MHz ~ 18,000 MHz	Vertical / Horizontal	5.18 dB
6 dB Bandwidth	---	---	7500 Hz
Maximum Peak Output Power	---	---	1.4 dB
100kHz Bandwidth of Frequency Band Edges	---	---	2.2 dB
Power Spectral Density	---	---	2.2 dB



3. Antenna Requirements

3.1 Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

3.2 Antenna Construction and Directional Gain

WLAN

Antenna Type: PCB antenna

Antenna Gain: 0.48 dBi

Bluetooth

Antenna Type: PCB antenna

Antenna Gain: 1.31 dBi



4. Test of Conducted Emission

4.1 Test Limit

Conducted Emissions were measured from 150 kHz to 30 MHz with a bandwidth of 9 KHz on the 120 VAC power and return leads of the EUT according to the methods defined in ANSI C63.4-2009 Section 3.1. The EUT was placed on a nonmetallic stand in a shielded room 0.8 meters above the ground plane as shown in section 2.2. The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position produced maximum conducted emissions.

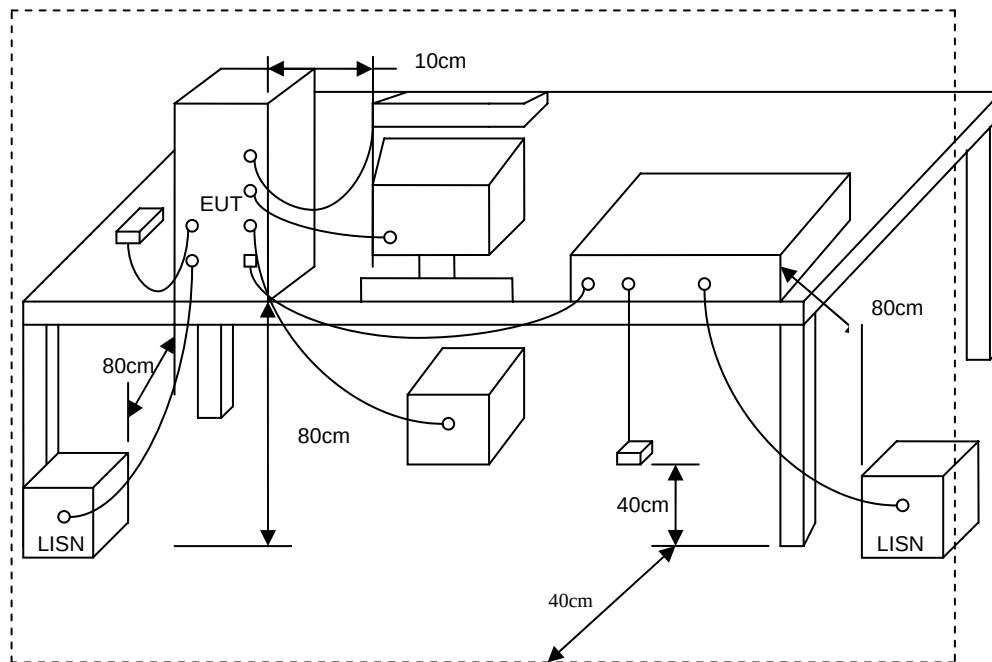
Frequency (MHz)	Quasi Peak (dB μ V)	Average (dB μ V)
0.15 – 0.5	66-56*	56-46*
0.5 – 5.0	56	46
5.0 – 30.0	60	50

*Decreases with the logarithm of the frequency.

4.2 Test Procedures

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

4.3 Typical Test Setup



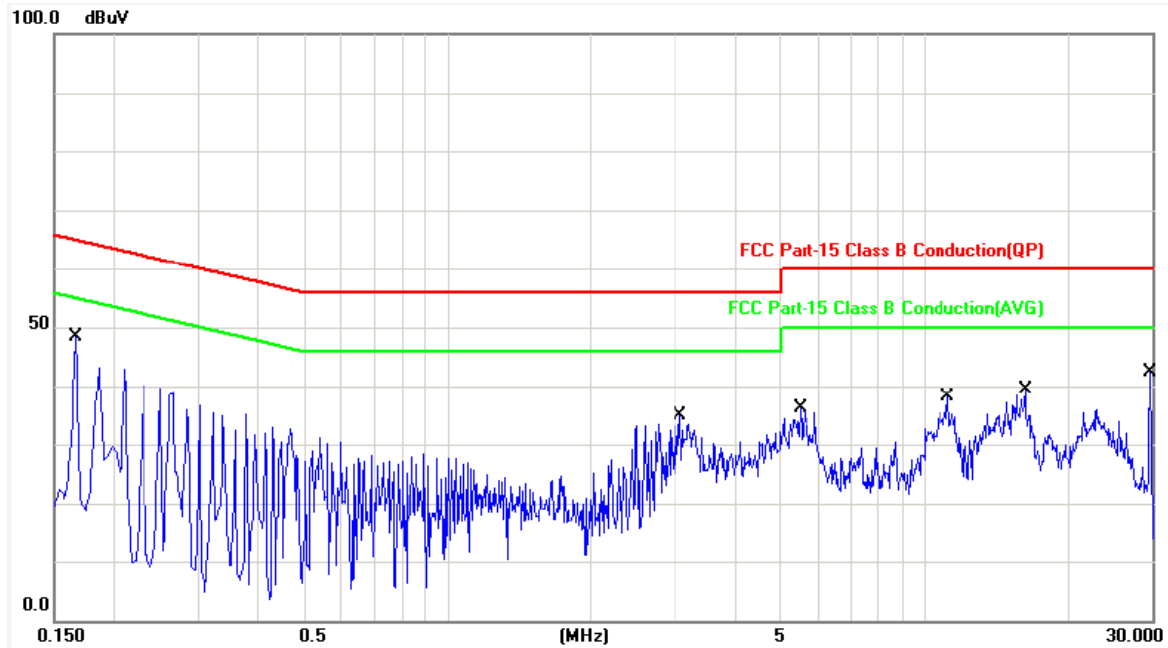
4.4 Measurement Equipment

Instrument/ Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date	Valid Date
EMI Receiver	R&S	ESCI	100443	2011/02/08	2012/02/07
LISN	Schwarzbeck	NSLK 8127	8127-516	2011/05/05	2012/05/04
LISN	Schwarzbeck	NSLK 8127	8127-568	2011/08/24	2012/08/23



4.5 Test Result and Data

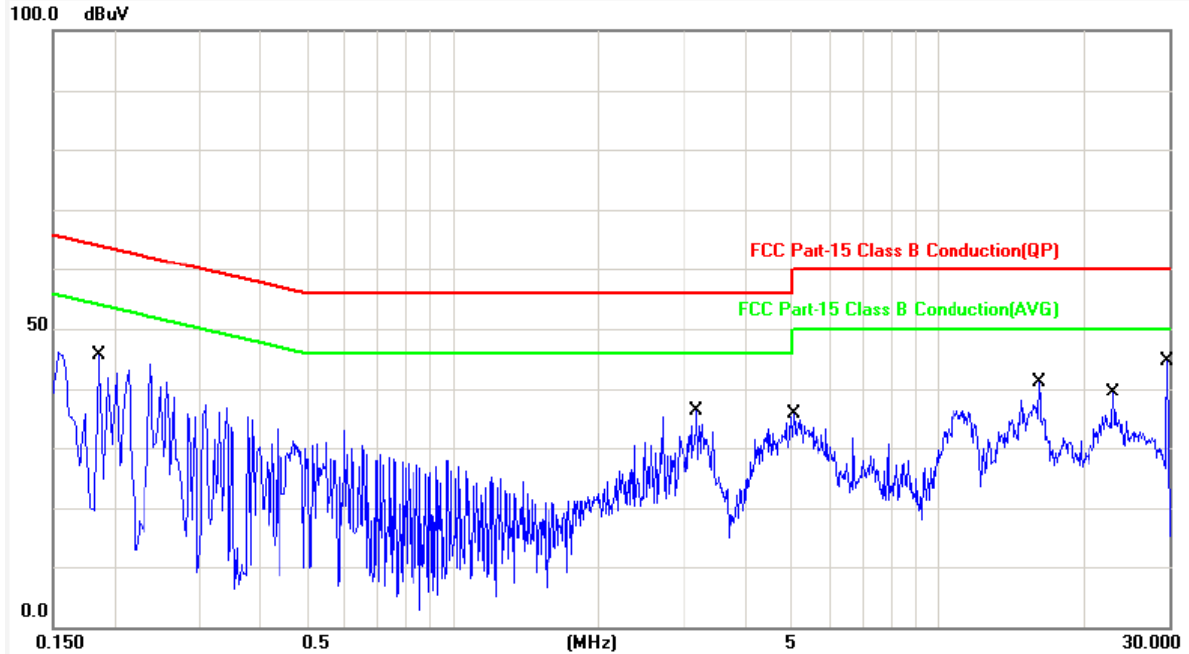
Power	: AC 120V	Pol/Phase	: LINE
Test Mode	: 802.11g, CH1	Temperature	: 26 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 60 %
Test Date	: Oct. 04, 2011		



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1660	0.12	48.60	48.72	65.15	-16.43	QP	P
2	0.1660	0.12	34.45	34.57	55.15	-20.58	AVG	P
3	3.0820	0.30	26.20	26.50	56.00	-29.50	QP	P
4	3.0820	0.30	16.16	16.46	46.00	-29.54	AVG	P
5	5.4980	0.40	29.58	29.98	60.00	-30.02	QP	P
6	5.4980	0.40	23.98	24.38	50.00	-25.62	AVG	P
7	11.2500	0.63	29.61	30.24	60.00	-29.76	QP	P
8	11.2500	0.63	22.96	23.59	50.00	-26.41	AVG	P
9	16.2260	0.83	37.81	38.64	60.00	-21.36	QP	P
10	16.2260	0.83	34.65	35.48	50.00	-14.52	AVG	P
11	29.7660	1.36	39.73	41.09	60.00	-18.91	QP	P
12	29.7660	1.36	36.51	37.87	50.00	-12.13	AVG	P



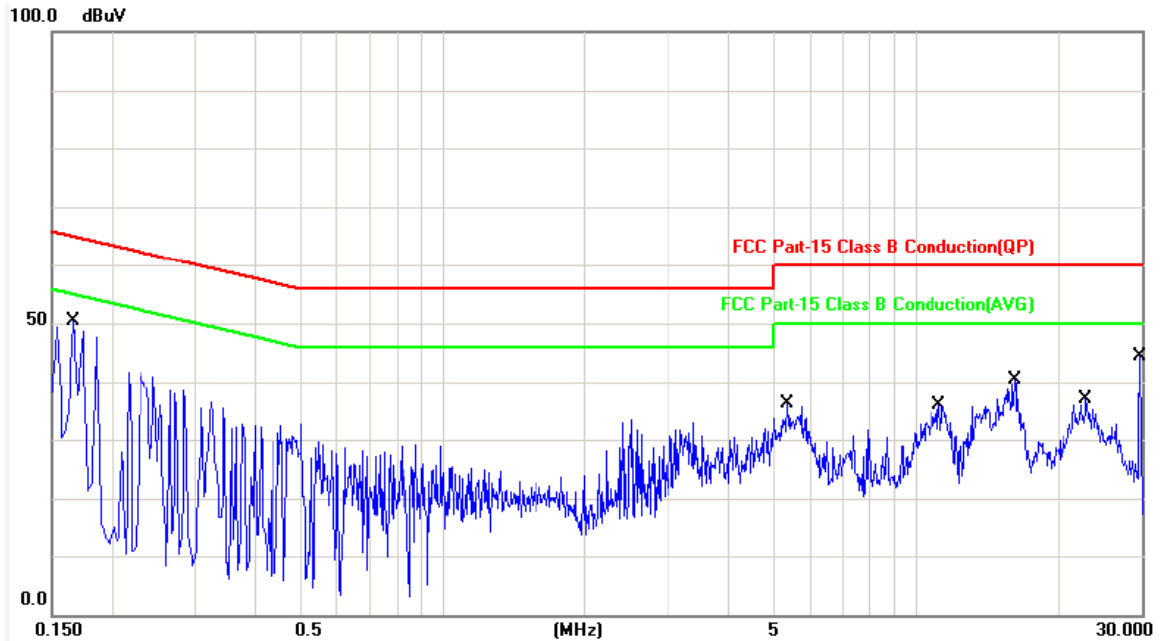
Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode	: 802.11g, CH1	Temperature	: 26 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 60 %
Test Date	: Oct. 04, 2011		



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1860	0.12	39.25	39.37	64.21	-24.84	QP	P
2	0.1860	0.12	12.58	12.70	54.21	-41.51	AVG	P
3	3.2060	0.30	29.60	29.90	56.00	-26.10	QP	P
4	3.2060	0.30	19.07	19.37	46.00	-26.63	AVG	P
5	5.0420	0.39	29.74	30.13	60.00	-29.87	QP	P
6	5.0420	0.39	24.00	24.39	50.00	-25.61	AVG	P
7	16.1660	0.83	38.63	39.46	60.00	-20.54	QP	P
8	16.1660	0.83	34.90	35.73	50.00	-14.27	AVG	P
9	23.1259	1.10	35.14	36.24	60.00	-23.76	QP	P
10	23.1259	1.10	31.35	32.45	50.00	-17.55	AVG	P
11	29.7660	1.36	41.90	43.26	60.00	-16.74	QP	P
12	29.7660	1.36	38.68	40.04	50.00	-9.96	AVG	P



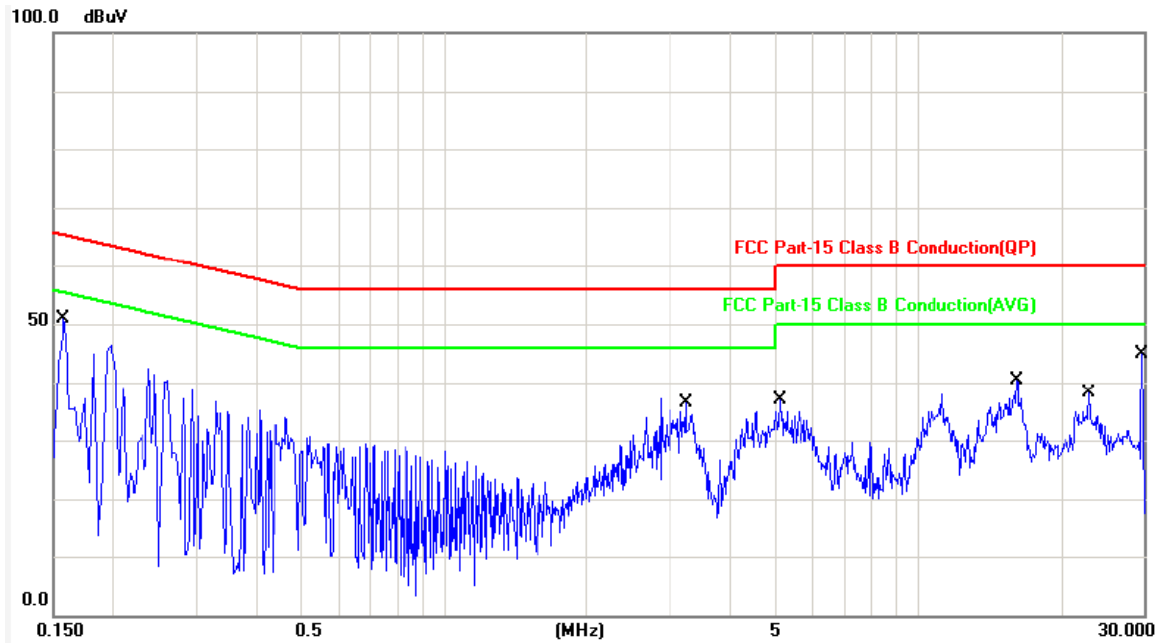
Power	: AC 120V	Pol/Phase	: LINE
Test Mode	: 802.11n HT20, CH1	Temperature	: 26 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 60 %
Test Date	: Oct. 04, 2011		



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1660	0.12	40.96	41.08	65.15	-24.07	QP	P
2	0.1660	0.12	19.84	19.96	55.15	-35.19	AVG	P
3	5.3460	0.40	29.23	29.63	60.00	-30.37	QP	P
4	5.3460	0.40	23.67	24.07	50.00	-25.93	AVG	P
5	11.2180	0.63	31.09	31.72	60.00	-28.28	QP	P
6	11.2180	0.63	24.99	25.62	50.00	-24.38	AVG	P
7	16.1660	0.83	38.22	39.05	60.00	-20.95	QP	P
8	16.1660	0.83	34.80	35.63	50.00	-14.37	AVG	P
9	22.9260	1.09	27.23	28.32	60.00	-31.68	QP	P
10	22.9260	1.09	22.12	23.21	50.00	-26.79	AVG	P
11	29.7660	1.36	41.63	42.99	60.00	-17.01	QP	P
12	29.7660	1.36	38.42	39.78	50.00	-10.22	AVG	P



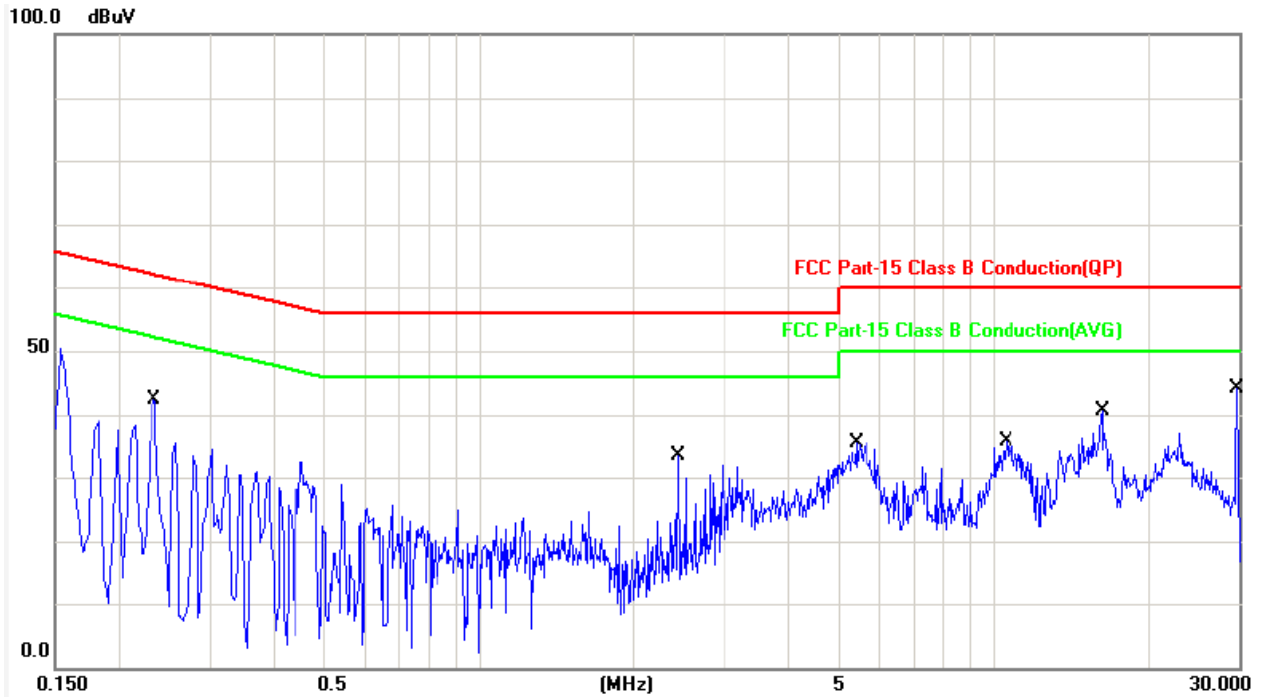
Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode	: 802.11n HT20, CH1	Temperature	: 26 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 60 %
Test Date	: Oct. 04, 2011		



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1580	0.12	49.33	49.45	65.56	-16.11	QP	P
2	0.1580	0.12	36.68	36.80	55.56	-18.76	AVG	P
3	3.2580	0.32	29.11	29.43	56.00	-26.57	QP	P
4	3.2580	0.32	18.85	19.17	46.00	-26.83	AVG	P
5	5.1300	0.39	29.74	30.13	60.00	-29.87	QP	P
6	5.1300	0.39	23.95	24.34	50.00	-25.66	AVG	P
7	16.1660	0.83	39.00	39.83	60.00	-20.17	QP	P
8	16.1660	0.83	35.28	36.11	50.00	-13.89	AVG	P
9	23.1259	1.10	35.09	36.19	60.00	-23.81	QP	P
10	23.1259	1.10	31.30	32.40	50.00	-17.60	AVG	P
11	29.7660	1.36	42.05	43.41	60.00	-16.59	QP	P
12	29.7660	1.36	38.85	40.21	50.00	-9.79	AVG	P



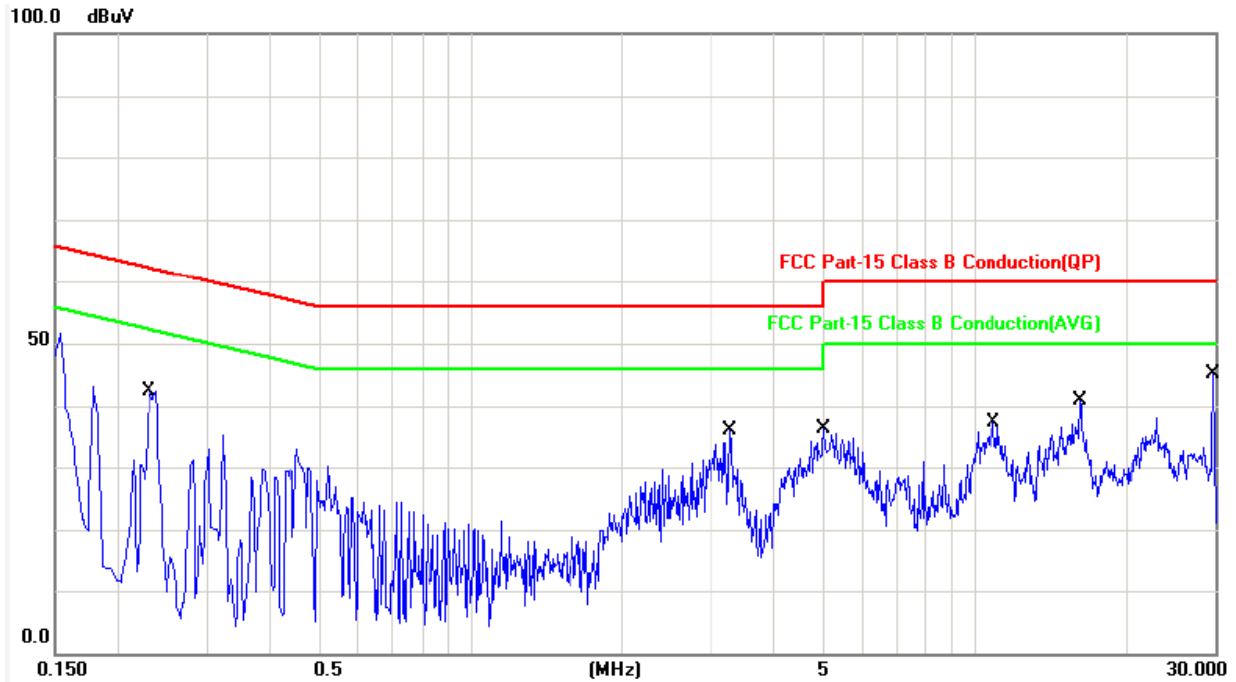
Power	: AC 120V	Pol/Phase	: LINE
Test Mode	: 802.11n HT40, CH3	Temperature	: 26 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 60 %
Test Date	: Oct. 04, 2011		



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.2340	0.12	39.83	39.95	62.30	-22.35	QP	P
2	0.2340	0.12	25.77	25.89	52.30	-26.41	AVG	P
3	2.4420	0.28	20.25	20.53	56.00	-35.47	QP	P
4	2.4420	0.28	7.84	8.12	46.00	-37.88	AVG	P
5	5.3980	0.40	30.23	30.63	60.00	-29.37	QP	P
6	5.3980	0.40	24.51	24.91	50.00	-25.09	AVG	P
7	10.5700	0.61	29.15	29.76	60.00	-30.24	QP	P
8	10.5700	0.61	23.20	23.81	50.00	-26.19	AVG	P
9	16.2300	0.83	37.46	38.29	60.00	-21.71	QP	P
10	16.2300	0.83	34.02	34.85	50.00	-15.15	AVG	P
11	29.7660	1.36	41.83	43.19	60.00	-16.81	QP	P
12	29.7660	1.36	38.61	39.97	50.00	-10.03	AVG	P



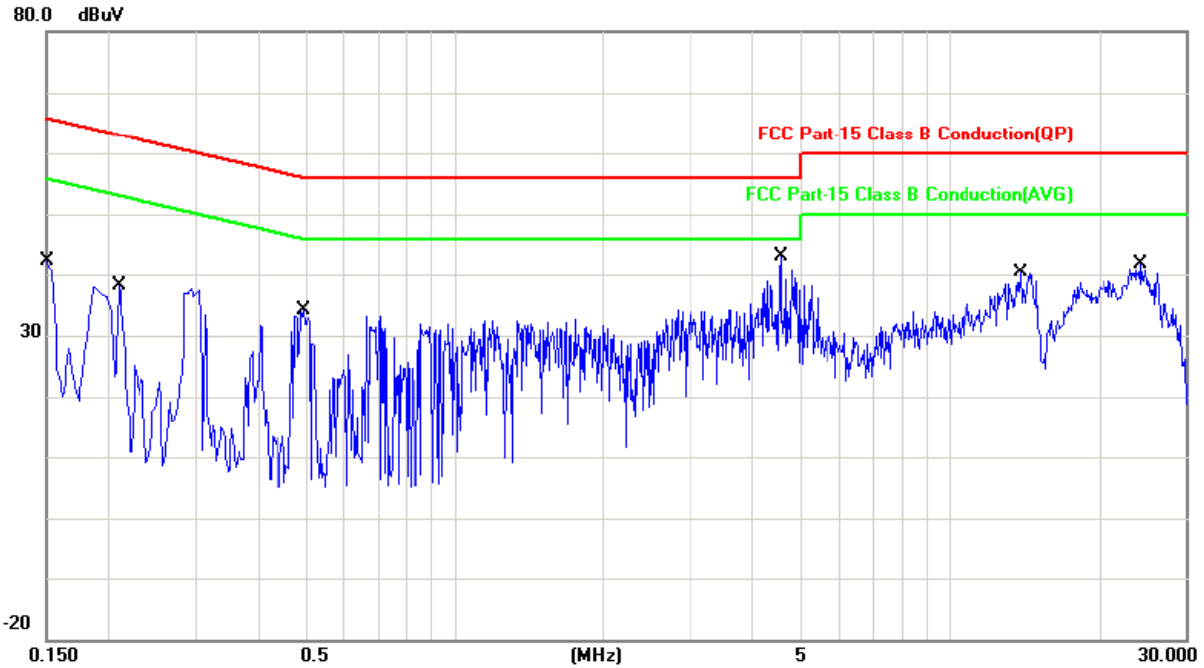
Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode	: 802.11n HT40, CH3	Temperature	: 26 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 60 %
Test Date	: Oct. 04, 2011		



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.2300	0.12	40.84	40.96	62.45	-21.49	QP	P
2	0.2300	0.12	28.97	29.09	52.45	-23.36	AVG	P
3	3.2780	0.32	28.14	28.46	56.00	-27.54	QP	P
4	3.2780	0.32	18.60	18.92	46.00	-27.08	AVG	P
5	5.0220	0.39	30.44	30.83	60.00	-29.17	QP	P
6	5.0220	0.39	24.82	25.21	50.00	-24.79	AVG	P
7	10.8740	0.62	30.59	31.21	60.00	-28.79	QP	P
8	10.8740	0.62	24.27	24.89	50.00	-25.11	AVG	P
9	16.1660	0.83	38.02	38.85	60.00	-21.15	QP	P
10	16.1660	0.83	34.69	35.52	50.00	-14.48	AVG	P
11	29.7660	1.36	42.24	43.60	60.00	-16.40	QP	P
12	29.7660	1.36	39.00	40.36	50.00	-9.64	AVG	P



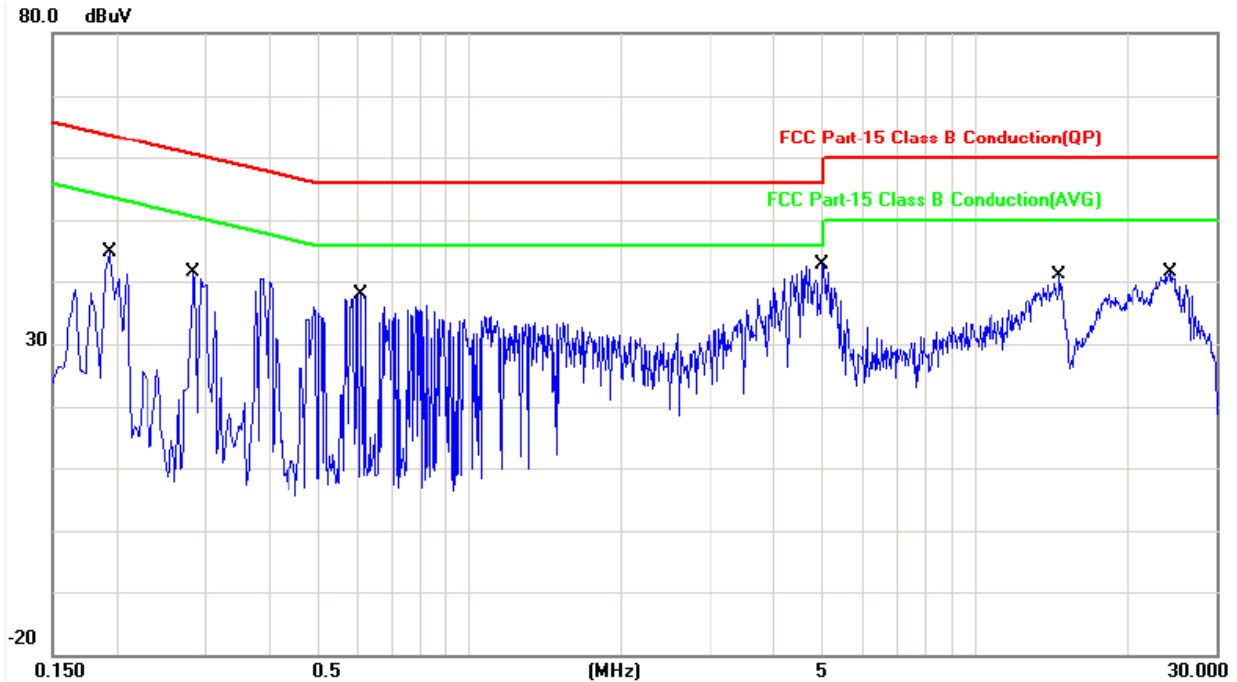
Power	: AC 120V	Pol/Phase	: LINE
Test Mode	: 802.11g, CH1	Temperature	: 26 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 60 %
Test Date	: Aug. 29, 2011		



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1500	0.11	32.00	32.11	65.99	-33.88	QP	P
2	0.1500	0.11	19.86	19.97	55.99	-36.02	AVG	P
3	0.2100	0.12	31.93	32.05	63.20	-31.15	QP	P
4	0.2100	0.12	16.32	16.44	53.20	-36.76	AVG	P
5	0.4980	0.13	32.64	32.77	56.03	-23.26	QP	P
6	0.4980	0.13	20.53	20.66	46.03	-25.37	AVG	P
7	4.5700	0.37	34.67	35.04	56.00	-20.96	QP	P
8	4.5700	0.37	17.67	18.04	46.00	-27.96	AVG	P
9	13.9700	0.74	33.15	33.89	60.00	-26.11	QP	P
10	13.9700	0.74	24.01	24.75	50.00	-25.25	AVG	P
11	24.4460	1.15	35.61	36.76	60.00	-23.24	QP	P
12	24.4460	1.15	25.38	26.53	50.00	-23.47	AVG	P



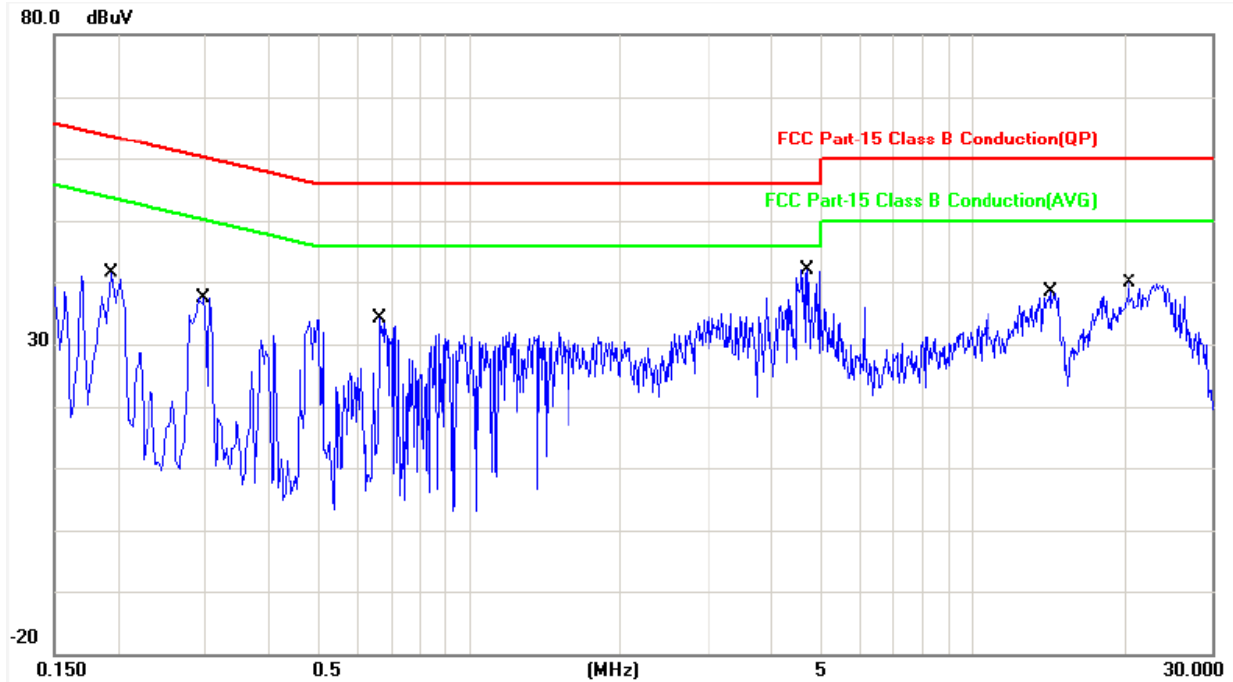
Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode	: 802.11g, CH1	Temperature	: 26 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 60 %
Test Date	: Aug. 29, 2011		



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1940	0.12	42.08	42.20	63.86	-21.66	QP	P
2	0.1940	0.12	35.59	35.71	53.86	-18.15	AVG	P
3	0.2860	0.12	39.08	39.20	60.64	-21.44	QP	P
4	0.2860	0.12	29.12	29.24	50.64	-21.40	AVG	P
5	0.6100	0.15	36.44	36.59	56.00	-19.41	QP	P
6	0.6100	0.15	21.27	21.42	46.00	-24.58	AVG	P
7	4.9899	0.39	35.02	35.41	56.00	-20.59	QP	P
8	4.9899	0.39	19.18	19.57	46.00	-26.43	AVG	P
9	14.6780	0.78	35.22	36.00	60.00	-24.00	QP	P
10	14.6780	0.78	23.29	24.07	50.00	-25.93	AVG	P
11	24.4060	1.15	34.44	35.59	60.00	-24.41	QP	P
12	24.4060	1.15	22.63	23.78	50.00	-26.22	AVG	P



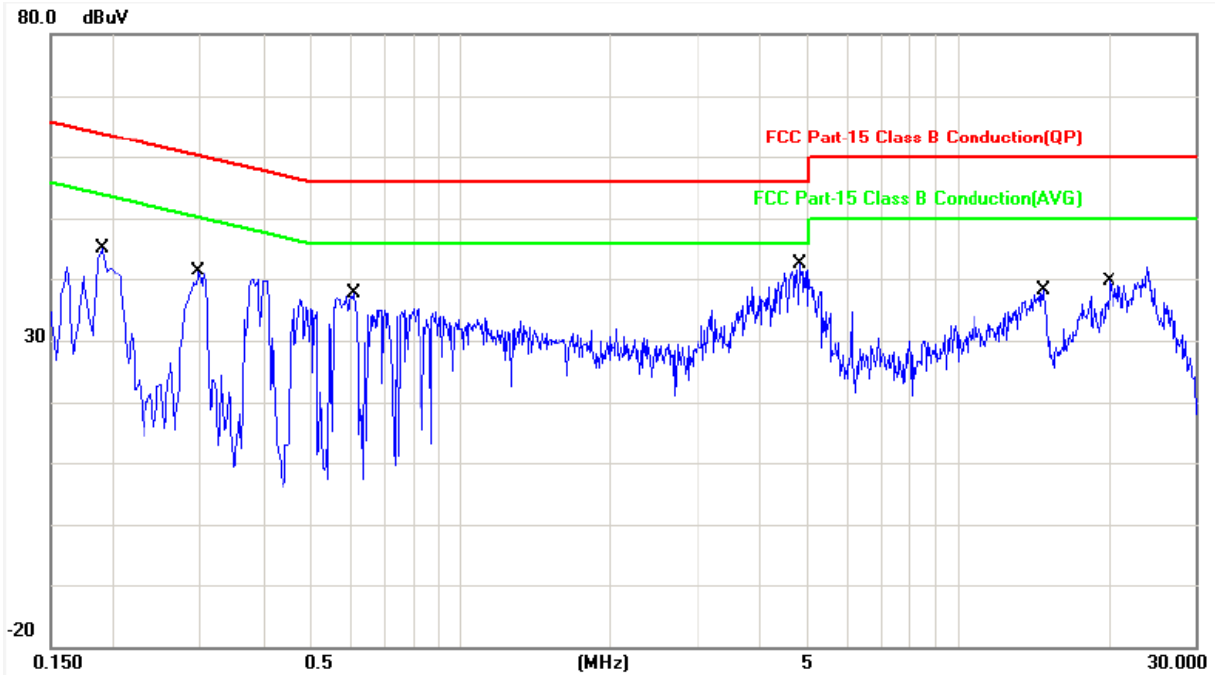
Power	: AC 120V	Pol/Phase	: LINE
Test Mode	: 802.11n HT20, CH1	Temperature	: 26 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 60 %
Test Date	: Aug. 29, 2011		



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1940	0.12	38.14	38.26	63.86	-25.60	QP	P
2	0.1940	0.12	28.33	28.45	53.86	-25.41	AVG	P
3	0.2980	0.12	36.17	36.29	60.30	-24.01	QP	P
4	0.2980	0.12	26.49	26.61	50.30	-23.69	AVG	P
5	0.6660	0.15	31.00	31.15	56.00	-24.85	QP	P
6	0.6660	0.15	17.27	17.42	46.00	-28.58	AVG	P
7	4.6979	0.37	33.60	33.97	56.00	-22.03	QP	P
8	4.6979	0.37	16.98	17.35	46.00	-28.65	AVG	P
9	14.3380	0.75	34.99	35.74	60.00	-24.26	QP	P
10	14.3380	0.75	30.39	31.14	50.00	-18.86	AVG	P
11	20.4980	1.01	31.57	32.58	60.00	-27.42	QP	P
12	20.4980	1.01	23.33	24.34	50.00	-25.66	AVG	P



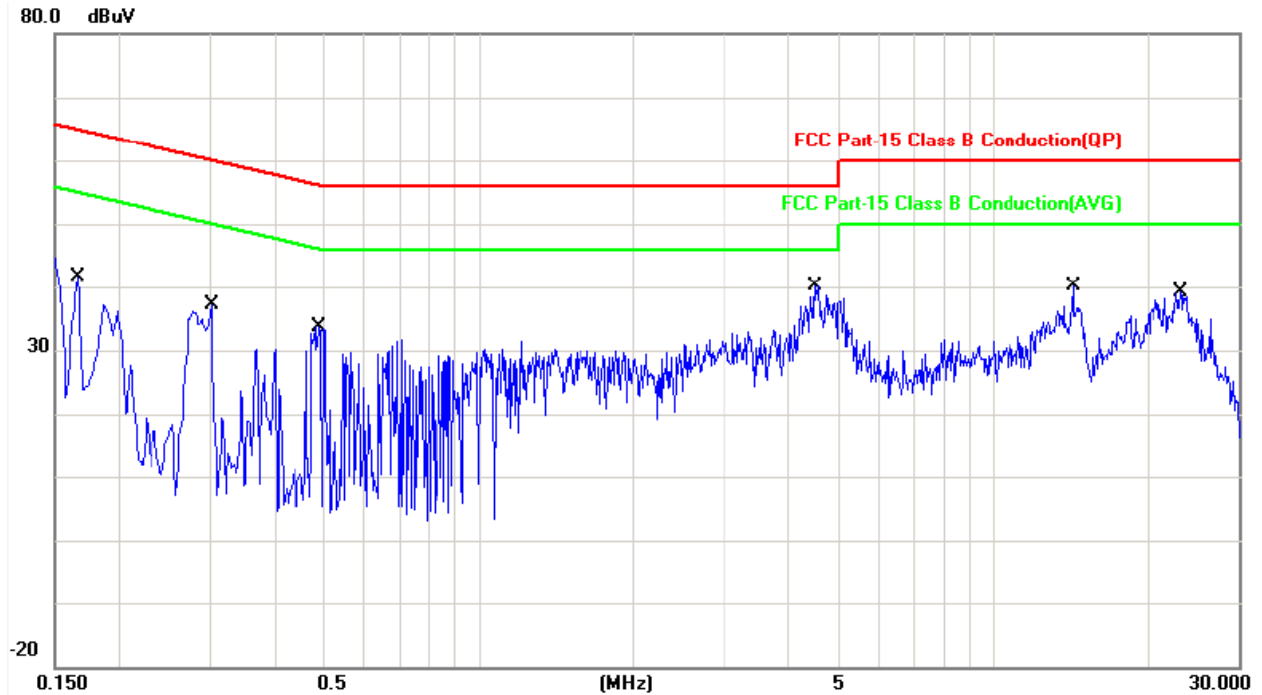
Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode	: 802.11n HT20, CH1	Temperature	: 26 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 60 %
Test Date	: Aug. 29, 2011		



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1900	0.12	41.99	42.11	64.03	-21.92	QP	P
2	0.1900	0.12	34.20	34.32	54.03	-19.71	AVG	P
3	0.2980	0.12	37.94	38.06	60.30	-22.24	QP	P
4	0.2980	0.12	28.50	28.62	50.30	-21.68	AVG	P
5	0.6100	0.15	35.42	35.57	56.00	-20.43	QP	P
6	0.6100	0.15	18.81	18.96	46.00	-27.04	AVG	P
7	4.8020	0.38	33.87	34.25	56.00	-21.75	QP	P
8	4.8020	0.38	17.23	17.61	46.00	-28.39	AVG	P
9	14.8700	0.78	30.58	31.36	60.00	-28.64	QP	P
10	14.8700	0.78	22.25	23.03	50.00	-26.97	AVG	P
11	20.2620	1.00	31.97	32.97	60.00	-27.03	QP	P
12	20.2620	1.00	24.79	25.79	50.00	-24.21	AVG	P



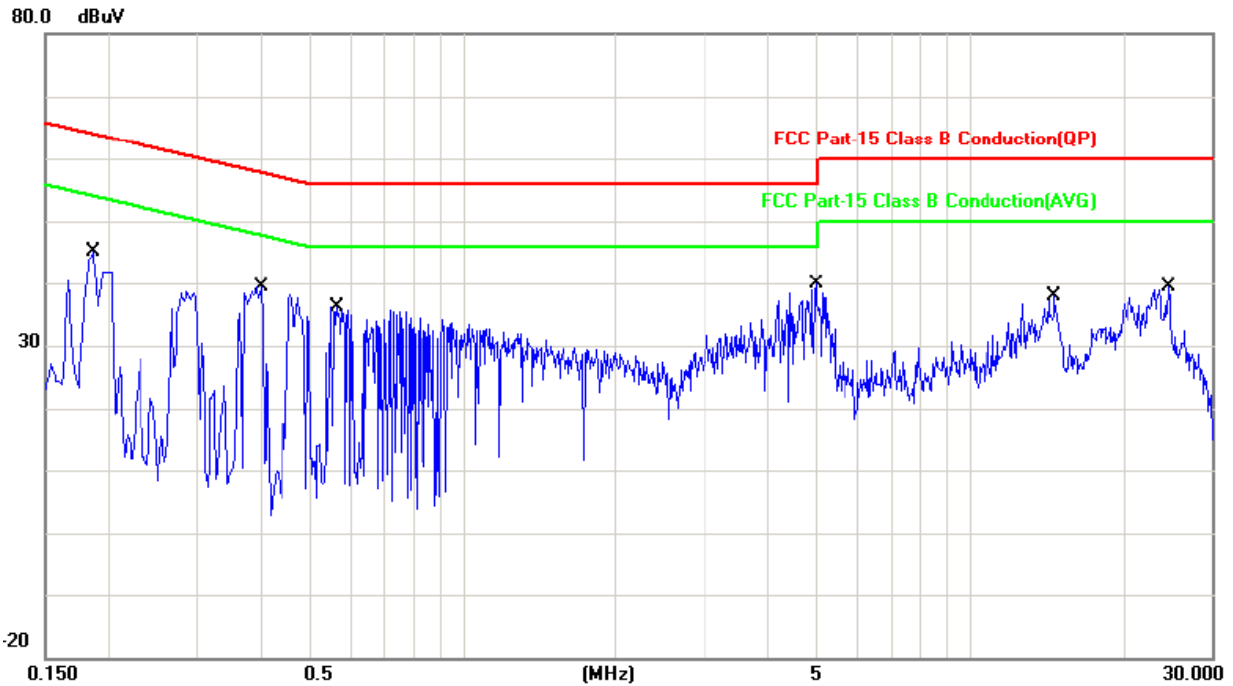
Power	: AC 120V	Pol/Phase	: LINE
Test Mode	: 802.11n HT40, CH3	Temperature	: 26 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 60 %
Test Date	: Aug. 29, 2011		



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1660	0.12	34.04	34.16	65.15	-30.99	QP	P
2	0.1660	0.12	22.10	22.22	55.15	-32.93	AVG	P
3	0.3020	0.12	35.33	35.45	60.19	-24.74	QP	P
4	0.3020	0.12	20.43	20.55	50.19	-29.64	AVG	P
5	0.4900	0.13	31.27	31.40	56.17	-24.77	QP	P
6	0.4900	0.13	17.49	17.62	46.17	-28.55	AVG	P
7	4.5060	0.36	32.32	32.68	56.00	-23.32	QP	P
8	4.5060	0.36	17.82	18.18	46.00	-27.82	AVG	P
9	14.3340	0.75	35.67	36.42	60.00	-23.58	QP	P
10	14.3340	0.75	30.89	31.64	50.00	-18.36	AVG	P
11	23.2540	1.10	32.15	33.25	60.00	-26.75	QP	P
12	23.2540	1.10	24.40	25.50	50.00	-24.50	AVG	P



Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode	: 802.11n HT40, CH3	Temperature	: 26 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 60 %
Test Date	: Aug. 29, 2011		



No.	Frequency (MHz)	Factor (dBuV)	Reading (dBuV)	Level (dBuV)	Limit (dBuV)	Margin (dB)	Detector	P/F
1	0.1860	0.12	42.09	42.21	64.21	-22.00	QP	P
2	0.1860	0.12	34.81	34.93	54.21	-19.28	AVG	P
3	0.3980	0.13	37.14	37.27	57.89	-20.62	QP	P
4	0.3980	0.13	22.11	22.24	47.89	-25.65	AVG	P
5	0.5660	0.15	34.31	34.46	56.00	-21.54	QP	P
6	0.5660	0.15	22.45	22.60	46.00	-23.40	AVG	P
7	4.9699	0.39	32.29	32.68	56.00	-23.32	QP	P
8	4.9699	0.39	16.55	16.94	46.00	-29.06	AVG	P
9	14.7140	0.78	30.27	31.05	60.00	-28.95	QP	P
10	14.7140	0.78	22.85	23.63	50.00	-26.37	AVG	P
11	24.7139	1.16	28.07	29.23	60.00	-30.77	QP	P
12	24.7139	1.16	22.18	23.34	50.00	-26.66	AVG	P

Test engineer: Ben



5. Test of Radiated Emission

5.1 Test Limit

Radiated emissions from 30 MHz to 25 GHz were measured according to the methods defines in ANSI C63.4-2009.

Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(kHz)	300
0.490~1.705	24000/F(kHz)	30
1.705~30.0	30	30
30~88	100	3
88~126	150	3
216~960	200	3
Above 960	500	3

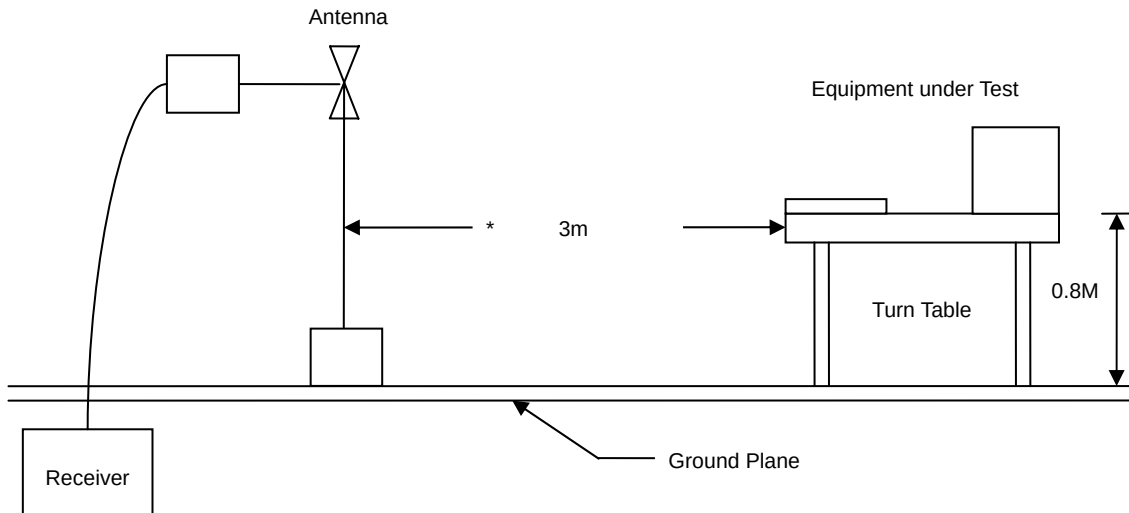
5.2 Test Procedures

- The EUT was placed on a rotatable table top 0.8 meter above ground.
- The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
- The table was rotated 360 degrees to determine the position of the highest radiation.
- The antenna is a broadband antenna and its height is varied between one meter and four meters above ground to find the maximum value of the field strength both horizontal polarization and vertical polarization of the antenna are set to make the measurement.
- For each suspected emission the EUT was arranged to its worst case and then tune the antenna tower (from 1 M to 4 M) and turn table (from 0 degree to 360 degrees) to find the maximum reading.
- Set the test-receiver system to Peak or CISPR quasi-peak Detect Function and specified bandwidth with Maximum Hold Mode.
- If the emission level of the EUT in peak mode was 3 dB lower than the limit specified, then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions which do not have 3 dB margin will be repeated one by one using the quasi-peak method and reported.
- For testing above 1GHz, the emission level of the EUT in peak mode was 20dB lower than average limit (that means the emission level in peak mode also complies with the limit in average mode), then testing will be stopped and peak values of EUT will be reported, otherwise, the emissions will be measured in average mode again and reported.
- "Cone of radiation" has been considered to be 3dB bandwidth of the measurement antenna.

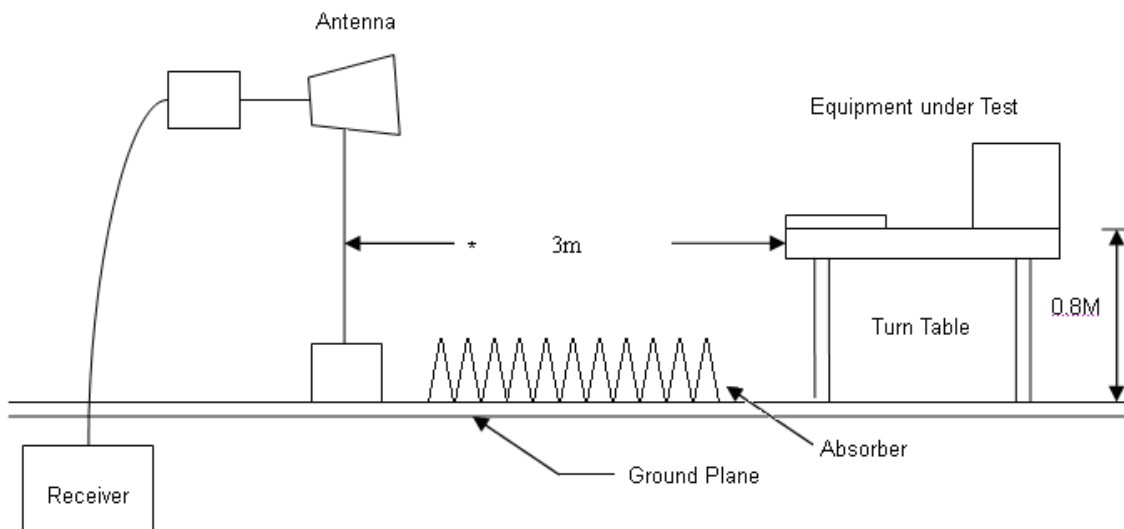


5.3 Typical Test Setup

Below 1GHz Test Setup



Above 1GHz Test Setup



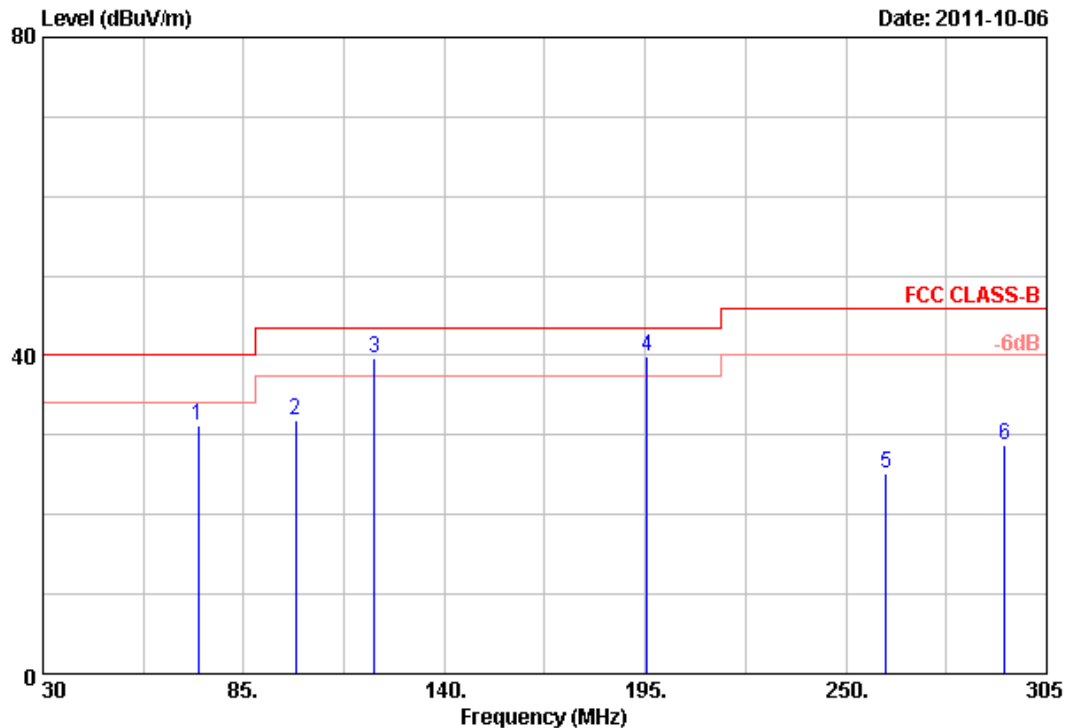
5.4 Measurement Equipment

Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
Amplifier	Agilent	8447D	2944A10531	2011/01/21	2012/01/20
Bilog Antenna	Schaffner	CBL6112D	22242	2011/02/09	2012/02/08
EMI Receiver	R&S	ESCI	101200	2011/07/26	2012/07/25
Spectrum Analyzer	R&S	FSP40	100219	2010/11/05	2011/11/04
Horn Antenna	EMCO	3115	31589	2011/05/02	2012/05/01
Horn Antenna	EMCO	3116	31970	2011/06/21	2012/06/20
Preamplifier	Agilent	8449B	3008A01954	2011/03/02	2012/03/01



5.5 Test Result and Data

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11g, CH1	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



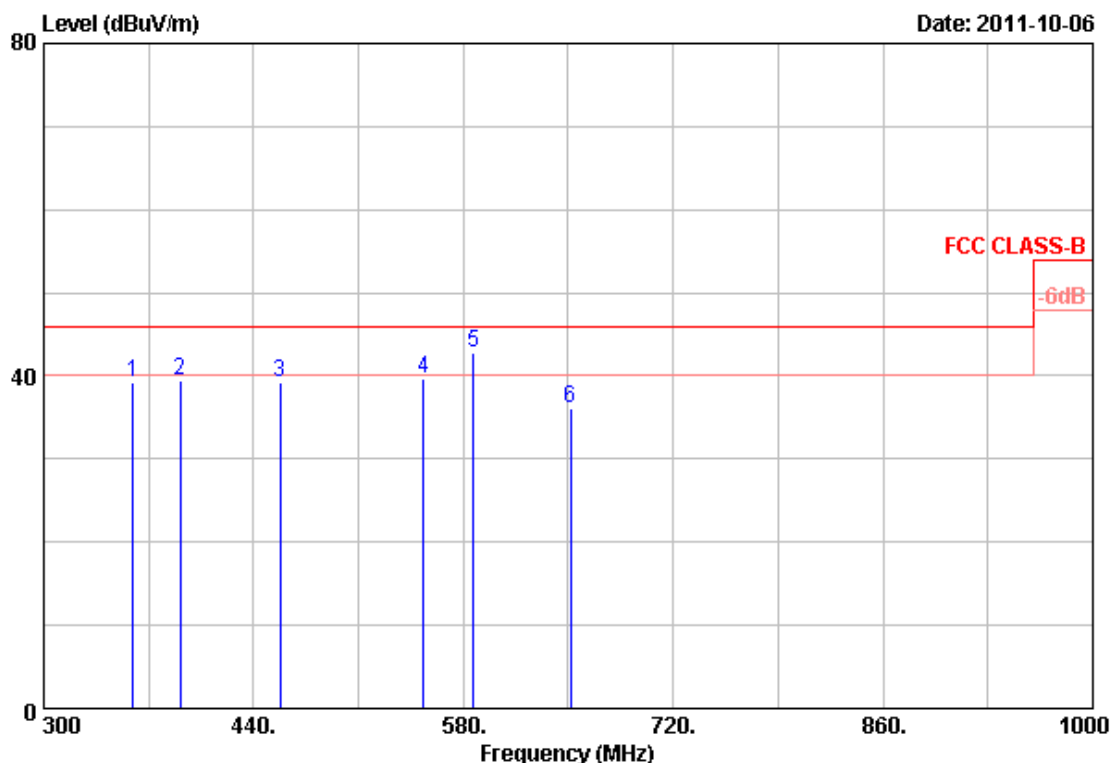
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	72.63	37.58	-6.41	31.17	40.00	-8.83	Peak	100	360
2	99.30	31.47	0.32	31.79	43.50	-11.71	Peak	100	360
3	120.75	32.20	7.46	39.66	43.50	-3.84	QP	100	360
4	195.55	39.90	0.05	39.95	43.50	-3.55	QP	100	360
5	261.00	30.11	-5.01	25.10	46.00	-20.90	Peak	100	360
6	293.45	32.12	-3.45	28.67	46.00	-17.33	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11g, CH1	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



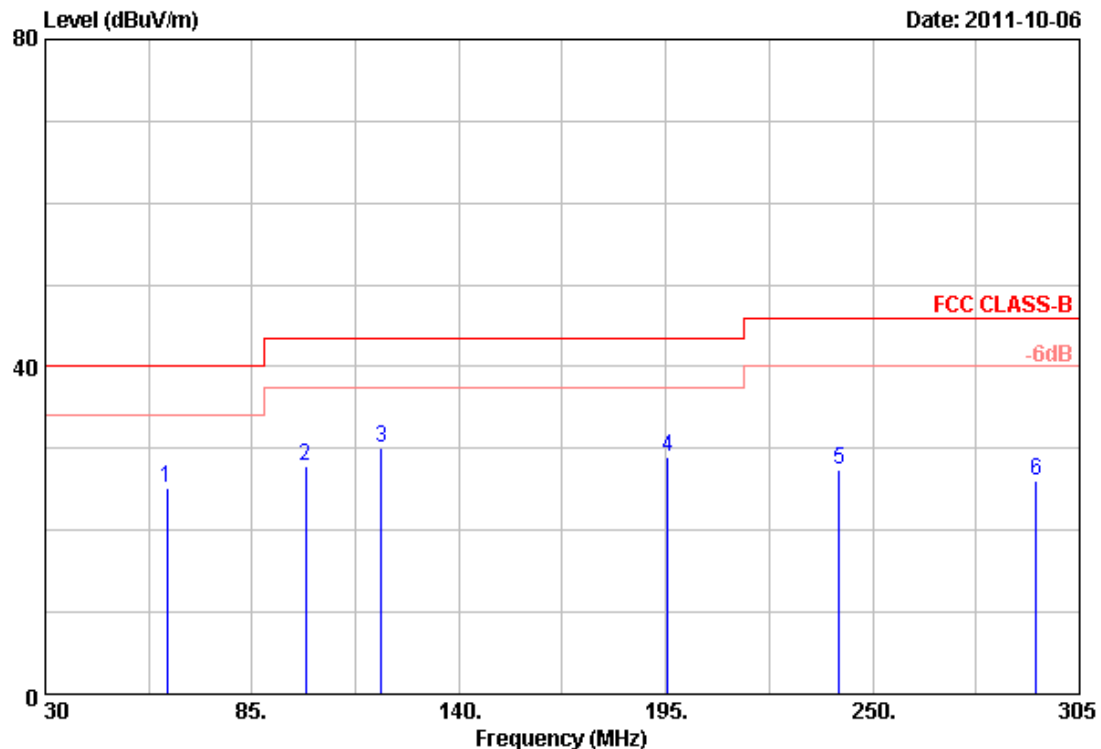
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	359.50	43.48	-4.17	39.31	46.00	-6.69	Peak	100	0
2	391.00	40.84	-1.30	39.54	46.00	-6.46	Peak	100	0
3	457.50	42.79	-3.66	39.13	46.00	-6.87	Peak	100	0
4	553.40	30.21	9.55	39.76	46.00	-6.24	Peak	100	0
5	587.00	37.12	5.58	42.70	46.00	-3.30	QP	100	0
6	651.40	32.44	3.63	36.07	46.00	-9.93	Peak	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11g, CH1	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



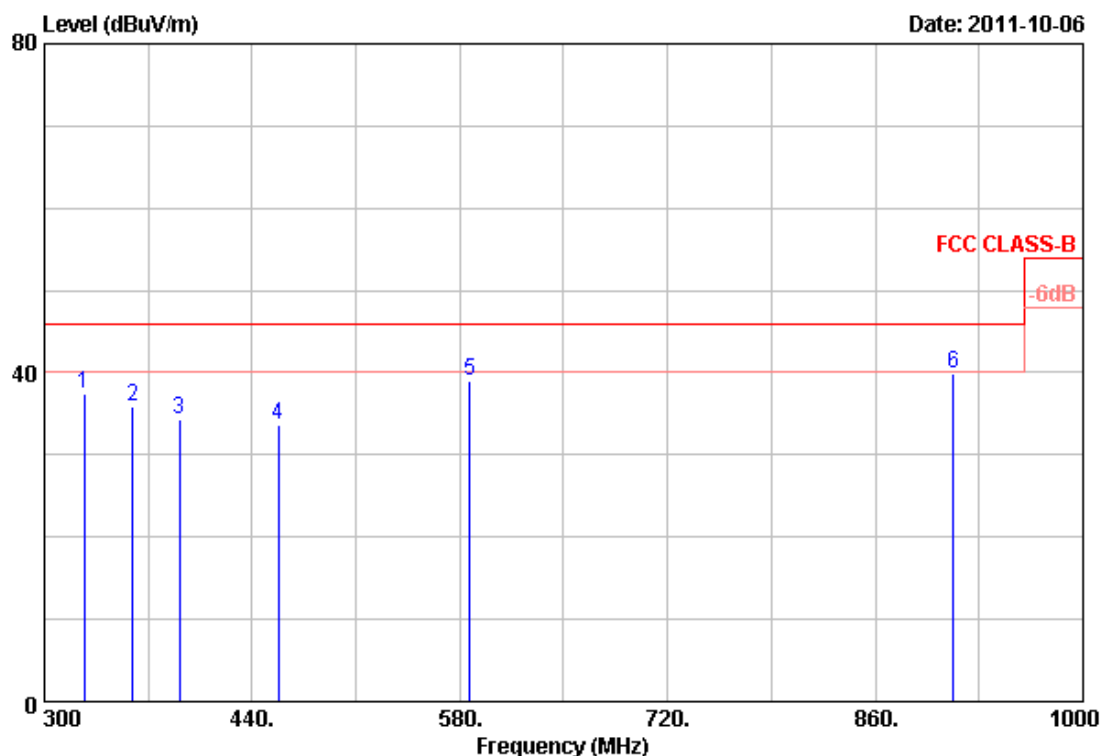
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	62.45	39.55	-14.36	25.19	40.00	-14.81	Peak	100	360
2	99.30	36.12	-8.30	27.82	43.50	-15.68	Peak	100	360
3	119.38	40.89	-10.70	30.19	43.50	-13.31	Peak	100	360
4	195.55	40.69	-11.66	29.03	43.50	-14.47	Peak	100	360
5	241.20	33.25	-5.95	27.30	46.00	-18.70	Peak	100	360
6	293.45	31.81	-5.82	25.99	46.00	-20.01	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11g, CH1	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



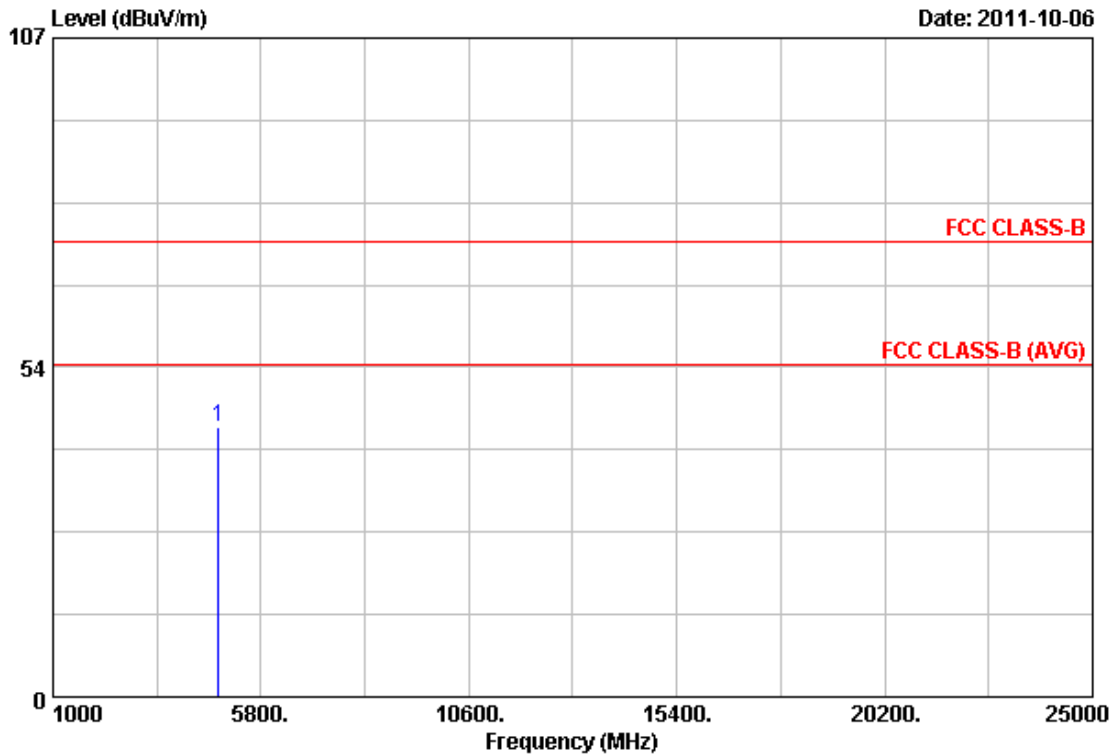
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	326.60	44.22	-6.86	37.36	46.00	-8.64	Peak	100	0
2	359.50	42.99	-7.21	35.78	46.00	-10.22	Peak	100	0
3	391.00	37.89	-3.51	34.38	46.00	-11.62	Peak	100	0
4	457.50	32.87	0.74	33.61	46.00	-12.39	Peak	100	0
5	587.00	31.34	7.58	38.92	46.00	-7.08	Peak	100	0
6	912.50	28.52	11.28	39.80	46.00	-6.20	Peak	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11b, CH1	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



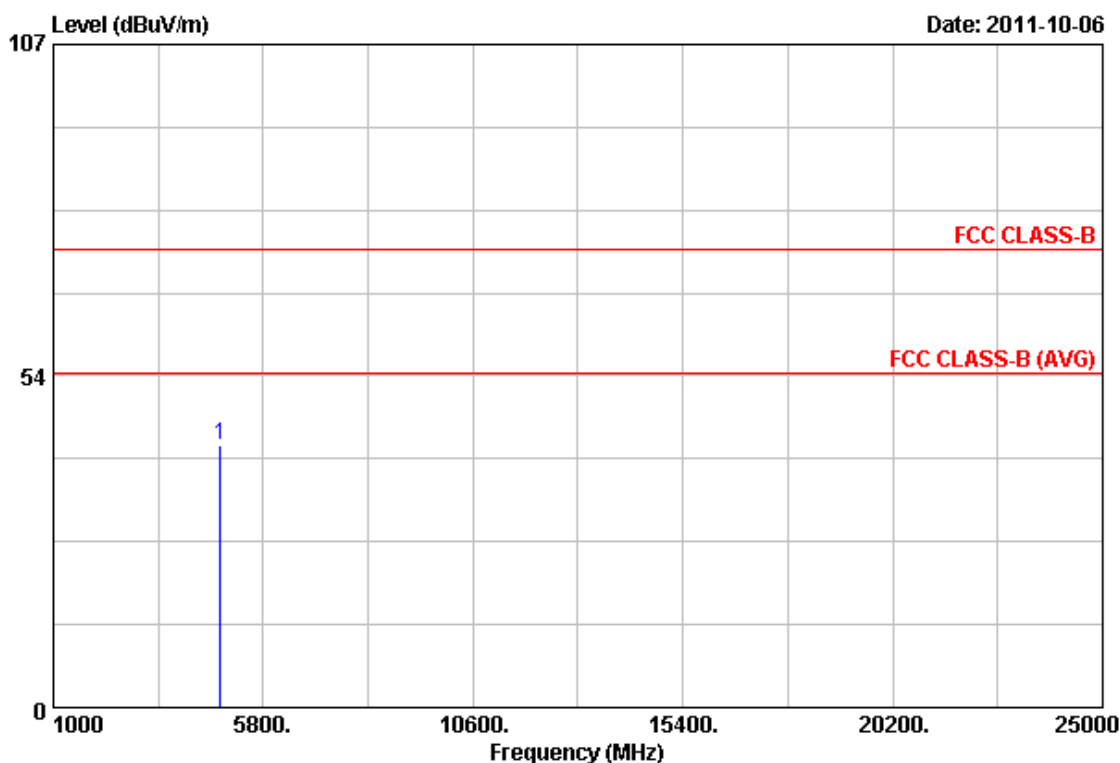
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.00	38.59	5.37	43.96	74.00	-30.04	Peak	100	220

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11b, CH1	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



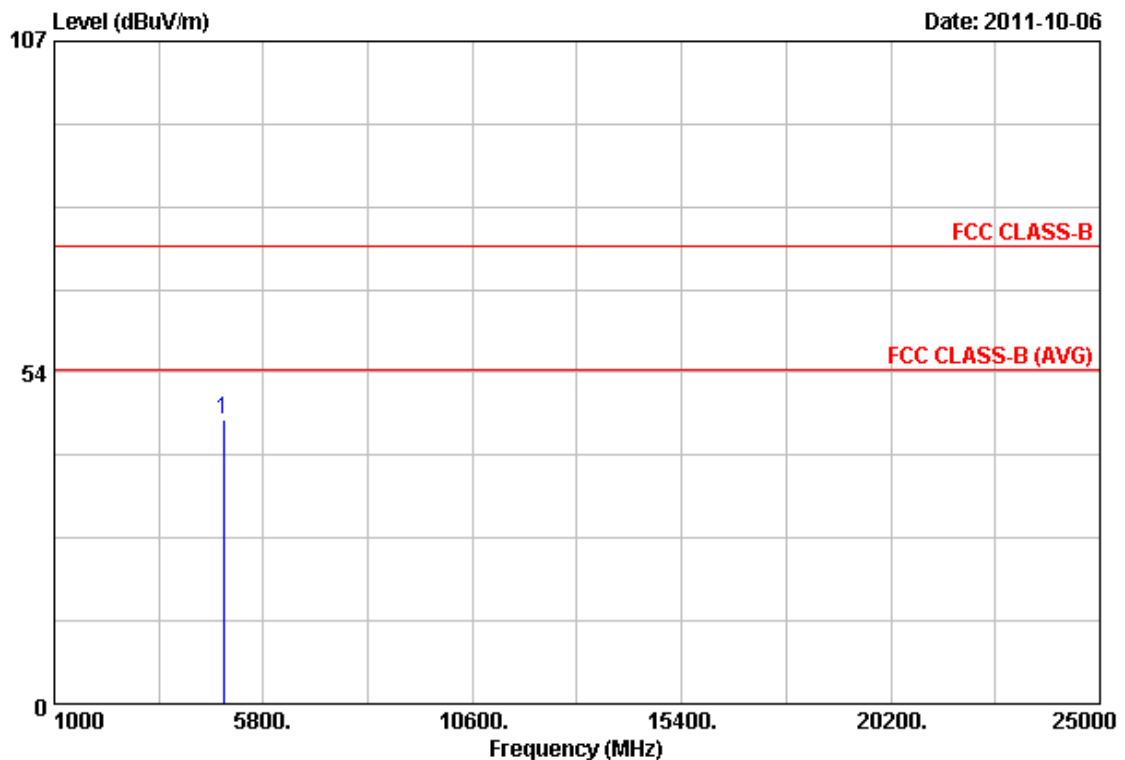
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.00	38.71	3.71	42.42	74.00	-31.58	Peak	100	178

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11b, CH6	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



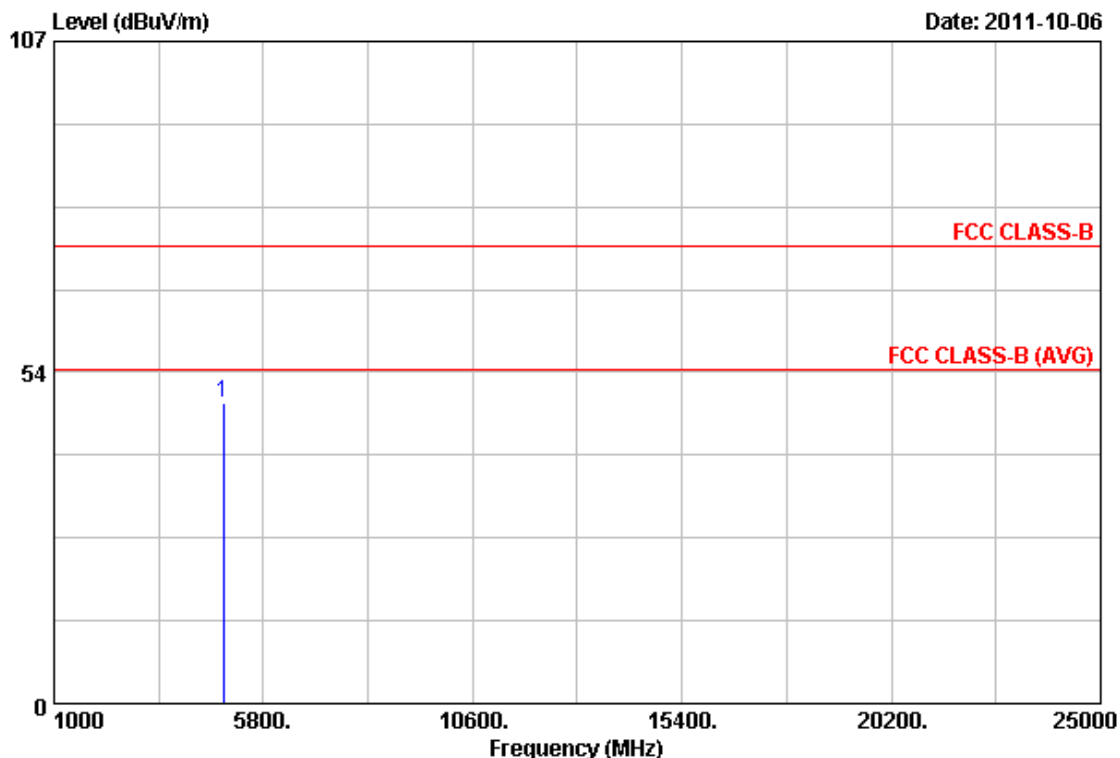
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.00	39.59	6.36	45.95	74.00	-28.05	Peak	100	195

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11b, CH6	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



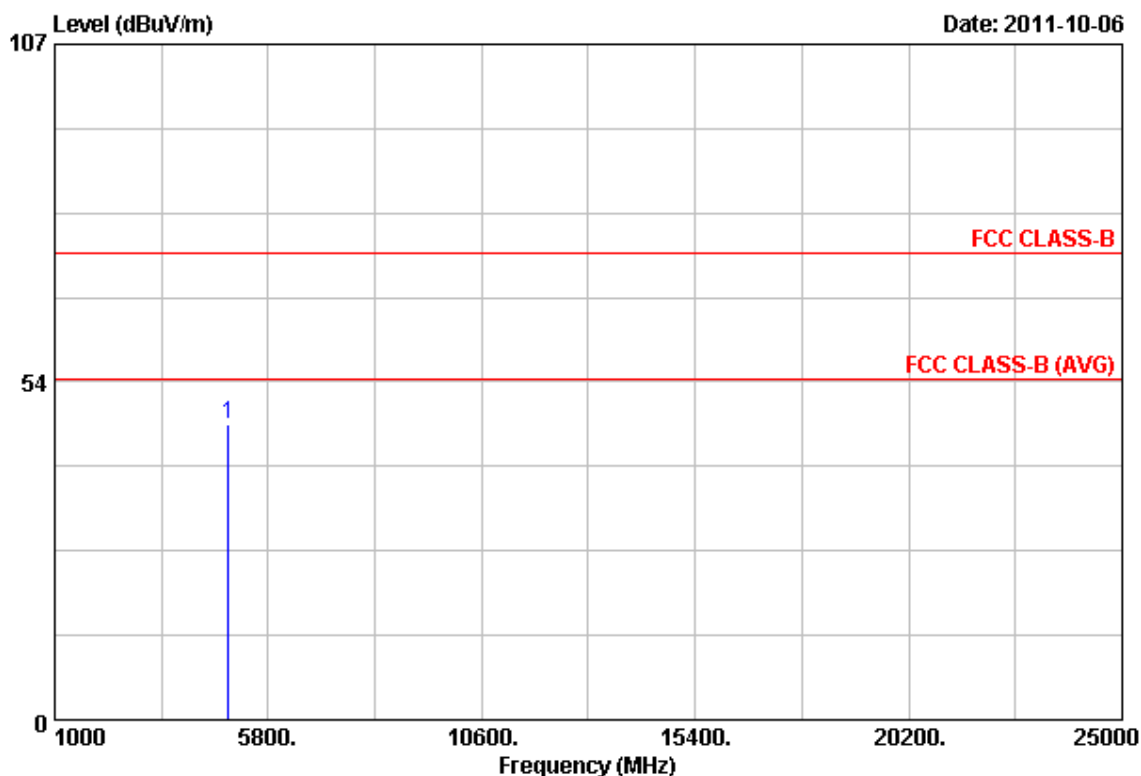
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.00	44.17	4.50	48.67	74.00	-25.33	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11b, CH11	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



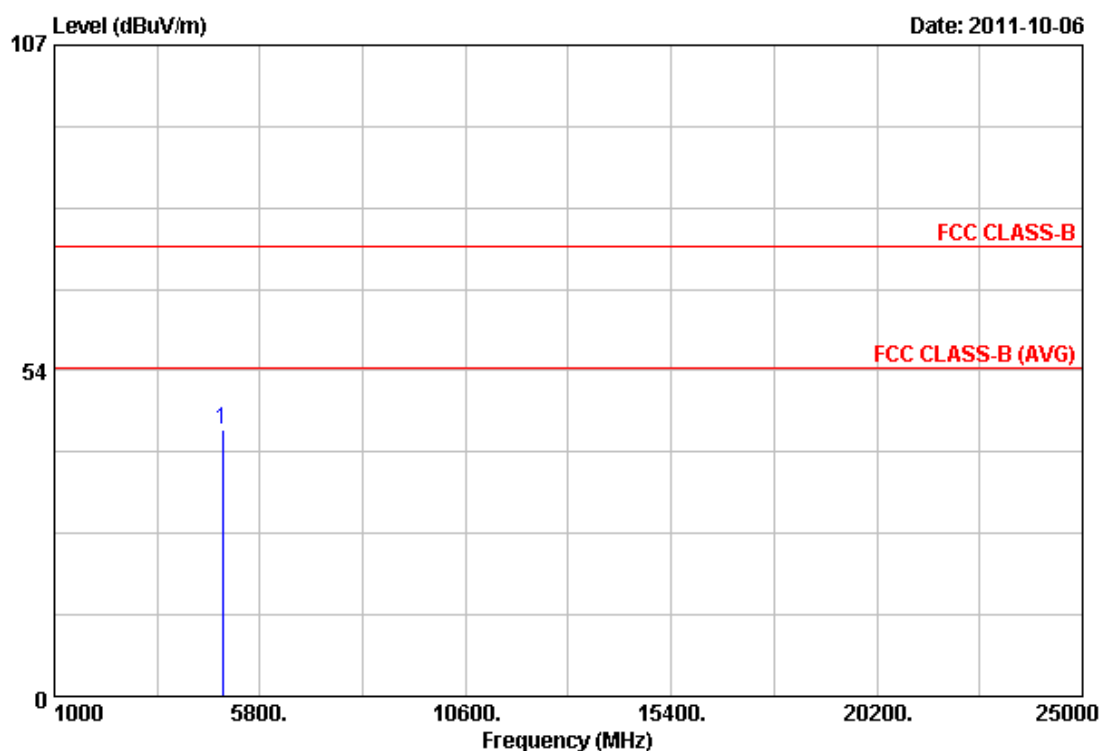
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4904.00	39.78	6.89	46.67	74.00	-27.33	Peak	100	195

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11b, CH11	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



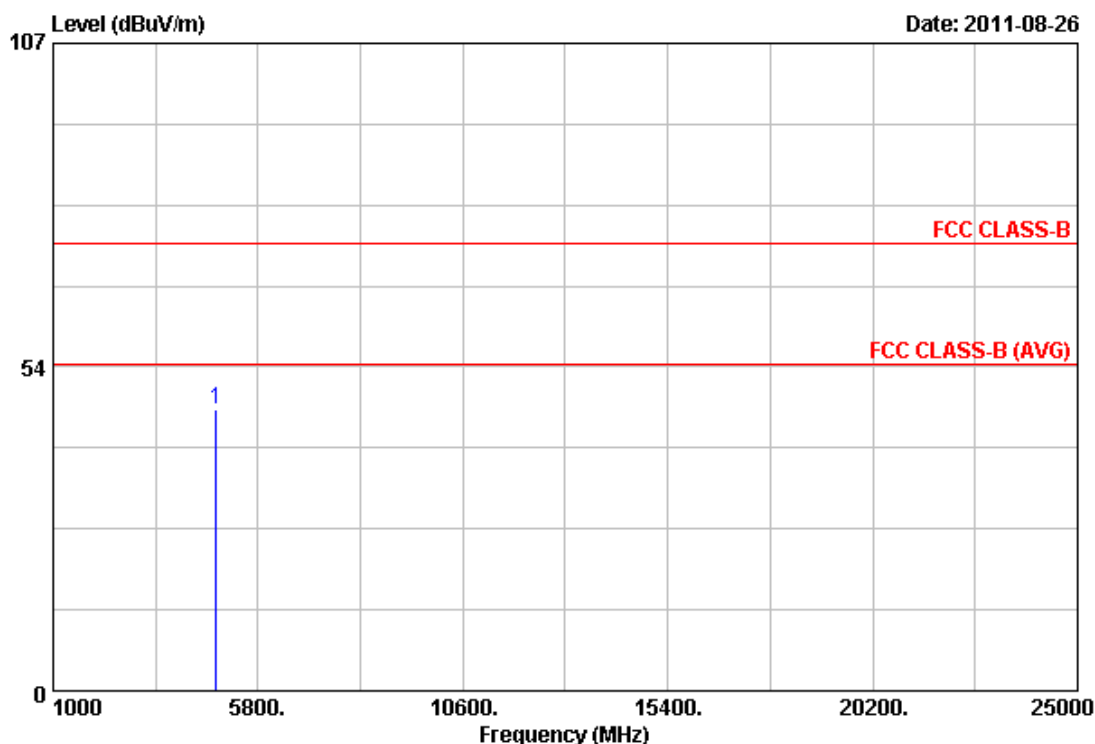
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.00	38.99	4.93	43.92	74.00	-30.08	Peak	100	195

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11g, CH1	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



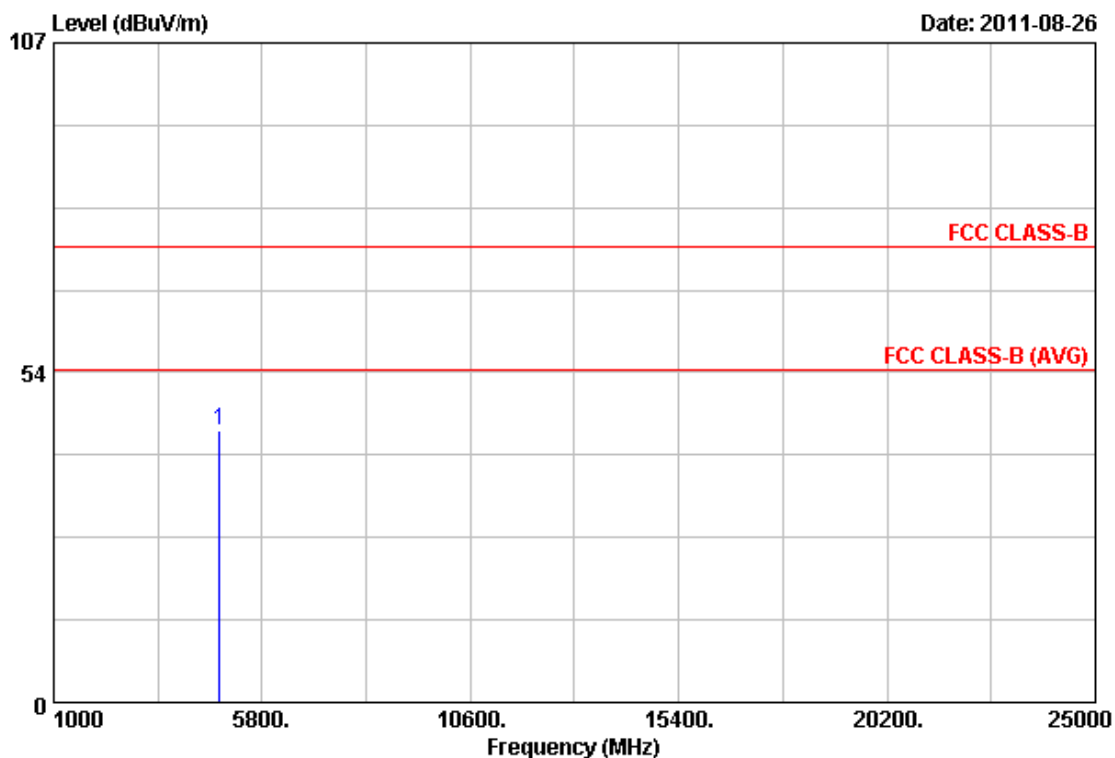
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.00	40.96	5.66	46.62	74.00	-27.38	Peak	100	276

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11g, CH1	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



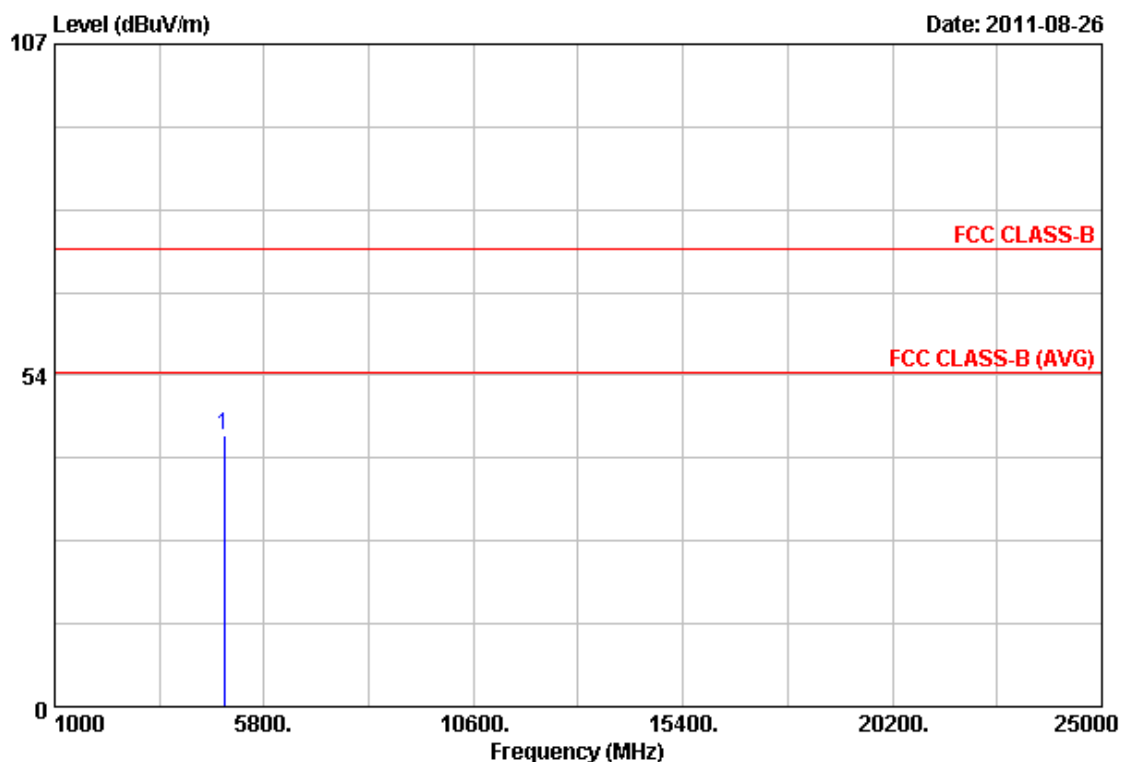
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.00	38.58	5.66	44.24	74.00	-29.76	Peak	100	256

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11g, CH6	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



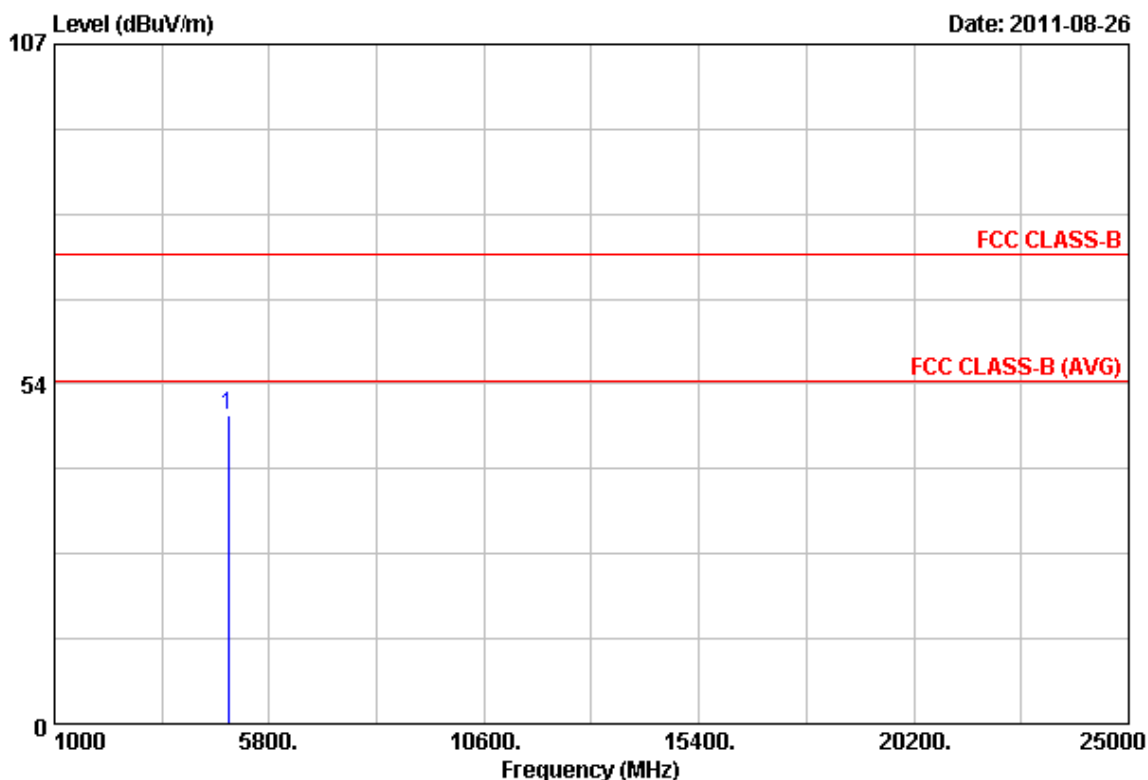
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.00	37.90	5.84	43.74	74.00	-30.26	Peak	100	313

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11g, CH6	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



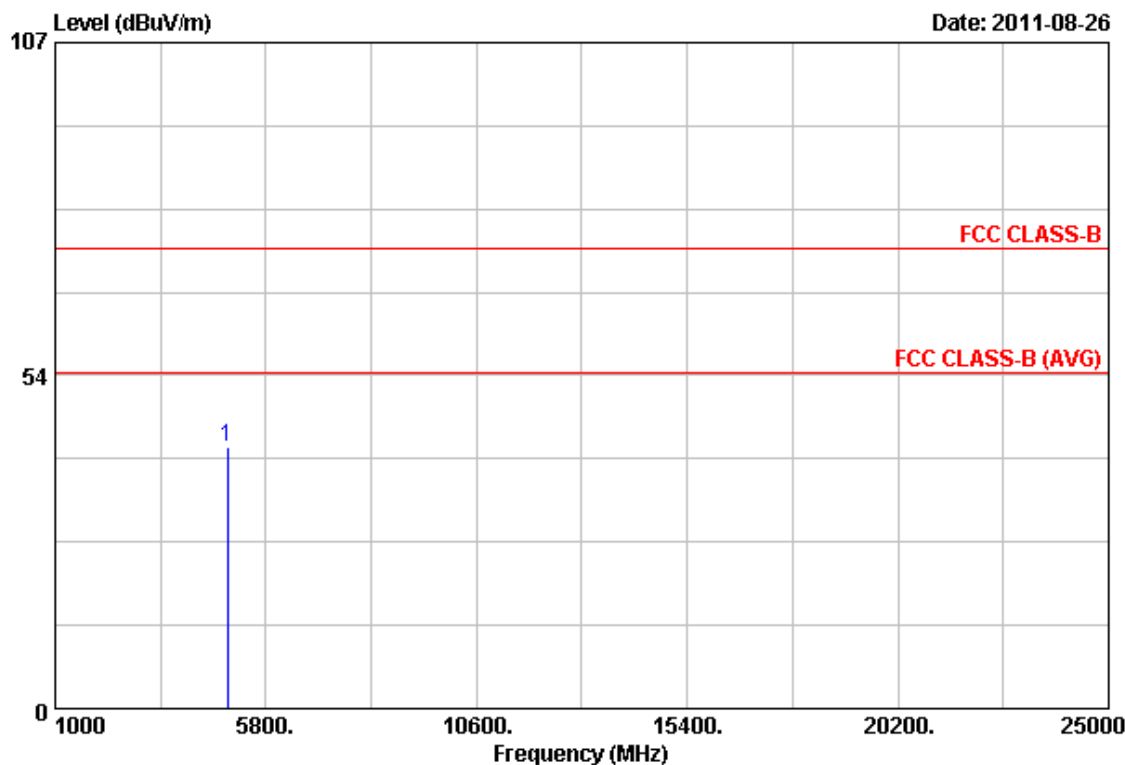
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.00	42.88	5.84	48.72	74.00	-25.28	Peak	100	129

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300KHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11g, CH11	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



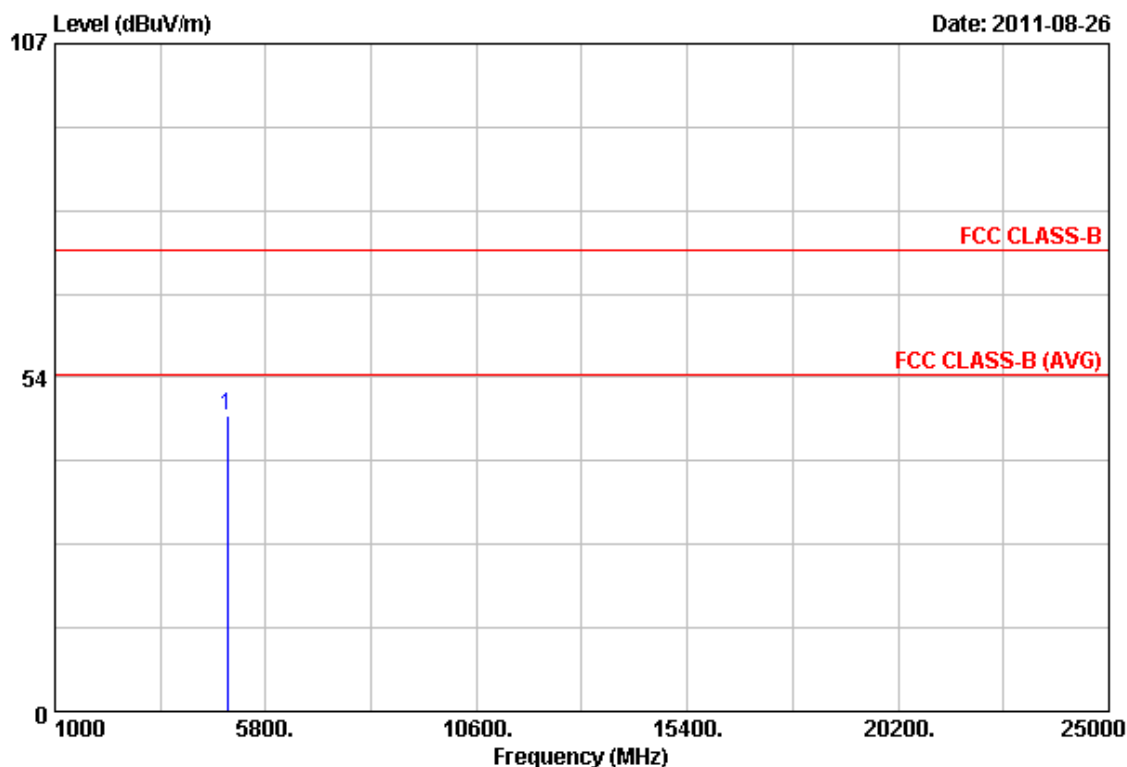
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.00	36.01	6.02	42.03	74.00	-31.97	Peak	100	326

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11g, CH11	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



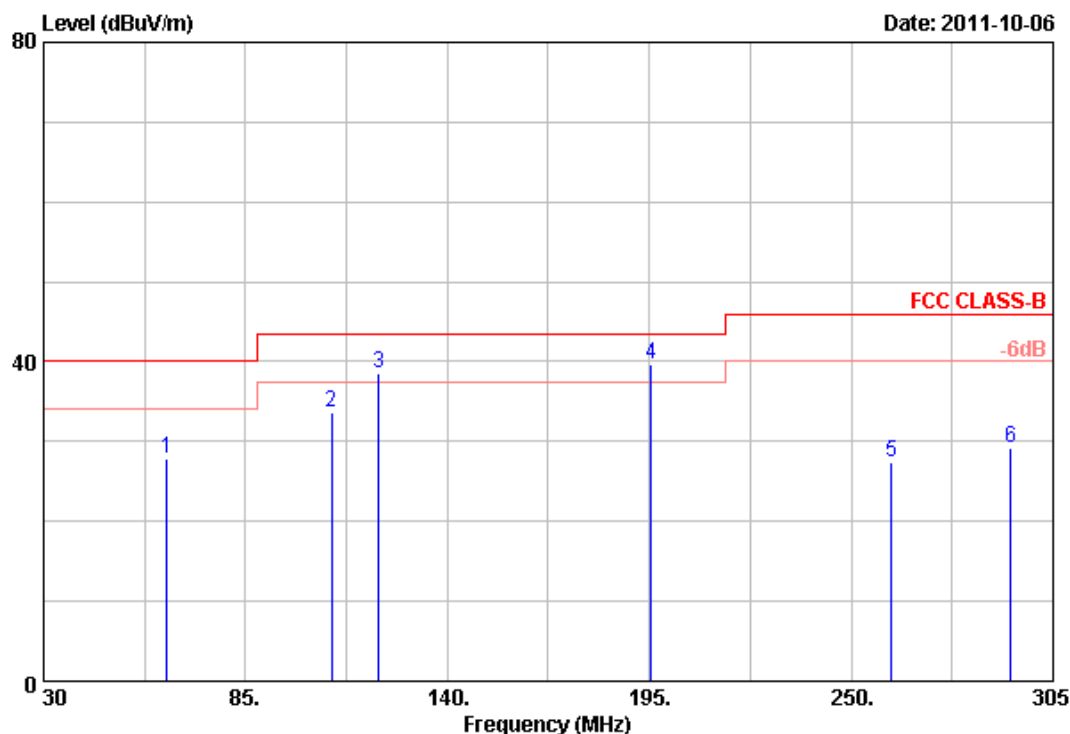
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.00	41.45	6.02	47.47	74.00	-26.53	Peak	100	112

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300KHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20, CH1	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



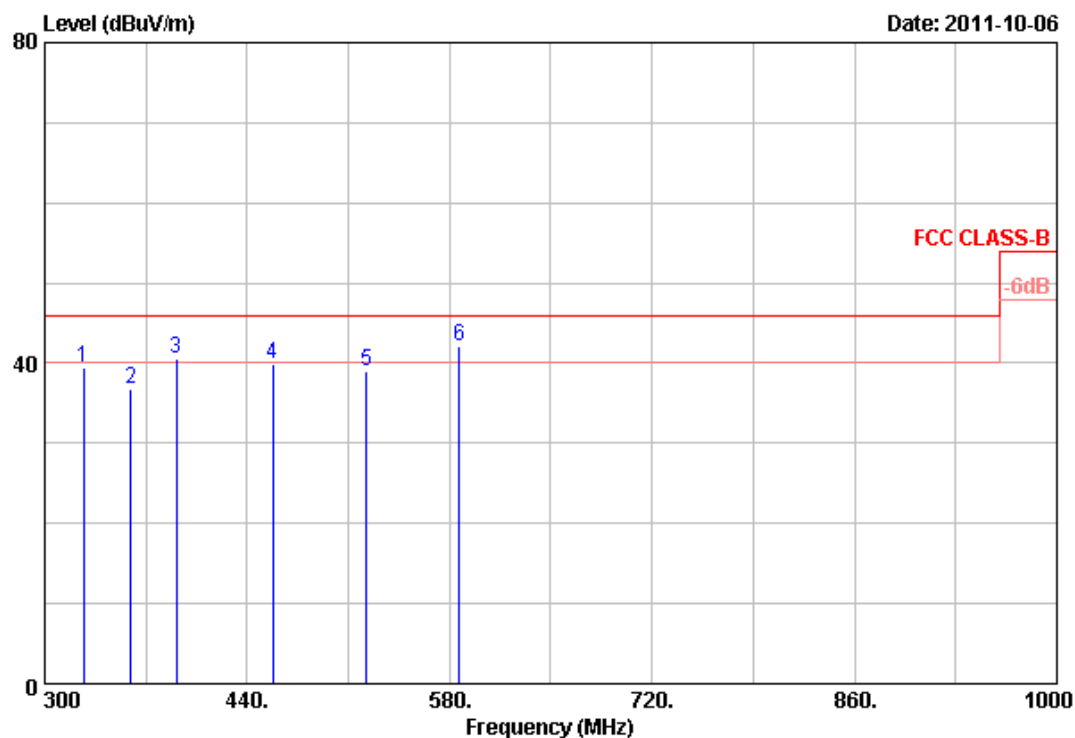
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	63.55	35.74	-7.91	27.83	40.00	-12.17	Peak	100	360
2	108.38	32.53	1.22	33.75	43.50	-9.75	Peak	100	360
3	121.30	31.48	7.12	38.60	43.50	-4.90	QP	100	360
4	195.55	39.62	0.05	39.67	43.50	-3.83	QP	100	360
5	261.00	32.46	-5.01	27.45	46.00	-18.55	Peak	100	360
6	293.45	32.69	-3.45	29.24	46.00	-16.76	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20, CH1	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



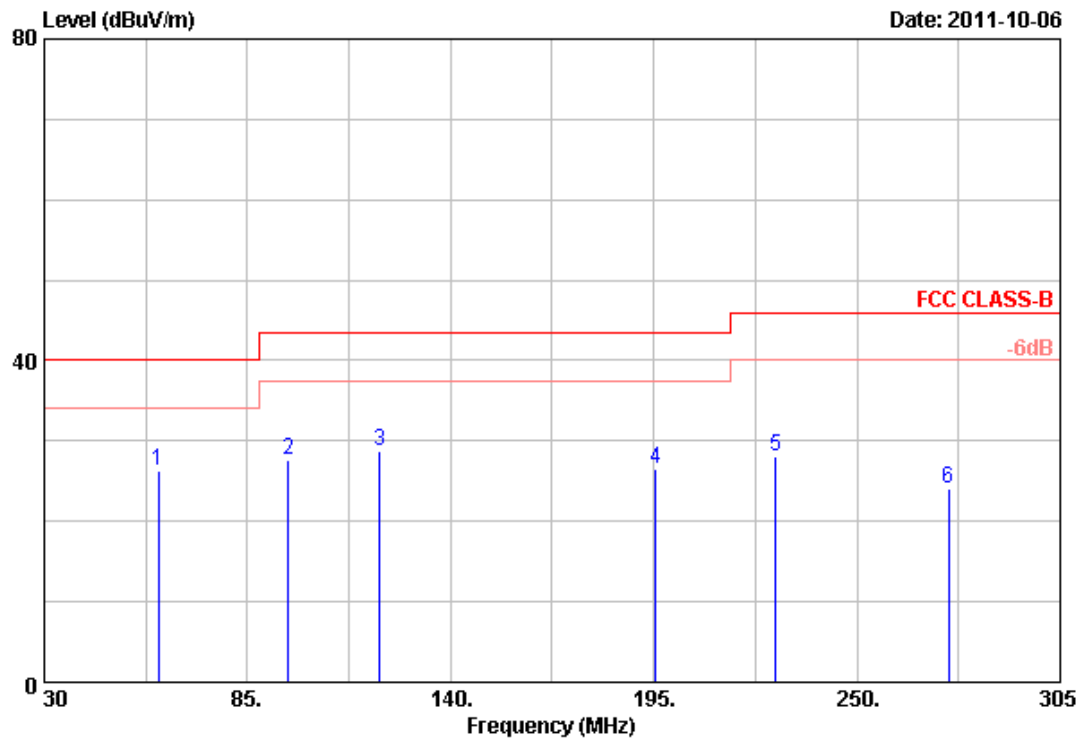
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	326.60	43.77	-4.42	39.35	46.00	-6.65	Peak	100	0
2	359.50	41.03	-4.17	36.86	46.00	-9.14	Peak	100	0
3	391.00	41.77	-1.30	40.47	46.00	-5.53	Peak	100	0
4	457.50	43.65	-3.66	39.99	46.00	-6.01	Peak	100	0
5	522.60	36.77	2.22	38.99	46.00	-7.01	Peak	100	0
6	587.00	36.50	5.58	42.08	46.00	-3.92	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20, CH1	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



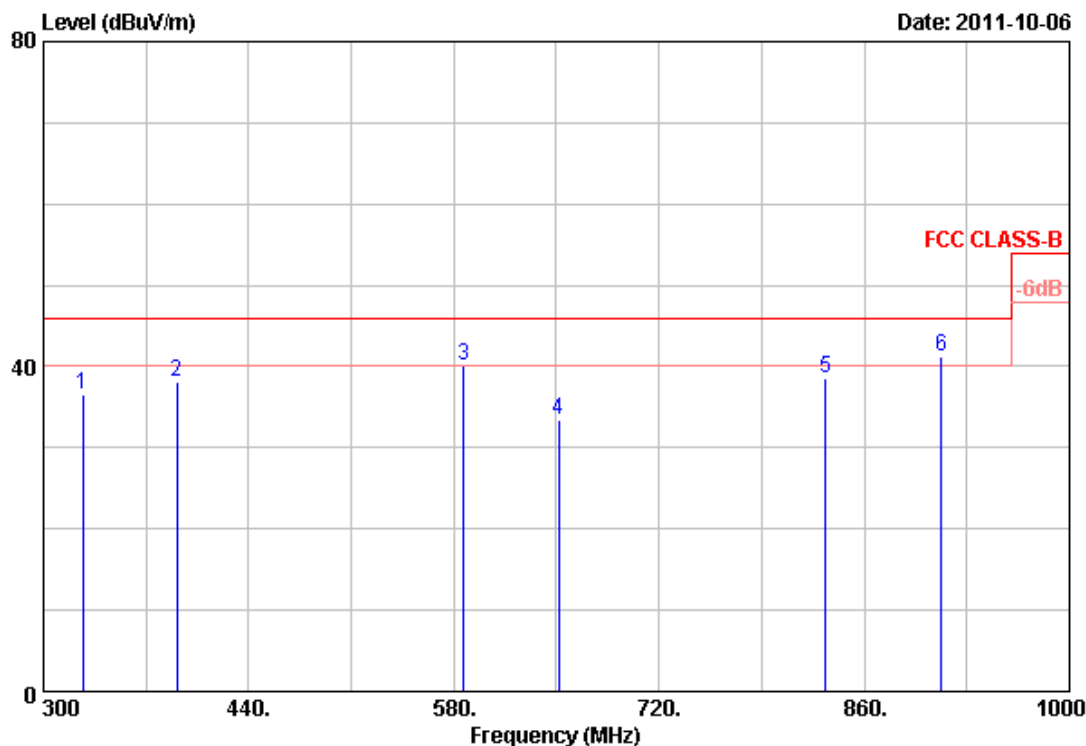
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	60.80	40.17	-13.95	26.22	40.00	-13.78	Peak	100	360
2	96.00	38.00	-10.26	27.74	43.50	-15.76	Peak	100	360
3	120.75	38.98	-10.20	28.78	43.50	-14.72	Peak	100	360
4	195.55	38.17	-11.66	26.51	43.50	-16.99	Peak	100	360
5	228.00	34.74	-6.55	28.19	46.00	-17.81	Peak	100	360
6	274.75	31.44	-7.44	24.00	46.00	-22.00	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20, CH1	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



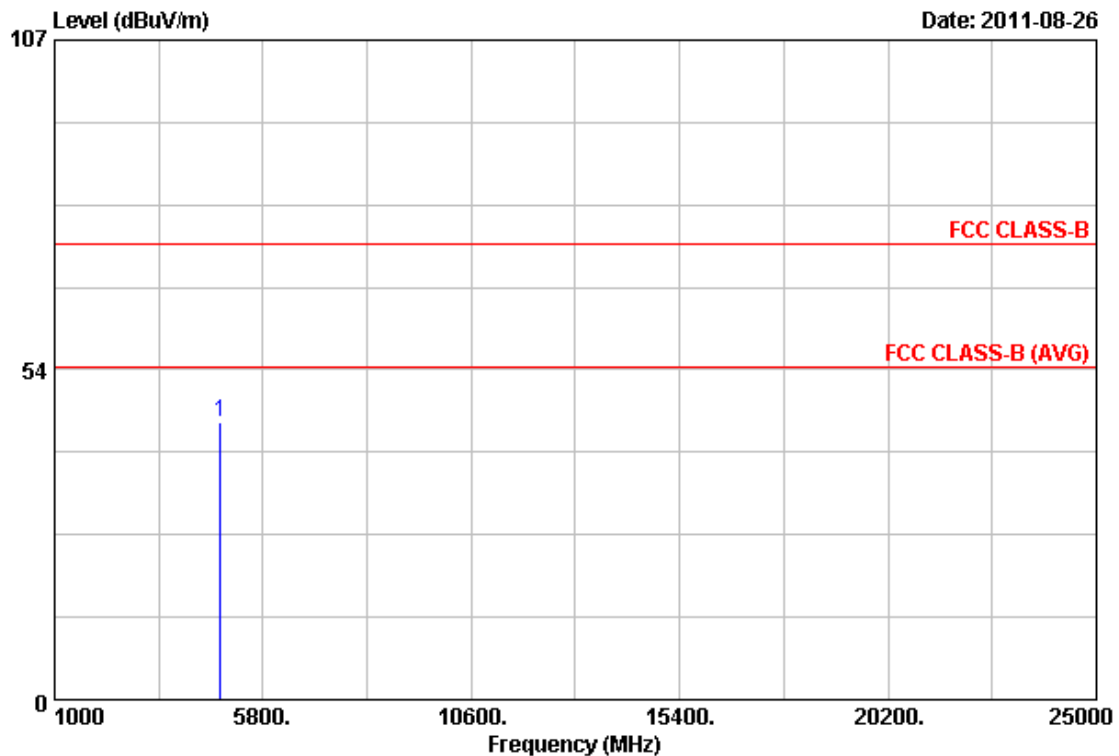
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	326.60	43.39	-6.86	36.53	46.00	-9.47	Peak	100	0
2	391.00	41.71	-3.51	38.20	46.00	-7.80	Peak	100	0
3	587.00	32.51	7.58	40.09	46.00	-5.91	QP	100	0
4	651.40	29.33	4.04	33.37	46.00	-12.63	Peak	100	0
5	833.40	24.73	13.72	38.45	46.00	-7.55	Peak	100	0
6	912.50	29.93	11.28	41.21	46.00	-4.79	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same,so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences,all spurious emission of 802.11g/n mode at channel 1,6,11 or 3,6,9(for HT40) are almost the same below 1GHz,so that the channel 1 or 3(for HT40)was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20, CH1	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



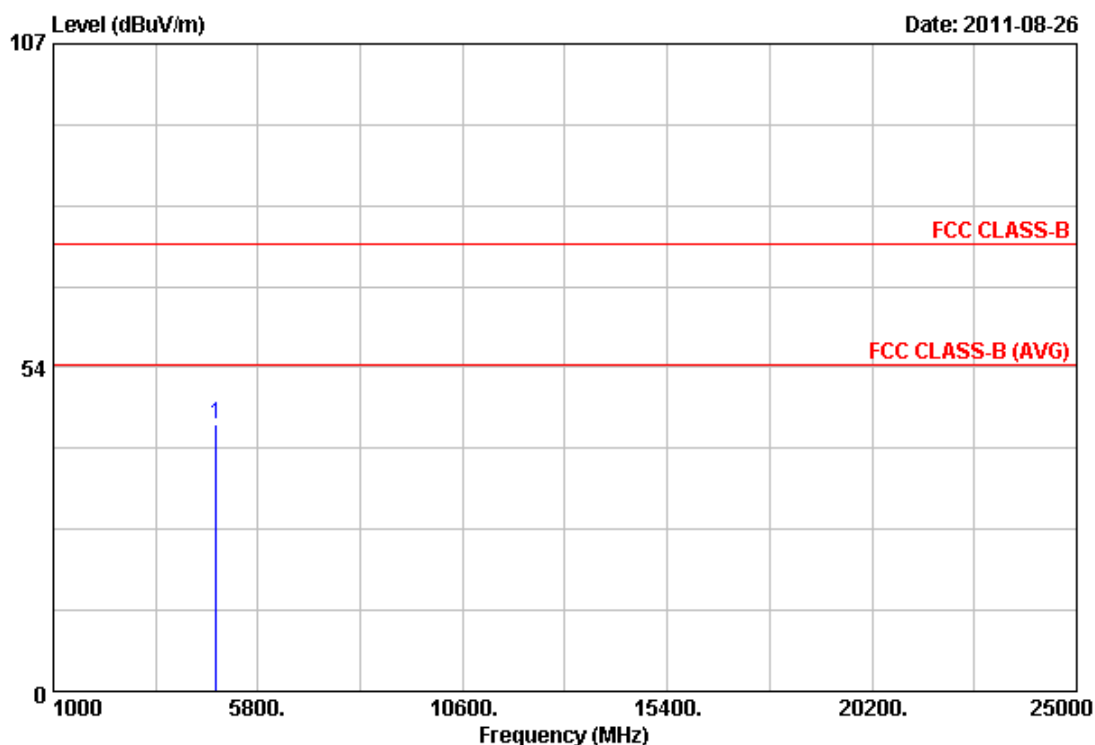
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.00	39.49	5.66	45.15	74.00	-28.85	Peak	100	219

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20, CH1	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



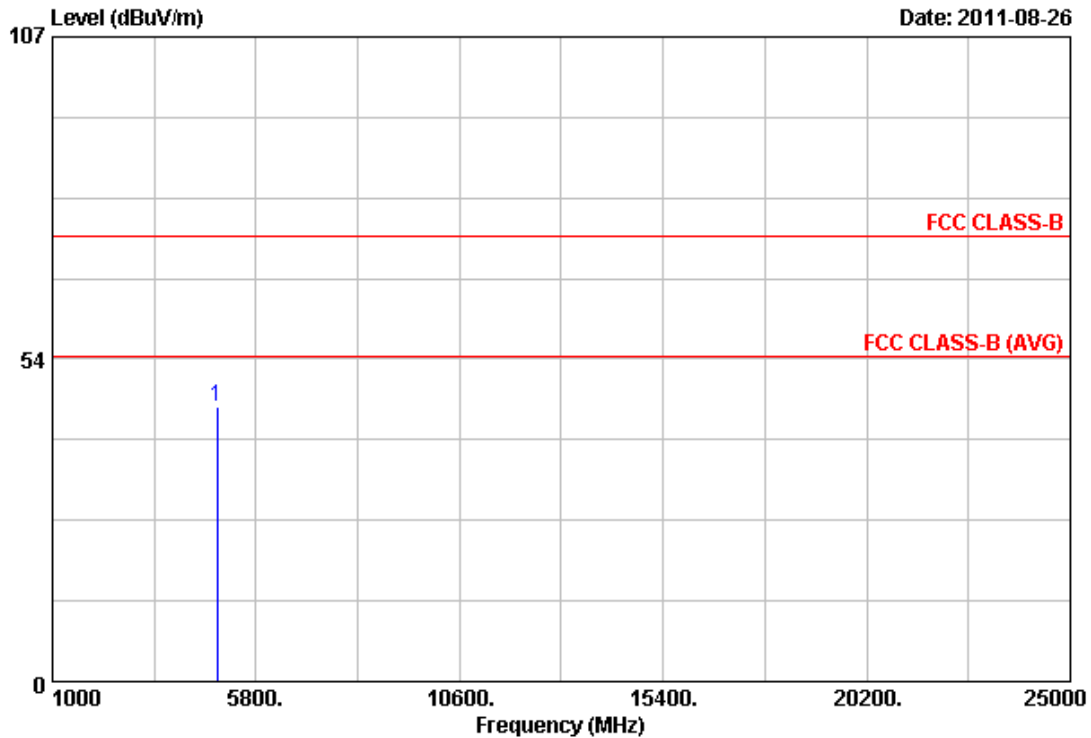
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.00	38.59	5.66	44.25	74.00	-29.75	Peak	100	267

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20, CH6	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



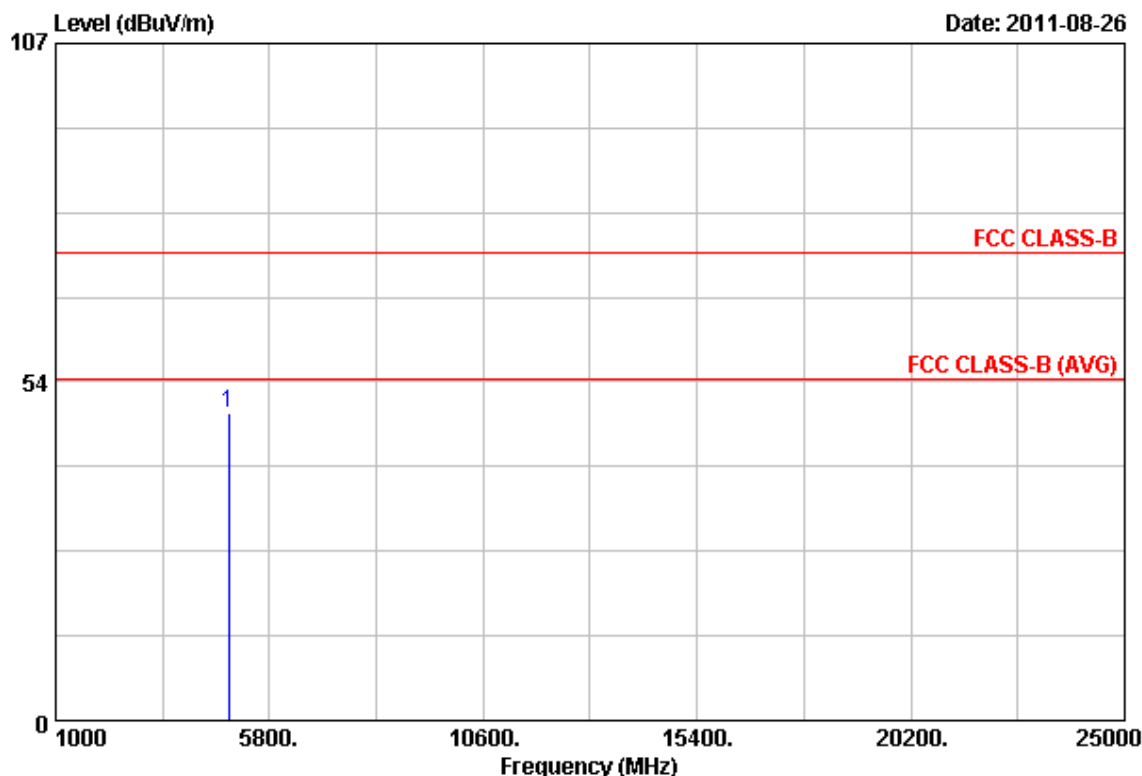
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.00	39.79	5.84	45.63	74.00	-28.37	Peak	100	168

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20, CH6	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



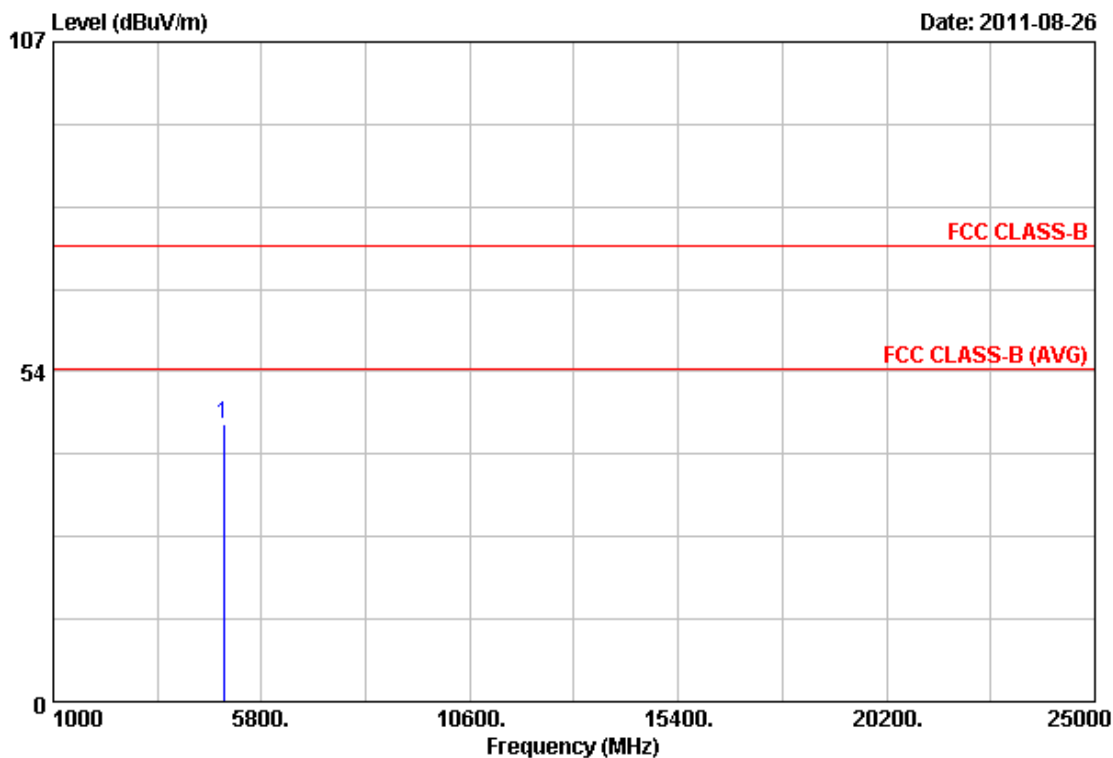
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.00	42.88	5.84	48.72	74.00	-25.28	Peak	100	168

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300KHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20, CH11	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



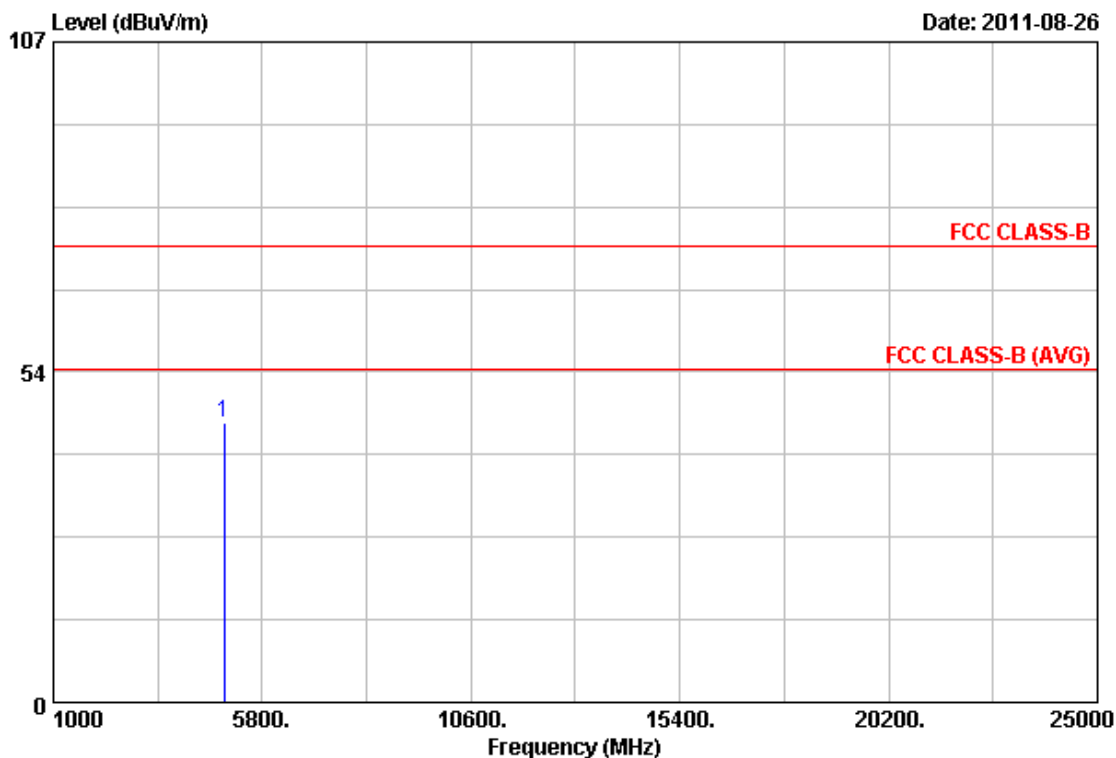
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.00	38.99	6.02	45.01	74.00	-28.99	Peak	100	168

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20, CH11	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



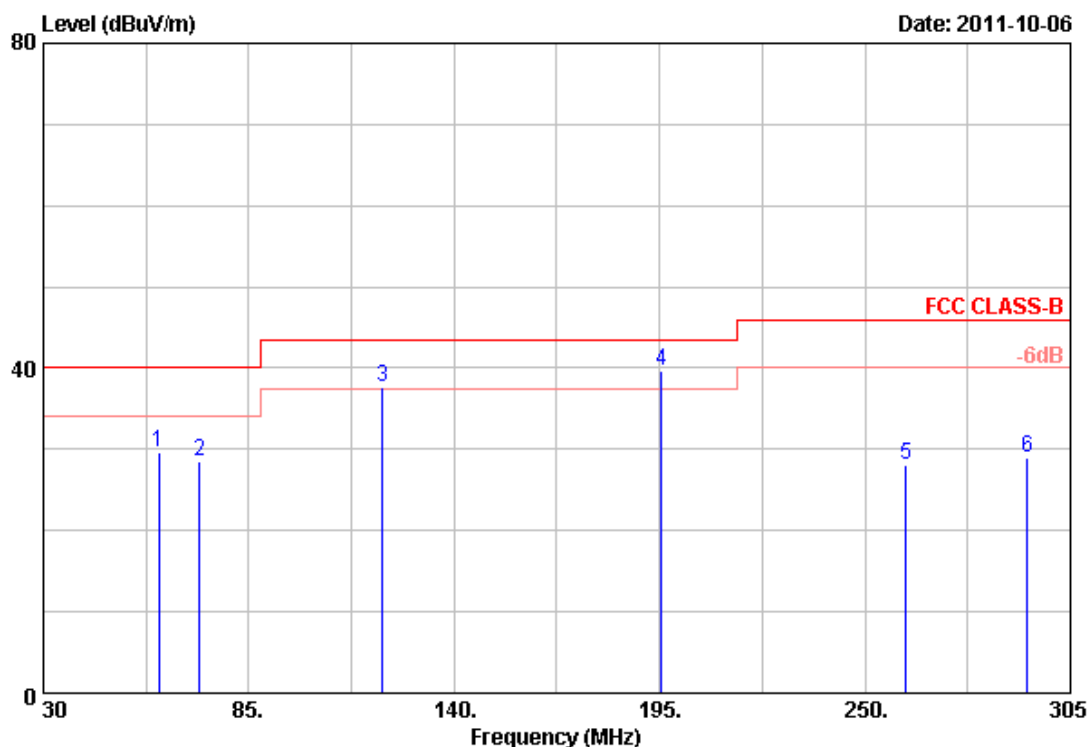
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.00	39.16	6.02	45.18	74.00	-28.82	Peak	100	168

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT40, CH3	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



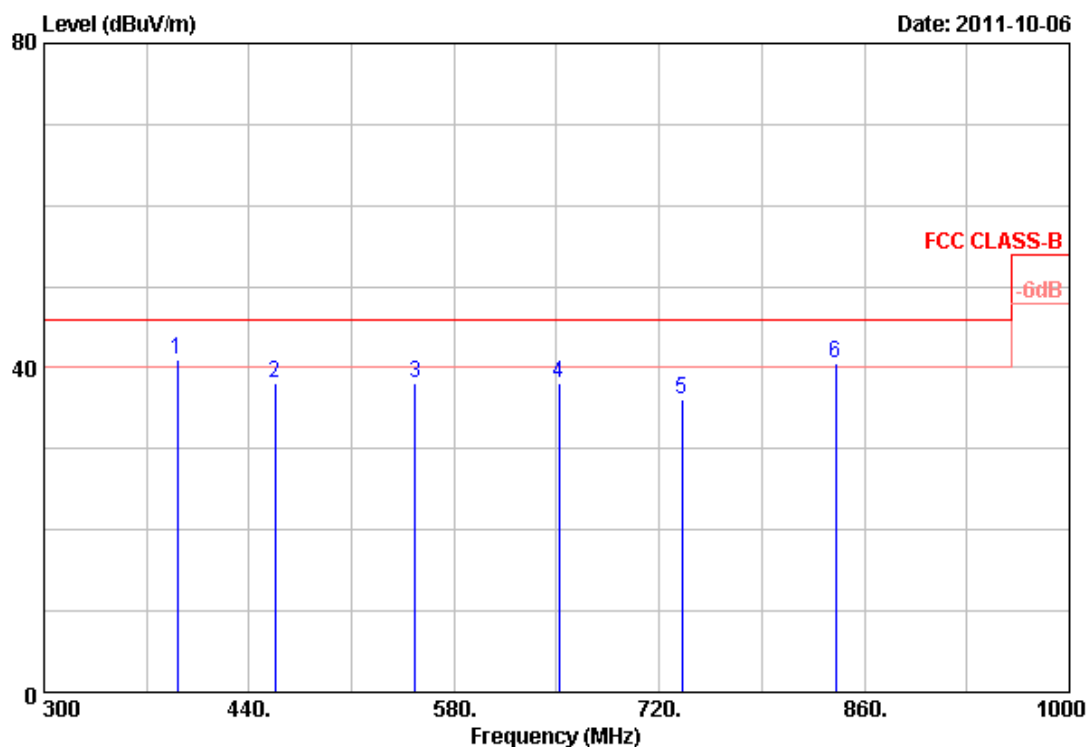
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	60.80	35.26	-5.53	29.73	40.00	-10.27	Peak	100	360
2	71.80	34.96	-6.53	28.43	40.00	-11.57	Peak	100	360
3	120.75	30.27	7.46	37.73	43.50	-5.77	QP	100	360
4	195.55	39.64	0.05	39.69	43.50	-3.81	QP	100	360
5	261.00	32.98	-5.01	27.97	46.00	-18.03	Peak	100	360
6	293.45	32.44	-3.45	28.99	46.00	-17.01	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT40, CH3	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



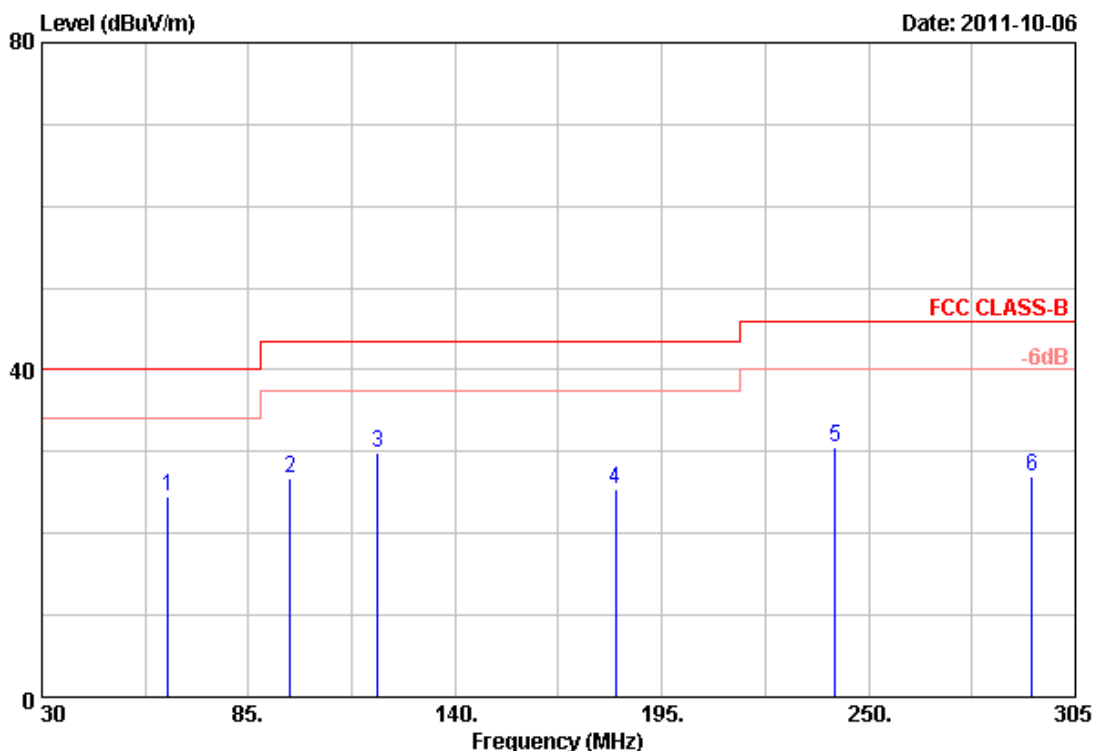
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	391.00	42.26	-1.30	40.96	46.00	-5.04	QP	100	0
2	457.50	41.74	-3.66	38.08	46.00	-7.92	Peak	100	0
3	553.40	28.55	9.55	38.10	46.00	-7.90	Peak	100	0
4	651.40	34.41	3.63	38.04	46.00	-7.96	Peak	100	0
5	735.40	24.76	11.32	36.08	46.00	-9.92	Peak	100	0
6	840.40	24.88	15.58	40.46	46.00	-5.54	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40, CH3	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



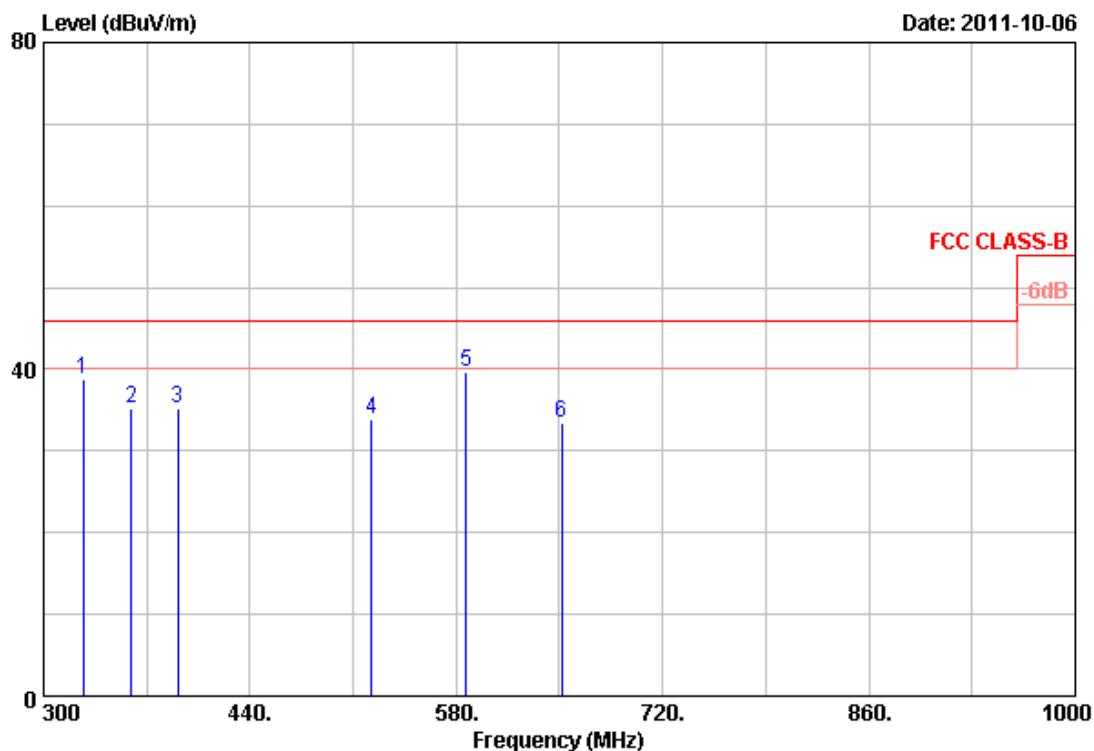
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	63.55	39.14	-14.64	24.50	40.00	-15.50	Peak	100	360
2	96.00	37.05	-10.26	26.79	43.50	-16.71	Peak	100	360
3	119.38	40.59	-10.70	29.89	43.50	-13.61	Peak	100	360
4	182.63	37.51	-12.17	25.34	43.50	-18.16	Peak	100	360
5	241.20	36.42	-5.95	30.47	46.00	-15.53	Peak	100	360
6	293.45	32.72	-5.82	26.90	46.00	-19.10	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40, CH3	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



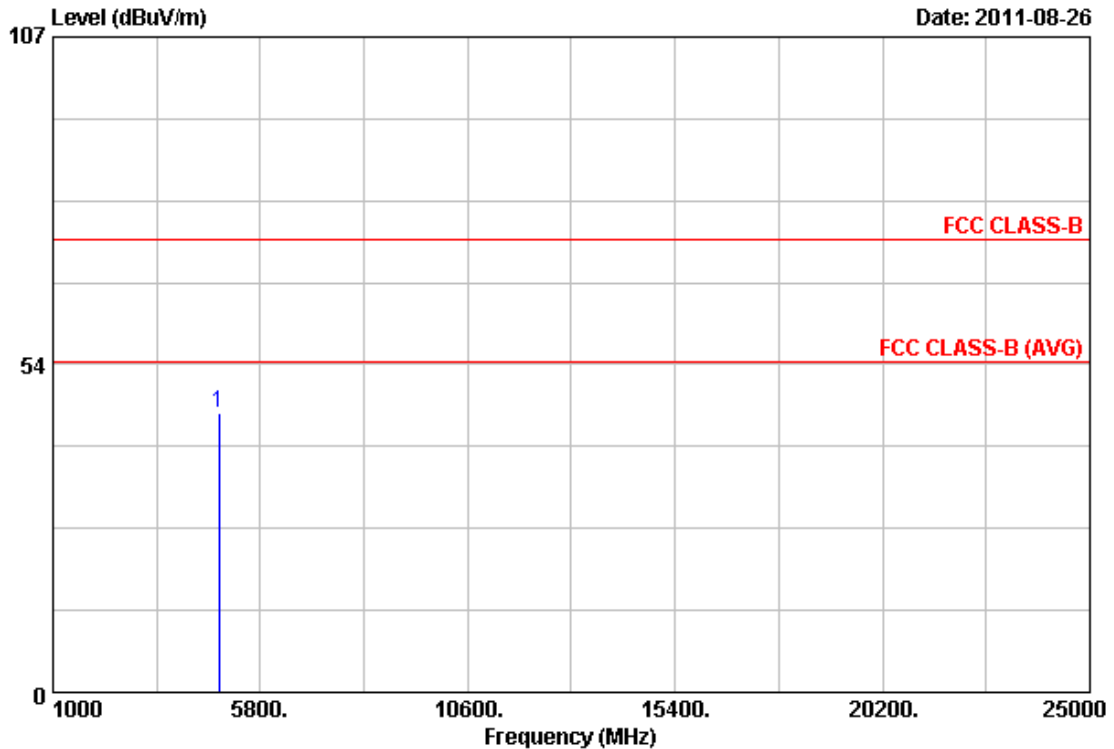
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	326.60	45.68	-6.86	38.82	46.00	-7.18	Peak	100	0
2	359.50	42.44	-7.21	35.23	46.00	-10.77	Peak	100	0
3	391.00	38.63	-3.51	35.12	46.00	-10.88	Peak	100	0
4	522.60	30.11	3.81	33.92	46.00	-12.08	Peak	100	0
5	587.00	32.05	7.58	39.63	46.00	-6.37	Peak	100	0
6	651.40	29.36	4.04	33.40	46.00	-12.60	Peak	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT40, CH3	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



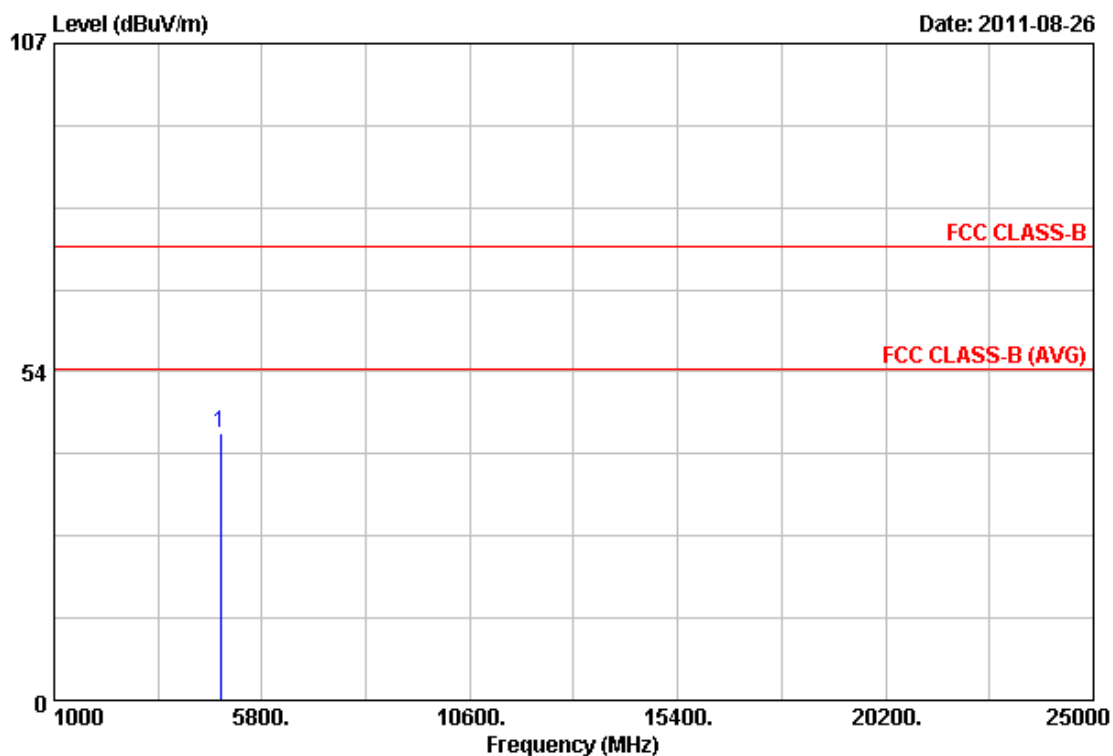
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4844.00	39.98	5.74	45.72	74.00	-28.28	Peak	100	168

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40, CH3	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



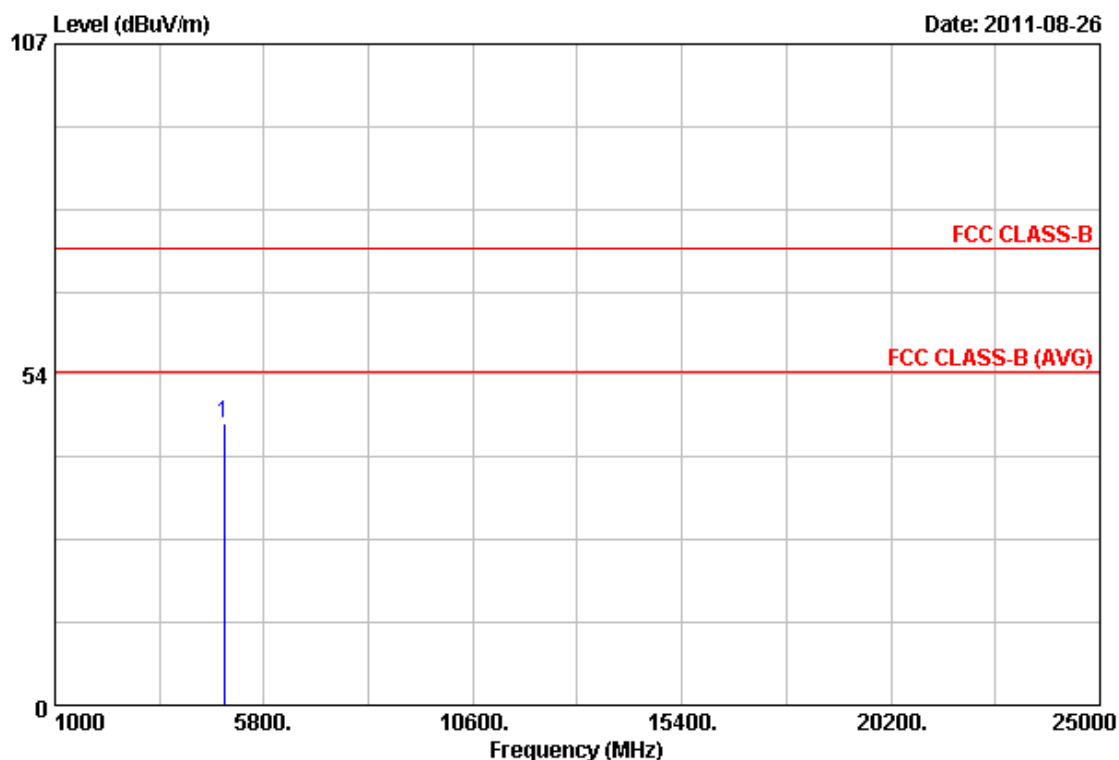
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4844.00	37.90	5.74	43.64	74.00	-30.36	Peak	100	168

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT40, CH6	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



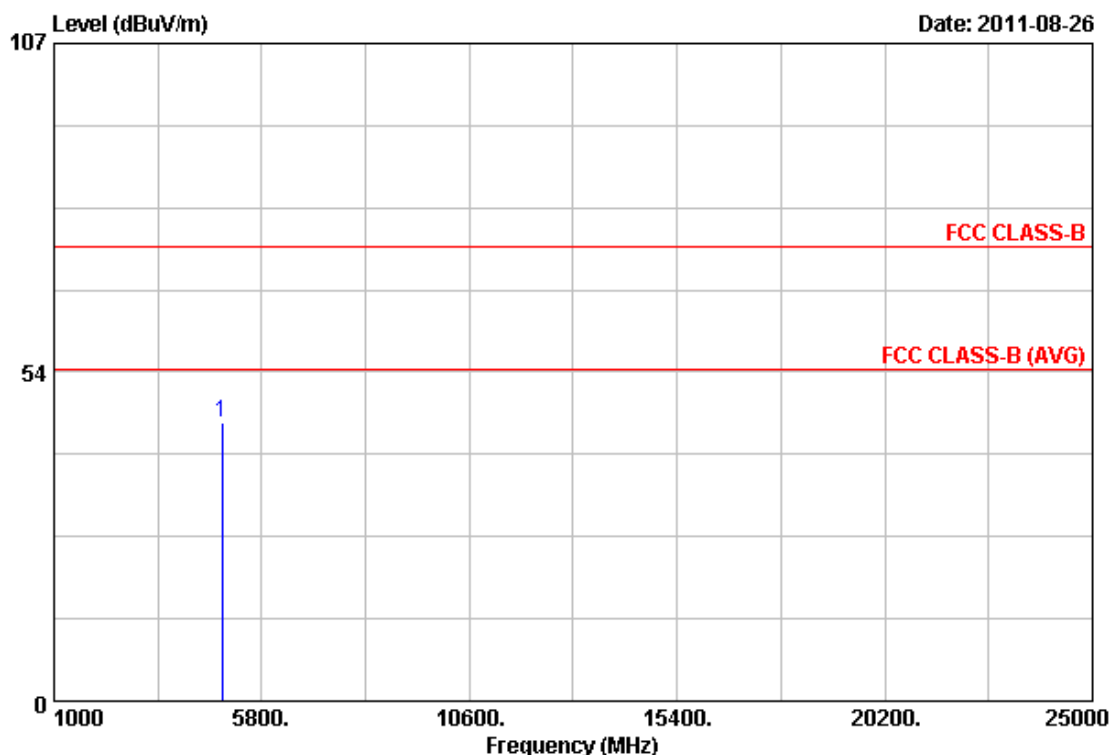
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.00	39.87	5.84	45.71	74.00	-28.29	Peak	100	168

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40, CH6	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



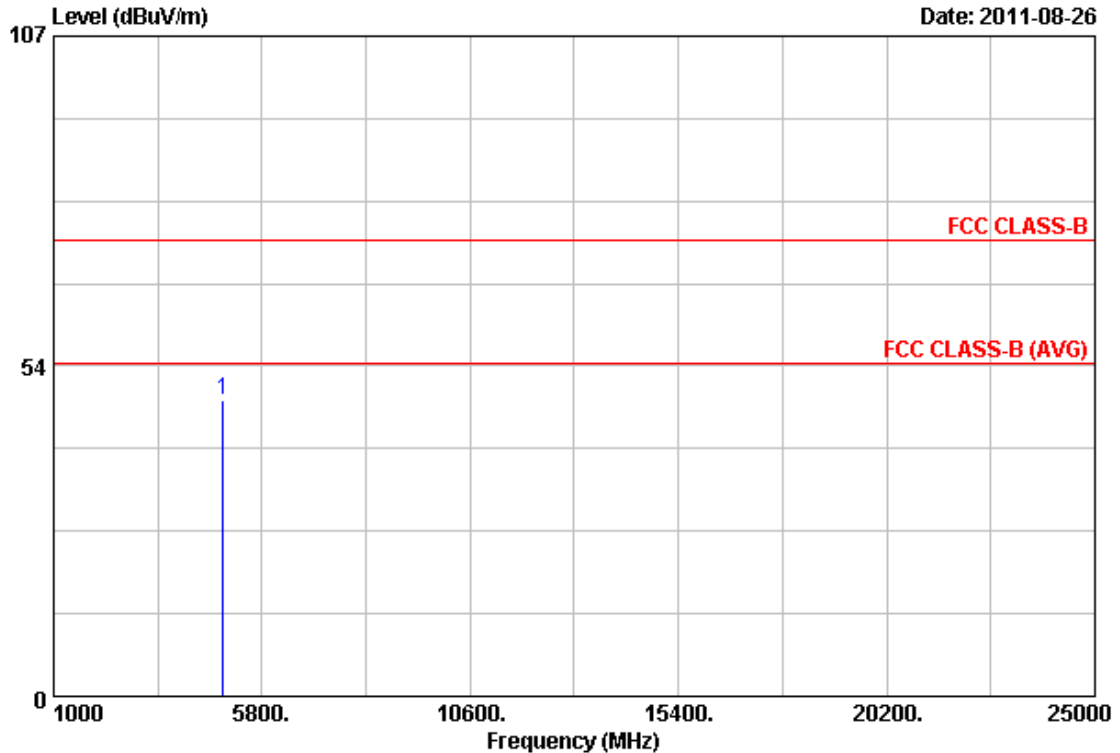
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.00	39.59	5.84	45.43	74.00	-28.57	Peak	100	168

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT40, CH9	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



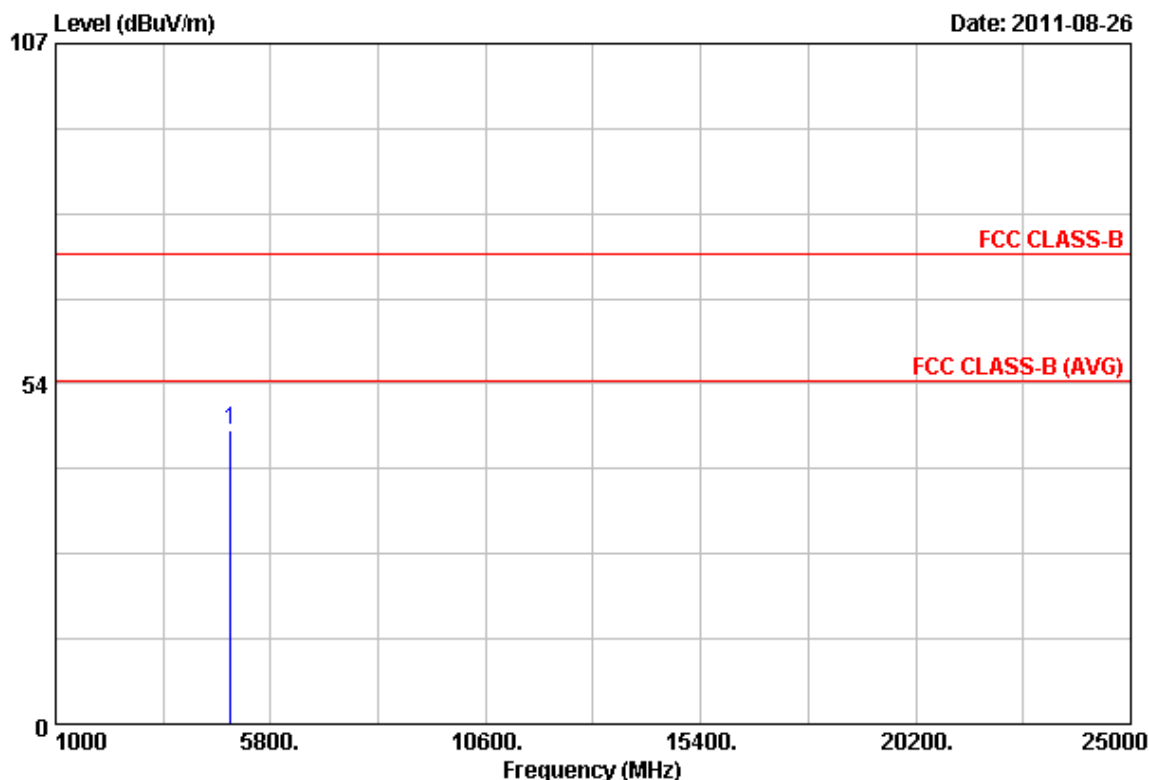
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4904.00	39.14	8.92	48.06	74.00	-25.94	Peak	100	168

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40, CH9	Temperature	: 23 °C
Memo	: Adapter: FSP036-RAC	Humidity	: 65 %



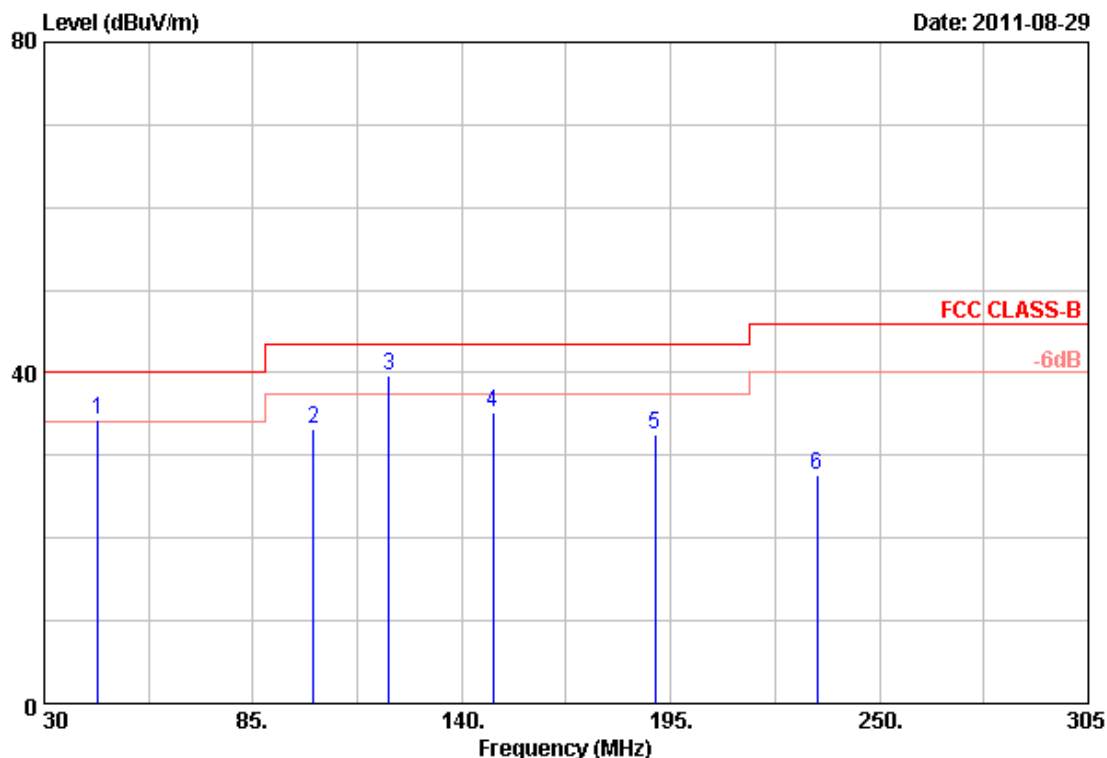
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4904.00	40.31	5.95	46.26	74.00	-27.74	Peak	100	168

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11g, CH1	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



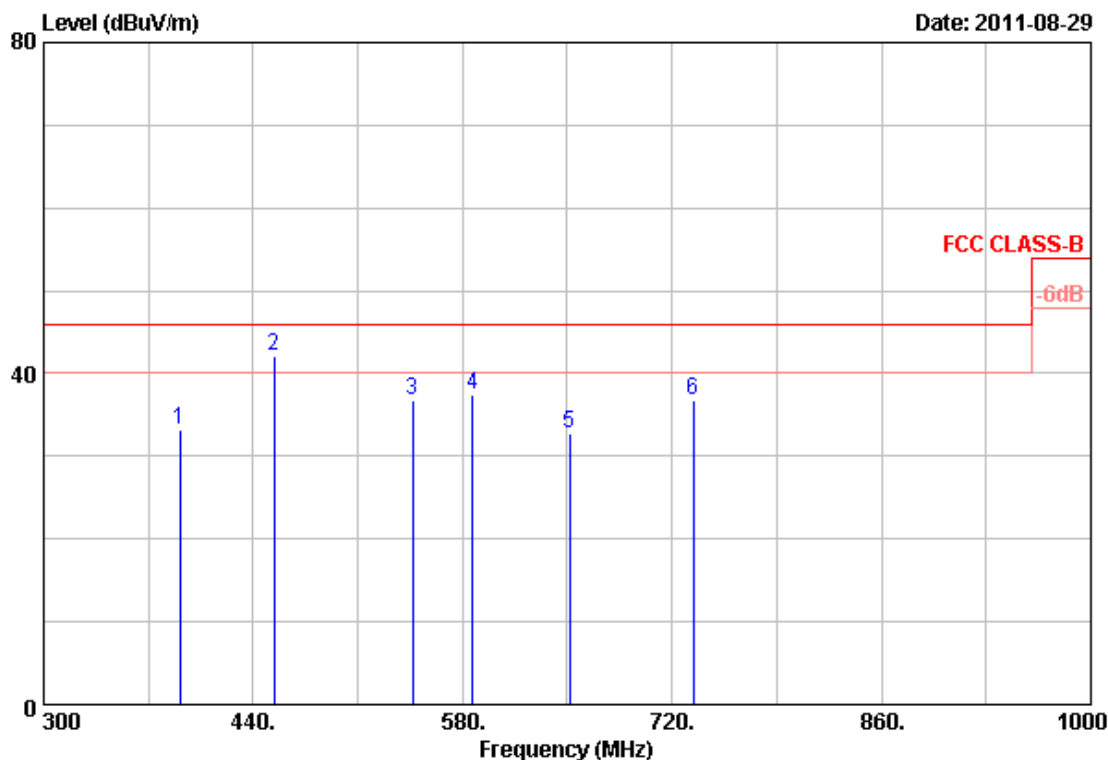
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	44.30	31.20	3.12	34.32	40.00	-5.68	QP	100	360
2	100.95	32.61	0.64	33.25	43.50	-10.25	Peak	100	360
3	120.75	32.30	7.46	39.76	43.50	-3.74	QP	100	360
4	148.25	33.71	1.61	35.32	43.50	-8.18	Peak	100	360
5	190.88	32.07	0.40	32.47	43.50	-11.03	Peak	100	360
6	233.50	30.78	-3.06	27.72	46.00	-18.28	Peak	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11g, CH1	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



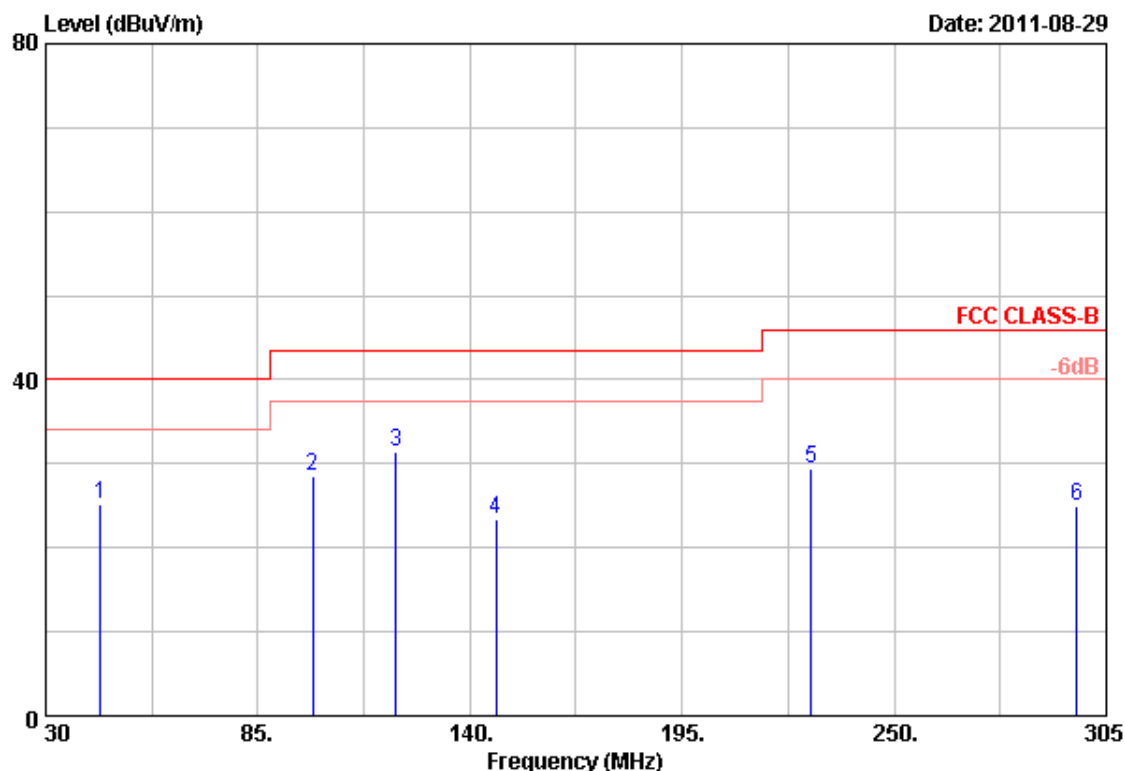
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	391.00	34.61	-1.30	33.31	46.00	-12.69	Peak	100	0
2	454.00	45.86	-3.71	42.15	46.00	-3.85	QP	100	0
3	546.40	27.47	9.39	36.86	46.00	-9.14	Peak	100	0
4	587.00	31.88	5.58	37.46	46.00	-8.54	Peak	100	0
5	651.40	29.23	3.63	32.86	46.00	-13.14	Peak	100	0
6	734.00	25.57	11.28	36.85	46.00	-9.15	Peak	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11g, CH1	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



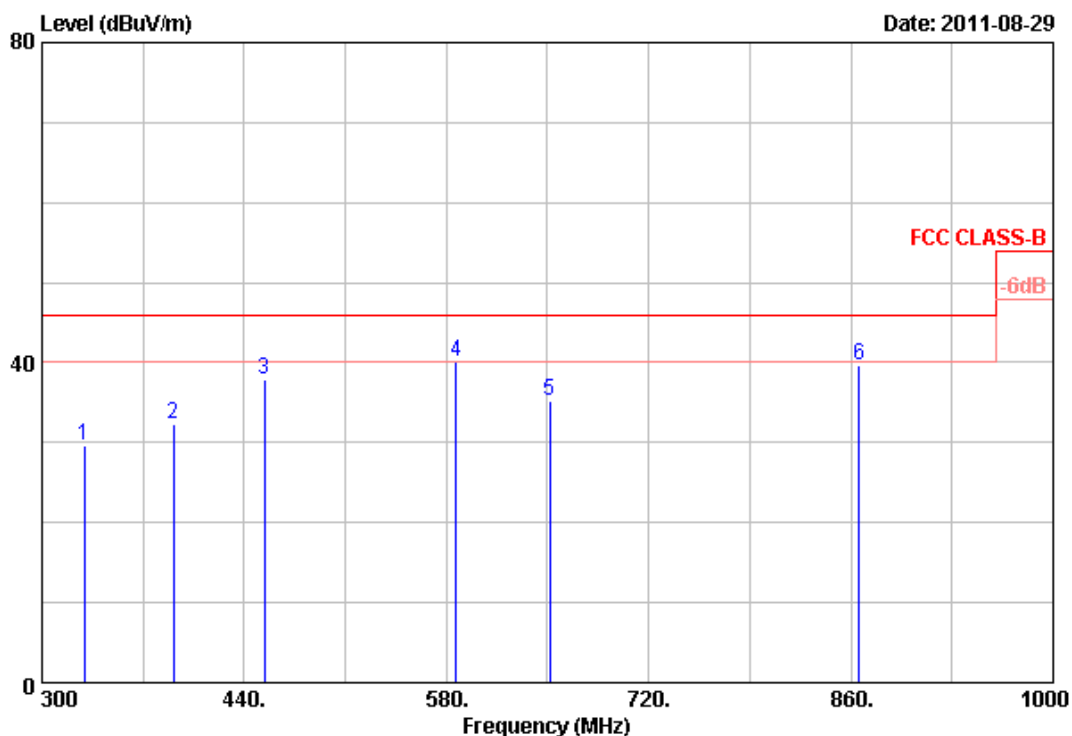
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	44.30	30.46	-5.29	25.17	40.00	-14.83	Peak	100	360
2	99.30	36.78	-8.30	28.48	43.50	-15.02	Peak	100	360
3	120.75	41.65	-10.20	31.45	43.50	-12.05	Peak	100	360
4	146.88	31.39	-7.91	23.48	43.50	-20.02	Peak	100	360
5	228.55	35.88	-6.47	29.41	46.00	-16.59	Peak	100	360
6	297.30	30.79	-5.79	25.00	46.00	-21.00	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11g, CH1	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



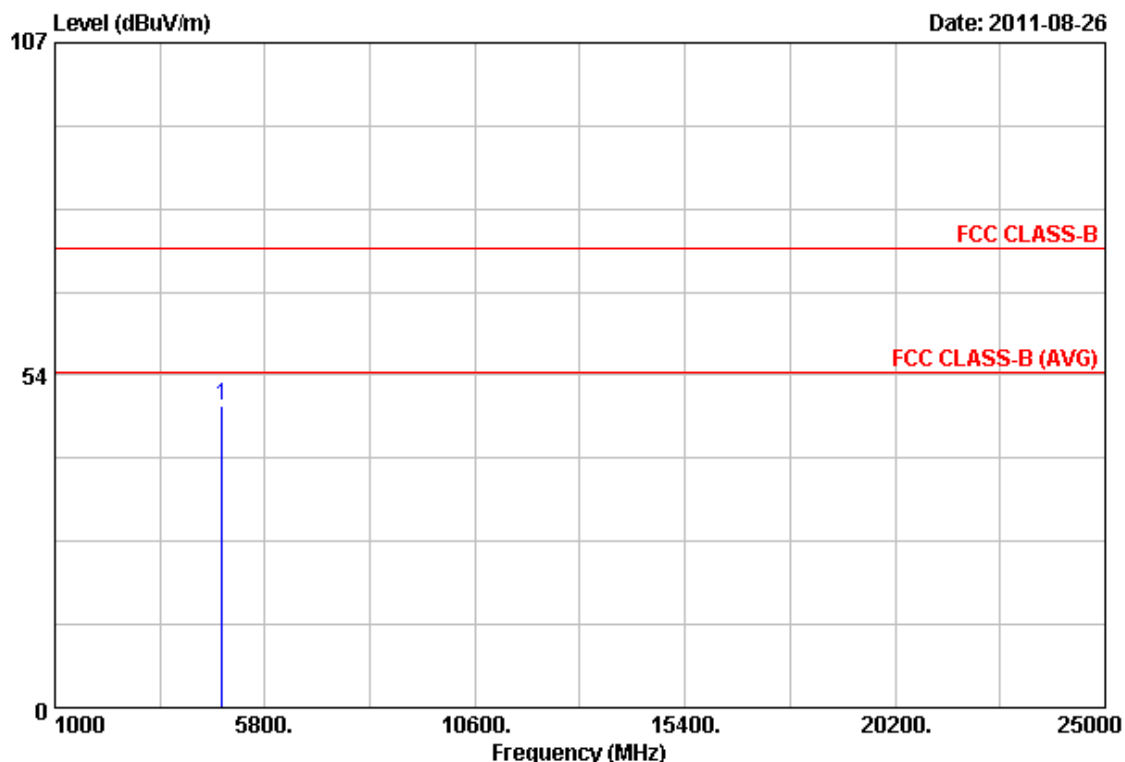
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	329.40	35.98	-6.34	29.64	46.00	-16.36	Peak	100	0
2	391.00	35.85	-3.51	32.34	46.00	-13.66	Peak	100	0
3	454.00	37.01	0.86	37.87	46.00	-8.13	Peak	100	0
4	587.00	32.49	7.58	40.07	46.00	-5.93	QP	100	0
5	651.40	31.22	4.04	35.26	46.00	-10.74	Peak	100	0
6	865.60	29.14	10.47	39.61	46.00	-6.39	Peak	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11b, CH1	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



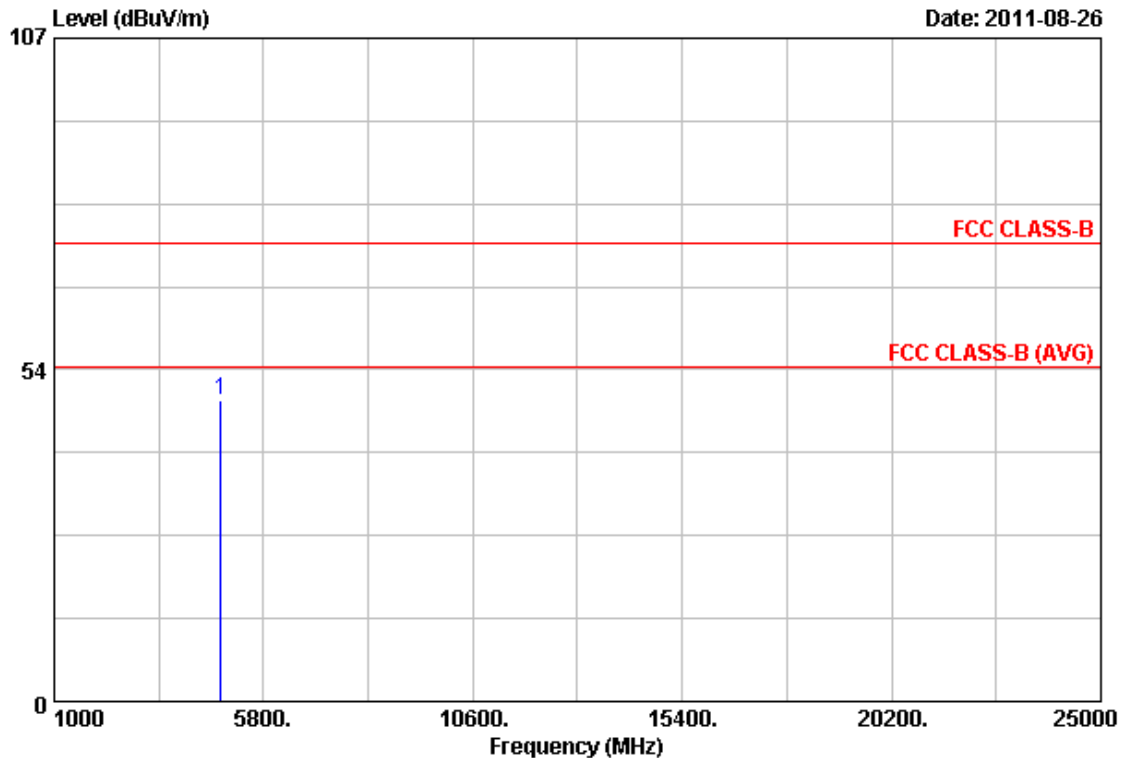
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.00	39.84	8.60	48.44	74.00	-25.56	Peak	100	156

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11b, CH1	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



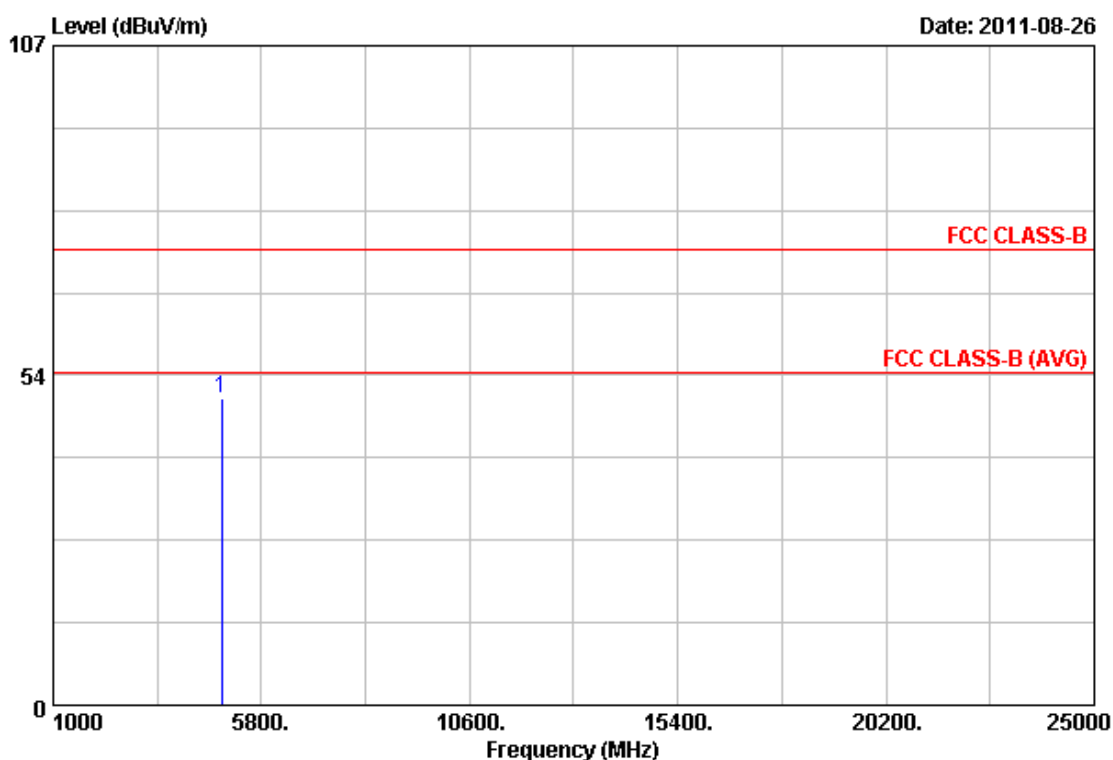
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.00	39.85	8.60	48.45	74.00	-25.55	Peak	100	138

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11b, CH6	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



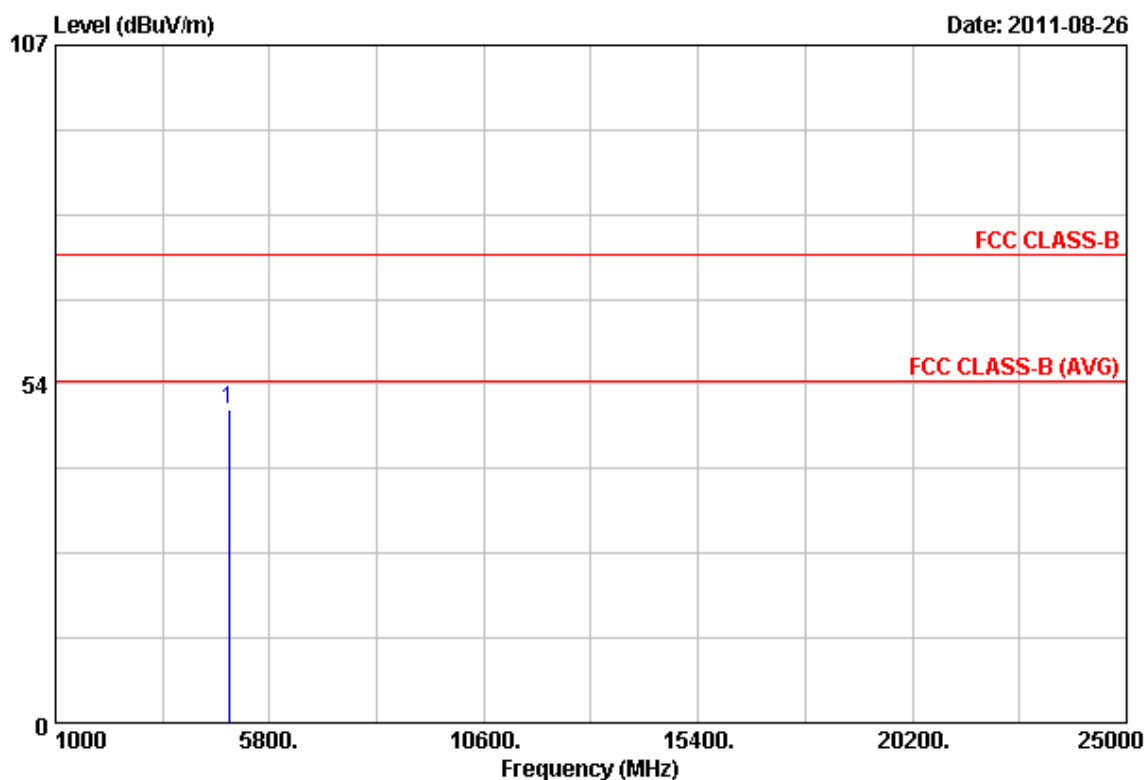
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.00	40.87	8.80	49.67	74.00	-24.33	Peak	100	295

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11b, CH6	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



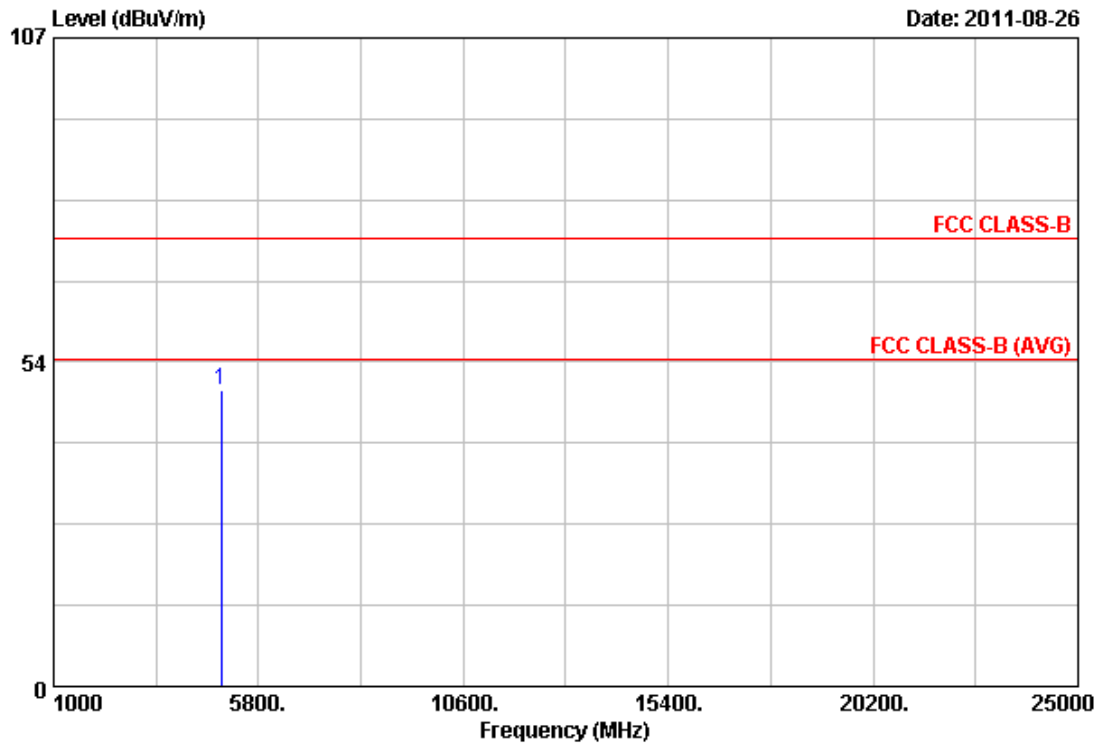
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.00	40.59	8.80	49.39	74.00	-24.61	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11b, CH11	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



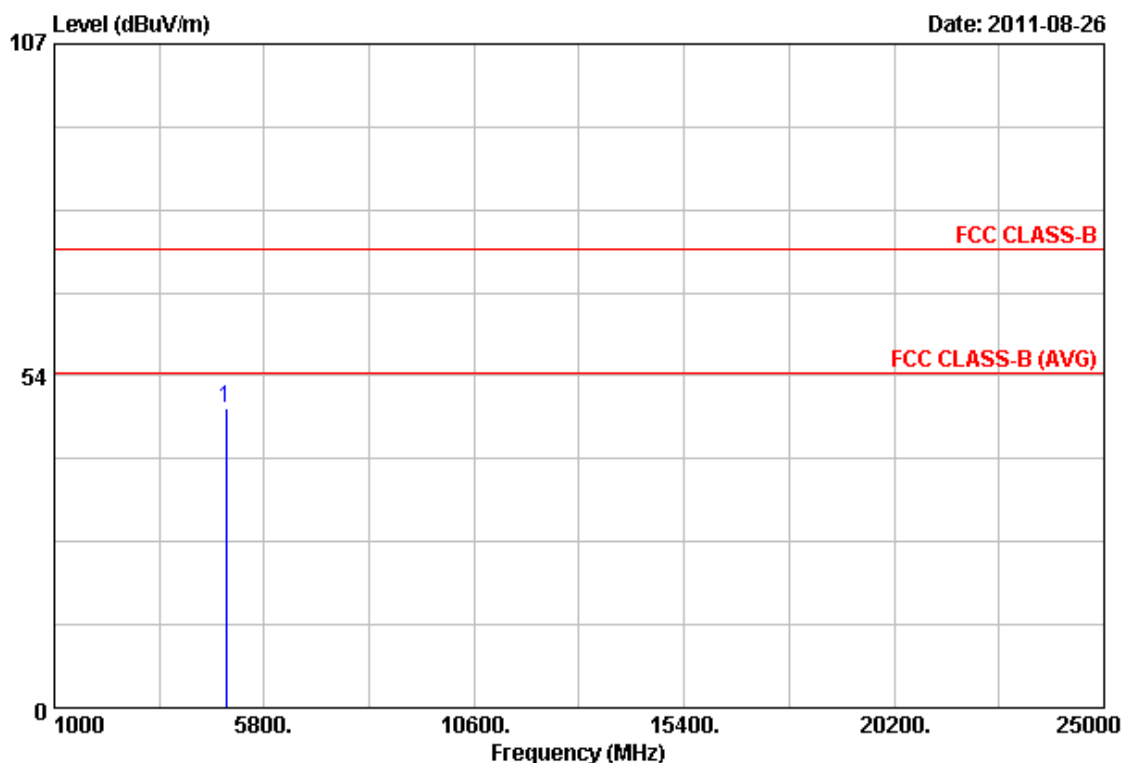
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.00	40.04	8.99	49.03	74.00	-24.97	Peak	100	272

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11b, CH11	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



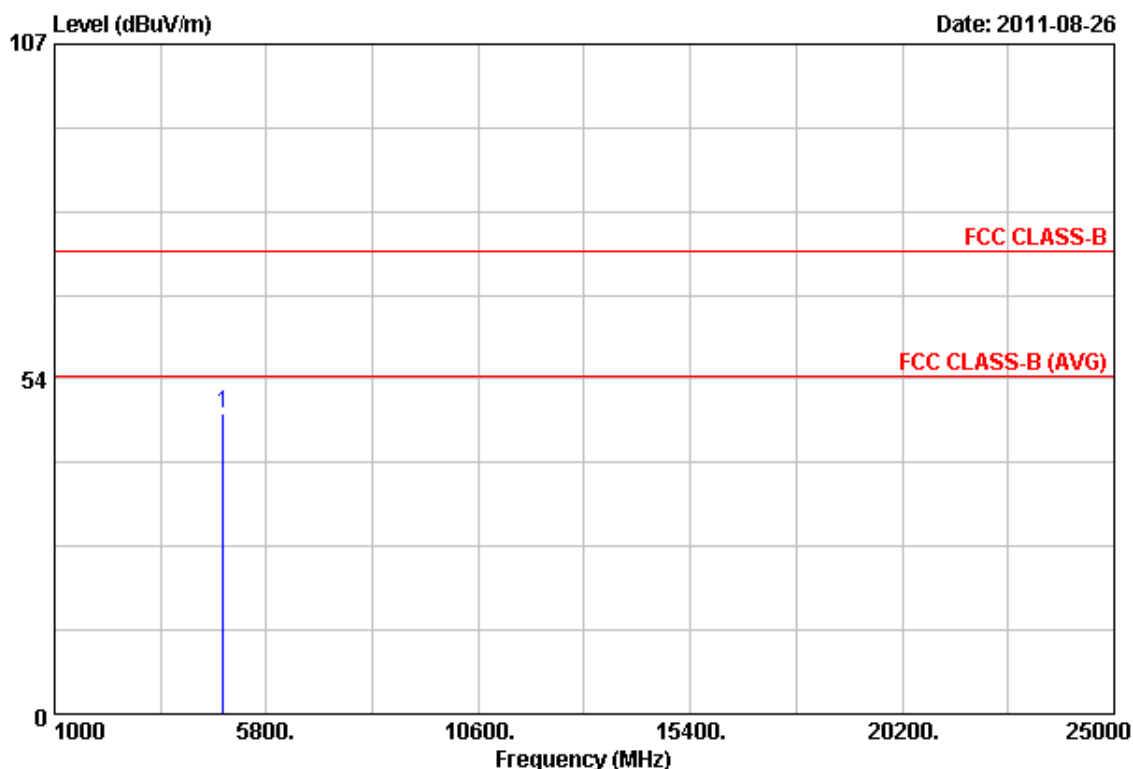
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.00	39.27	8.99	48.26	74.00	-25.74	Peak	100	78

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11g, CH1	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



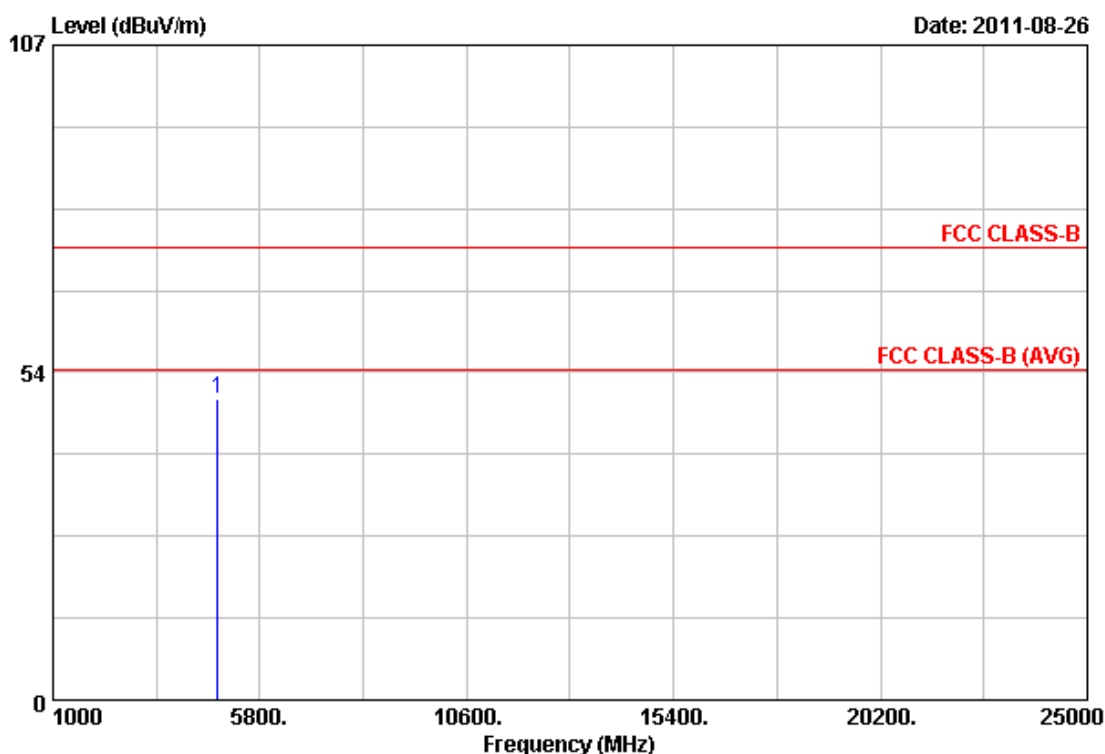
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.00	39.38	8.60	47.98	74.00	-26.02	Peak	100	276

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11g, CH1	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



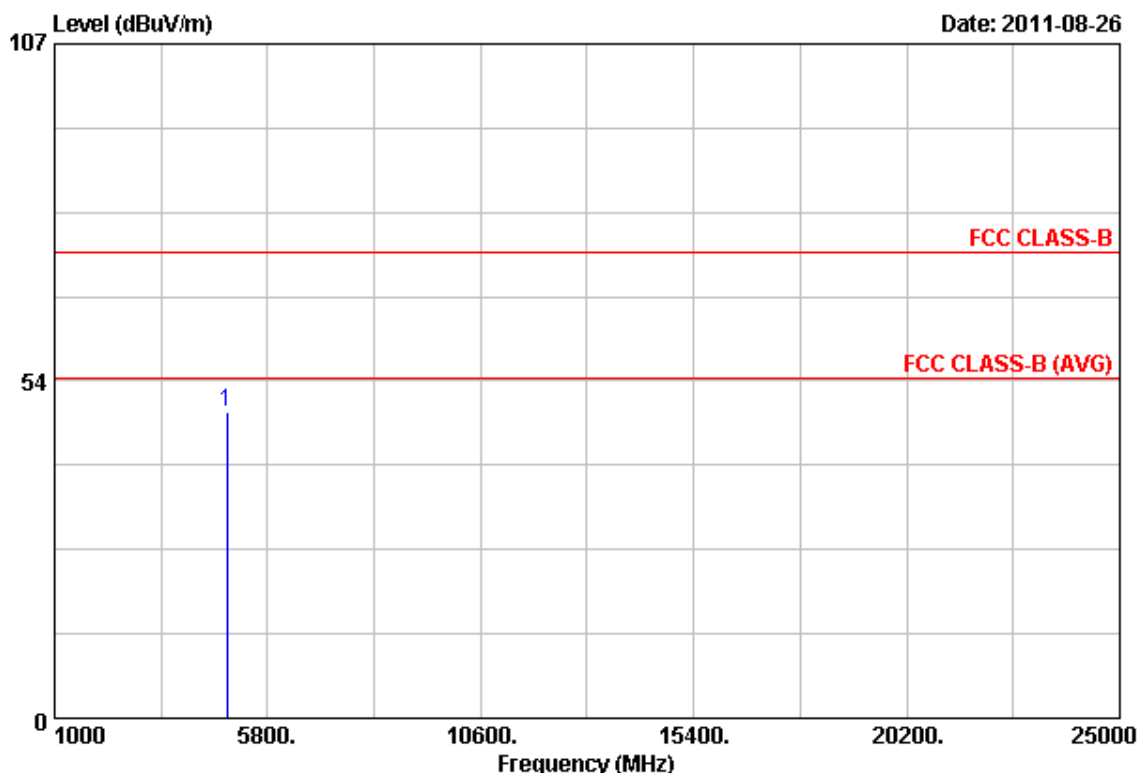
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.00	40.51	8.60	49.11	74.00	-24.89	Peak	100	256

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11g, CH6	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



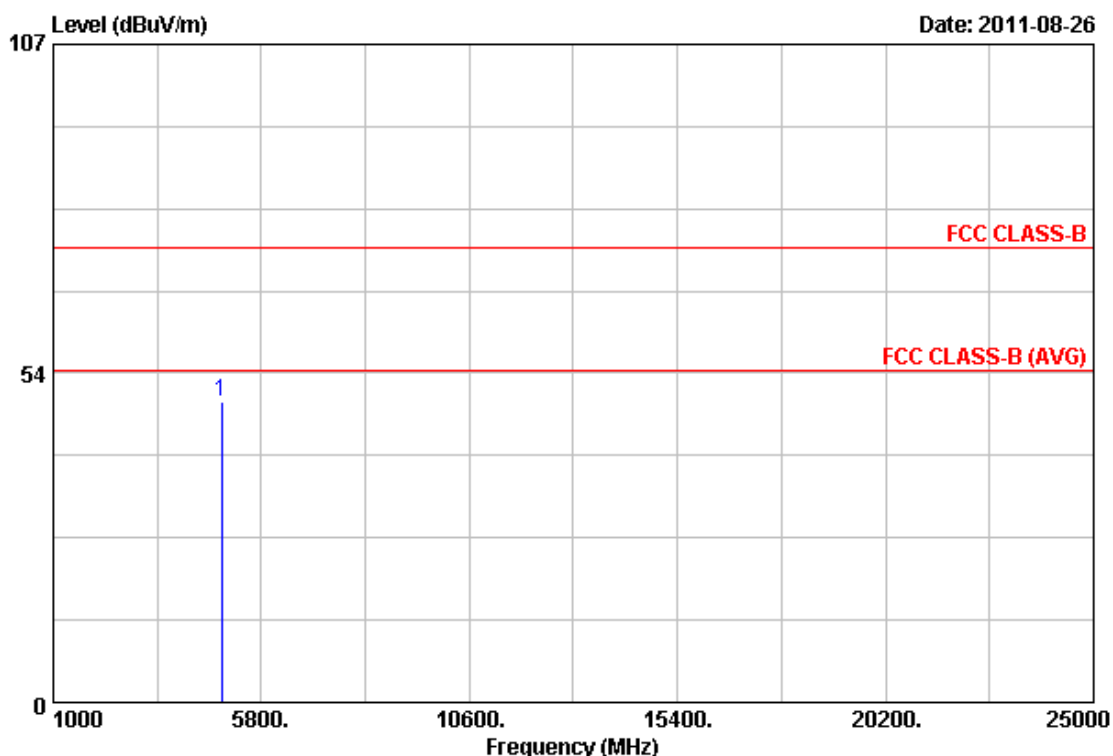
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.00	39.80	8.80	48.60	74.00	-25.40	Peak	100	313

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11g, CH6	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



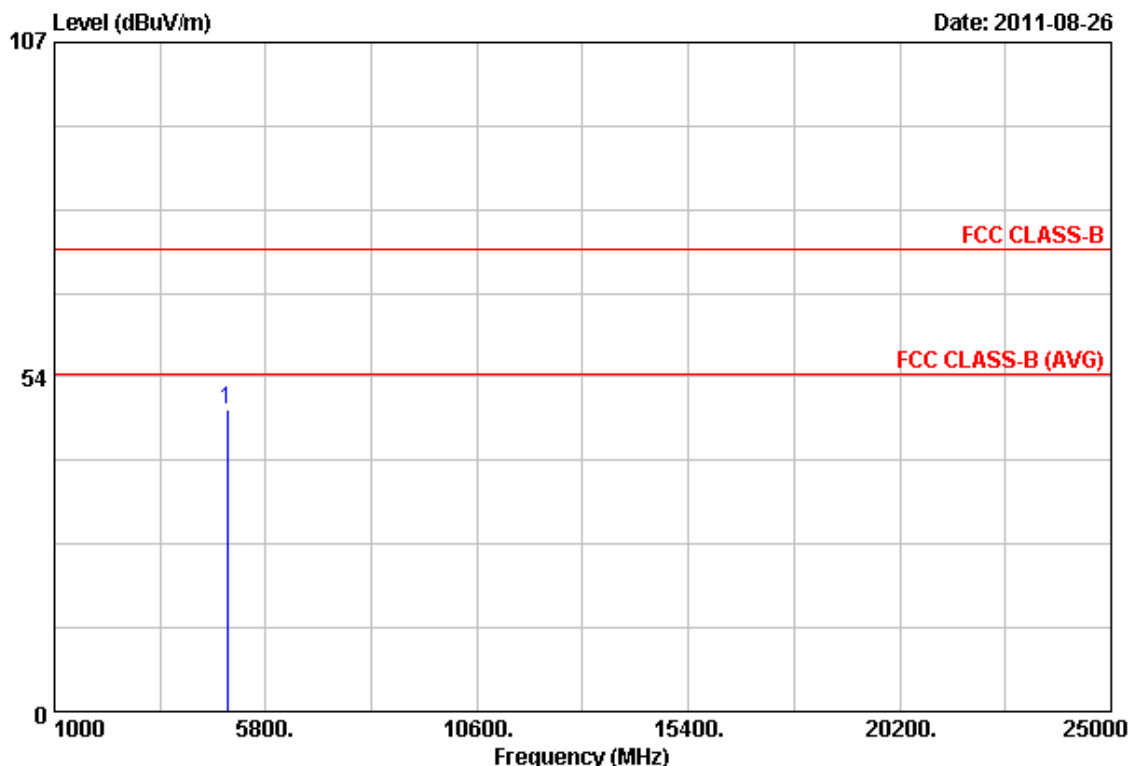
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.00	40.01	8.80	48.81	74.00	-25.19	Peak	100	129

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11g, CH11	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



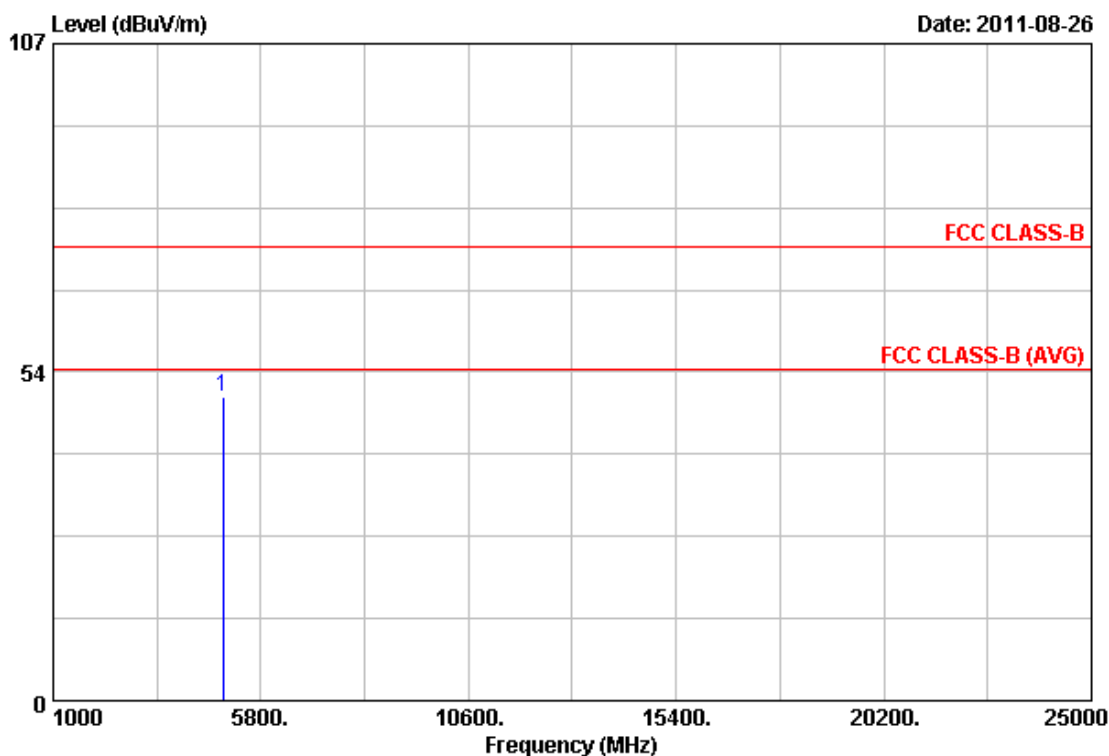
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.00	39.22	8.99	48.21	74.00	-25.79	Peak	100	326

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11g, CH11	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



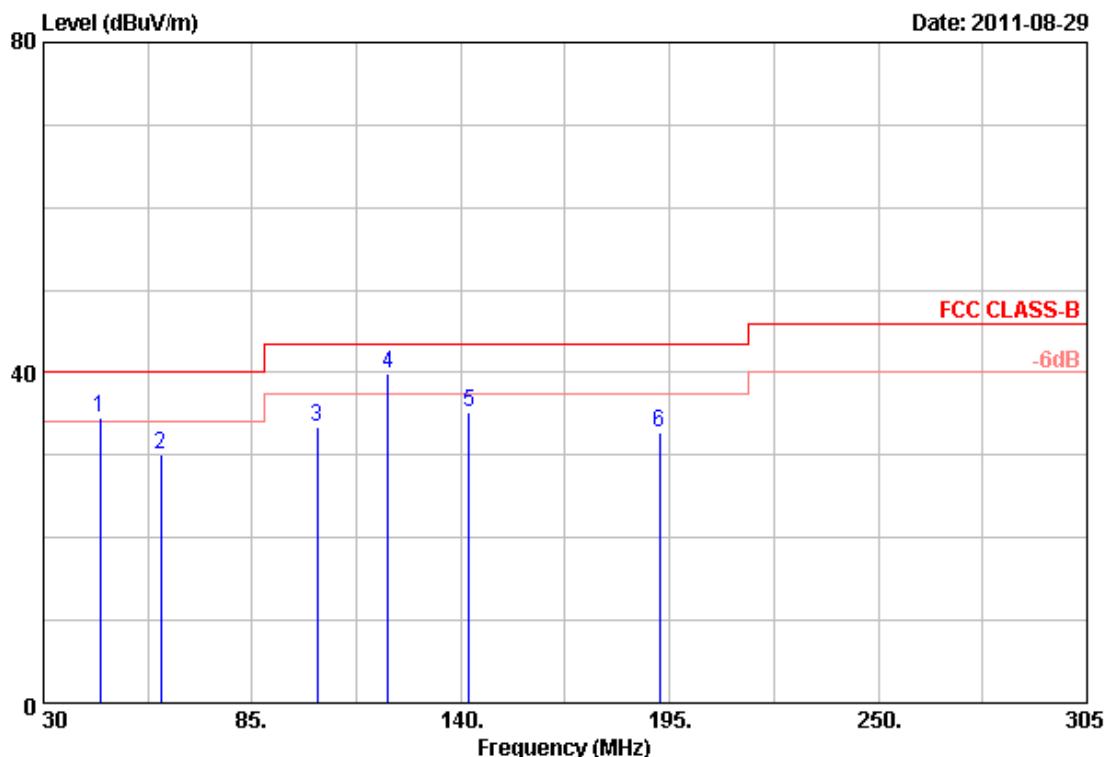
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.00	40.38	8.99	49.37	74.00	-24.63	Peak	100	112

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20, CH1	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



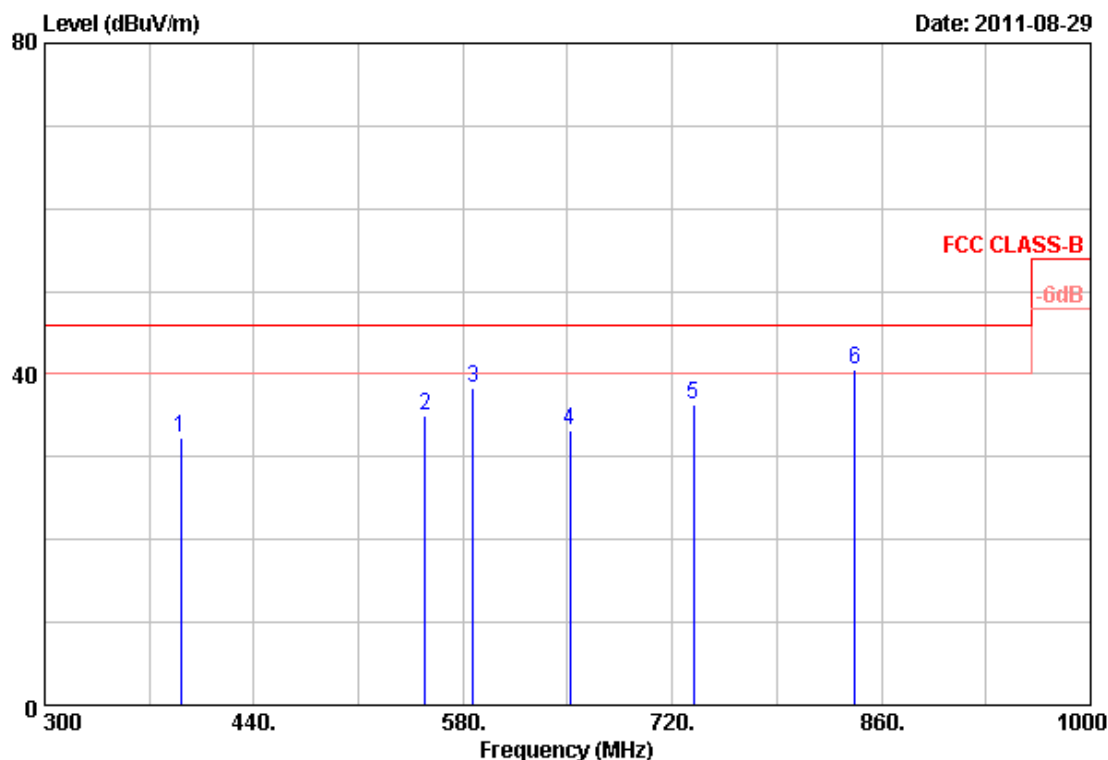
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	44.85	30.88	3.66	34.54	40.00	-5.46	QP	100	360
2	60.80	35.60	-5.53	30.07	40.00	-9.93	Peak	100	360
3	102.05	33.08	0.38	33.46	43.50	-10.04	Peak	100	360
4	120.75	32.42	7.46	39.88	43.50	-3.62	QP	100	360
5	142.20	33.27	1.98	35.25	43.50	-8.25	Peak	100	360
6	192.25	32.34	0.41	32.75	43.50	-10.75	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20, CH1	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



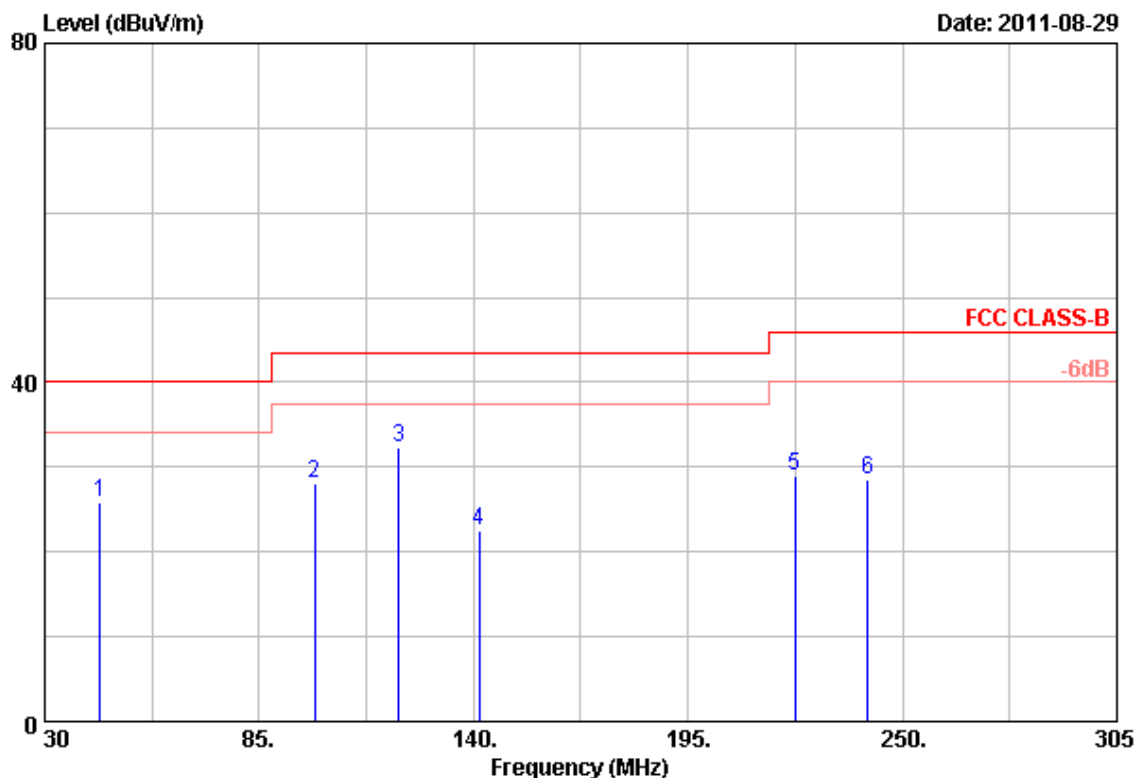
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	391.00	33.59	-1.30	32.29	46.00	-13.71	Peak	100	0
2	554.80	24.80	10.28	35.08	46.00	-10.92	Peak	100	0
3	587.00	32.81	5.58	38.39	46.00	-7.61	Peak	100	0
4	651.40	29.60	3.63	33.23	46.00	-12.77	Peak	100	0
5	734.00	25.12	11.28	36.40	46.00	-9.60	Peak	100	0
6	842.50	25.17	15.42	40.59	46.00	-5.41	QP	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20, CH1	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



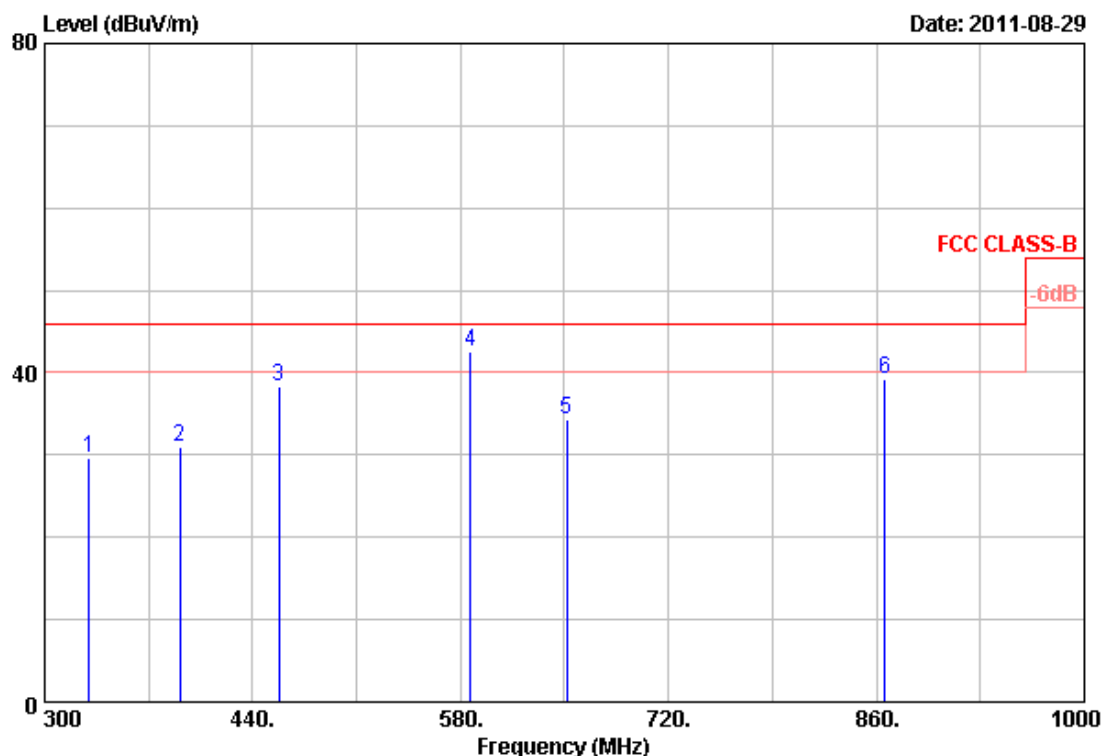
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	44.30	31.16	-5.29	25.87	40.00	-14.13	Peak	100	360
2	99.30	36.41	-8.30	28.11	43.50	-15.39	Peak	100	360
3	120.75	42.60	-10.20	32.40	43.50	-11.10	Peak	100	360
4	141.38	30.77	-8.28	22.49	43.50	-21.01	Peak	100	360
5	222.50	36.31	-7.34	28.97	46.00	-17.03	Peak	100	360
6	241.20	34.42	-5.95	28.47	46.00	-17.53	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20, CH1	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



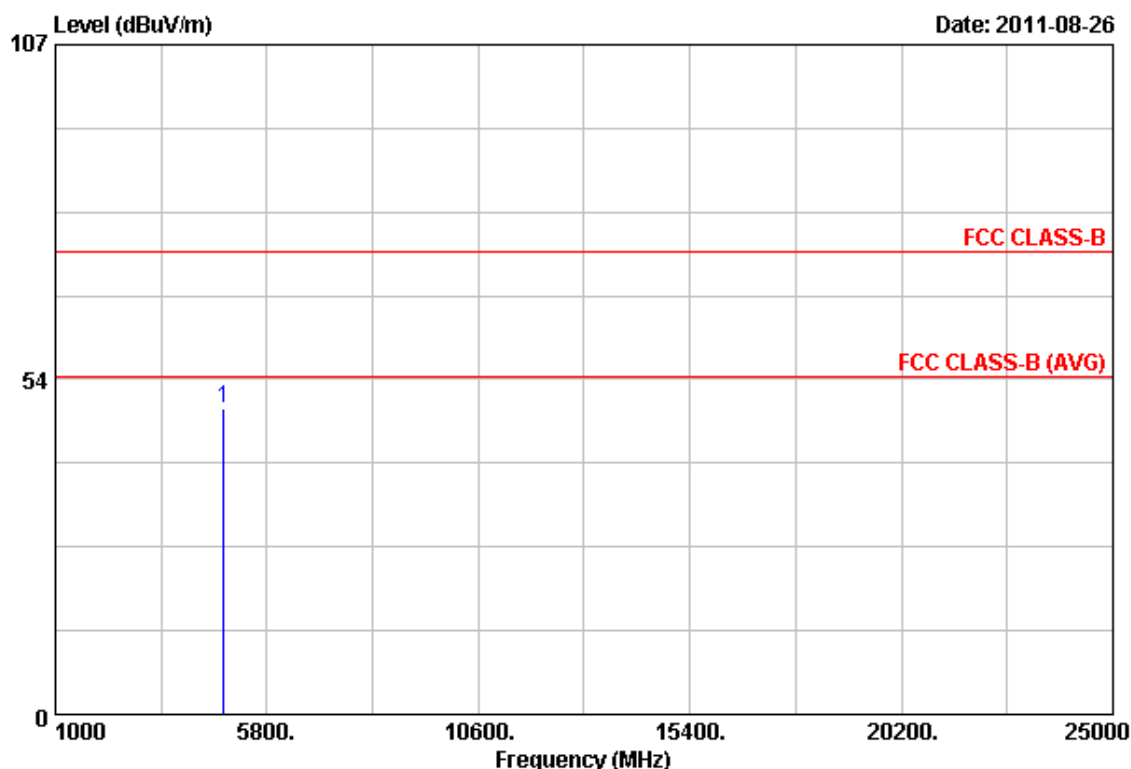
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	330.10	35.91	-6.22	29.69	46.00	-16.31	Peak	100	0
2	391.00	34.55	-3.51	31.04	46.00	-14.96	Peak	100	0
3	457.50	37.62	0.74	38.36	46.00	-7.64	Peak	100	0
4	587.00	34.96	7.58	42.54	46.00	-3.46	QP	100	0
5	651.40	30.17	4.04	34.21	46.00	-11.79	Peak	100	0
6	865.60	28.65	10.47	39.12	46.00	-6.88	Peak	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20, CH1	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



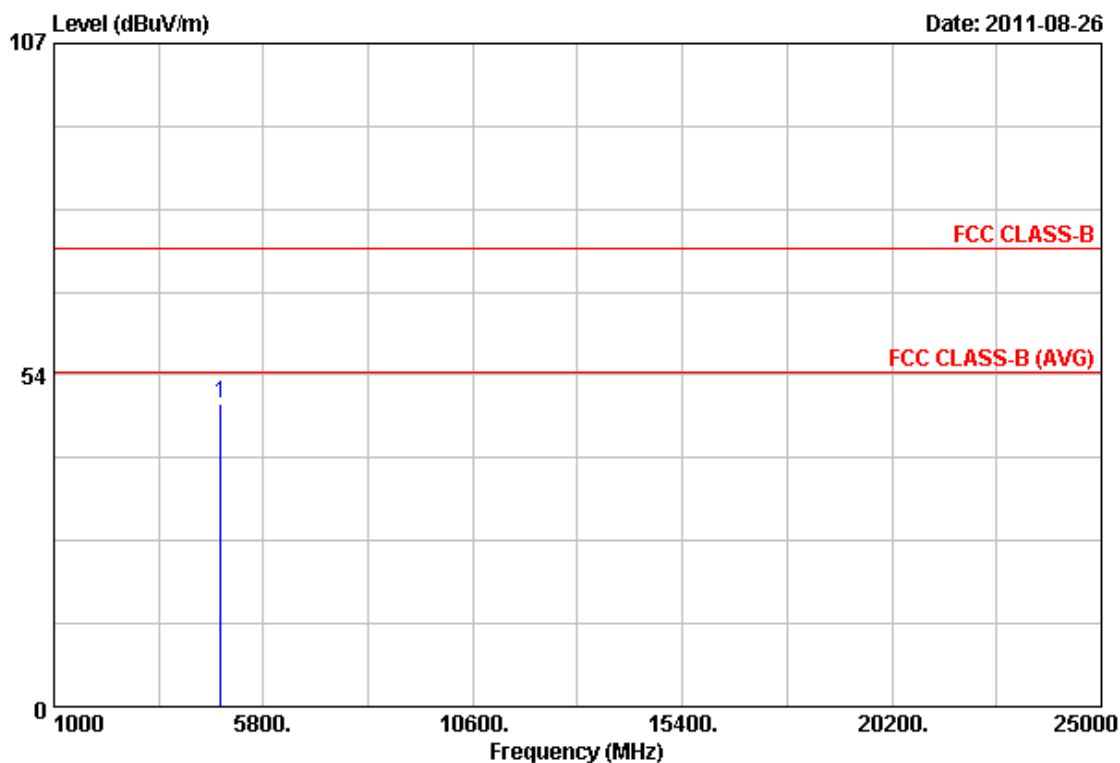
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.00	40.31	8.60	48.91	74.00	-25.09	Peak	100	219

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20, CH1	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



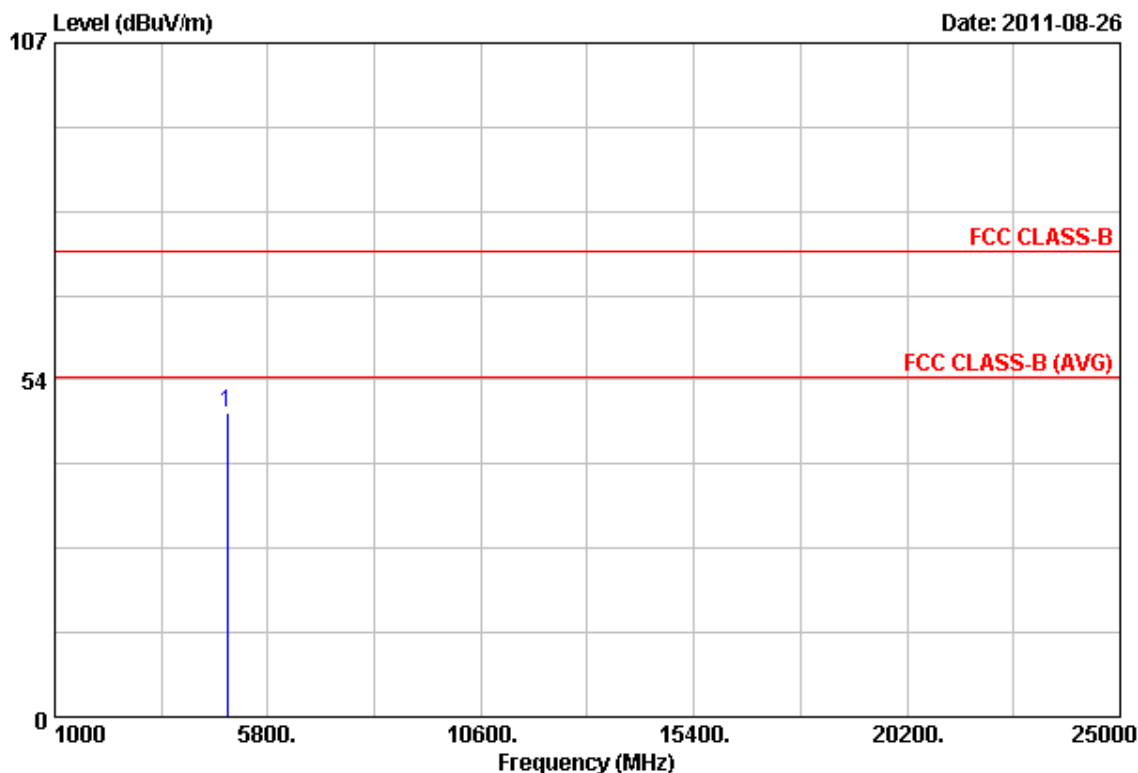
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.00	40.25	8.60	48.85	74.00	-25.15	Peak	100	267

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20, CH6	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



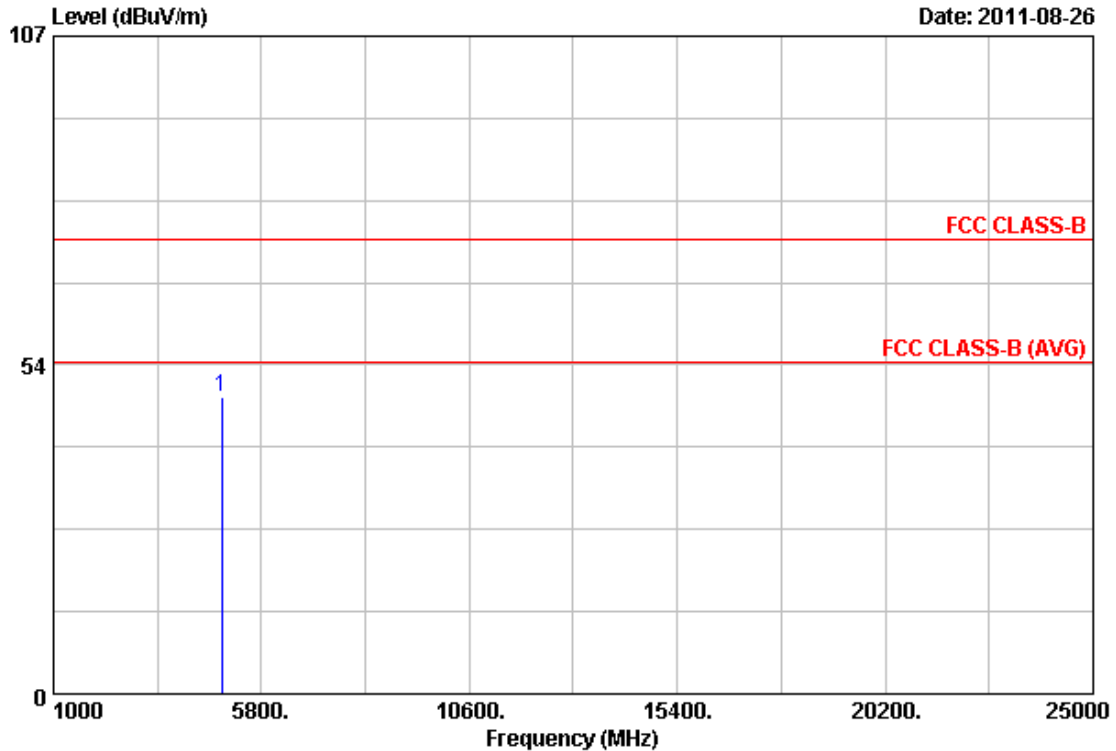
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.00	39.36	8.80	48.16	74.00	-25.84	Peak	100	168

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300KHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20, CH6	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



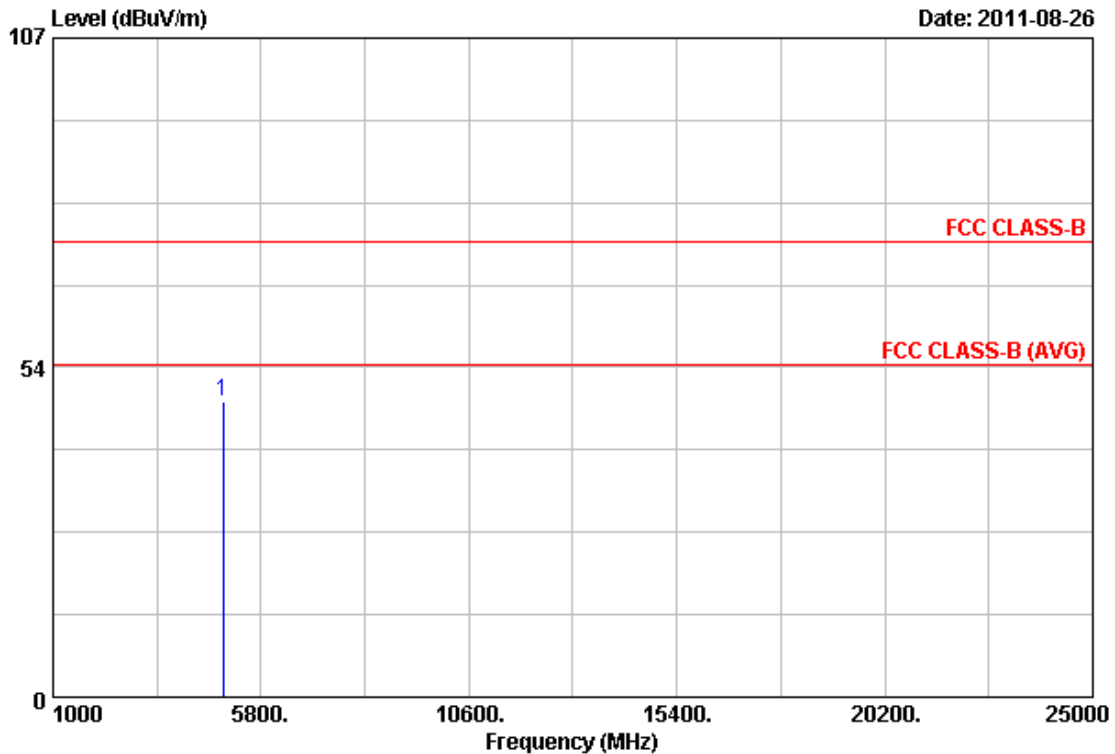
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.00	39.50	8.80	48.30	74.00	-25.70	Peak	100	168

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300KHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT20, CH11	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



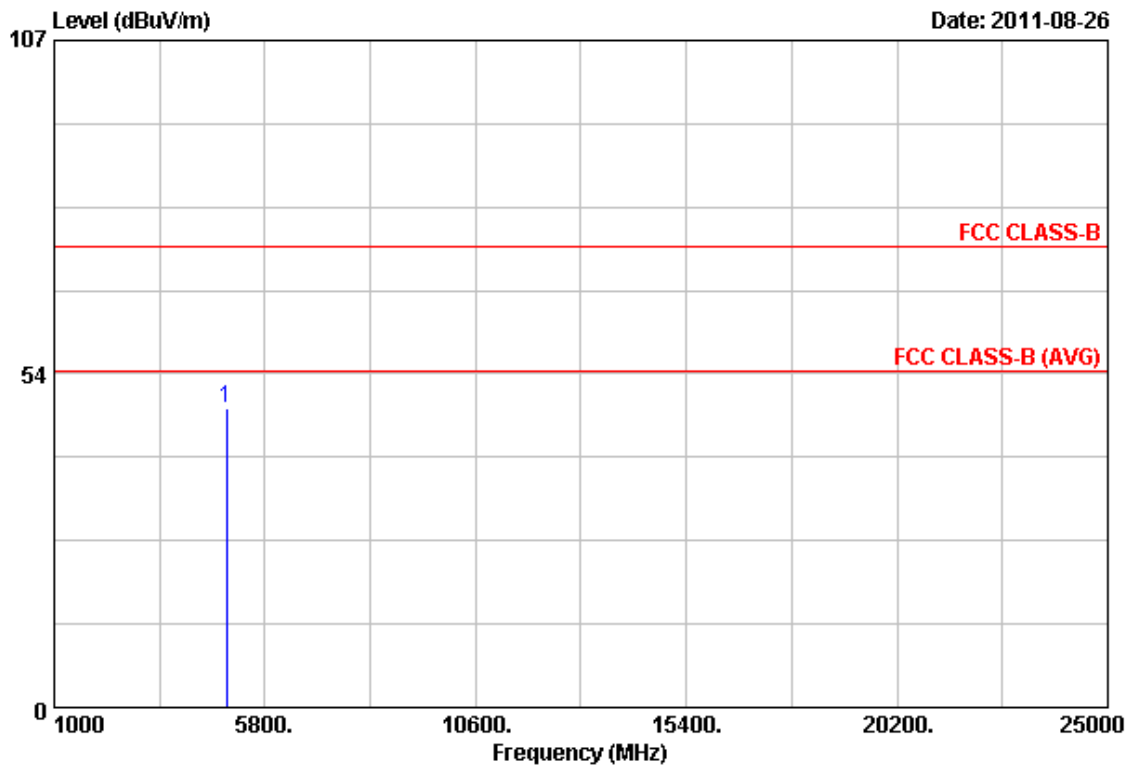
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.00	39.14	8.99	48.13	74.00	-25.87	Peak	100	168

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT20, CH11	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



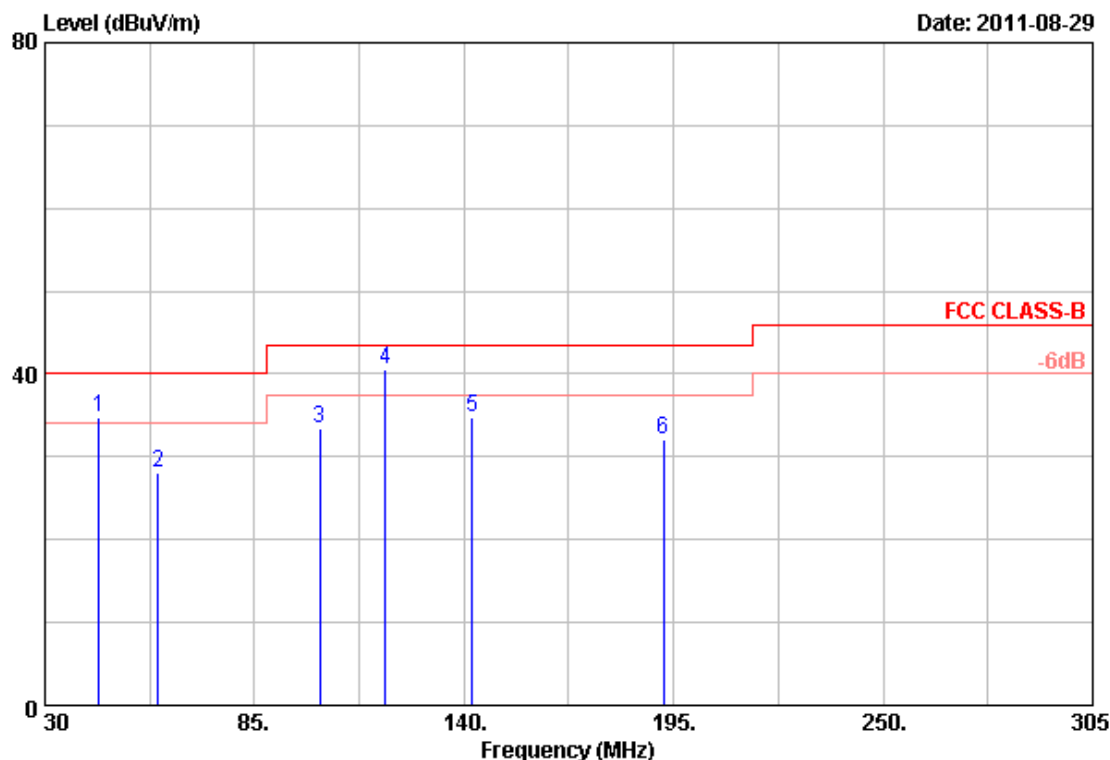
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.00	39.11	8.99	48.10	74.00	-25.90	Peak	100	168

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT40, CH3	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



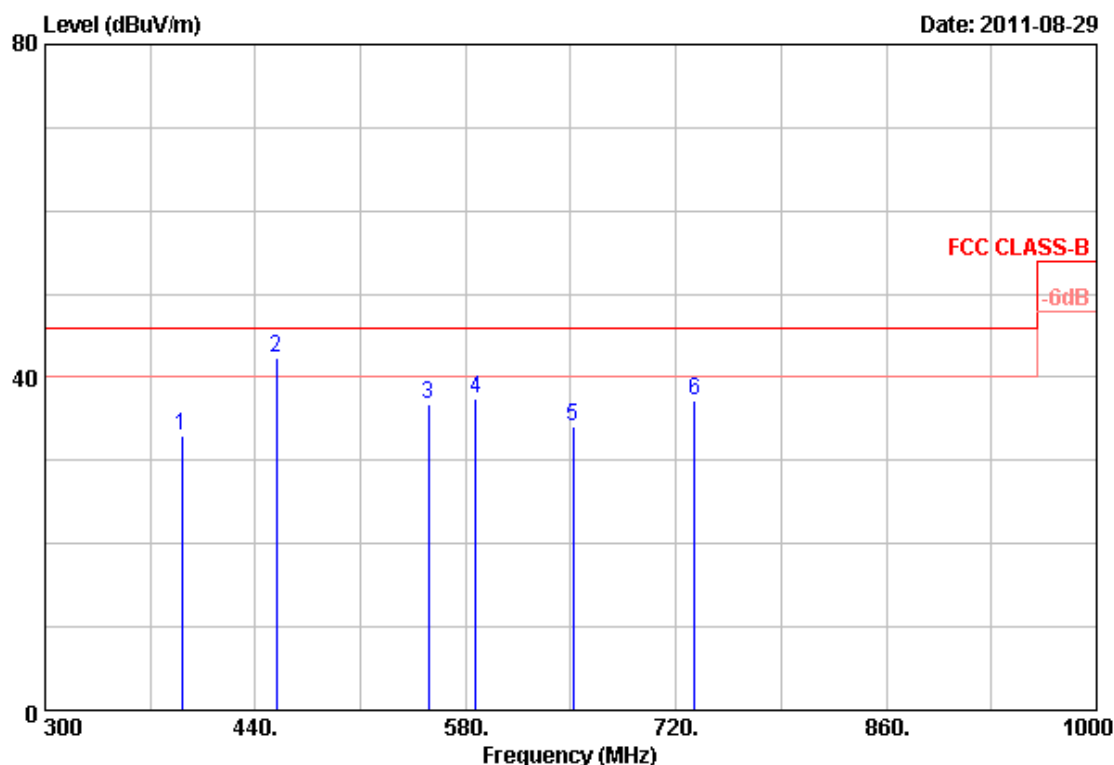
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	44.30	31.56	3.12	34.68	40.00	-5.32	QP	100	360
2	59.70	32.83	-4.74	28.09	40.00	-11.91	Peak	100	360
3	102.05	32.98	0.38	33.36	43.50	-10.14	Peak	100	360
4	119.38	33.25	7.22	40.47	43.50	-3.03	QP	100	360
5	142.20	32.70	1.98	34.68	43.50	-8.82	Peak	100	360
6	192.25	31.63	0.41	32.04	43.50	-11.46	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT40, CH3	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



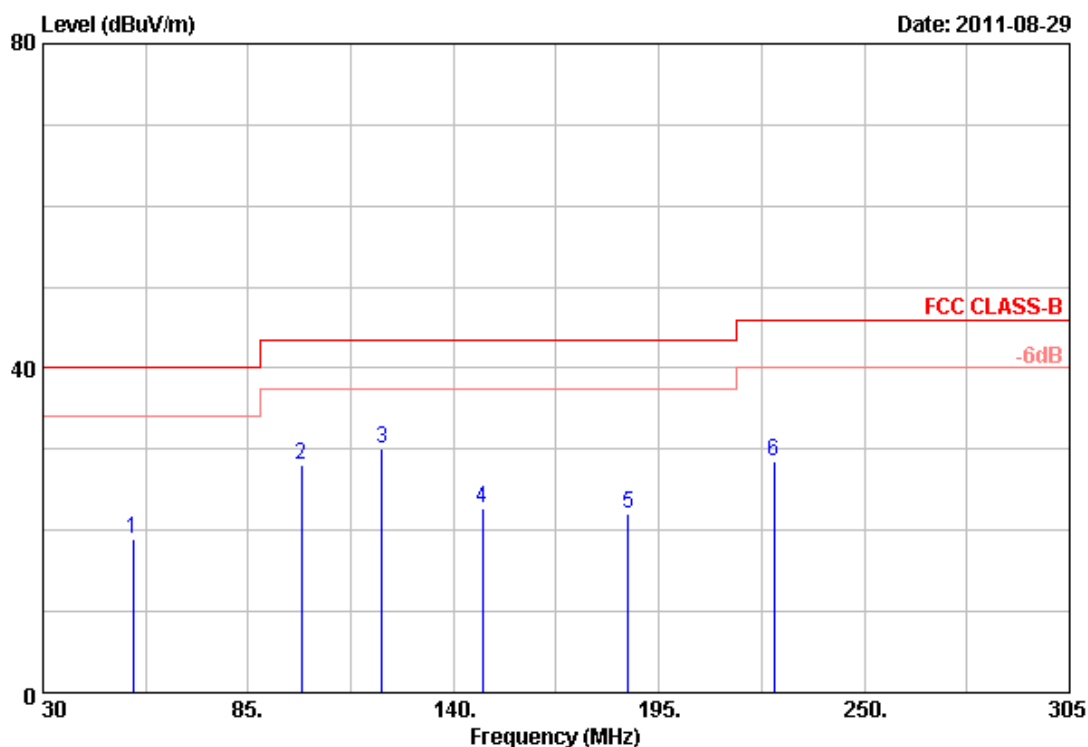
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	391.00	34.38	-1.30	33.08	46.00	-12.92	Peak	100	0
2	454.00	46.14	-3.71	42.43	46.00	-3.57	QP	100	0
3	555.50	26.46	10.26	36.72	46.00	-9.28	Peak	100	0
4	587.00	31.81	5.58	37.39	46.00	-8.61	Peak	100	0
5	651.40	30.46	3.63	34.09	46.00	-11.91	Peak	100	0
6	732.60	26.11	11.10	37.21	46.00	-8.79	Peak	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same,so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences,all spurious emission of 802.11g/n mode at channel 1,6,11 or 3,6,9(for HT40) are almost the same below 1GHz,so that the channel 1 or 3(for HT40)was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40, CH3	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



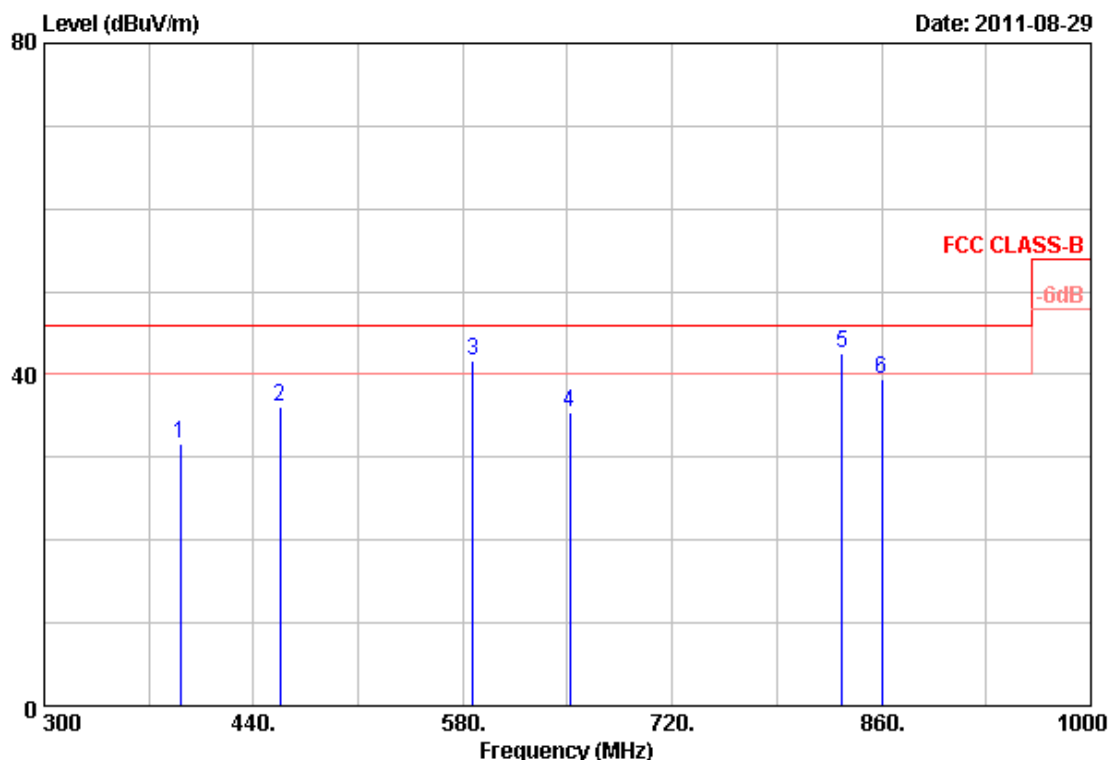
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	54.20	27.03	-8.00	19.03	40.00	-20.97	Peak	100	360
2	99.30	36.47	-8.30	28.17	43.50	-15.33	Peak	100	360
3	120.75	40.24	-10.20	30.04	43.50	-13.46	Peak	100	360
4	147.70	30.60	-7.92	22.68	43.50	-20.82	Peak	100	360
5	186.75	34.21	-12.07	22.14	43.50	-21.36	Peak	100	360
6	225.80	35.41	-6.86	28.55	46.00	-17.45	Peak	100	360

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same, so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences, all spurious emission of 802.11g/n mode at channel 1, 6, 11 or 3, 6, 9 (for HT40) are almost the same below 1GHz, so that the channel 1 or 3 (for HT40) was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40, CH3	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



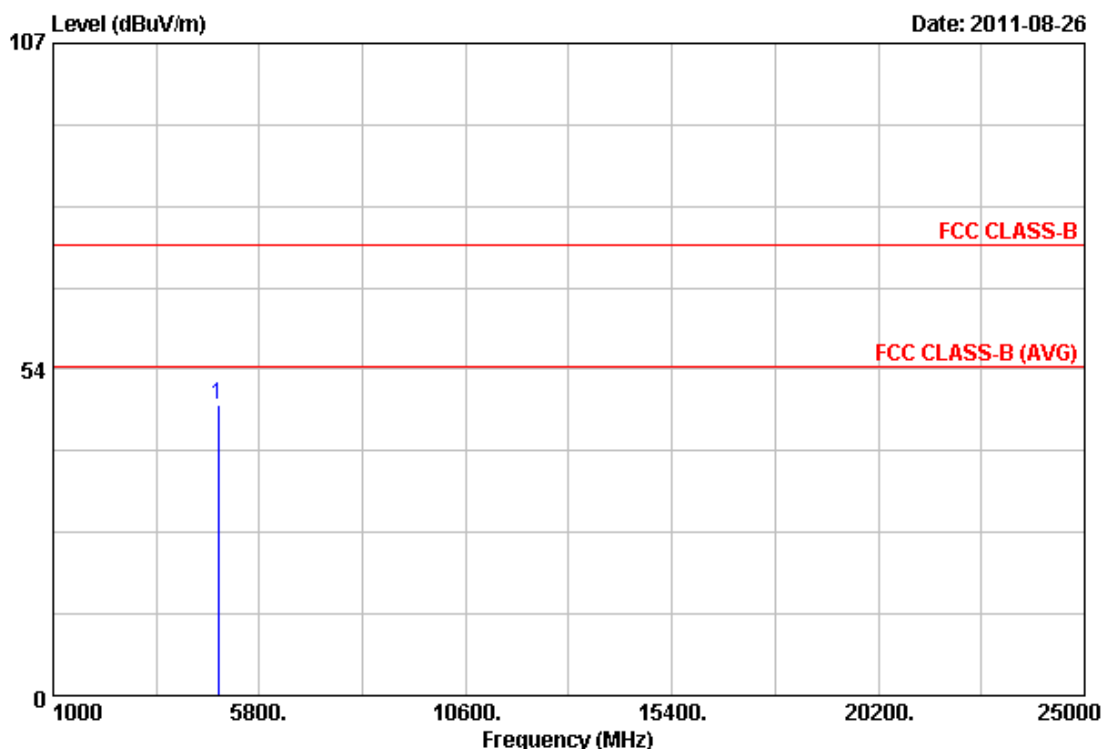
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	391.00	35.22	-3.51	31.71	46.00	-14.29	Peak	100	0
2	457.50	35.41	0.74	36.15	46.00	-9.85	Peak	100	0
3	587.00	34.05	7.58	41.63	46.00	-4.37	QP	100	0
4	651.40	31.42	4.04	35.46	46.00	-10.54	Peak	100	0
5	833.40	28.77	13.72	42.49	46.00	-3.51	QP	100	0
6	860.00	29.95	9.52	39.47	46.00	-6.53	Peak	100	0

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. All emission below 1GHz at 802.11b/g/n mode are all the same,so the 802.11g/n mode chosen as representative in final test.
5. According to technical experiences,all spurious emission of 802.11g/n mode at channel 1,6,11 or 3,6,9(for HT40) are almost the same below 1GHz,so that the channel 1 or 3(for HT40)was chosen as representative in final test.
6. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT40, CH3	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



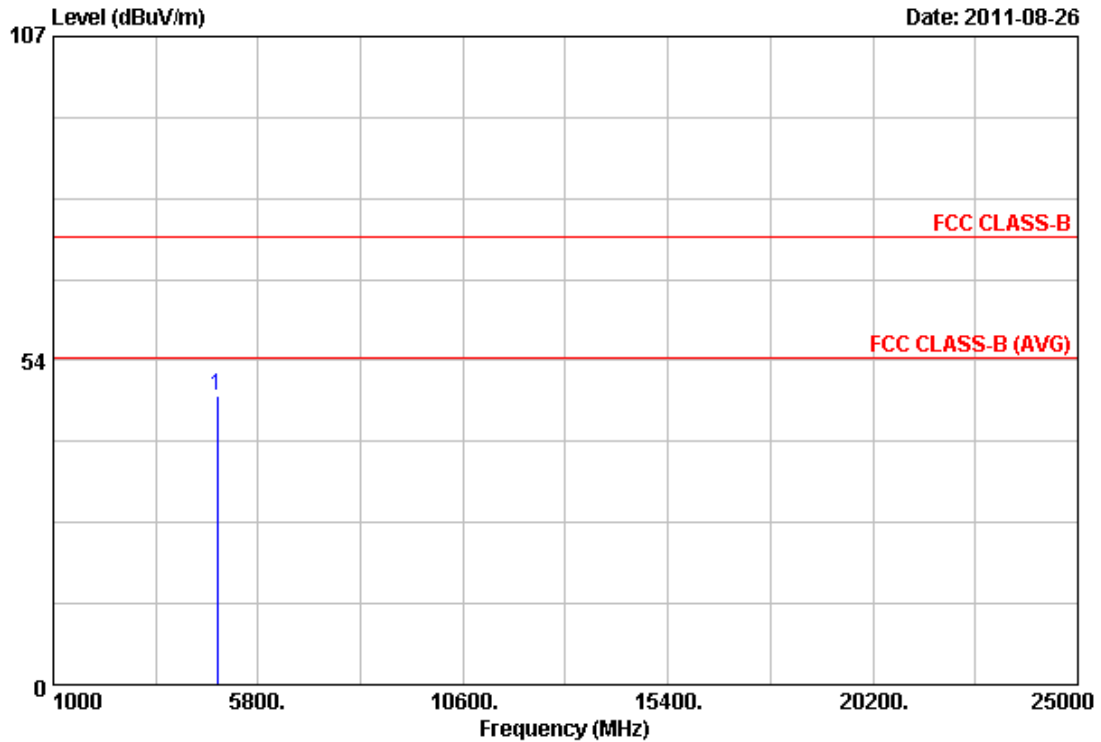
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4844.00	39.02	8.69	47.71	74.00	-26.29	Peak	100	168

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40, CH3	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



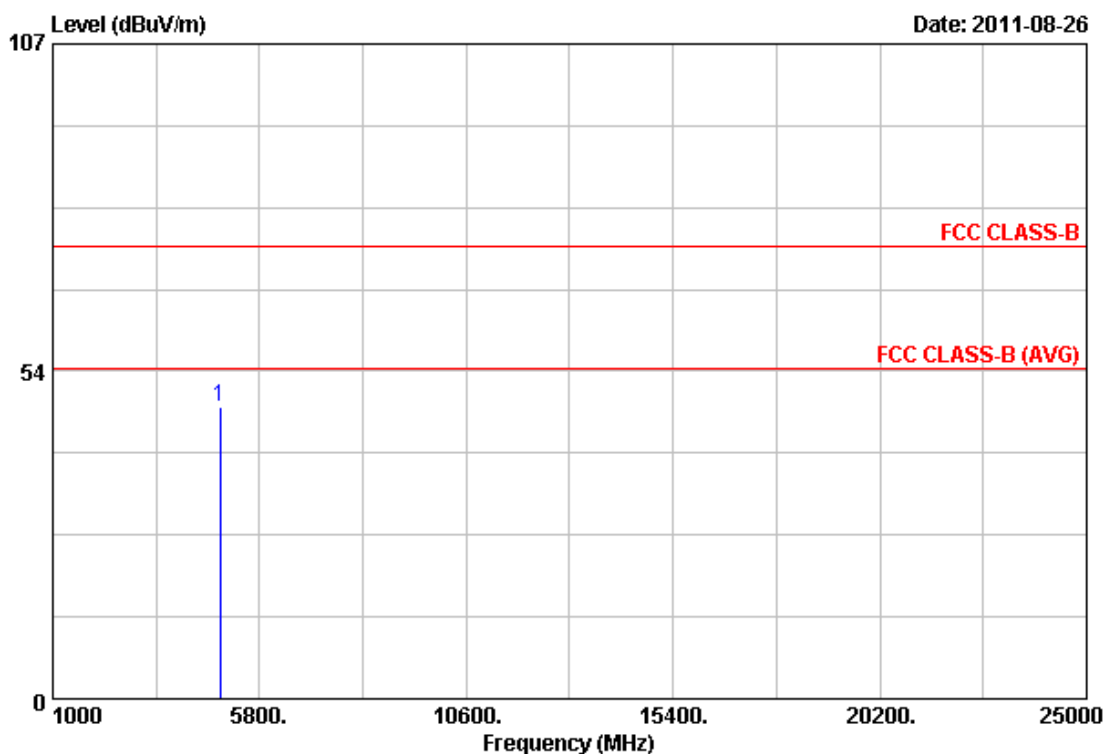
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4844.00	38.99	8.69	47.68	74.00	-26.32	Peak	100	168

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT40, CH6	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



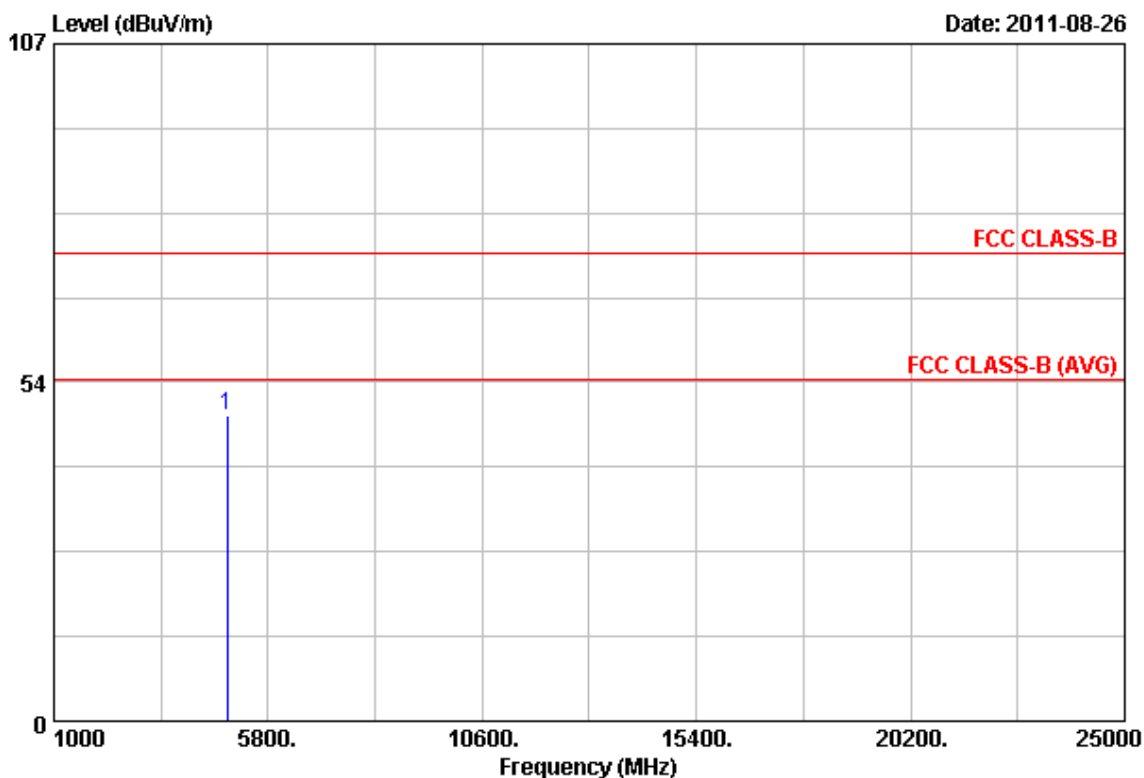
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.00	38.97	8.80	47.77	74.00	-26.23	Peak	100	168

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40, CH6	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



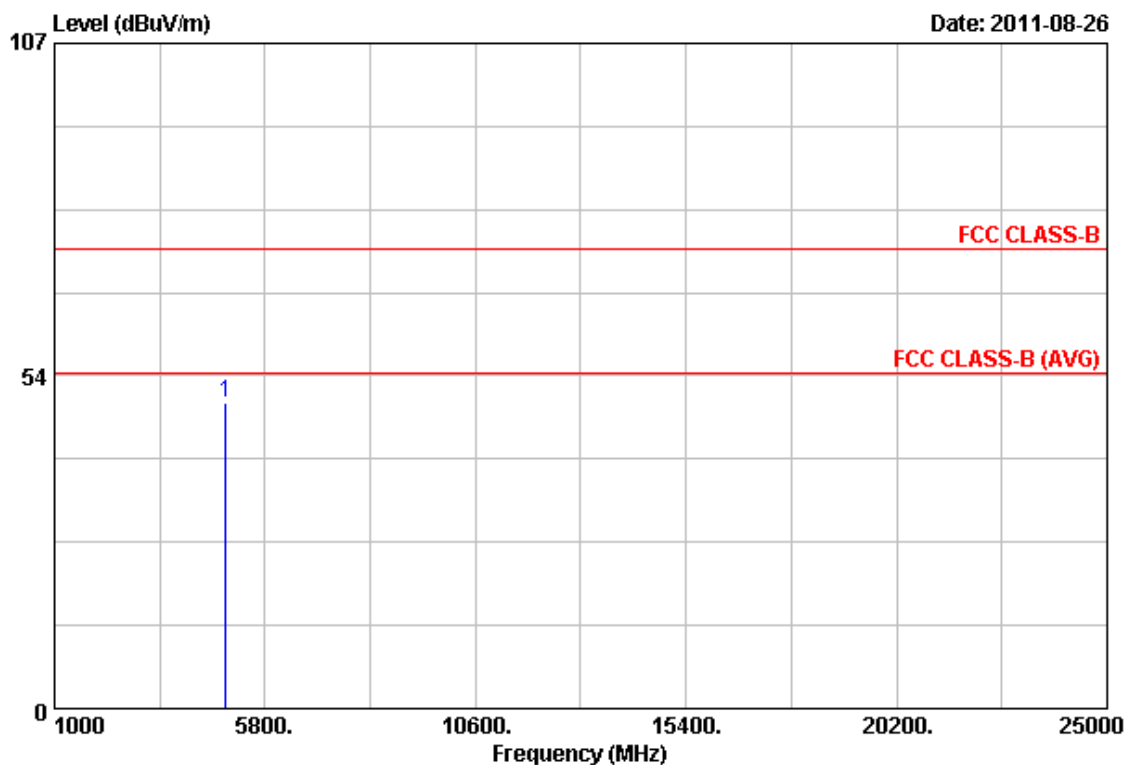
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.00	39.61	8.80	48.41	74.00	-25.59	Peak	100	168

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode	: 802.11n HT40, CH9	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



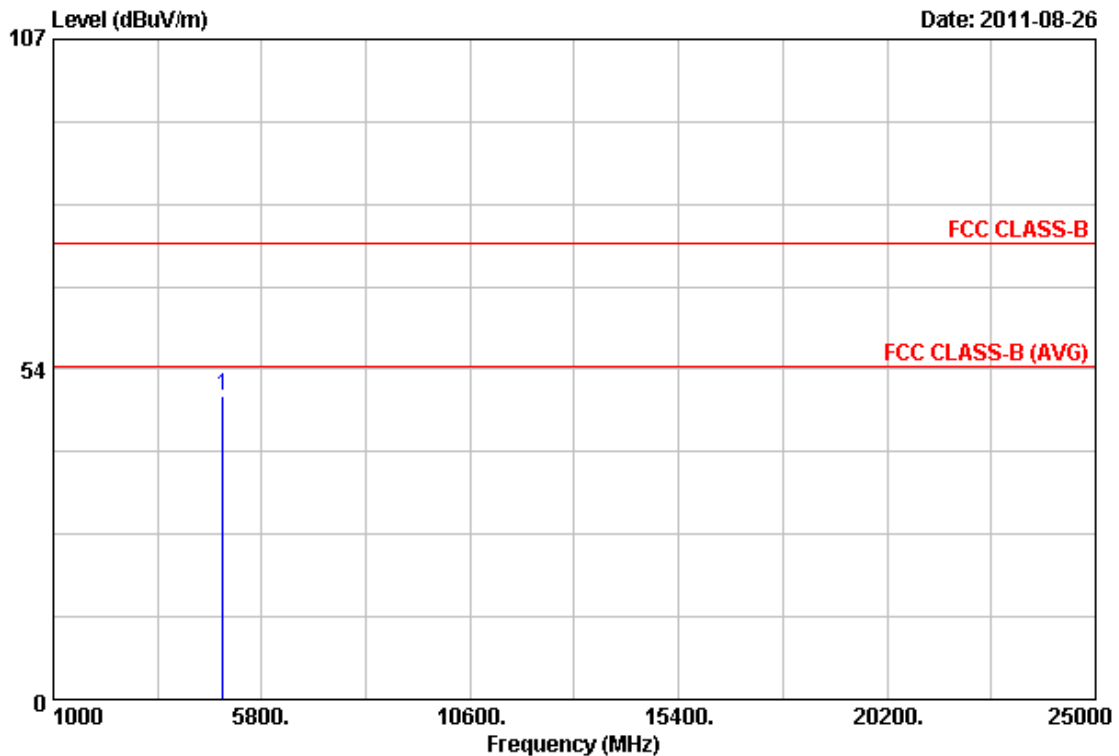
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4904.00	40.14	8.92	49.06	74.00	-24.94	Peak	100	168

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.



Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode	: 802.11n HT40, CH9	Temperature	: 23 °C
Memo	: Adapter: ADP-36EH C	Humidity	: 65 %



Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB		cm	Deg
1	4904.00	40.37	8.92	49.29	74.00	-24.71	Peak	100	168

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 120KHz and video bandwidth is 300kHz for Peak detection and Quasi-peak detection at frequency below 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.
7. The data is worse case.

Test engineer:



6. 6dB Bandwidth Measurement Data

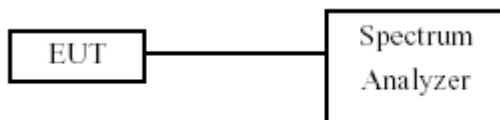
6.1 Test Limit

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

6.2 Test Procedures

- The transmitter output was connected to the spectrum analyzer.
- Set RBW of spectrum analyzer to 100 KHz and VBW to 100 KHz.
- The 6 dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6 dB.

6.3 Test Setup Layout



6.4 Measurement Equipment

Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
Spectrum Analyzer	R&S	FSP40	100047	2011/05/05	2012/05/04

6.5 Test Result and Data

Test Date: Aug. 23, 2011

Temperature: 25°C

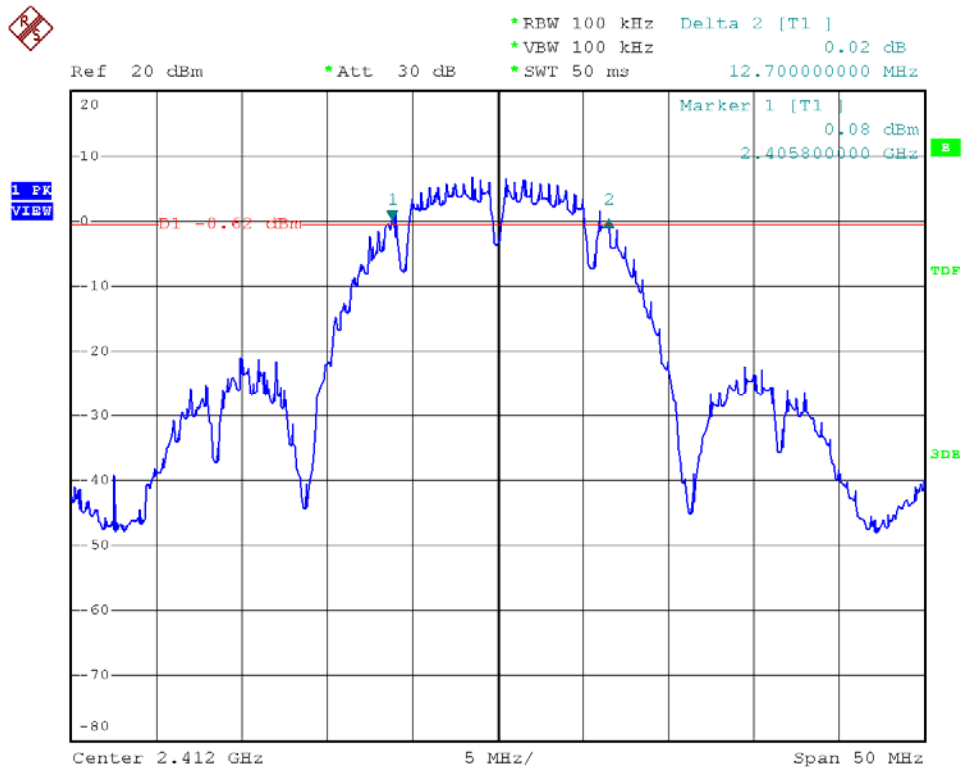
Atmospheric pressure: 1005 hPa

Humidity: 50%

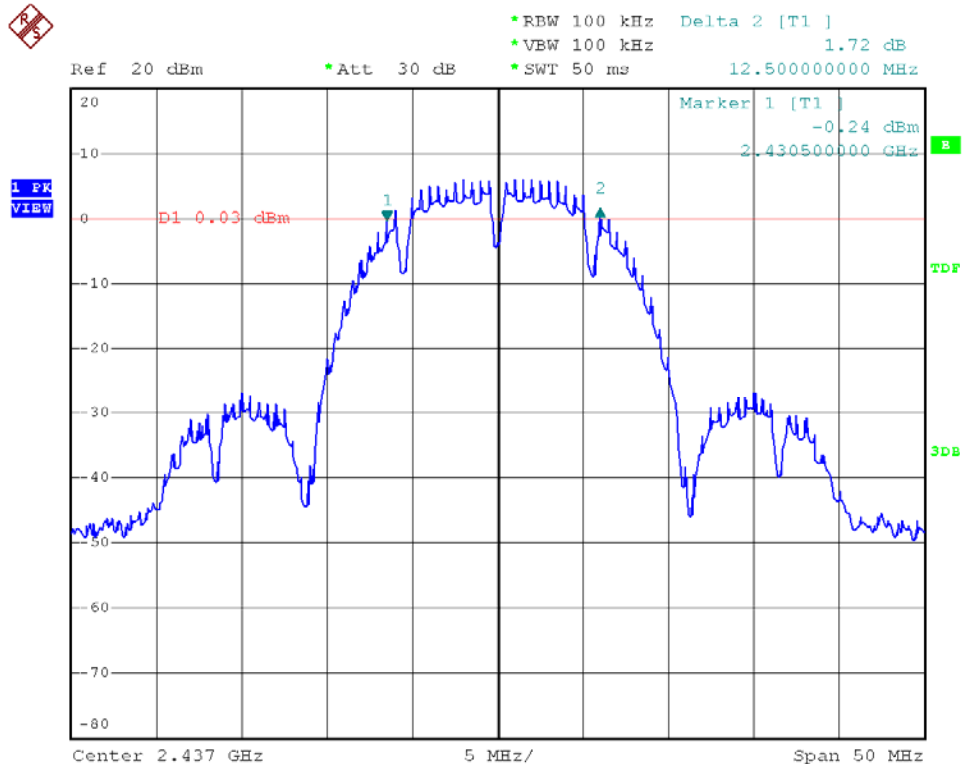
Modulation Standard	Channel	Frequency (MHz)	6dB Bandwidth (MHz)
802.11b (1Mbps)	01	2412	12.7
	06	2437	12.5
	11	2462	12.0
802.11g (6Mbps)	01	2412	16.4
	06	2437	16.4
	11	2462	16.4
802.11n HT20 (6.5Mbps)	01	2412	17.6
	06	2437	17.6
	11	2462	17.6
802.11n HT40 (13.5Mbps)	03	2422	36.4
	06	2437	36.4
	09	2452	36.4



Modulation Standard: 802.11b (1Mbps)
Channel: 01



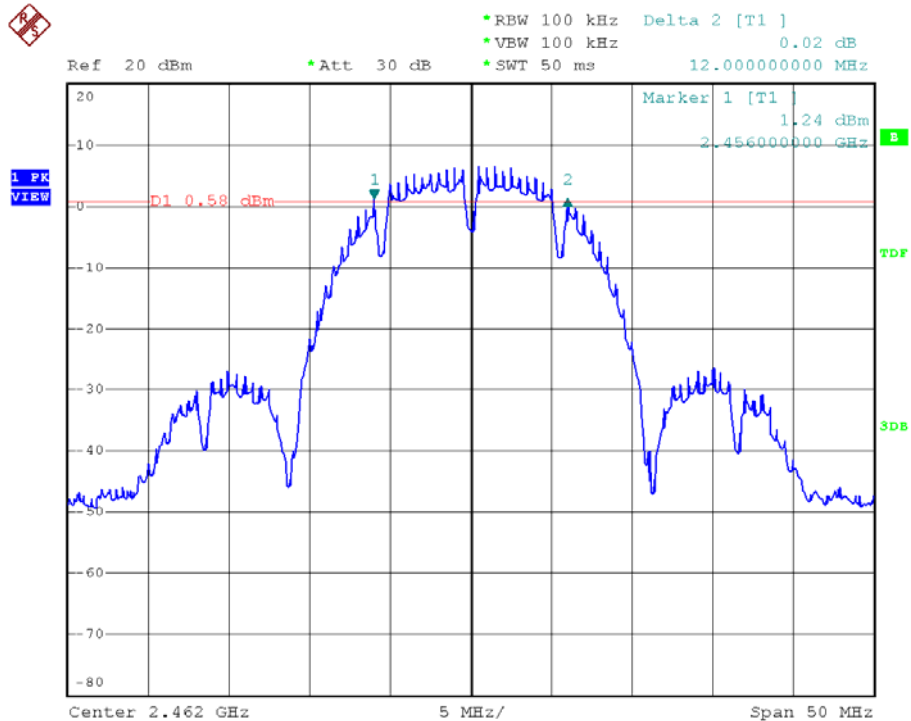
Modulation Standard: 802.11b (1Mbps)
Channel: 06





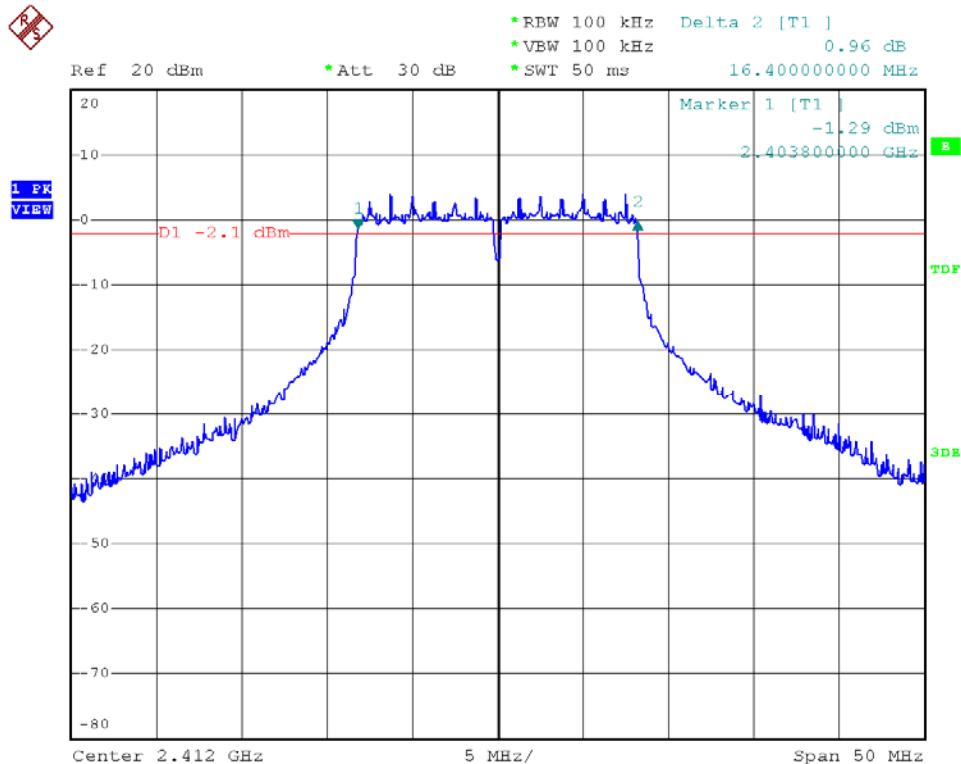
Modulation Standard: 802.11b (1Mbps)

Channel: 11



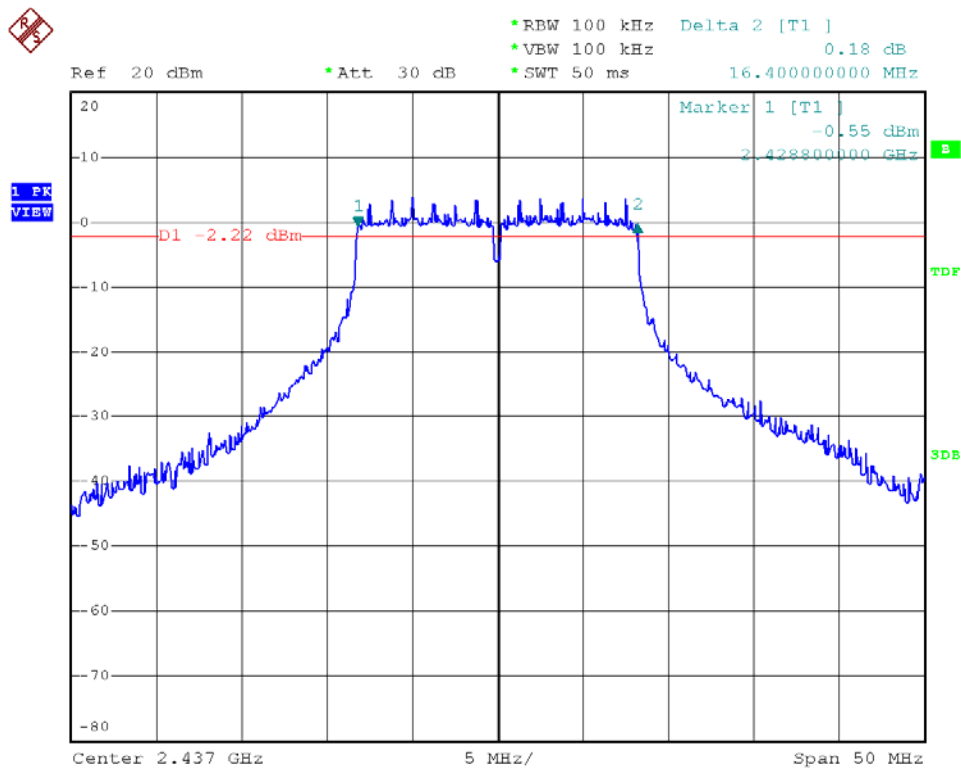
Modulation Standard: 802.11g (6Mbps)

Channel: 01

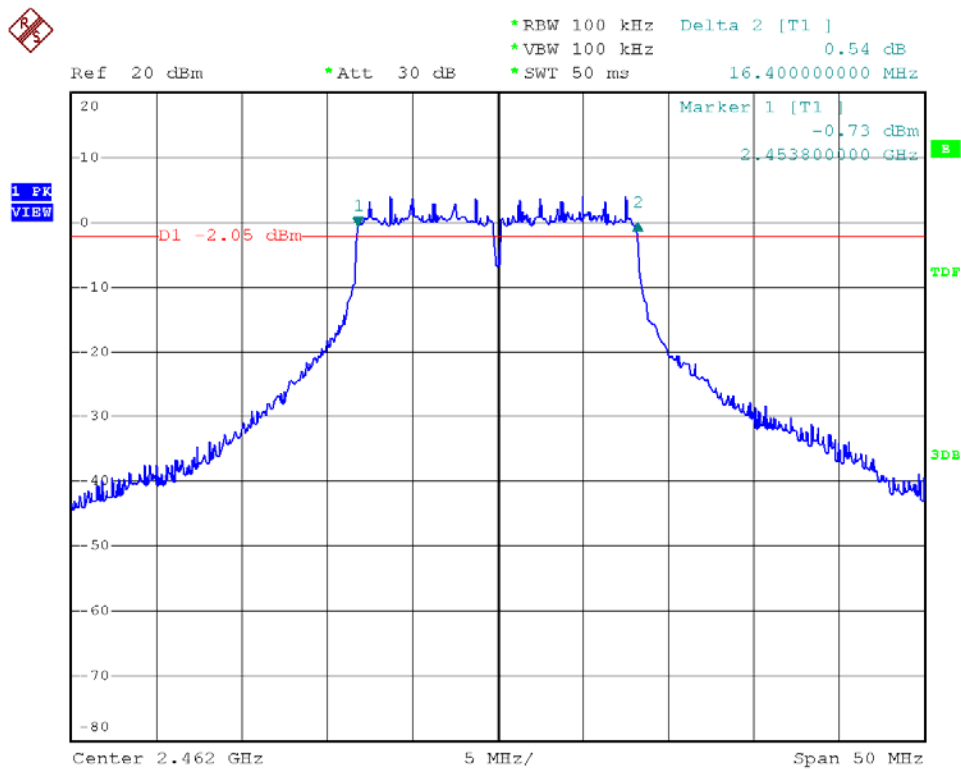




Modulation Standard: 802.11g (6Mbps)
Channel: 06

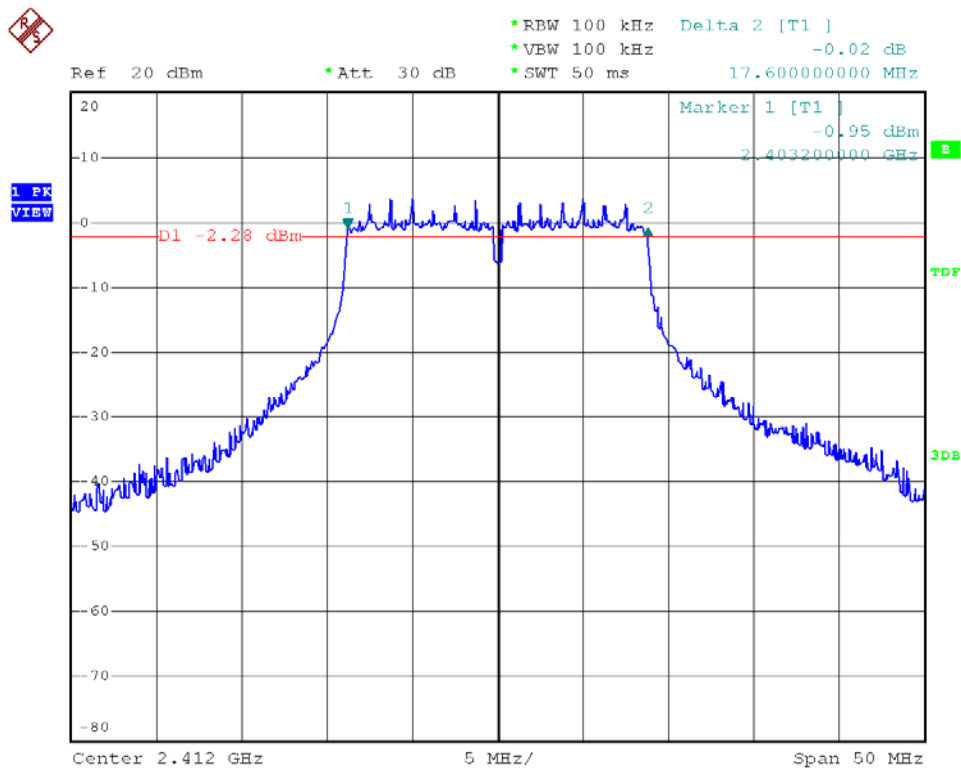


Modulation Standard: 802.11g (6Mbps)
Channel: 11

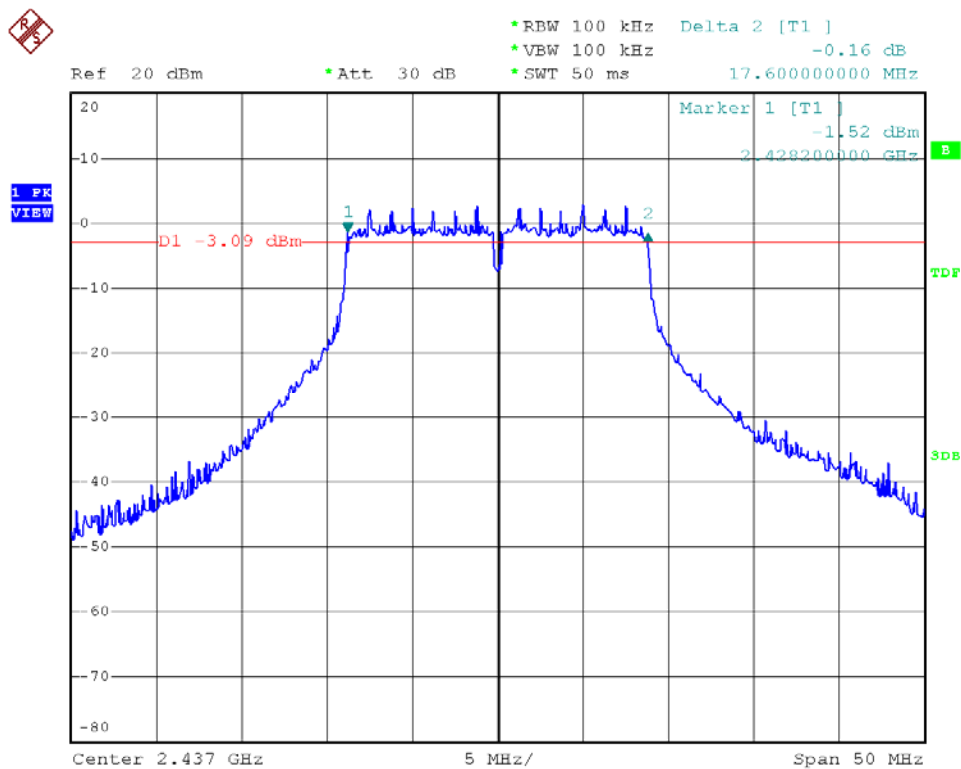




Modulation Standard: 802.11n HT20 (6.5Mbps)
Channel: 01

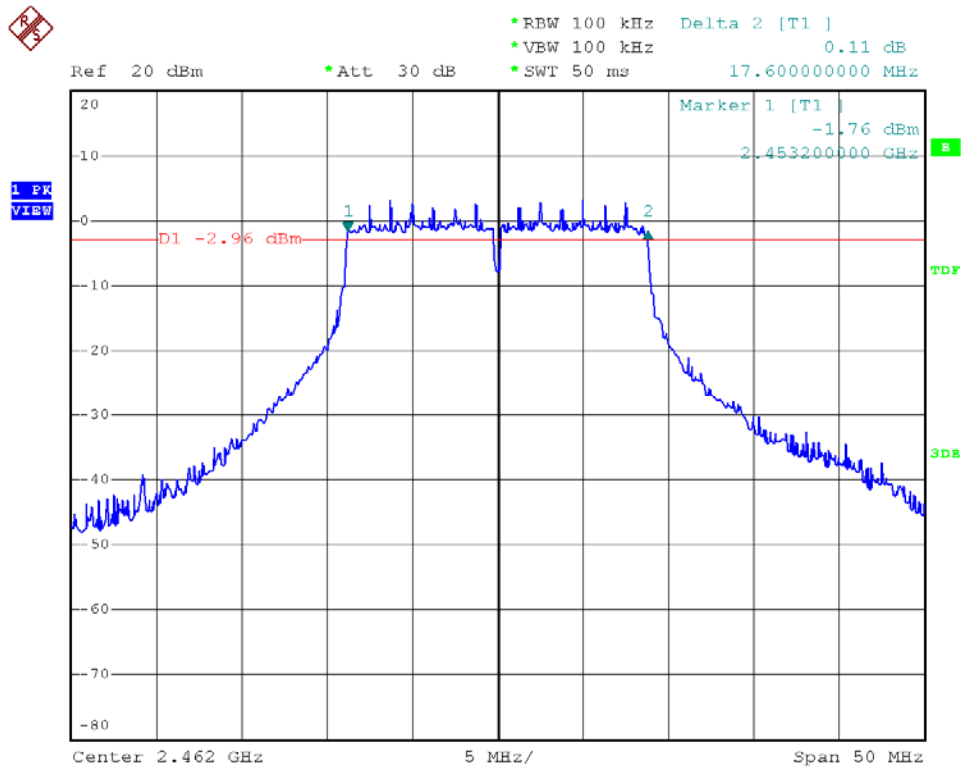


Modulation Standard: 802.11n HT20 (6.5Mbps)
Channel: 06

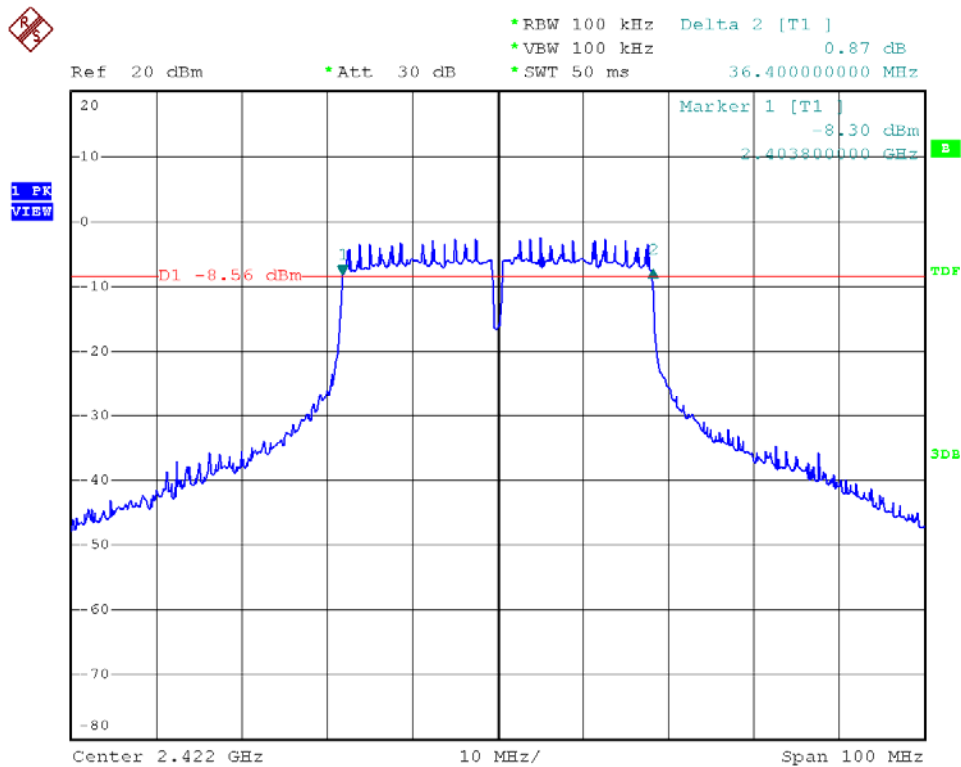




Modulation Standard: 802.11n HT20 (6.5Mbps)
Channel: 11

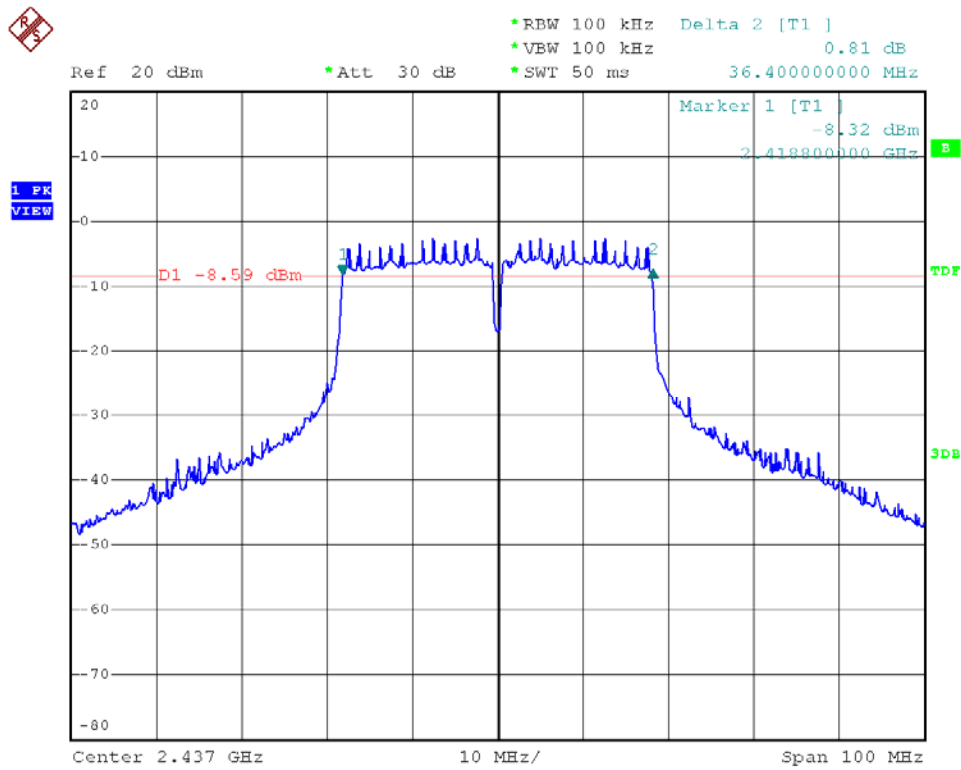


Modulation Standard: 802.11n HT40 (13.5Mbps)
Channel: 03

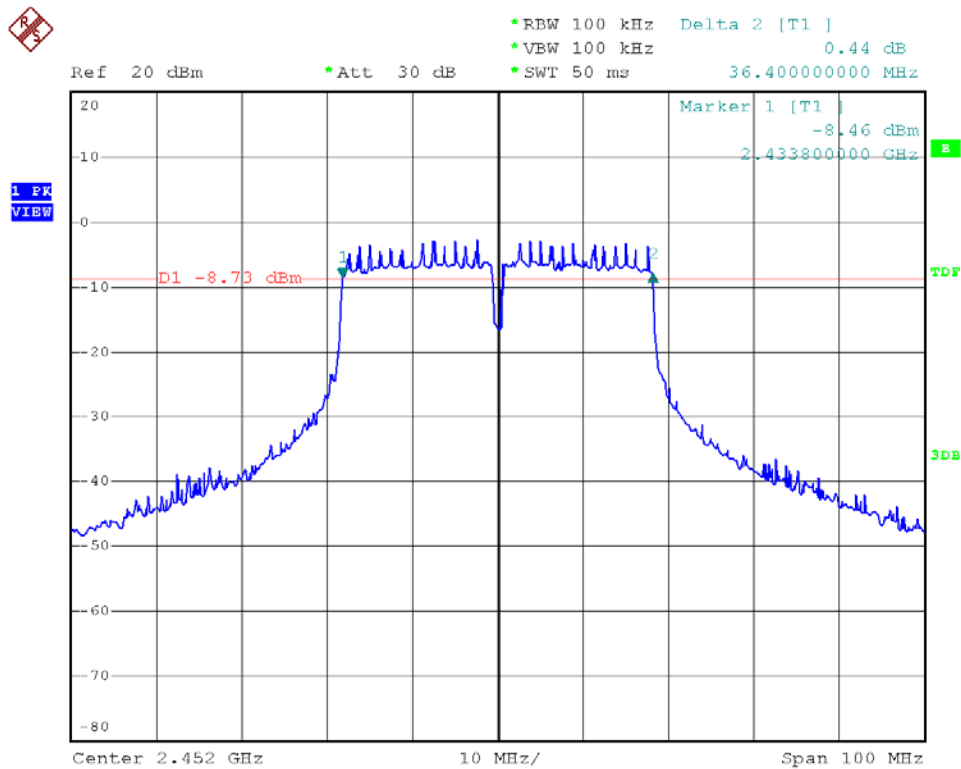




Modulation Standard: 802.11n HT40 (13.5Mbps)
Channel: 06



Modulation Standard: 802.11n HT40 (13.5Mbps)
Channel: 09





7. Maximum Peak Output Power

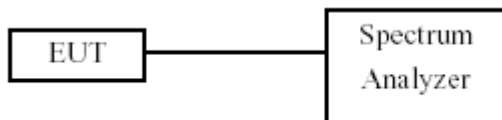
7.1 Test Limit

The Maximum Peak Output Power Measurement is 30dBm.

7.2 Test Procedures

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

7.3 Test Setup Layout



7.4 Measurement Equipment

Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
Spectrum Analyzer	R&S	FSP40	100219	2010/11/05	2011/11/04



7.5 Test Result and Data

Test Date: Aug. 23, 2011

Temperature: 25°C

Atmospheric pressure: 1005 hPa

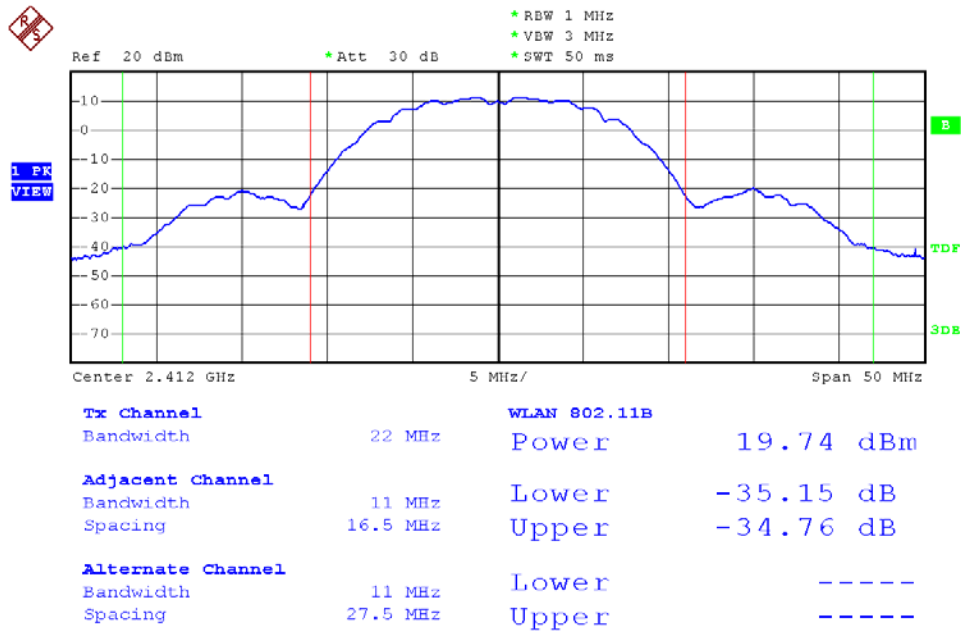
Humidity: 50%

Modulation Standard	Channel	Frequency (MHz)	Peak Power Output (dBm)	Peak Power Output (mW)
802.11b (1Mbps)	01	2412	19.74	94.2
	06	2437	19.57	90.6
	11	2462	19.49	88.9
802.11g (6Mbps)	01	2412	24.75	298.5
	06	2437	24.55	285.1
	11	2462	24.55	285.1
802.11n HT20 (6.5Mbps)	01	2412	23.59	228.6
	06	2437	23.46	221.8
	11	2462	23.21	209.4
802.11n HT40 (13.5Mbps)	03	2422	19.48	88.7
	06	2437	19.70	93.3
	09	2452	19.68	92.9



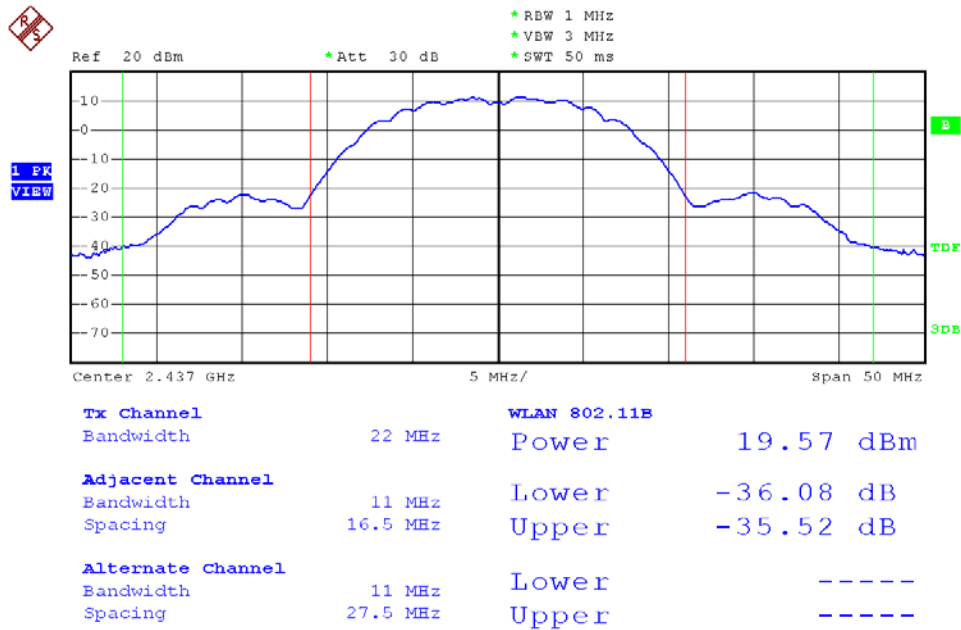
Modulation Standard: 802.11b (1Mbps)

Channel: 01



Modulation Standard: 802.11b (1Mbps)

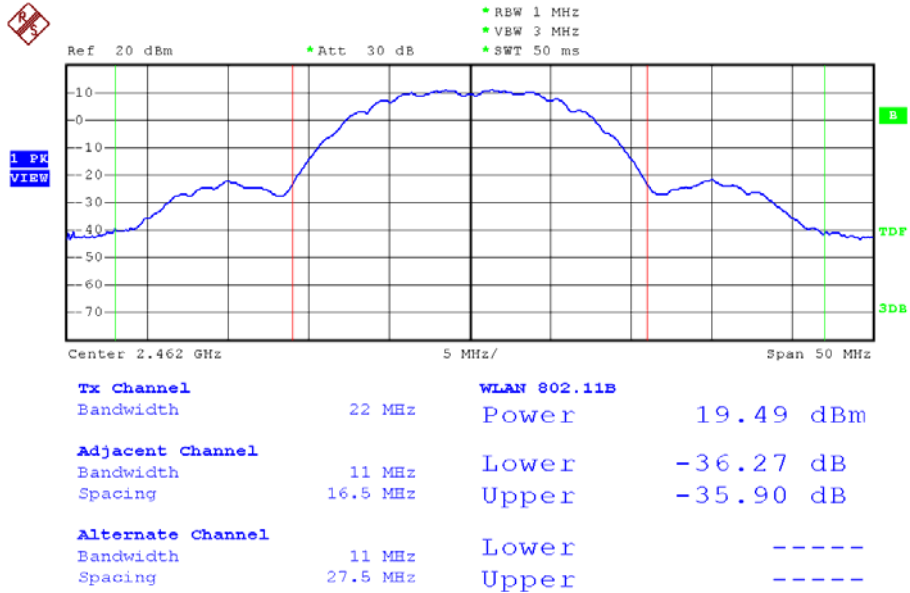
Channel: 06





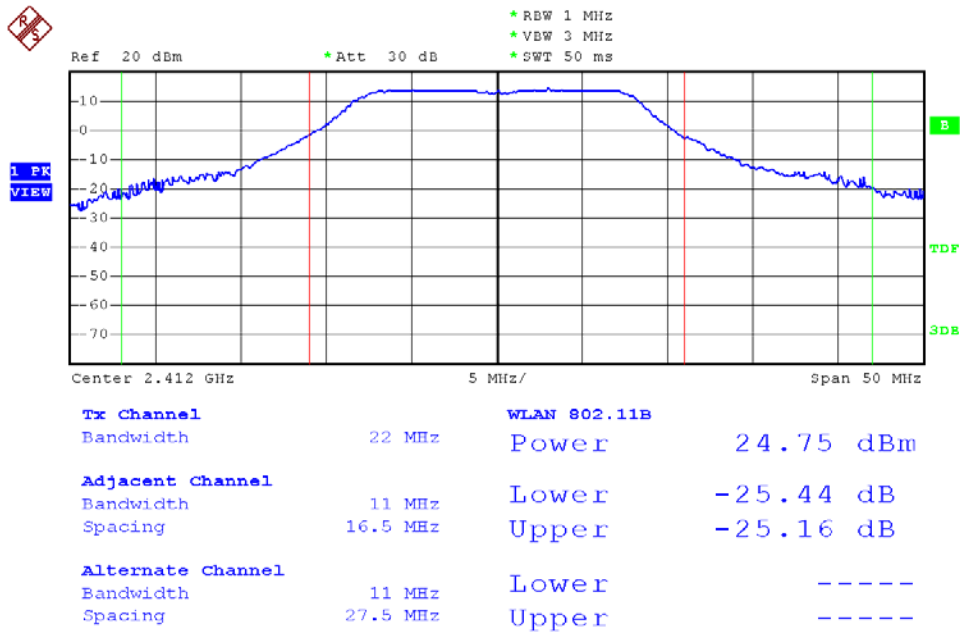
Modulation Standard: 802.11b (1Mbps)

Channel: 11



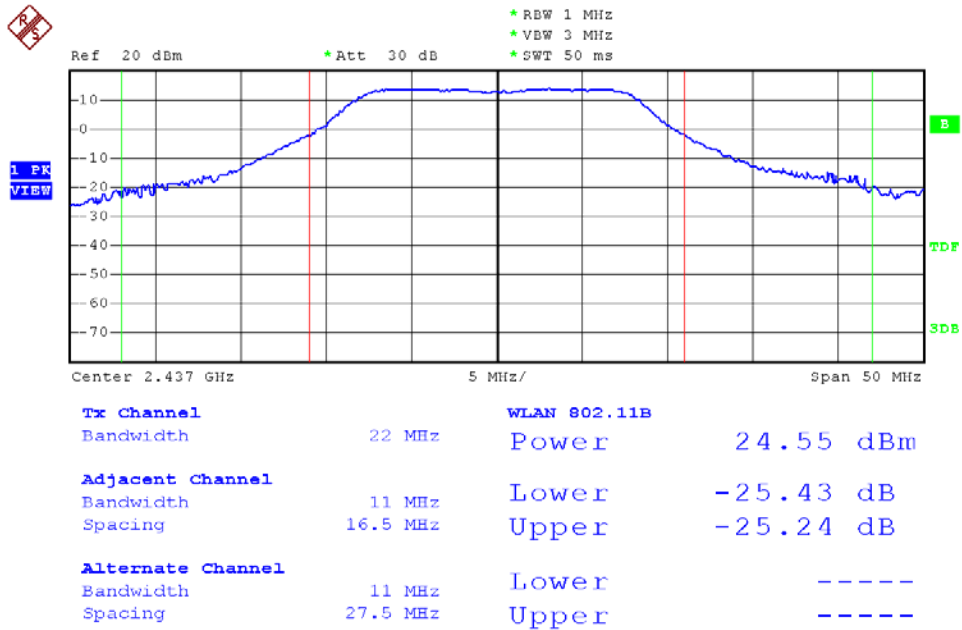
Modulation Standard: 802.11g (6Mbps)

Channel: 01

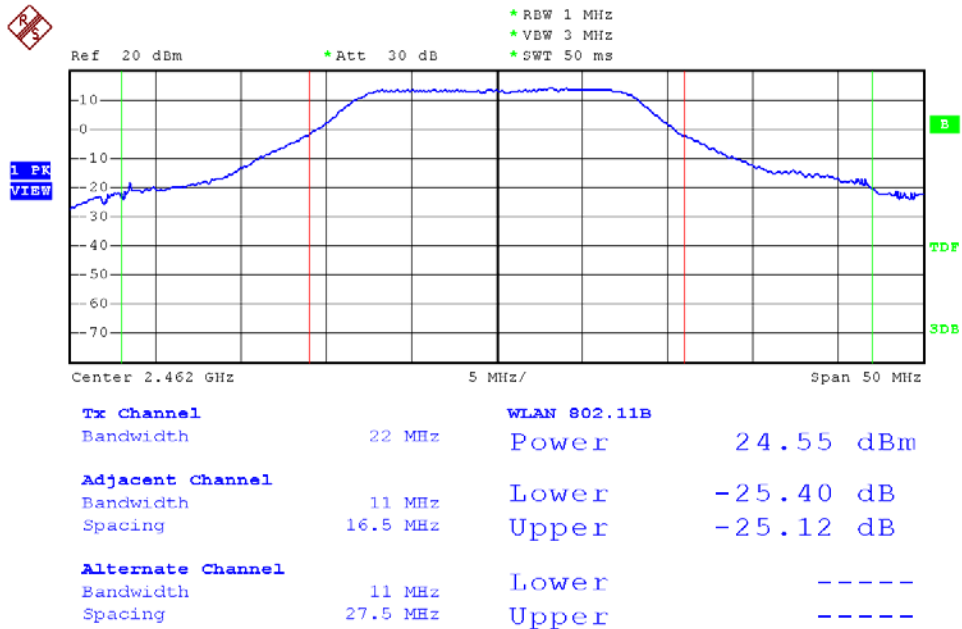




Modulation Standard: 802.11g (6Mbps)
Channel: 06



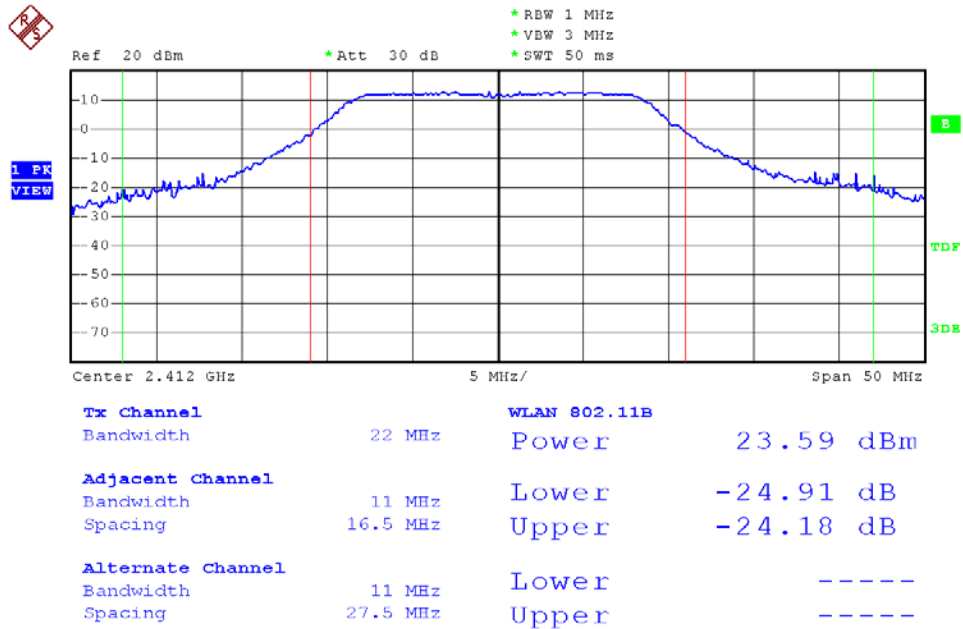
Modulation Standard: 802.11g (6Mbps)
Channel: 11





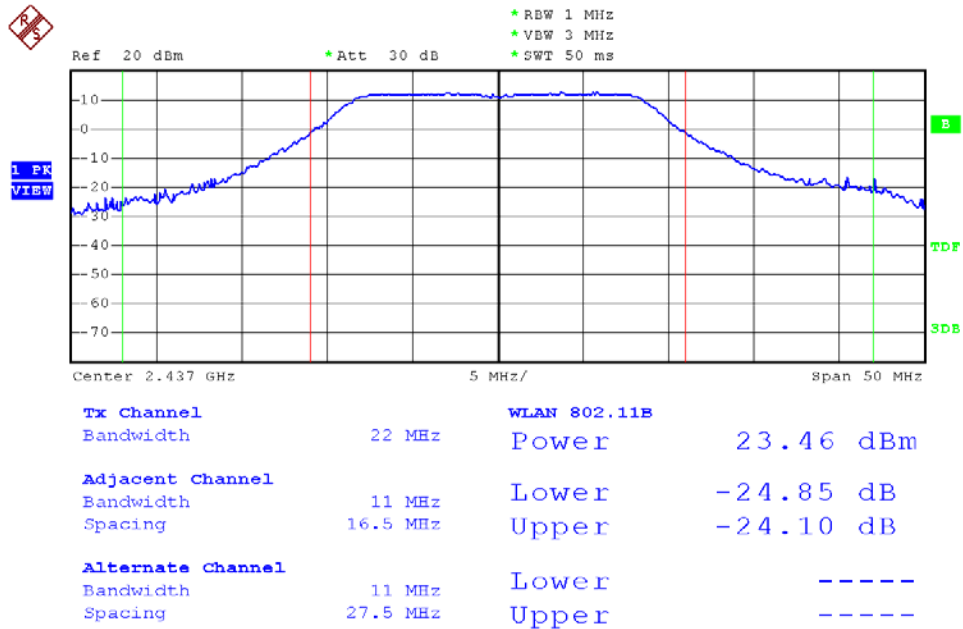
Modulation Standard: 802.11n HT20 (6.5Mbps)

Channel: 01



Modulation Standard: 802.11n HT20 (6.5Mbps)

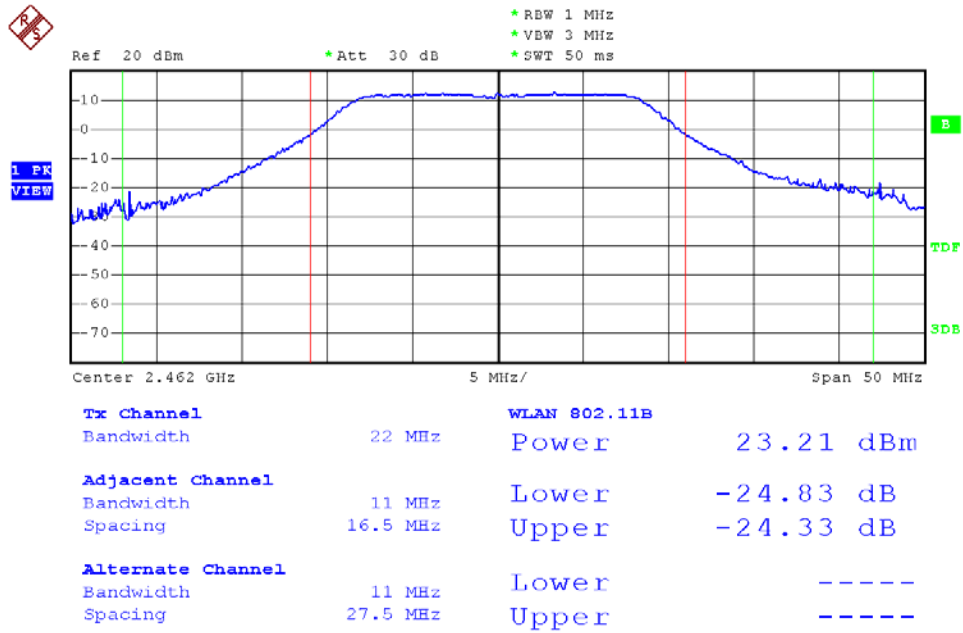
Channel: 06





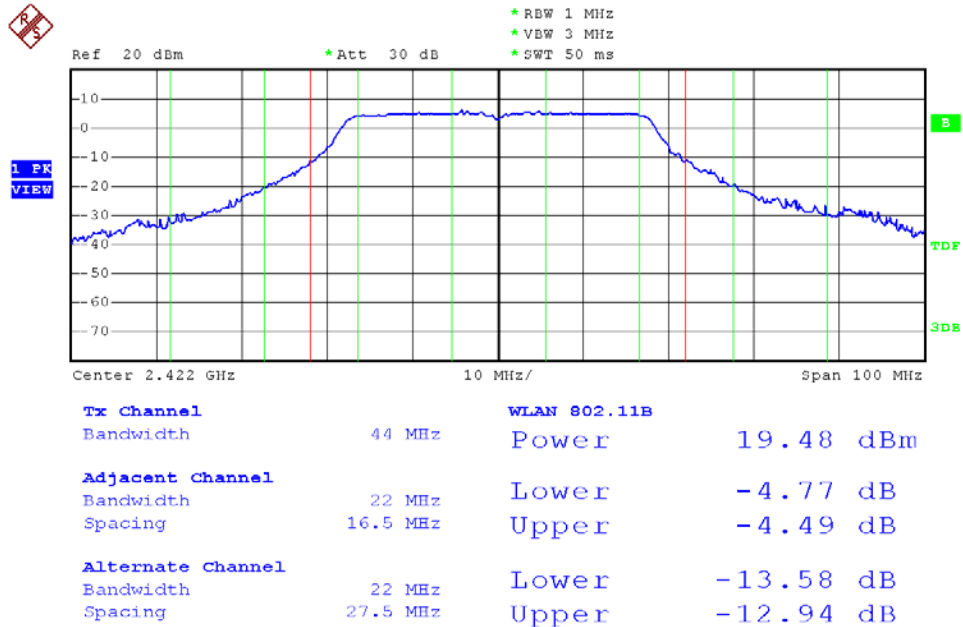
Modulation Standard: 802.11n HT20 (6.5Mbps)

Channel: 11



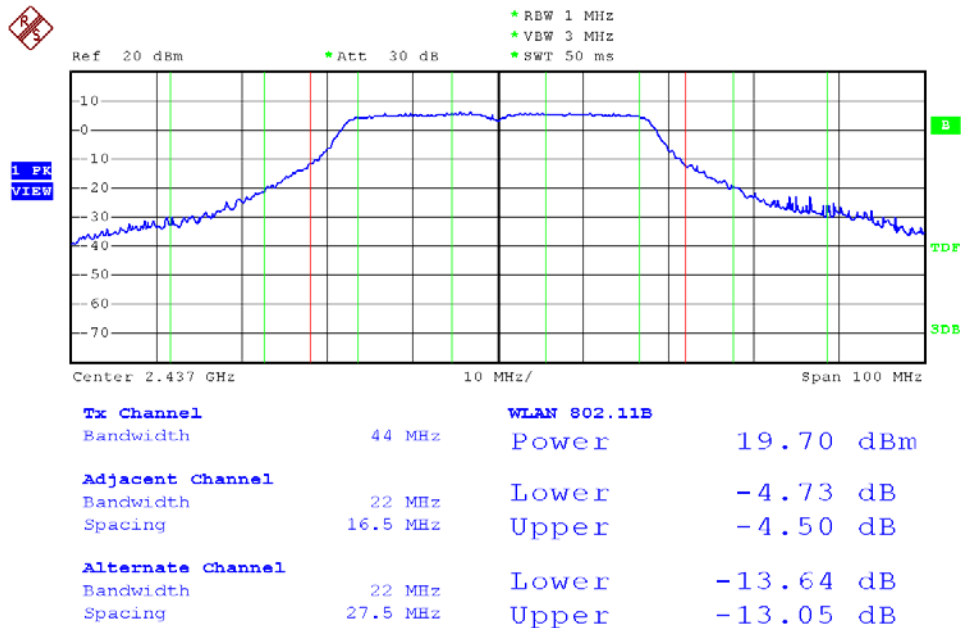
Modulation Standard: 802.11n HT40 (13.5Mbps)

Channel: 03

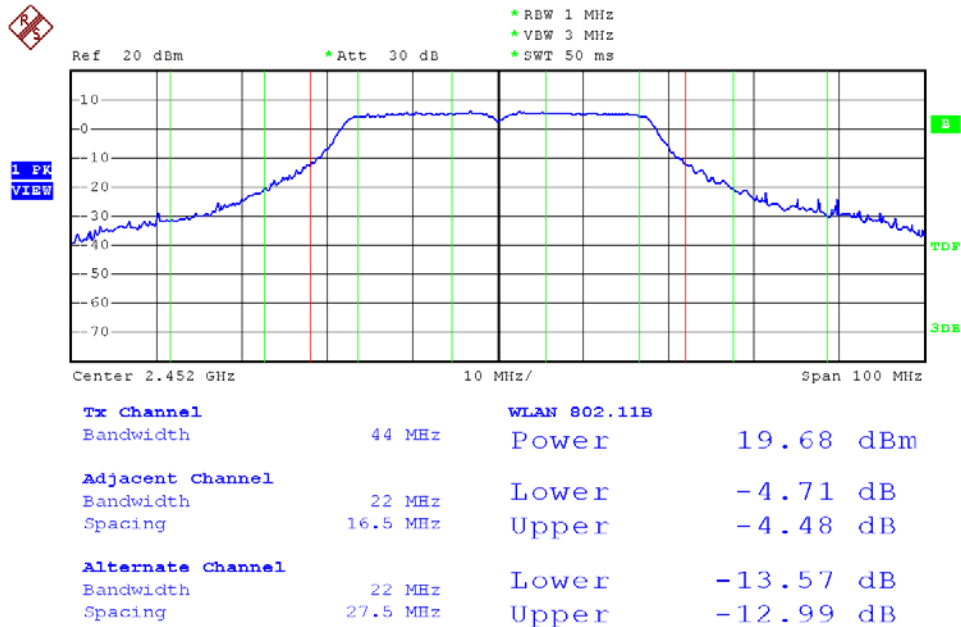




Modulation Standard: 802.11n HT40 (13.5Mbps)
Channel: 06



Modulation Standard: 802.11n HT40 (13.5Mbps)
Channel: 09





8. Power Spectral Density

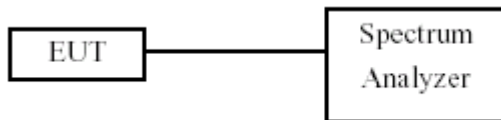
8.1 Test Limit

The Maximum of Power Spectral Density Measurement is 8dBm.

8.2 Test Procedures

- The transmitter output was connected to spectrum analyzer.
- The spectrum analyzer's resolution bandwidth were set at 3KHz RBW and 30KHz VBW as that of the fundamental frequency. Set the sweep time=span/3KHz.
- The power spectral density was measured and recorded.
- The Sweep time is allowed to be longer than span/3KHz for a full response of the mixer in the spectrum analyzer.

8.3 Test Setup Layout



8.4 Measurement Equipment

Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
Spectrum Analyzer	R&S	FSP40	100047	2011/05/05	2012/05/04

8.5 Test Result and Data

Test Date: Aug. 23, 2011

Temperature: 25°C

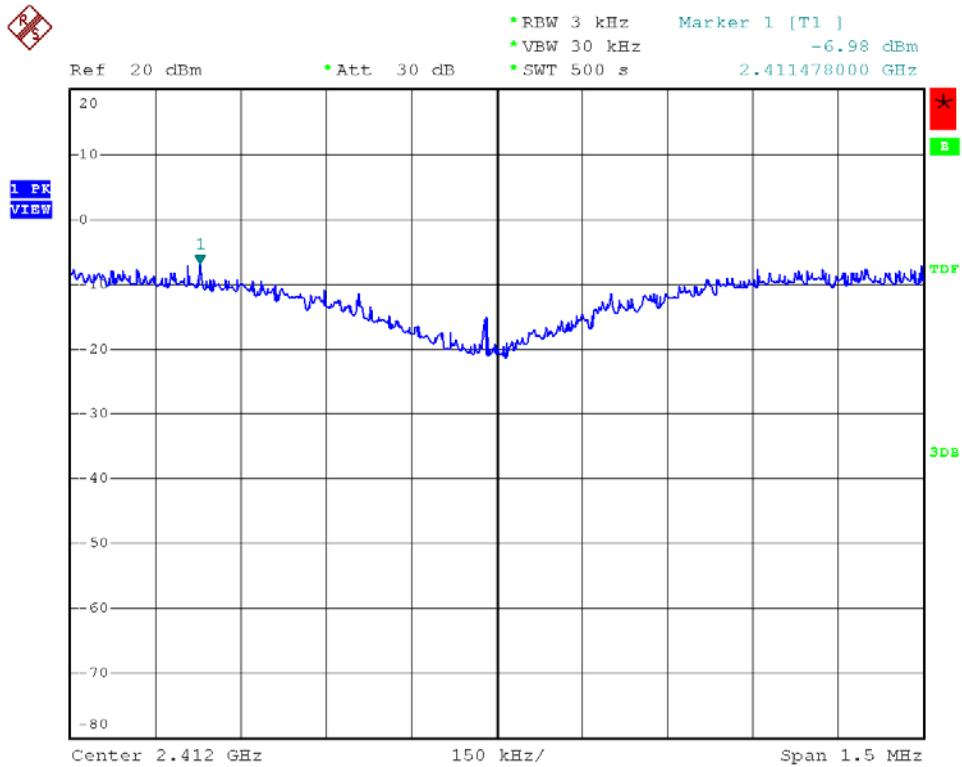
Atmospheric pressure: 1005 hPa

Humidity: 50%

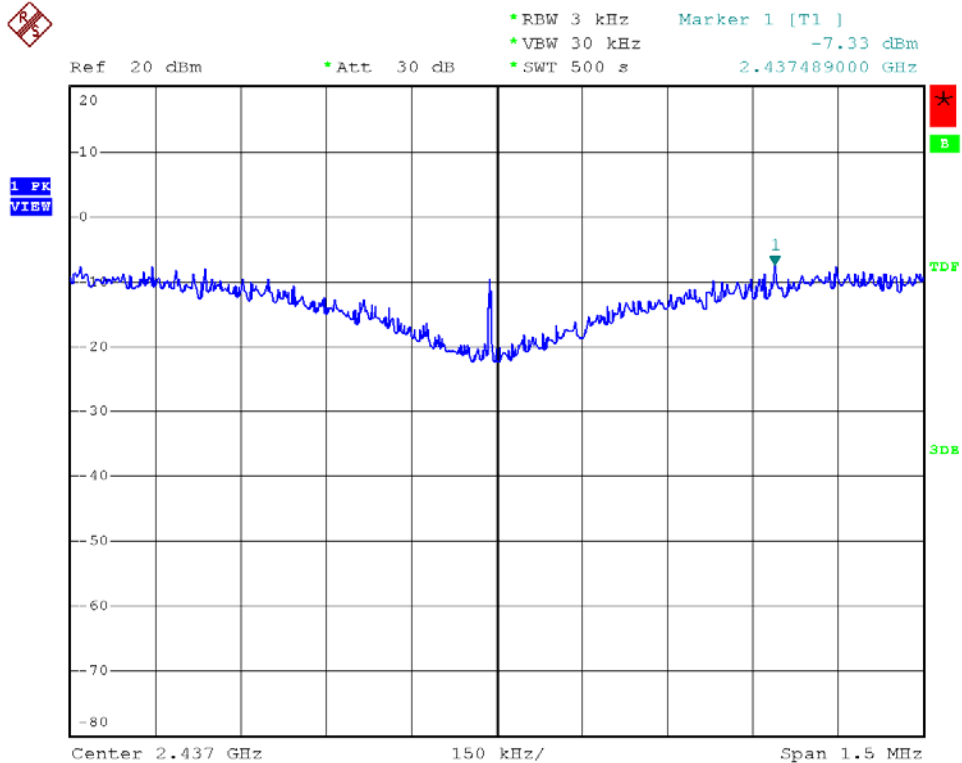
Modulation Standard	Channel	Frequency (MHz)	Maximum Power Density of 3 kHz Bandwidth (dBm)
802.11b (1Mbps)	01	2412	-6.98
	06	2437	-7.33
	11	2462	-7.83
802.11g (6Mbps)	01	2412	-9.26
	06	2437	-9.56
	11	2462	-9.77
802.11n HT20 (6.5Mbps)	01	2412	-10.19
	06	2437	-10.08
	11	2462	-10.83
802.11n HT40 (13.5Mbps)	03	2422	-16.76
	06	2437	-16.49
	09	2452	-16.71



Modulation Standard: 802.11b (1Mbps)
Channel: 01

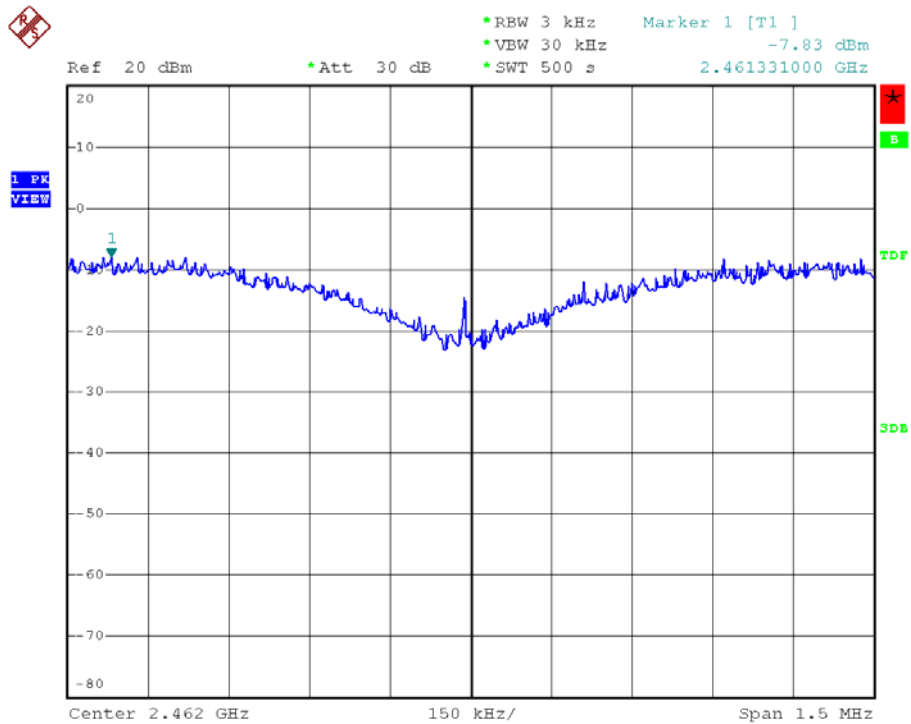


Modulation Standard: 802.11b (1Mbps)
Channel: 06

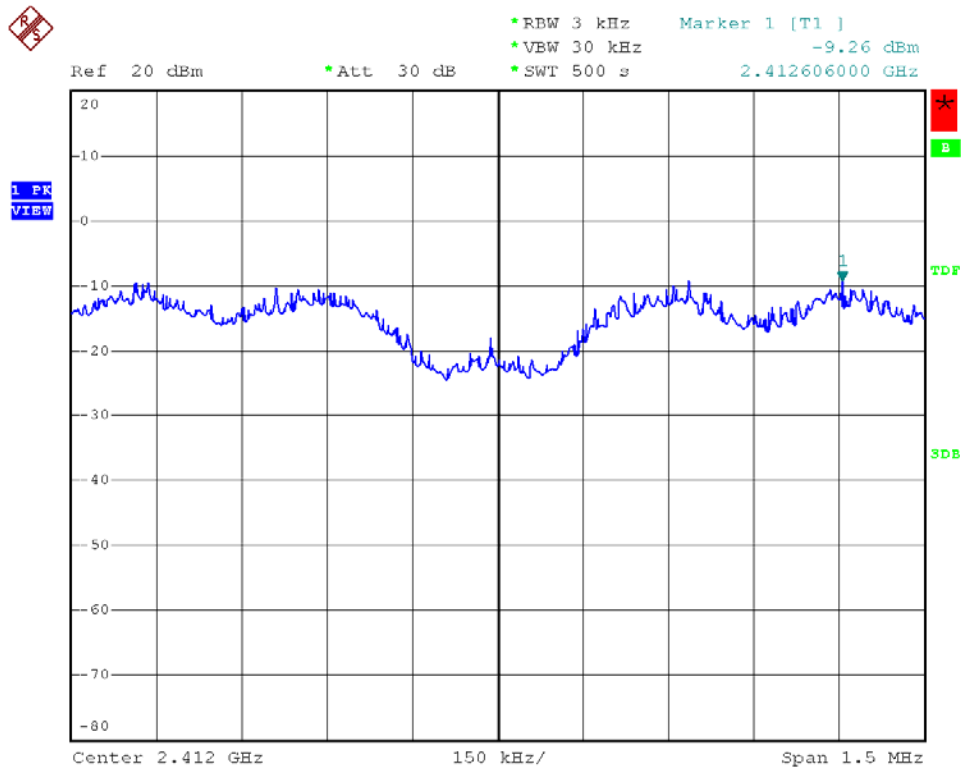




Modulation Standard: 802.11b (1Mbps)
Channel: 11

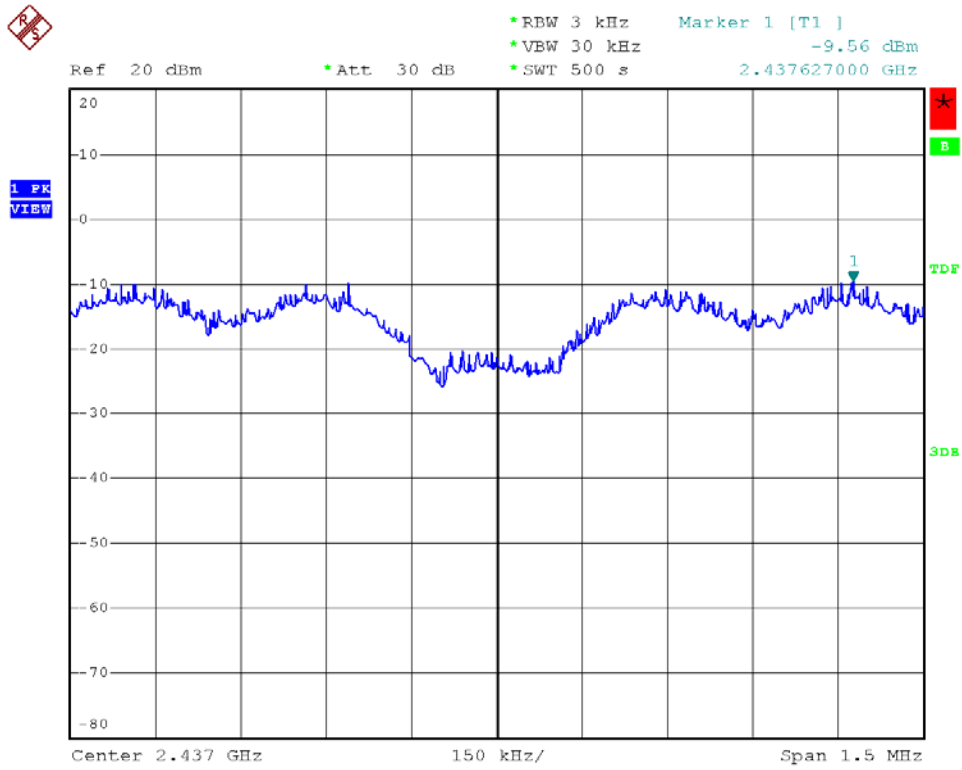


Modulation Standard: 802.11g (6Mbps)
Channel: 01

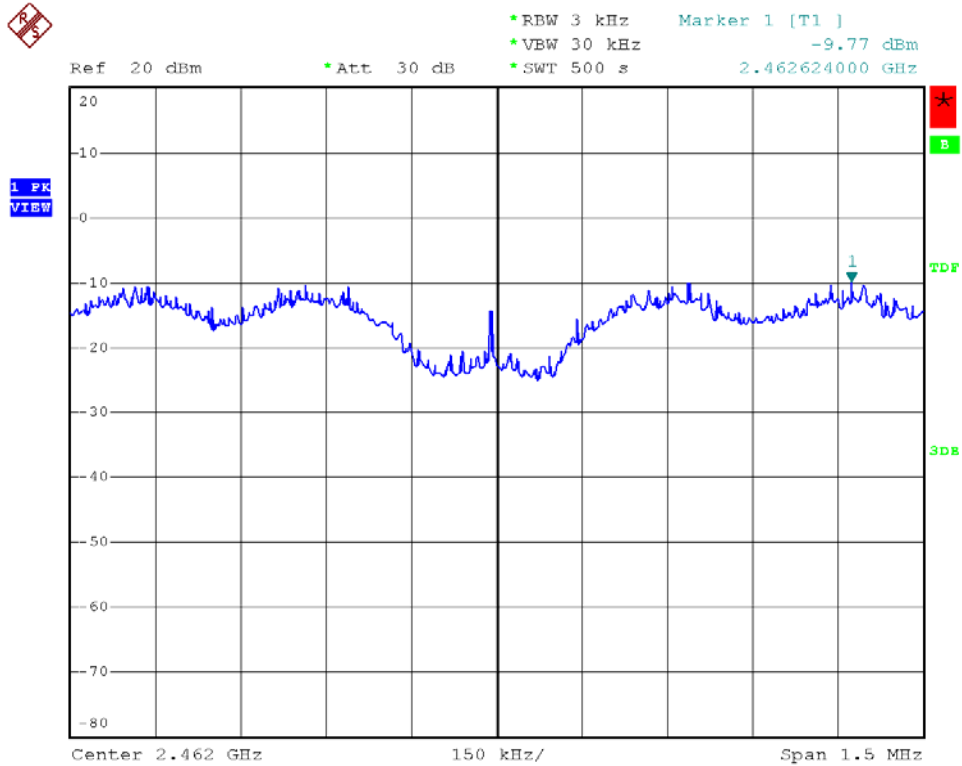




Modulation Standard: 802.11g (6Mbps)
Channel: 06



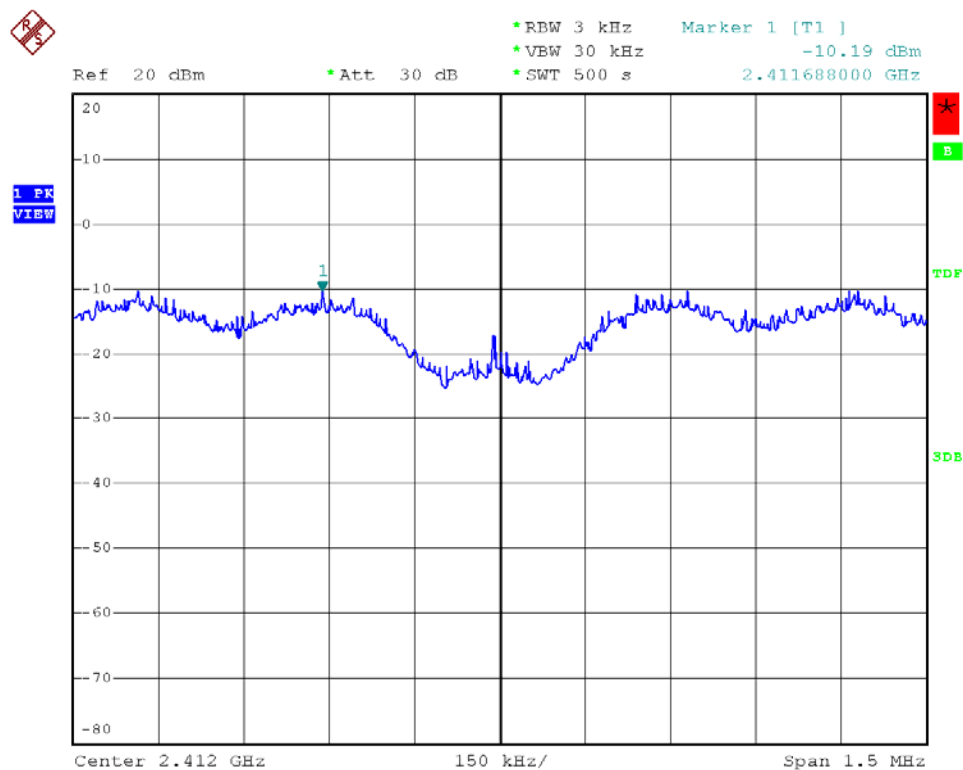
Modulation Standard: 802.11g (6Mbps)
Channel: 11





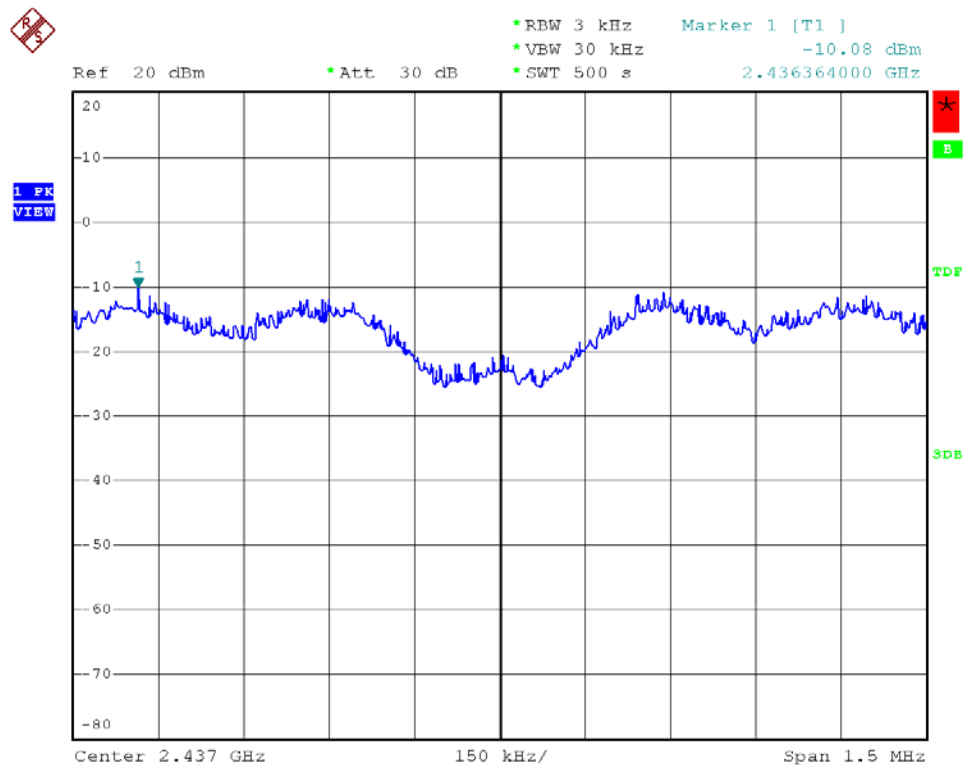
Modulation Standard: 802.11n HT20 (6.5Mbps)

Channel: 01



Modulation Standard: 802.11n HT20 (6.5Mbps)

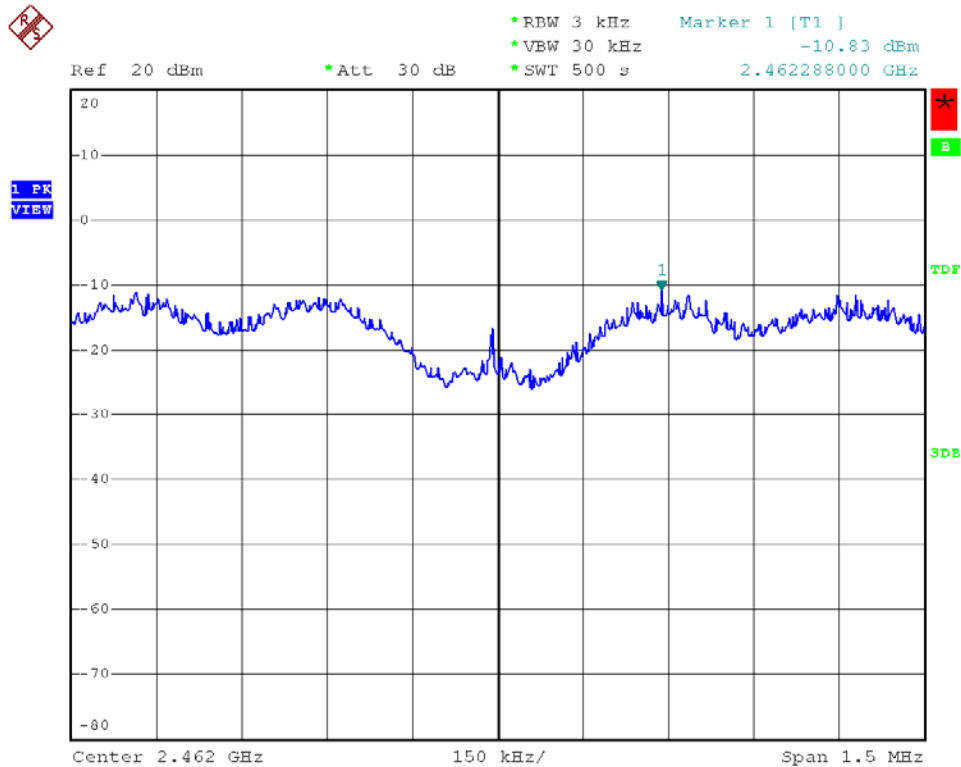
Channel: 06





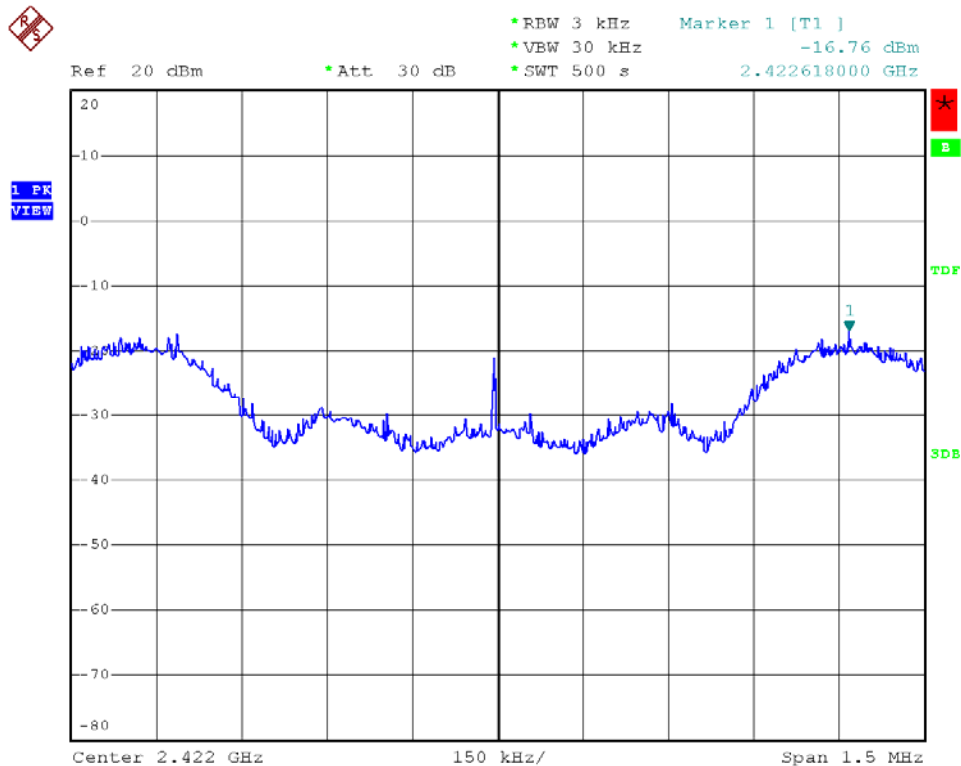
Modulation Standard: 802.11n HT20 (6.5Mbps)

Channel: 11



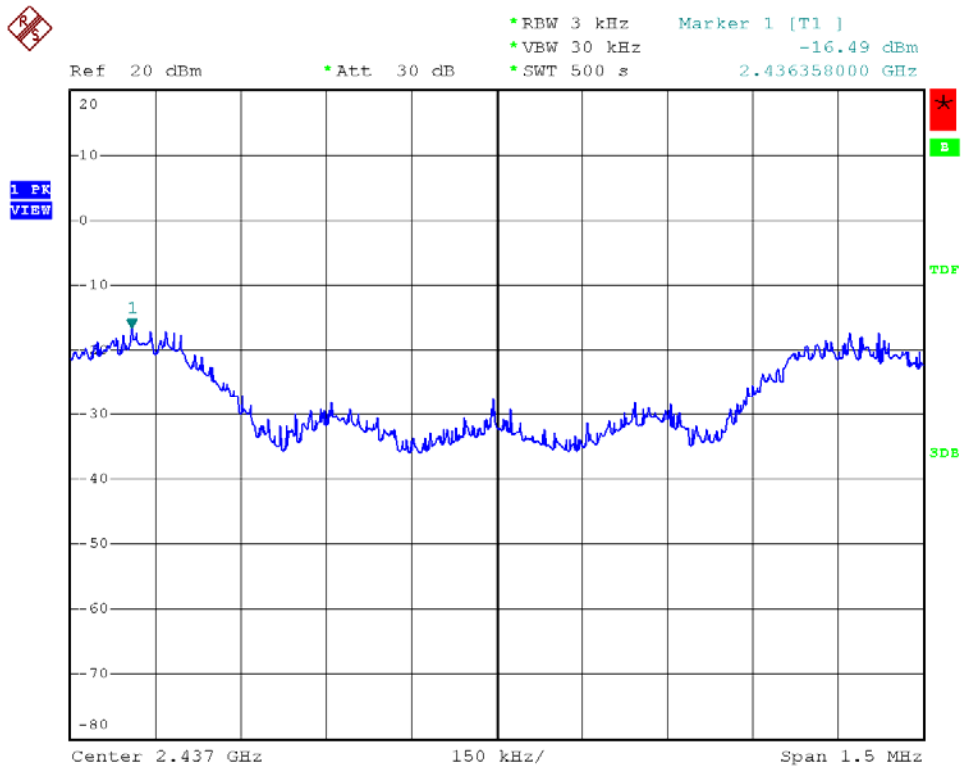
Modulation Standard: 802.11n HT40 (13.5Mbps)

Channel: 03

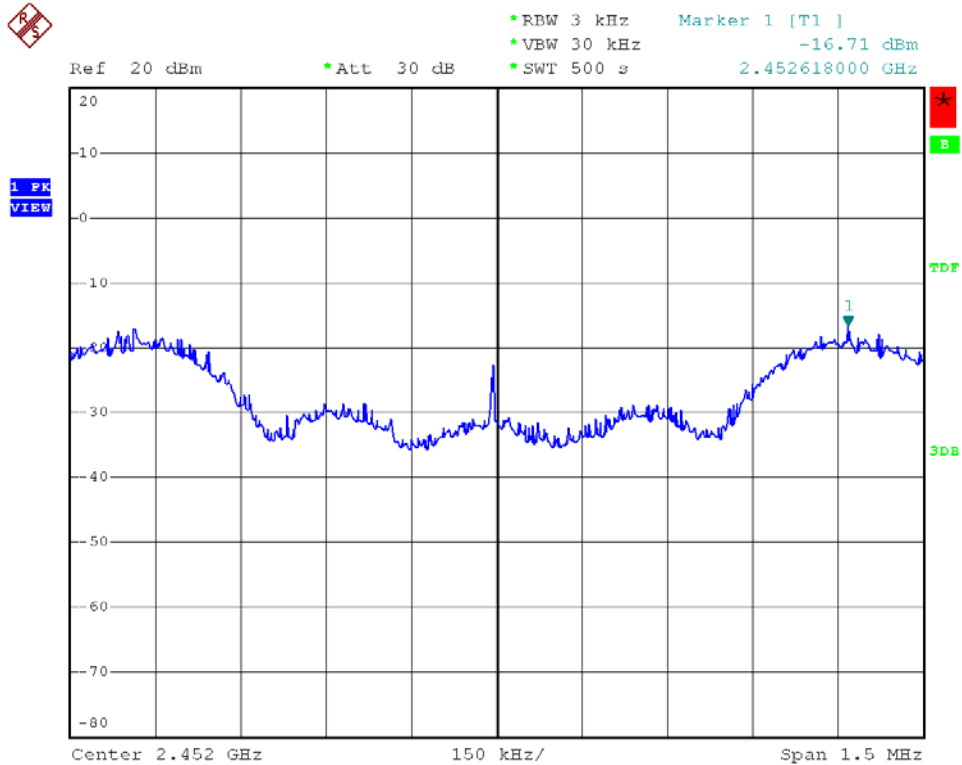




Modulation Standard: 802.11n HT40 (13.5Mbps)
Channel: 06



Modulation Standard: 802.11n HT40 (13.5Mbps)
Channel: 09





9. Band Edges Measurement

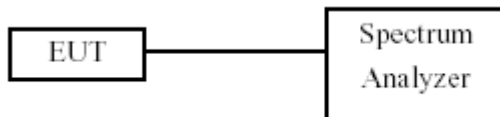
9.1 Test Limit

Below -20dB of the highest emission level of operating band (In 100 kHz Resolution Bandwidth)

9.2 Test Procedure

- The transmitter output was connected to the spectrum analyzer via a low lose cable.
- Set both RBW and VBW of spectrum analyzer to 100 KHz with convenient frequency span including 100 KHz bandwidth from band edge.
- The band edges was measured and recorded.

9.3 Test Setup Layout



9.4 Measurement Equipment

Instrument/Ancillary	Manufacturer	Model No.	Serial No.	Calibration Date	Valid Date
Spectrum Analyzer	R&S	FSP40	100047	2011/05/05	2012/05/04

9.5 Test Result and Data

Test Date: Aug. 23, 2011

Temperature: 25°C

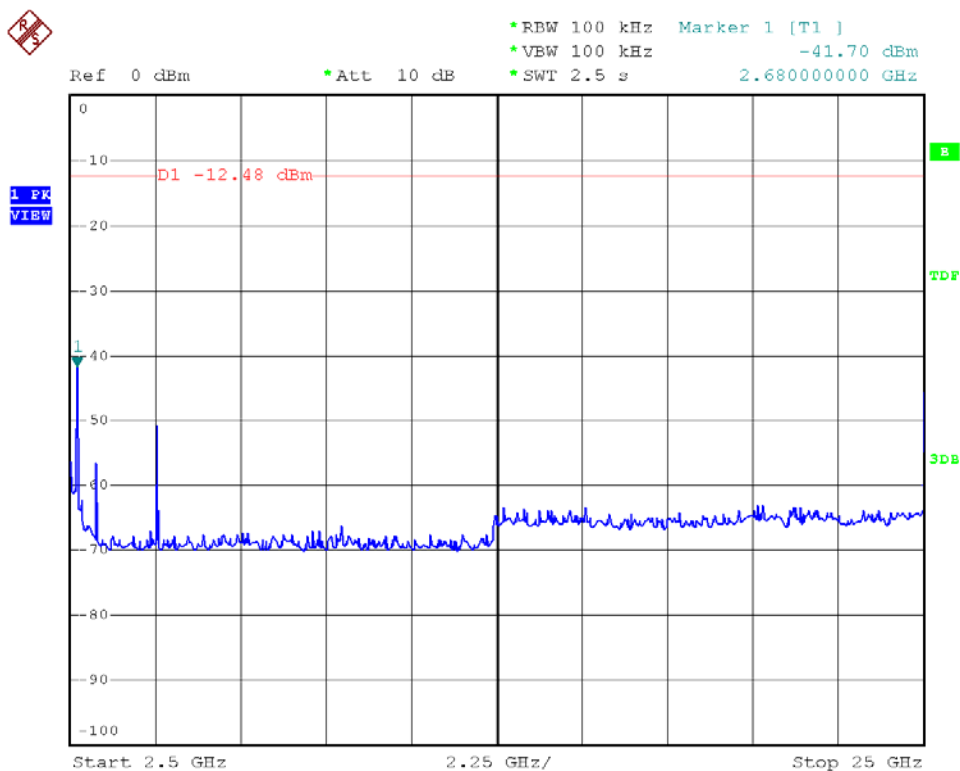
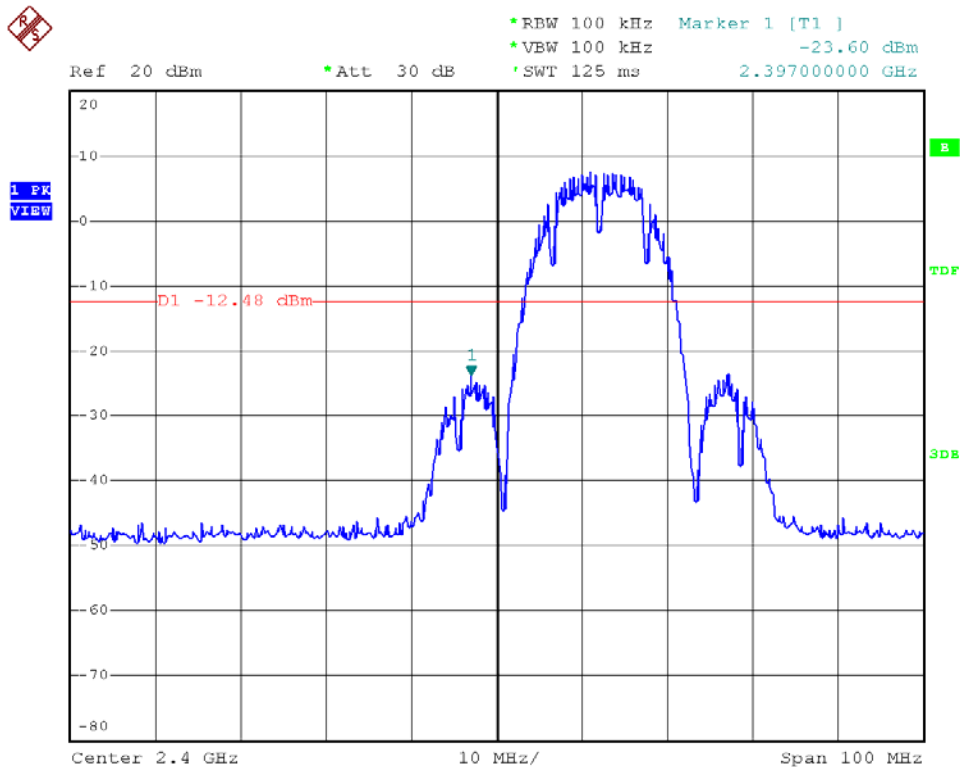
Atmospheric pressure: 1005 hPa

Humidity: 50%

Modulation Standard	Channel	Frequency (MHz)	maximum value in frequency (MHz)	maximum value (dBm)
802.11b (1Mbps)	01	2412	2397.00	-23.60
	11	2462	2680.00	-41.70
802.11g (6Mbps)	01	2412	2399.80	-25.10
	11	2462	2484.10	-39.08
802.11n HT20 (6.5Mbps)	01	2412	2399.60	-24.65
	11	2462	2483.70	-37.99
802.11n HT40 (13.5Mbps)	03	2422	2399.80	-31.14
	09	2452	2484.50	-36.77

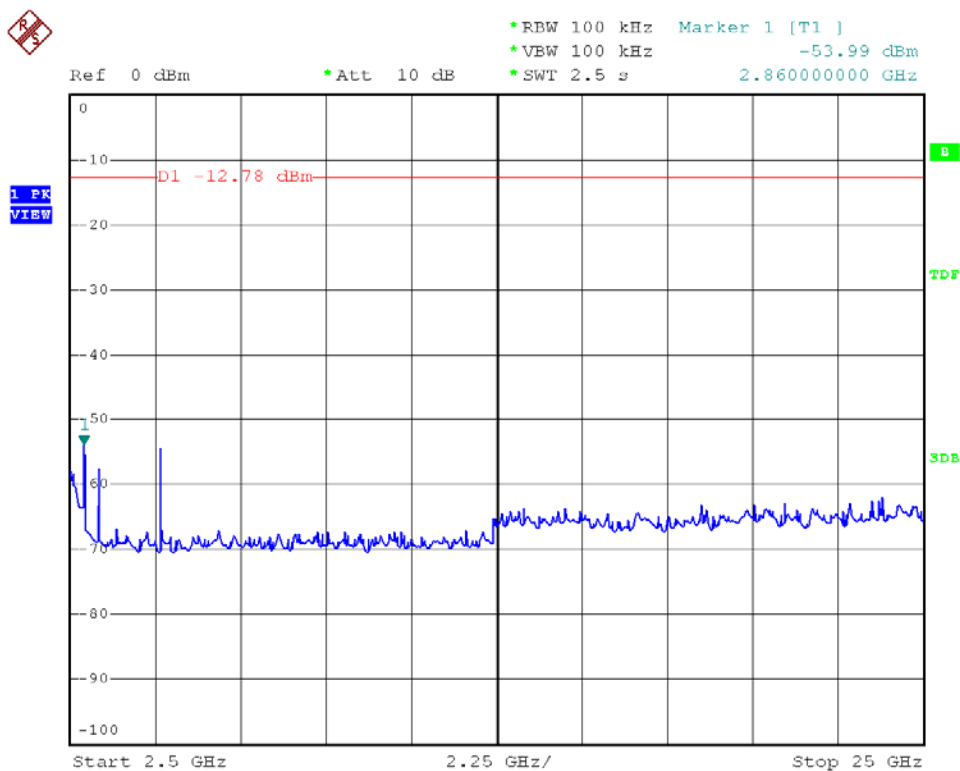
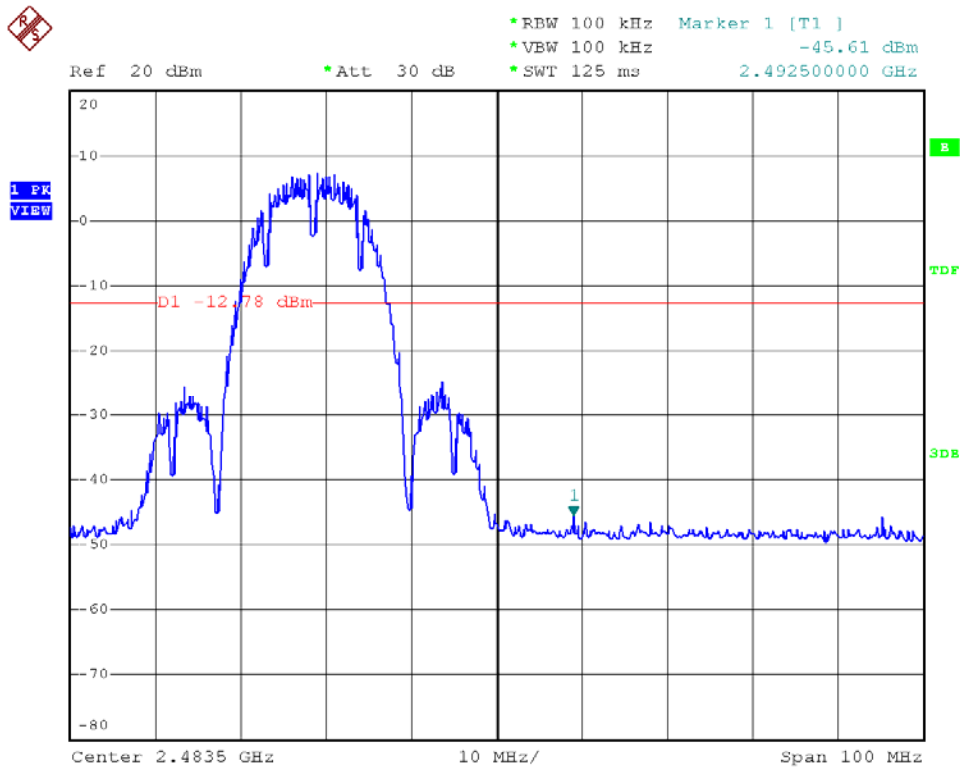


Modulation Standard: 802.11b (1Mbps)
Channel: 01





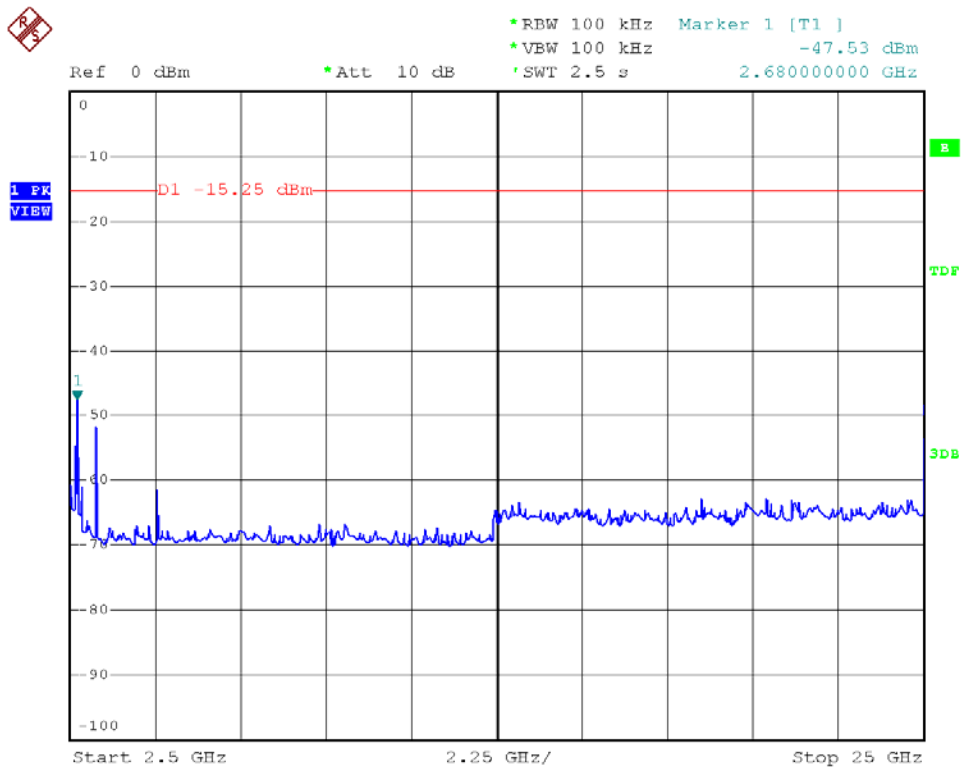
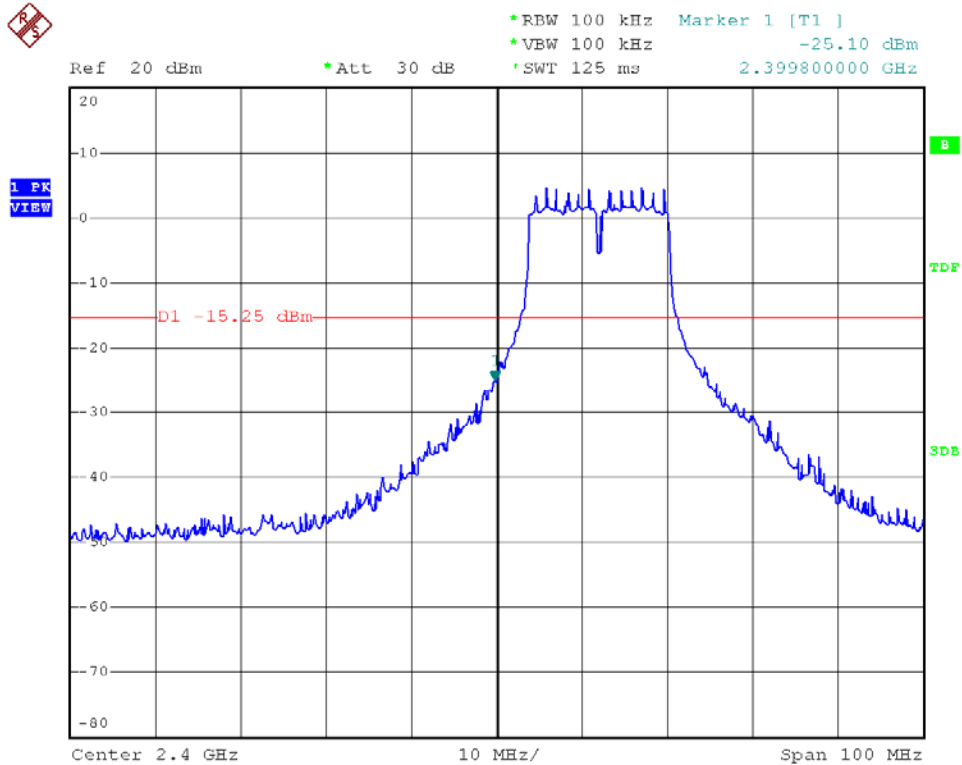
Modulation Standard: 802.11b (1Mbps)
Channel: 11





Modulation Standard: 802.11g (6Mbps)

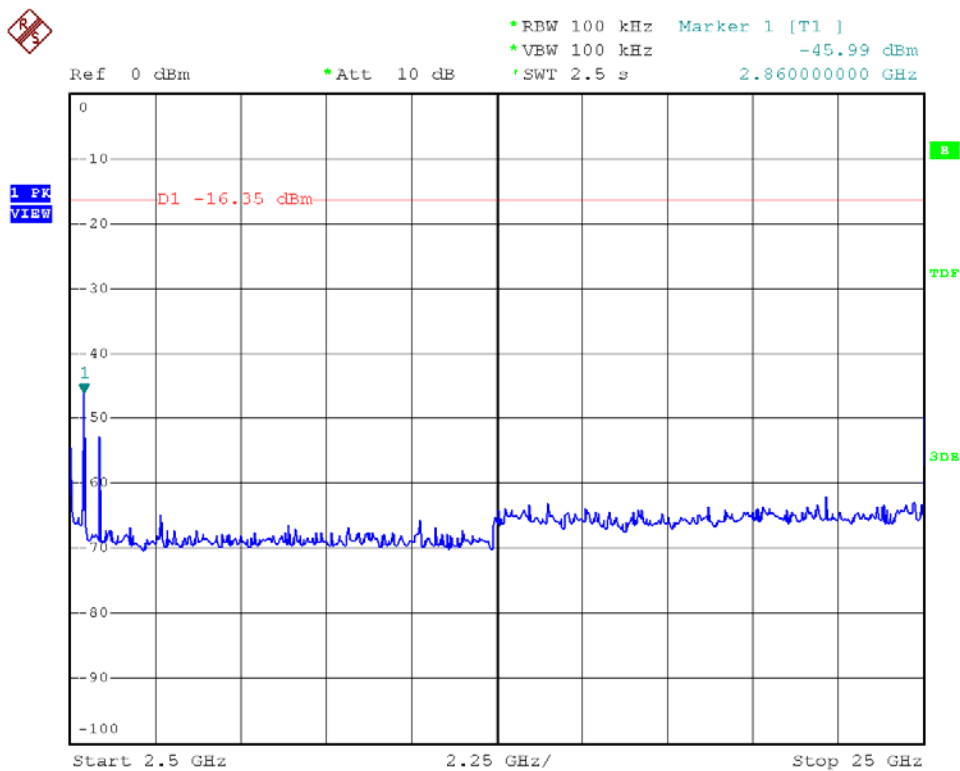
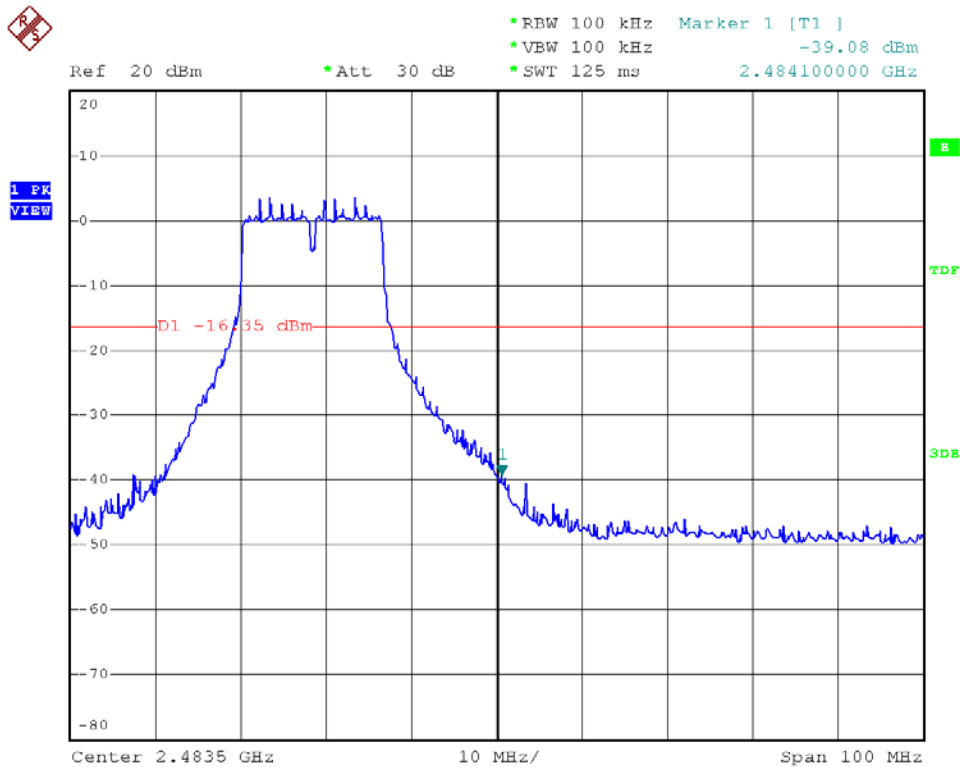
Channel: 01





Modulation Standard: 802.11g (6Mbps)

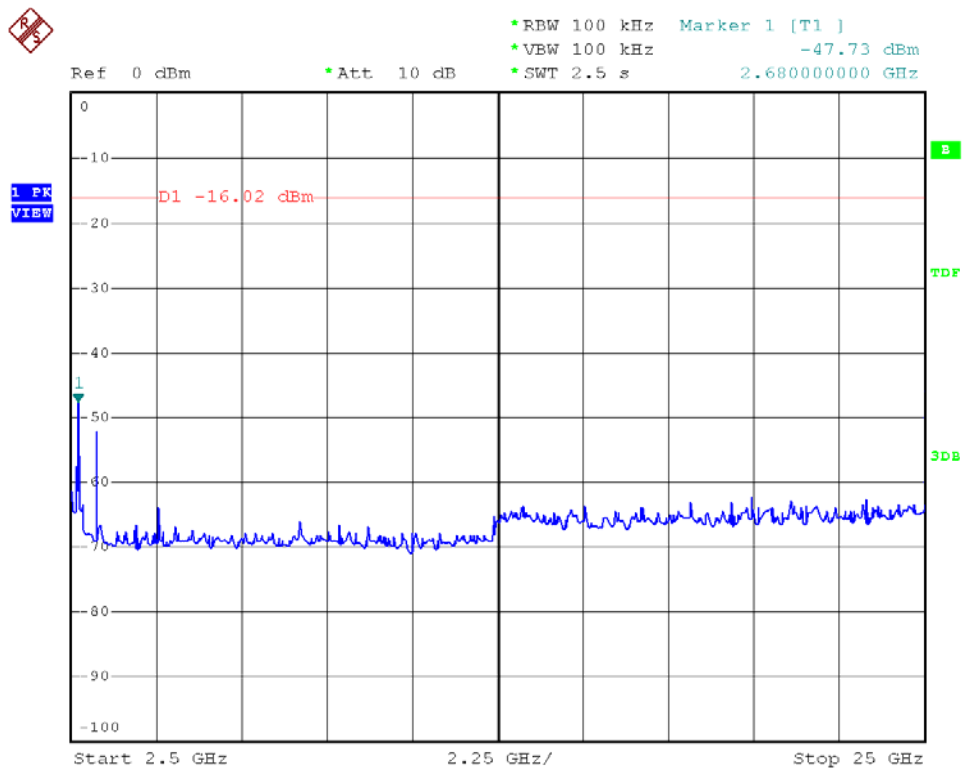
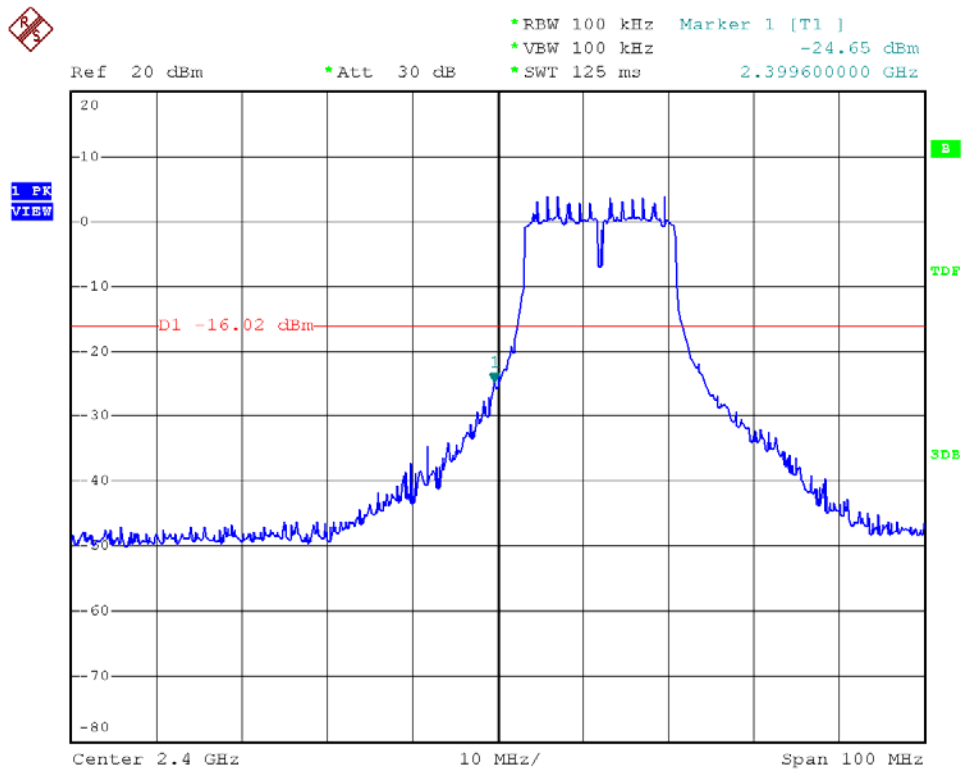
Channel: 11





Modulation Standard: 802.11n HT20 (6.5Mbps)

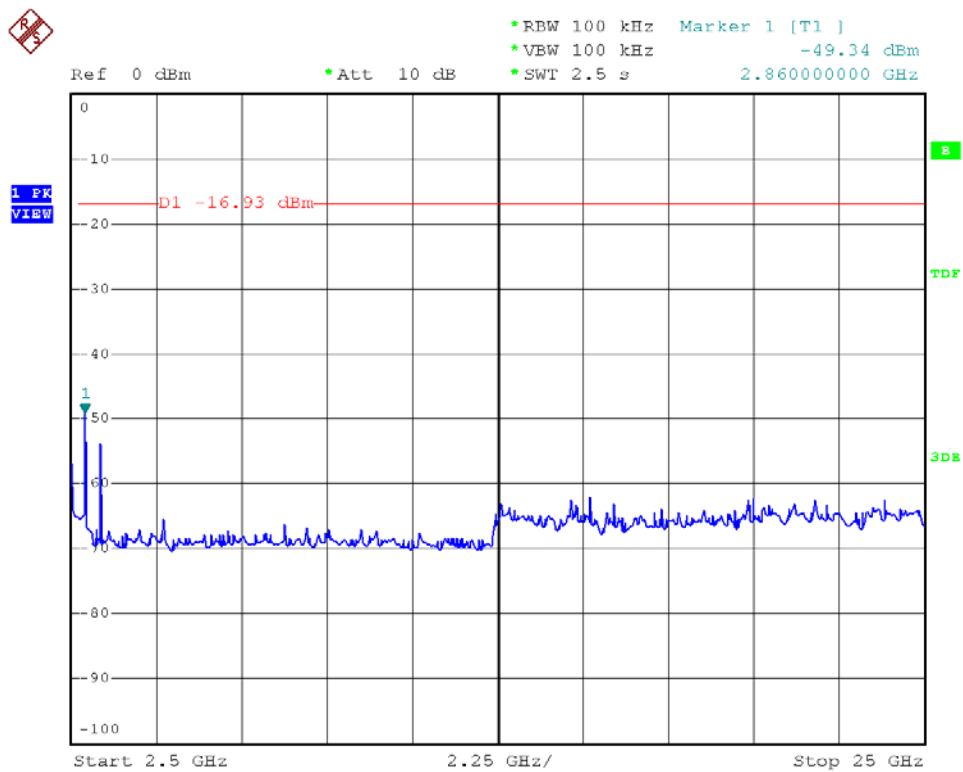
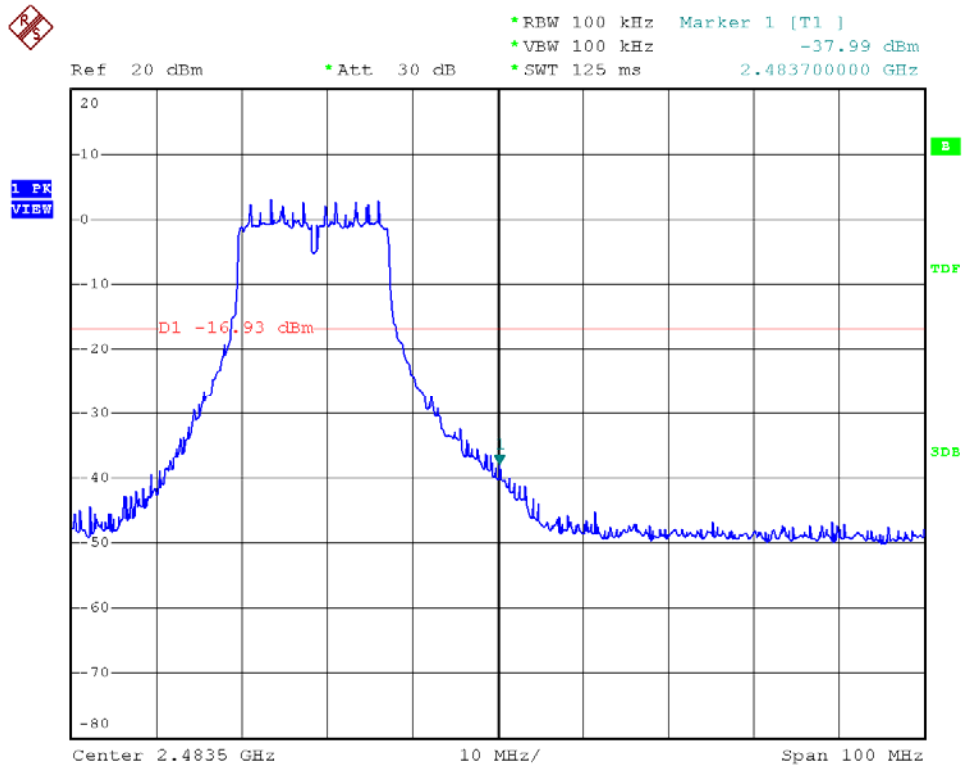
Channel: 01





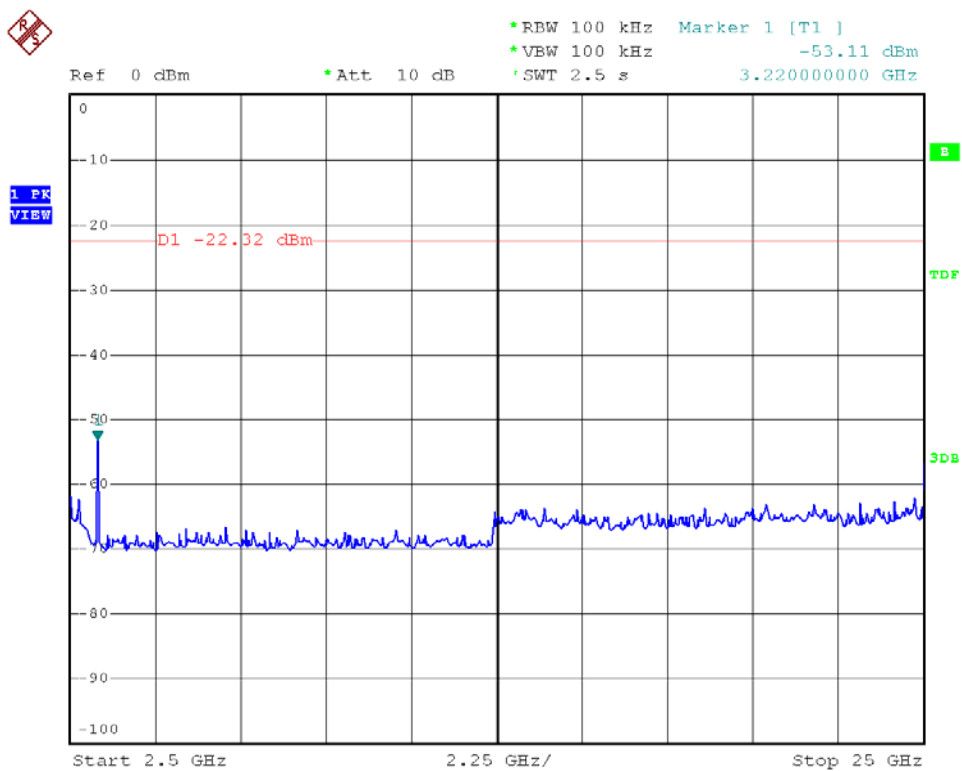
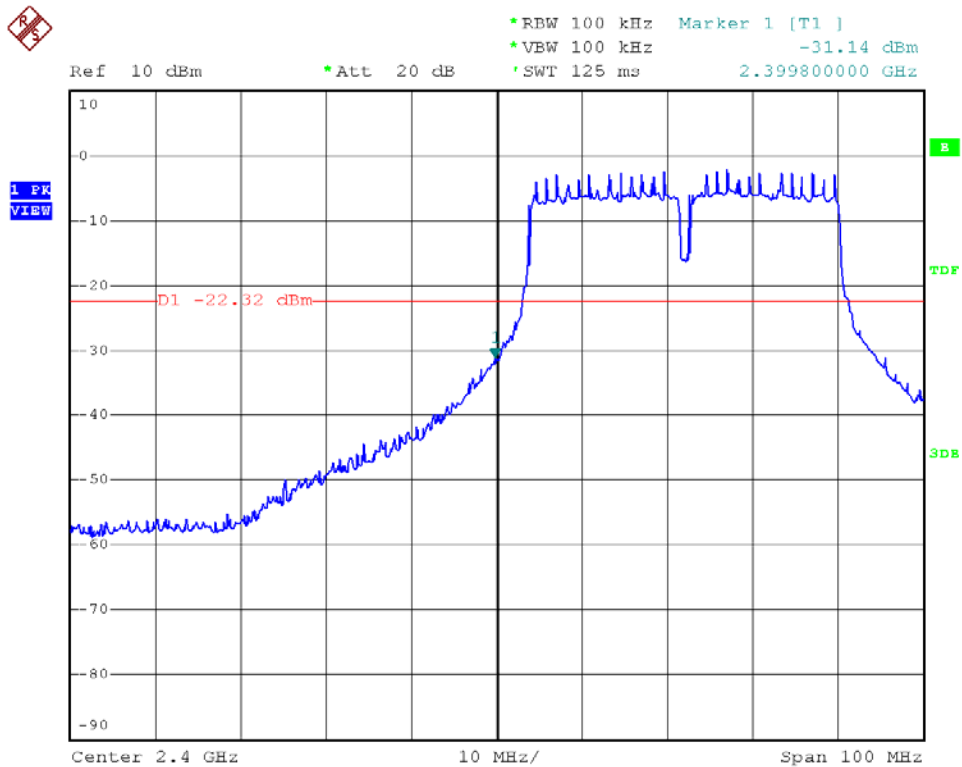
Modulation Standard: 802.11n HT20 (6.5Mbps)

Channel: 11



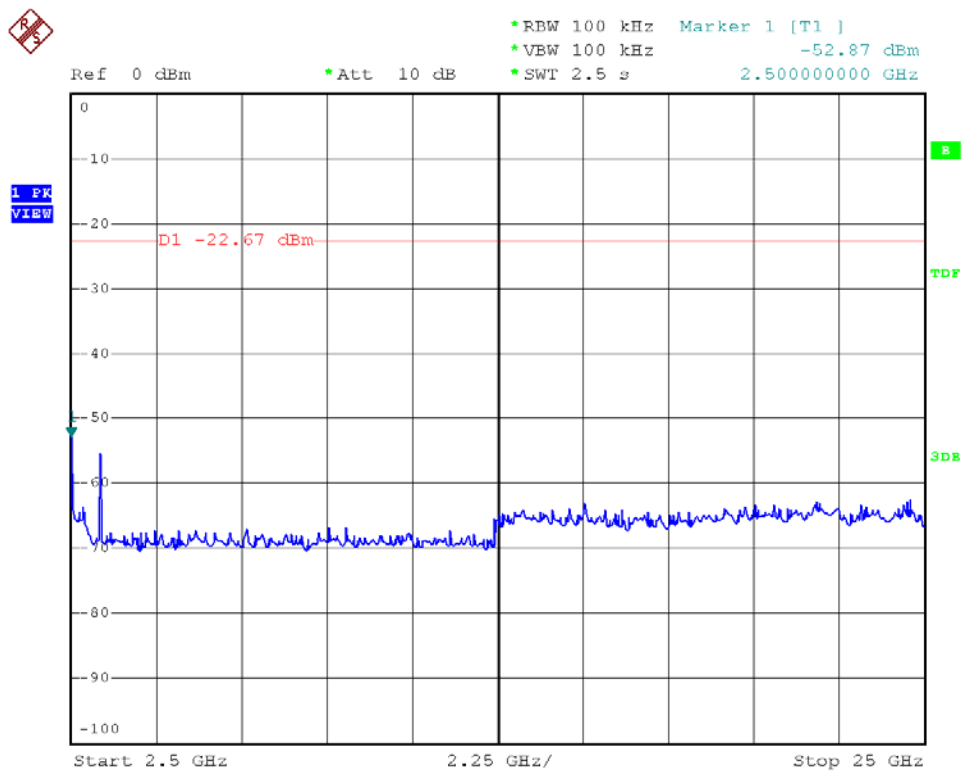
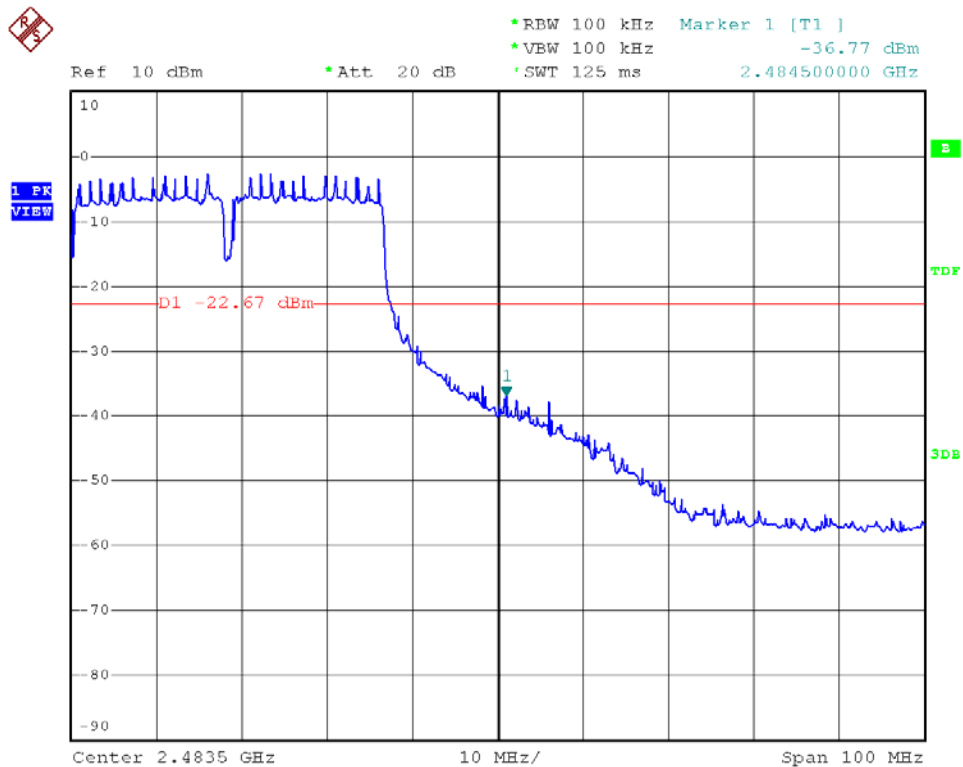


Modulation Standard: 802.11n HT40 (13.5Mbps)
Channel: 03





Modulation Standard: 802.11n HT40 (13.5Mbps)
Channel: 09





9.6 Restrict Band Emission Measurement Data

Test Date: Oct. 06, 2011

Temperature: 23°C

Atmospheric pressure: 1020 hPa

Humidity: 65%

Modulation Standard: IEEE 802.11b (1Mbps), Adapter: FSP036-RAC

Channel 1						Fundamental Frequency: 2412 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2324.08	H	49.11	1.73	50.84	Peak	74	54	-23.16	0	1.0
---	H	---	---	---	Ave	74	54	---	---	---
2382.42	V	47.35	2.19	49.54	Peak	74	54	-24.46	360	1.0
---	V	---	---	---	Ave	74	54	---	---	---
Channel 11						Fundamental Frequency: 2462 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2491.94	H	49.03	-0.03	49.00	Peak	74	54	-25.00	0	1.0
---	H	---	---	---	Ave	74	54	---	---	---
2491.45	V	49.98	-2.97	47.01	Peak	74	54	-26.99	287	1.0
---	V	---	---	---	Ave	74	54	---	---	---

Modulation Standard: IEEE 802.11g (6Mbps), Adapter: FSP036-RAC

Channel 1						Fundamental Frequency: 2412 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2389.97	H	64.27	1.44	65.71	Peak	74	54	-8.29	0	1.0
2389.97	H	48.64	1.44	50.08	Ave	74	54	-3.92	360	1.0
2389.97	V	68.23	2.07	70.30	Peak	74	54	-3.70	0	1.0
2389.97	V	47.97	2.07	50.04	Ave	74	54	-3.96	243	1.0
Channel 11						Fundamental Frequency: 2462 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2483.74	H	64.08	0.10	64.18	Peak	74	54	-9.82	73	1.0
2483.74	H	45.04	0.10	45.14	Ave	74	54	-8.86	20	1.0
2483.66	V	66.05	-2.55	63.50	Peak	74	54	-10.50	0	1.0
2483.66	V	45.94	-2.55	43.39	Ave	74	54	-10.61	360	1.0



Modulation Standard: IEEE 802.11n HT20 (6.5Mbps), Adapter: FSP036-RAC

Channel 1						Fundamental Frequency: 2412 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2389.97	H	66.04	1.44	67.84	Peak	74	54	-6.16	0	1.0
2389.97	H	48.94	1.44	50.18	Ave	74	54	-3.62	360	1.0
2389.97	V	62.78	2.07	64.85	Peak	74	54	-9.15	101	1.0
2389.97	V	48.67	2.07	50.74	Ave	74	54	-3.26	360	1.0
Channel 11						Fundamental Frequency: 2462 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2483.85	H	61.99	0.10	62.09	Peak	74	54	-11.91	0	1.0
2483.85	H	42.52	0.10	42.62	Ave	74	54	-11.38	360	1.0
2483.66	V	64.21	-2.55	61.66	Peak	74	54	-12.34	0	1.0
2483.66	V	44.90	-2.55	42.35	Ave	74	54	-11.65	360	1.0

Modulation Standard: IEEE 802.11n HT40 (13.5Mbps), Adapter: FSP036-RAC

Channel 3						Fundamental Frequency: 2422 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2389.05	H	65.95	1.44	67.39	Peak	74	54	-6.61	0	1.0
2389.05	H	49.46	1.44	50.90	Ave	74	54	-3.10	360	1.0
2389.56	V	66.56	2.08	68.64	Peak	74	54	-5.36	0	1.0
2389.56	V	48.02	2.08	50.10	Ave	74	54	-3.90	360	1.0
Channel 9						Fundamental Frequency: 2452 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2484.99	H	62.32	0.08	62.40	Peak	74	54	-11.60	0	1.0
2484.99	H	44.46	0.08	44.54	Ave	74	54	-9.46	0	1.0
2484.80	V	62.39	-2.61	59.78	Peak	74	54	-14.22	0	1.0
2484.80	V	45.44	-2.61	42.83	Ave	74	54	-11.17	360	1.0

Notes:

1. Result = Meter Reading + Factor
2. Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10 MHz for Average detection at frequency above 1GHz.



Test Date: Aug. 26, 2011

Temperature: 23°C

Atmospheric pressure: 1020 hPa

Humidity: 65%

Modulation Standard: IEEE 802.11b (1Mbps), Adapter: ADP-36EH C

Channel 1						Fundamental Frequency: 2412 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2364.06	H	49.35	-0.61	48.74	Peak	74	54	-25.26	360	1.0
---	H	---	---	---	Ave	74	54	---	---	---
2389.76	V	49.82	-0.52	49.30	Peak	74	54	-24.70	147	1.0
---	V	---	---	---	Ave	74	54	---	---	---
Channel 11						Fundamental Frequency: 2462 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2490.20	H	50.40	-0.17	50.23	Peak	74	54	-23.77	0	1.0
---	H	---	---	---	Ave	74	54	---	---	---
2490.80	V	50.38	-0.17	50.21	Peak	74	54	-23.79	343	1.0
---	V	---	---	---	Ave	74	54	---	---	---

Modulation Standard: IEEE 802.11g (6Mbps), Adapter: ADP-36EH C

Channel 1						Fundamental Frequency: 2412 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2389.76	H	64.22	-0.52	63.70	Peak	74	54	-10.30	0	1.0
2389.76	H	45.27	-0.52	44.75	Ave	74	54	-9.25	0	1.0
2388.74	V	69.14	-0.52	68.62	Peak	74	54	-5.38	360	1.0
2388.74	V	49.84	-0.52	49.32	Ave	74	54	-4.68	360	1.0
Channel 11						Fundamental Frequency: 2462 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2483.66	H	60.15	-0.19	59.96	Peak	74	54	-14.04	0	1.0
2483.66	H	41.12	-0.19	40.93	Ave	74	54	-13.07	360	1.0
2483.85	V	65.39	-0.19	65.20	Peak	74	54	-8.80	0	1.0
2483.85	V	44.65	-0.19	44.46	Ave	74	54	-9.54	360	1.0



Modulation Standard: IEEE 802.11n HT20 (6.5Mbps), Adapter: ADP-36EH C

Channel 1						Fundamental Frequency: 2412 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2389.76	H	63.57	-0.52	63.05	Peak	74	54	-10.95	0	1.0
2389.76	H	46.35	-0.52	45.83	Ave	74	54	-8.17	360	1.0
2389.04	V	68.07	-0.52	67.55	Peak	74	54	-6.45	0	1.0
2389.04	V	49.32	-0.52	48.80	Ave	74	54	-5.20	360	1.0
Channel 11						Fundamental Frequency: 2462 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2483.96	H	58.85	-0.19	58.66	Peak	74	54	-15.34	0	1.0
2483.96	H	41.48	-0.19	41.48	Ave	74	54	-12.71	0	1.0
2483.58	V	65.03	-0.19	64.84	Peak	74	54	-9.16	0	1.0
2483.58	V	45.12	-0.19	44.93	Ave	74	54	-9.07	173	1.0

Modulation Standard: IEEE 802.11n HT40 (13.5Mbps), Adapter: ADP-36EH C

Channel 3						Fundamental Frequency: 2422 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2388.85	H	60.29	-0.52	59.77	Peak	74	54	-14.23	360	1.0
2388.85	H	43.73	-0.52	43.21	Ave	74	54	-10.79	315	1.0
2388.54	V	63.45	-0.52	62.93	Peak	74	54	-11.07	360	1.0
2388.54	V	49.30	-0.52	48.78	Ave	74	54	-5.22	87	1.0
Channel 9						Fundamental Frequency: 2452 MHz				
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result (dBuV/m)	Remark	Limit (dBuV/m)		Margin (dB)	Table Deg.	Ant High (m)
						Peak	Ave			
2485.75	H	54.26	-0.19	54.07	Peak	74	54	-19.93	0	1.0
2485.75	H	39.70	-0.19	39.51	Ave	74	54	-14.49	360	1.0
2484.88	V	60.25	-0.19	60.06	Peak	74	54	-13.94	0	1.0
2484.88	V	42.56	-0.19	42.37	Ave	74	54	-11.63	360	1.0

Notes:

1. Result = Meter Reading + Factor
2. Factor = Antenna Factor + Cable Loss – Amplifier
3. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3 MHz for Peak detection at frequency above 1GHz.
4. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10 MHz for Average detection at frequency above 1GHz.



10. Restricted Bands of Operation

Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.09000 – 0.11000	16.42000 – 16.42300	399.9 – 410.0	4.500 – 5.250
0.49500 – 0.505**	16.69475 – 16.69525	608.0 – 614.0	5.350 – 5.460
2.17350 – 2.19050	16.80425 – 16.80475	960.0 – 1240.0	7.250 – 7.750
4.12500 – 4.12800	25.50000 – 25.67000	1300.0 – 1427.0	8.025 – 8.500
4.17725 – 4.17775	37.50000 – 38.25000	1435.0 – 1626.5	9.000 – 9.200
4.20725 – 4.20775	73.00000 – 74.60000	1645.5 – 1646.5	9.300 – 9.500
6.21500 – 6.21800	74.80000 – 75.20000	1660.0 – 1710.0	10.600 – 12.700
6.26775 – 6.26825	108.00000 – 121.94000	1718.8 – 1722.2	13.250 – 13.400
6.31175 – 6.31225	123.00000 – 138.00000	2200.0 – 2300.0	14.470 – 14.500
8.29100 – 8.29400	149.90000 – 150.05000	2310.0 – 2390.0	15.350 – 16.200
8.36200 – 8.36600	156.52475 – 156.52525	2483.5 – 2500.0	17.700 – 21.400
8.37625 – 8.38675	156.70000 – 156.90000	2655.0 – 2900.0	22.010 – 23.120
8.41425 – 8.41475	162.01250 – 167.17000	3260.0 – 3267.0	23.600 – 24.000
12.29000 – 12.29300	167.72000 – 173.20000	3332.0 – 3339.0	31.200 – 31.800
12.51975 – 12.52025	240.00000 – 285.00000	3345.8 – 3358.0	36.430 – 36.500
12.57675 – 12.57725	322.00000 – 335.40000	3600.0 – 4400.0	Above 38.6
13.36000 – 13.41000			

** : Until February 1, 1999, this restricted band shall be 0.490-0.510 MHz

10.1 Labeling Requirement

The device shall bear the following statement in a conspicuous location on the device:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.