

FCC TEST REPORT

according to

FCC Rules and Regulations

Part 15 Subpart C

Applicant	:	NETGEAR, INC.
Address	:	4500 GREAT AMERICA PARKWAY, SANTA CLARA, CA 95054 U.S.A.
Equipment	:	Prosafe 802.11n Dual Band Wireless Access Point
Model No.	:	WNDAP330
FCC ID	:	PY307400077
Trade Name	:	NETGEAR

Laboratory Accreditation



- The test result refers exclusively to the test presented test model / sample.,
- Without written approval of **Exclusive Certification 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.

Contents

1.	Report of Measurements and Examinations	5
1.1	List of Measurements and Examinations	5
2.	Test Configuration of Equipment under Test	6
2.1	Feature of Equipment under Test.....	6
2.2	RF Specifications	6
2.3	Test Mode and Test Software.....	7
2.4	Description of Test System.....	9
2.5	Carrier Frequency of Channels.....	9
2.6	Connection Diagram of Test System.....	10
2.7	General Information of Test.....	12
2.8	History of this test report	13
3.	Antenna Requirements	14
3.1	Standard Applicable	14
3.2	Antenna Construction and Directional Gain.....	14
4.	Test of Conducted Emission (For 802.11b/g device)	15
4.1	Test Limit	15
4.2	Test Procedures	15
4.3	Typical Test Setup	16
4.4	Measurement equipment	16
4.5	Test Result and Data.....	17
4.6	Test Photographs	37
5.	Test of Radiated Emission (For 802.11b/g device)	38
5.1	Test Limit	38
5.2	Test Procedures	39
5.3	Typical Test Setup	39
5.4	Measurement equipment	39
5.5	Test Result and Data.....	40
5.6	Test Photographs	208
6.	6dB Bandwidth Measurement Data (For 802.11b/g device)	210
6.1	Test Limit	210
6.2	Test Procedures	210
6.3	Test Setup Layout	210
6.4	Measurement equipment	210
6.5	Test Result and Data.....	210
7.	Maximum Peak Output Power (For 802.11b/g device)	236
7.1	Test Limit	236
7.2	Test Procedures	236
7.3	Test Setup Layout	236
7.4	List of Measuring Equipment Used.....	236
7.5	Test Result and Data.....	236
8.	Band Edges Measurement (For 802.11b/g device)	262
8.1	Test Limit	262
8.2	Test Procedure :	262
8.3	Test Setup Layout	262
8.4	List of Measuring Equipment Used.....	262
8.5	Test Result and Data.....	262
8.6	Restrict band emission Measurement Data.....	296

9. Power Spectral Density (For 802.11b/g device)	305
9.1 Test Limit	305
9.2 Test Procedures	305
9.3 Test Setup Layout :	305
9.4 List of Measuring Equipment Used	305
9.5 Test Result and Data	305
10. Test of Conducted Emission (For 802.11a device)	331
10.1 Test Limit.....	331
10.2 Test Procedures.....	331
10.3 Typical Test Setup	332
10.4 Measurement equipment	332
10.5 Test Result and Data	333
10.6 Photographs of Conducted Emission Test.....	353
11. Test of Radiated Emission (For 802.11a device)	354
11.1 Test Limit.....	354
11.2 Test Procedures.....	354
11.3 Typical Test Setup	355
11.4 Measurement equipment	355
11.5 Test Result and Data	356
11.6 Test Photographs	506
12. 6dB Bandwidth Measurement Data (For 802.11a device)	508
12.1 Test Limit	508
12.2 Test Procedures	508
12.3 Test Setup Layout	508
12.4 Measurement equipment	508
12.5 Test Result and Data	508
13. Maximum Peak Output Power (For 802.11a device)	530
13.1 Test Limit	530
13.2 Test Procedures	530
13.3 Test Setup Layout	530
13.4 List of Measuring Equipment Used	530
13.5 Test Result and Data	530
14. Band Edges Measurement (For 802.11a device)	552
14.1 Test Limit	552
14.2 Test Procedure :	552
14.3 Test Setup Layout	552
14.4 List of Measuring Equipment Used	552
14.5 Test Result and Data	552
15. Power Spectral Density (For 802.11a device)	580
15.1 Test Limit	580
15.2 Test Procedures	580
15.3 Test Setup Layout :	580
15.4 List of Measuring Equipment Used	580
15.5 Test Result and Data	580
16. Restricted Bands of Operation	602
16.1 Labeling Requirement	602
Appendix A. Photographs of EUT	A1 ~ A12

CERTIFICATE OF COMPLIANCE

according to

FCC Rules and Regulations

Part 15 Subpart C

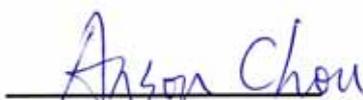
Applicant	:	NETGEAR, INC.
Address	:	4500 GREAT AMERICA PARKWAY, SANTA CLARA, CA 95054 U.S.A.
Equipment	:	Prosafe 802.11n Dual Band Wireless Access Point
Model No.	:	WNDAP330
FCC ID	:	PY307400077

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 (2007)**.

The test was carried out on May. 08, 2008 at **Exclusive Certification Corp.**

Signature


Anson Chou / 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
15.247(d)	. Radiated Emission	Pass
15.247(a)(2)	. 6dB Bandwidth	Pass
15.247(b)(3)	. 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

- Platform includes 1 LAN + 1 Console port + I/O switch (back panel)
- PCB design includes 1 port Giga PHY and 2 ports Mini-PCI socket (Atheros MB82 11a/b/g/n dual-band Mini-PCI x 1 pcs)
- CPU core is CN3010-300MHz
- External power supply or POE power supply
- Flash ROM supports 128Mbit (16MByte)
- DDR2 -533 SDRAM supports 512Mbit x2 (128MByte)

2.2 RF Specifications

Type of Modulation	802.11b: DSSS (CCK, DQPSK, DBPSK) 802.11g: OFDM (64-QAM, 16-QAM, QPSK, BPSK) 802.11a: OFDM (64-QAM, 16-QAM, QPSK, BPSK) 802.11n draft 2.0: OFDM (64-QAM, 16-QAM, QPSK, BPSK)
Data Rate	802.11b (11, 5.5, 2, 1 Mbps) 802.11g (54, 48, 36, 24, 18, 12, 9, 6 Mbps) 802.11a (54, 48, 36, 24, 18, 12, 9, 6 Mbps) 802.11n draft 2.0 (300, 246, 140, 108, 54, 48, 36, 24, 18, 12, 9, 6 Mbps)
Number of Channels	802.11b/g/n draft 2.0, 20MHz: USA, Canada and Taiwan: 1 ~ 11 CH (11channels) 802.11n draft 2.0, 40MHz: USA, Canada and Taiwan: 3 ~ 9 CH (7channels) 802.11a/n draft 2.0, 20MHz: USA, Canada: 36 ~ 48 CH (4 channels), 149 ~ 165 CH (5 channels) 802.11n draft 2.0, 40MHz: USA, Canada: 38 ~ 46 CH (3 channels) 151 ~ 159 CH (3 channels)
Frequency Band	FCC/IC: 2412 ~ 2462 MHz, 5150 ~ 5250 MHz, 5725 ~ 5825 MHz EU: 2412 ~ 2472 MHz, 5150 ~ 5350 MHz, 5470~ 5725 MHz
Output Power	FCC: 802.11b: 22 dBm, 802.11g: 22 dBm, 802.11gn: 26 dBm 802.11a: 17 dBm, 802.11an: 17 dBm. CE: 802.11b: 18 dBm, 802.11g: 18 dBm, 802.11gn: 18 dBm 802.11a: 18 dBm, 802.11an: 21 dBm.
Antenna Type and Gain	Antenna 1: Dipole antenna, 3 dBi (2.4GHz Band) 5 dBi (5GHz Band) Antenna 2: Patch antenna, 2 dBi (2.4GHz Band) 3 dBi (5GHz Band)

2.3 Test Mode and Test Software

- a. During testing, the interface cables and equipment positions were varied according to ANSI C63.4.
- b. The complete test system included IBM PC, Monitor, PS2 Keyboard, USB Mouse, Modem, Printer and EUT for EMI test. The remote workstation means TOSHIBA Notebook.
- c. An executive program, EMITEST.EXE under WIN XP, which generates a complete line of continuously repeating "H" pattern was used as the test software.

The program was executed as follows:

1. Turn on the power of all equipment.
 2. The PC reads the test program from the hard disk drive and runs it.
 3. The PC sends "H" messages to the monitor, and the monitor displays "H" patterns on the screen.
 4. The PC sends "H" messages to the internal Hard Disk, and the Hard Disk reads and writes the message.
 5. The PC sends "H" messages to the modem.
 6. Repeat the steps from 2 to 5.
- d. An executive program, Hyper Terminal.exe under WIN XP, which generates a continuous signal by the following frequency to test.
 - 802.11b
CH01: 2412MHz, CH06: 2437MHz, CH11: 2462MHz
 - 802.11g
CH01: 2412MHz, CH06: 2437MHz, CH11: 2462MHz
 - 802.11n, HT20
CH01: 2412MHz, CH06: 2437MHz, CH11: 2462MHz
 - 802.11n, HT40
CH03: 2422MHz, CH06: 2437MHz, CH09: 2452MHz
 - 802.11a
CH149: 5745MHz, CH157: 5785MHz, CH165: 5825MHz
 - 802.11an, HT20
CH149: 5745MHz, CH157: 5785MHz, CH165: 5825MHz
 - 802.11n, HT40
CH151: 5755MHz, CH155: 5775MHz, CH159: 5795MHz
 - e. The following test mode of 2.4GHz included three kinds of power supply, three kinds of antenna, and four kinds of modulation types:

Test Mode 1	802.11b/g (ANT-L / ANT-M / ANT-R)	MU18-2120150-C5
Test Mode 2	802.11gn, HT20 (ANT-L + ANT-R)	MU18-2120150-C5
Test Mode 3	802.11gn, HT40 (ANT-L + ANT-R)	MU18-2120150-C5
Test Mode 4	802.11gn, HT20 (ANT-L + ANT-M + ANT-R)	MU18-2120150-C5
Test Mode 5	802.11gn, HT40 (ANT-L + ANT-M + ANT-R)	MU18-2120150-C5
Test Mode 6	802.11b/g (ANT-L / ANT-M / ANT-R)	DSA-20P-10 EU 120180
Test Mode 7	802.11gn, HT20 (ANT-L + ANT-R)	DSA-20P-10 EU 120180
Test Mode 8	802.11gn, HT40 (ANT-L + ANT-R)	DSA-20P-10 EU 120180
Test Mode 9	802.11gn, HT20 (ANT-L + ANT-M + ANT-R)	DSA-20P-10 EU 120180
Test Mode 10	802.11gn, HT40 (ANT-L + ANT-M + ANT-R)	DSA-20P-10 EU 120180
Test Mode 11	802.11b/g (ANT-L / ANT-M / ANT-R)	Power by PSE
Test Mode 12	802.11gn, HT20 (ANT-L + ANT-R)	Power by PSE
Test Mode 13	802.11gn, HT40 (ANT-L + ANT-R)	Power by PSE
Test Mode 14	802.11gn, HT20 (ANT-L + ANT-M + ANT-R)	Power by PSE
Test Mode 15	802.11gn, HT40 (ANT-L + ANT-M + ANT-R)	Power by PSE

- f. For Radiated emission test, Test Mode 1 ~ 15 would be chosen to do final test.
- g. For Conducted emission test, Test Mode 1 ~ 5 would be chosen to do final test.
- h. For AC power line conducted emission test, Test Mode 1 ~ 10 would be chosen to do final test.
- i. The following test mode of 5GHz included three kinds of power supply, three kinds of antenna, and four kinds of modulation types:

Test Mode 1	802.11a (ANT-L / ANT-M / ANT-R)	MU18-2120150-C5
Test Mode 2	802.11an, HT20 (ANT-L + ANT-R)	MU18-2120150-C5
Test Mode 3	802.11an, HT40 (ANT-L + ANT-R)	MU18-2120150-C5
Test Mode 4	802.11an, HT20 (ANT-L + ANT-M + ANT-R)	MU18-2120150-C5
Test Mode 5	802.11an, HT40 (ANT-L + ANT-M + ANT-R)	MU18-2120150-C5
Test Mode 6	802.11a (ANT-L / ANT-M / ANT-R)	DSA-20P-10 EU 120180
Test Mode 7	802.11an, HT20 (ANT-L + ANT-R)	DSA-20P-10 EU 120180
Test Mode 8	802.11an, HT40 (ANT-L + ANT-R)	DSA-20P-10 EU 120180
Test Mode 9	802.11an, HT20 (ANT-L + ANT-M + ANT-R)	DSA-20P-10 EU 120180
Test Mode 10	802.11an, HT40 (ANT-L + ANT-M + ANT-R)	DSA-20P-10 EU 120180
Test Mode 11	802.11a (ANT-L / ANT-M / ANT-R)	Power by PSE
Test Mode 12	802.11an, HT20 (ANT-L + ANT-R)	Power by PSE
Test Mode 13	802.11an, HT40 (ANT-L + ANT-R)	Power by PSE
Test Mode 14	802.11an, HT20 (ANT-L + ANT-M + ANT-R)	Power by PSE
Test Mode 15	802.11an, HT40 (ANT-L + ANT-M + ANT-R)	Power by PSE

- j. For Radiated emission test, Test Mode 1 ~ 15 would be chosen to do final test.
- k. For Conducted emission test, Test Mode 1 ~ 5 would be chosen to do final test.
- l. For AC power line conducted emission test, Test Mode 1 ~ 10 would be chosen to do final test.

Notes: The device will automatically discontinue transmission, when the transmitting or operating stop.

2.4 Description of Test System

Device	Manufacturer	Model No.	Description
PC	IBM	IGV	Power Cable, Unshielding 1.8 m
Monitor	SlimAGE	510A	Power Cable, Adapter Unshielding 1.8 m Data Cable, VGA Shielding 1.35 m
Keyboard	IBM	KB-0225	Data Cable, PS2 Shielding 1.85 m
Mouse	IBM	MO28VO	Data Cable, USB Shielding 1.85 m
Modem	ACEXX	DM-1414	Power Cable, Adapter Unshielding 1.8 m Data Cable, RS232 Shielding 1.35 m
Printer	hp	Desk Jet 400	Power Cable, Adapter Unshielding 1.8 m Data Cable, PRINT Shielding 1.6 m

Use Cable:

Cable	Description
RJ45	Unshielding, 1.5m
RJ45	Unshielding, 3.0m

2.5 Carrier Frequency of Channels

802.11b, 802.11g, 802.11gn, HT20 (2412 ~ 2462MHz)

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	---	---

802.11gn, HT40 (2422 ~ 2452MHz)

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

802.11a, 802.11an, HT20 (5150 ~ 5250MHz, 5725 ~ 5825MHz)

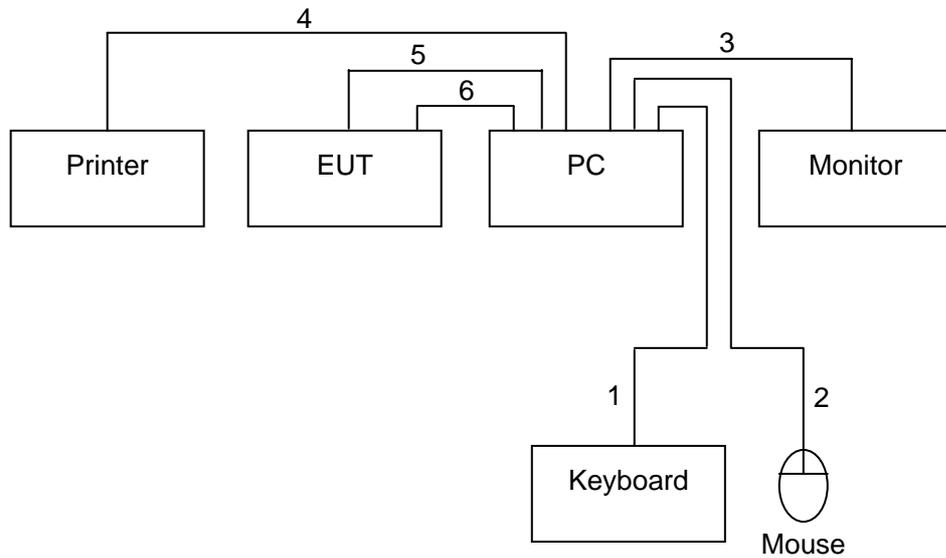
Channel	Frequency(MHz)	Channel	Frequency(MHz)
36	5180	149	5745
40	5200	153	5765
44	5220	157	5785
48	5240	161	5805
---	---	165	5825

802.11an, HT40 (5150 ~ 5250MHz, 5725 ~ 5825MHz)

Channel	Frequency(MHz)	Channel	Frequency(MHz)
38	5190	151	5755
42	5210	155	5775
46	5230	159	5795

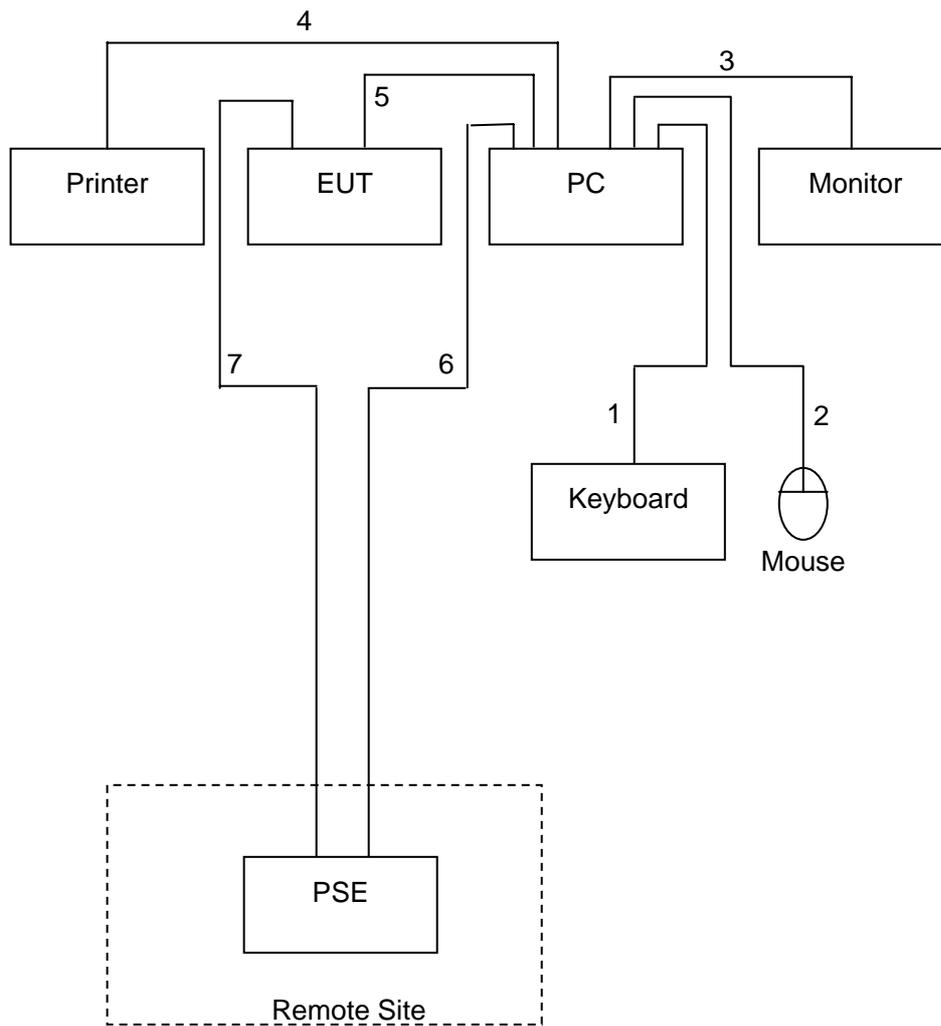
2.6 Connection Diagram of Test System

Test Mode 1, 2:



1. The PS2 cable is connected from PC to the Keyboard.
2. The USB cable is connected from PC to the Mouse.
3. The VGA cable is connected from PC to the Monitor.
4. The PRINT cable is connected from PC to the Printer.
5. The Console cable is connected from PC to the EUT.
6. The RJ45 cable is connected from PC to the EUT.

Test Mode 3:



1. The PS2 cable is connected from PC to the Keyboard.
2. The USB cable is connected from PC to the Mouse.
3. The VGA cable is connected from PC to the Monitor.
4. The PRINT cable is connected from PC to the Printer.
5. The Console cable is connected from PC to the EUT.
6. The RJ45 cable is connected from PC to the PSE.
7. The RJ45 cable is connected from EUT to the PSE.

2.7 General Information of Test

Test Site:	Exclusive Certification Corp. 4F-2, No. 28, Lane 78, Xing-Ai Rd. Nei-hu, Taipei City 114 Taiwan R.O.C.
Test Site Location (OATS1-SD):	No.68-1, Shihbachongsi, shihding Township, Taipei City 223, Taiwan, R.O.C.
FCC Registration Number :	632249
IC Registration Number :	6597A-1
VCCI Registration Number :	T-338 for Telecommunication Test C-2188 for Conducted emission test R-1902 for Radiated emission test
Test Voltage:	AC 120V/ 60Hz
Test in Compliance with:	ANSI C63.4-2003 FCC Part 15 Subpart C
Frequency Range Investigated:	Conducted: from 150kHz to 30 MHz Radiation: from 30 MHz to 40000MHz
Test Distance:	The test distance of radiated emission from antenna to EUT is 3 M.

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

ANT-L:

Antenna type: Dipole Antenna

Antenna Gain: 3 dBi for 2.4GHz, 5 dBi for 5GHz

ANT-M:

Antenna type: Patch Antenna

Antenna Gain: 2 dBi for 2.4GHz, 3 dBi for 5GHz

ANT-R:

Antenna type: Dipole Antenna

Antenna Gain: 3 dBi for 2.4GHz, 5 dBi for 5GHz

4. Test of Conducted Emission (For 802.11b/g device)

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 C63.4-2003 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.

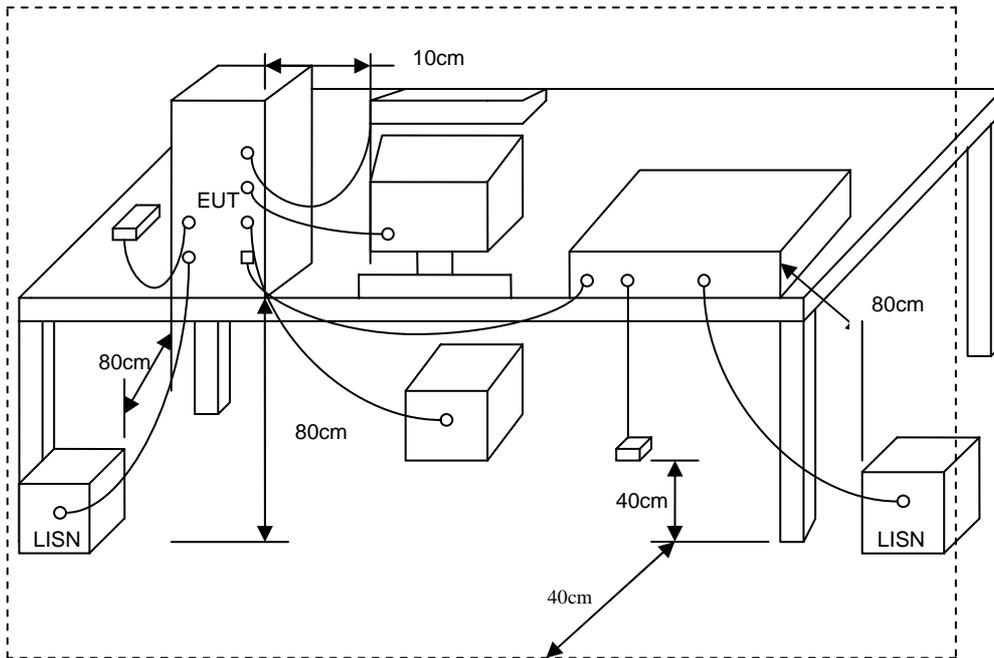
Frequency (MHz)	Quasi Peak (dB μ V)	Average (dB μ V)
0.15 – 0.5	66-56*	56-46*
0.5 – 5.0	56	46
5.0 – 30.0	60	50

*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

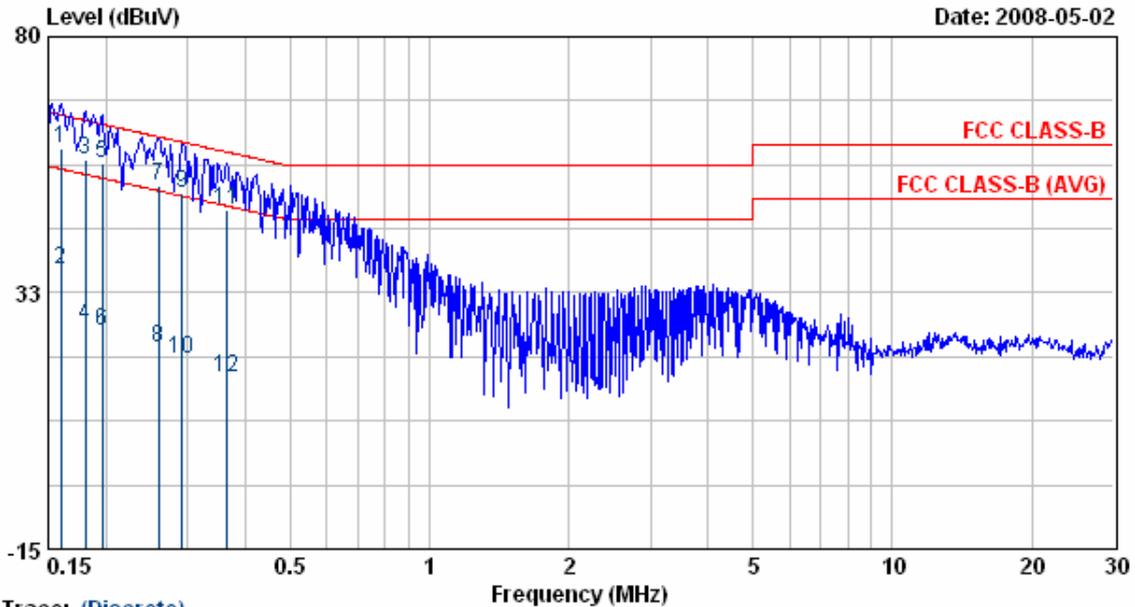


4.4 Measurement equipment

Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date	Valid Date.
Receiver	R&S	ESCI	100443	2007/09/27	2008/09/26
LISN	NNB-2/16Z	MESS TEC	02/10191	2008/05/14	2009/05/13
LISN	NNB-2/16Z	ROLF HEINE	03/10058	2008/04/19	2009/04/18

4.5 Test Result and Data

Power	: AC 120V	Pol/Phase	: LINE
Test Mode 1	: 802.11g CH1	Temperature	: 24 °C
Memo	: DSA-20P-10 US 12018	Humidity	: 56 %

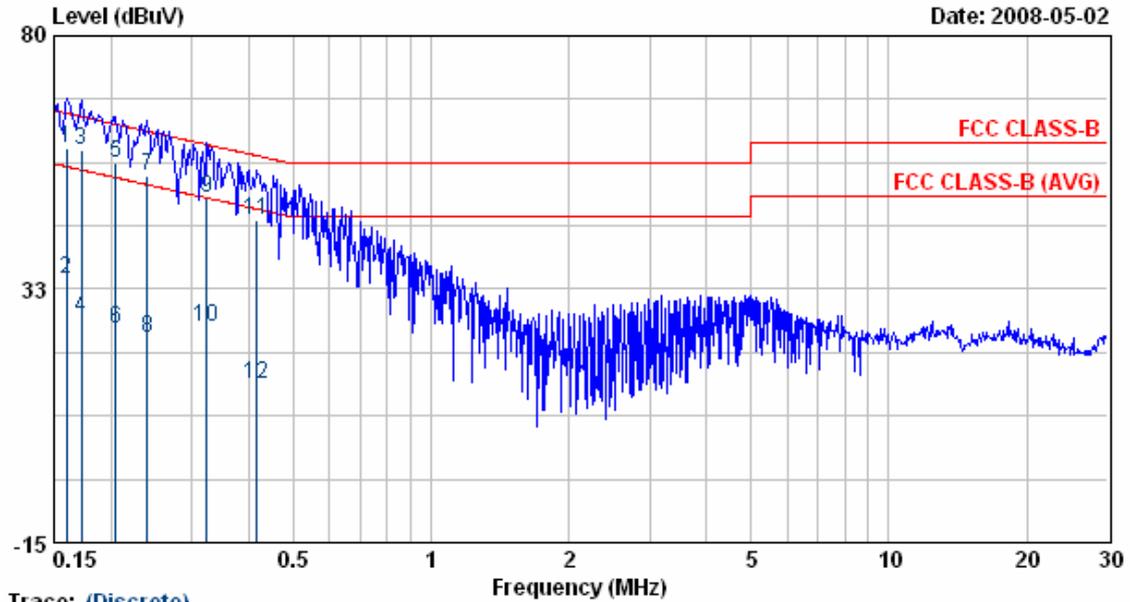


Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.16	59.24	0.10	59.34	65.47	-6.13	QP
2	0.16	36.68	0.10	36.78	55.47	-18.69	AVERAGE
3	0.18	57.08	0.10	57.19	64.46	-7.27	QP
4	0.18	26.20	0.10	26.30	54.46	-28.16	AVERAGE
5	0.20	56.25	0.10	56.36	63.76	-7.40	QP
6	0.20	25.25	0.10	25.35	53.76	-28.41	AVERAGE
7	0.26	52.35	0.11	52.46	61.42	-8.97	QP
8	0.26	22.22	0.11	22.33	51.42	-29.09	AVERAGE
9	0.29	50.70	0.12	50.81	60.46	-9.64	QP
10	0.29	20.09	0.12	20.21	50.46	-30.25	AVERAGE
11	0.36	47.76	0.11	47.87	58.65	-10.78	QP
12	0.36	16.59	0.11	16.70	48.65	-31.95	AVERAGE

- Remarks:
- Level = Read Level + Factor
 - Factor = LISN(ISN) Factor + Cable Loss
 - All emission below 1GHz at 802.11b/g mode are all the same,so the 802.11g mode chosen as representative in final test.
 - According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
 - The data is worse case.

Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 1	: 802.11g CH1	Temperature	: 24 °C
Memo	: DSA-20P-10 US 12018	Humidity	: 56 %

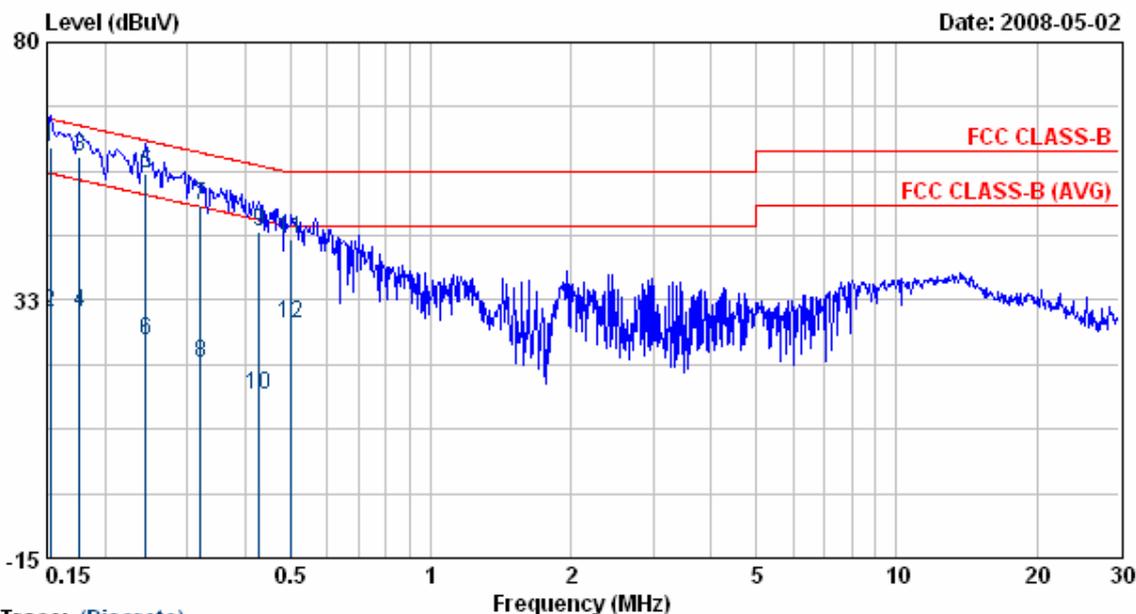


Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.16	58.95	0.09	59.04	65.47	-6.43	QP
2	0.16	34.45	0.09	34.54	55.47	-20.93	AVERAGE
3	0.17	58.41	0.09	58.50	64.86	-6.36	QP
4	0.17	27.12	0.09	27.21	54.86	-27.64	AVERAGE
5	0.21	56.00	0.09	56.09	63.40	-7.31	QP
6	0.21	24.89	0.09	24.98	53.40	-28.43	AVERAGE
7	0.24	53.59	0.09	53.68	62.08	-8.40	QP
8	0.24	23.31	0.09	23.40	52.08	-28.68	AVERAGE
9	0.32	49.52	0.10	49.62	59.62	-10.00	QP
10	0.32	25.22	0.10	25.32	49.62	-24.30	AVERAGE
11	0.42	45.21	0.10	45.31	57.51	-12.20	QP
12	0.42	14.56	0.10	14.67	47.51	-32.84	AVERAGE

- Remarks:
1. Level = Read Level + Factor
 2. Factor = LISN(ISN) Factor + Cable Loss
 3. All emission below 1GHz at 802.11b/g mode are all the same,so the 802.11g mode chosen as representative in final test.
 4. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
 5. The data is worse case.

Power	: AC 120V	Pol/Phase	: LINE
Test Mode 2	: 802.11gn, HT20 CH1	Temperature	: 24 °C
Memo	: DSA-20P-10 US 12018	Humidity	: 56 %



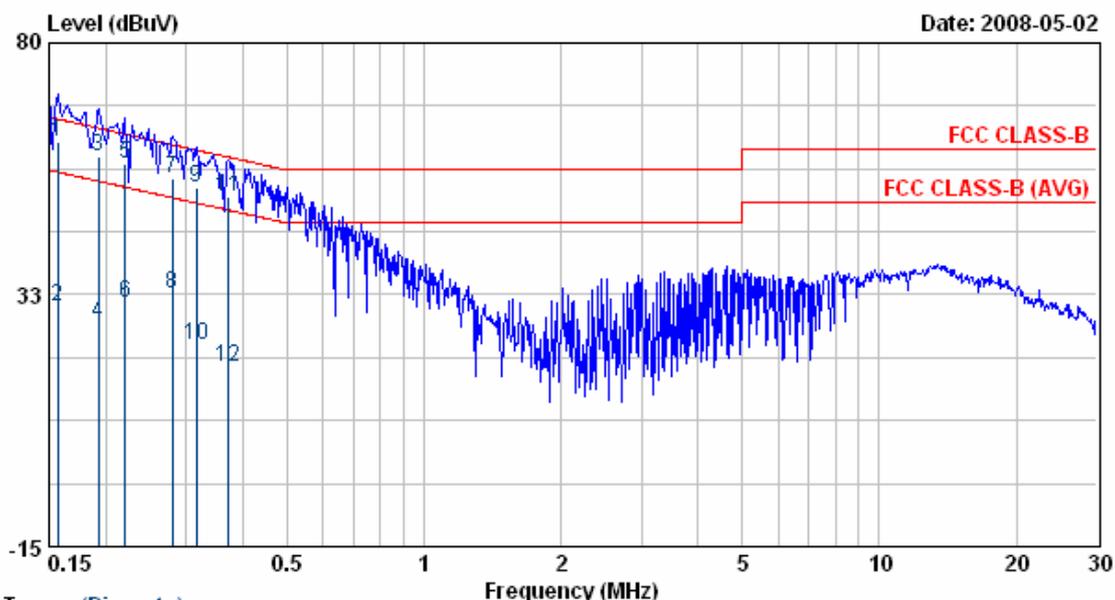
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.15	60.72	0.10	60.82	65.87	-5.05	QP
2	0.15	30.30	0.10	30.40	55.87	-25.47	AVERAGE
3	0.18	58.90	0.10	59.00	64.68	-5.68	QP
4	0.18	30.31	0.10	30.41	54.68	-24.27	AVERAGE
5	0.24	55.87	0.11	55.98	61.95	-5.97	QP
6	0.24	25.06	0.11	25.17	51.95	-26.79	AVERAGE
7	0.32	49.94	0.11	50.05	59.71	-9.65	QP
8	0.32	20.72	0.11	20.84	49.71	-28.87	AVERAGE
9	0.43	45.02	0.11	45.13	57.29	-12.15	QP
10	0.43	14.99	0.11	15.10	47.29	-32.19	AVERAGE
11	0.50	43.75	0.12	43.86	56.00	-12.14	QP
12	0.50	28.12	0.12	28.24	46.00	-17.76	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
4. The data is worse case.

Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 2	: 802.11gn, HT20 CH1	Temperature	: 24 °C
Memo	: DSA-20P-10 US 12018	Humidity	: 56 %



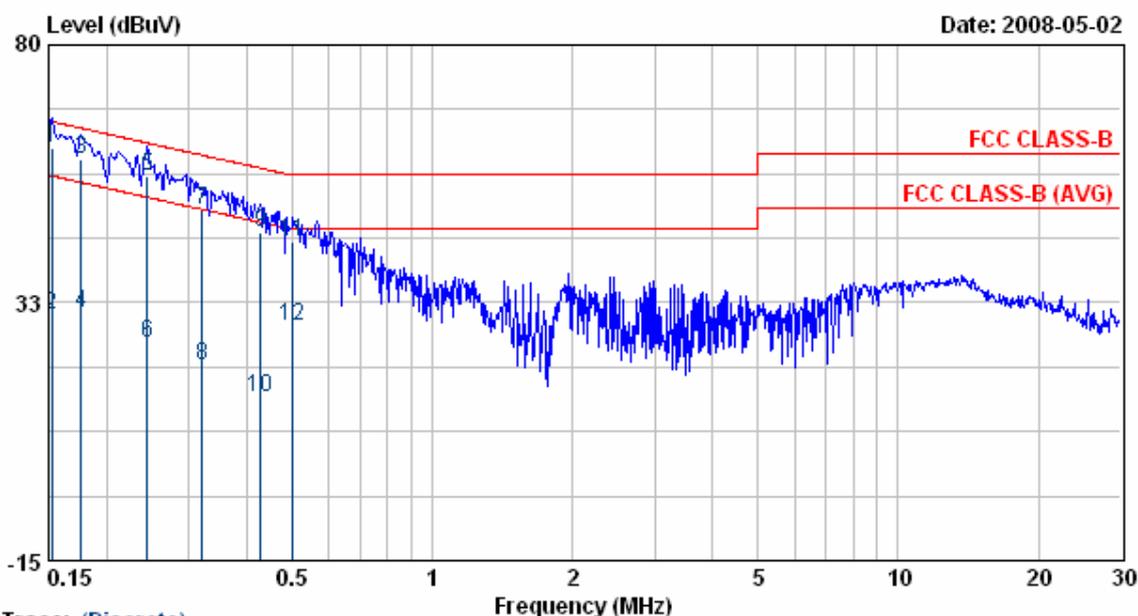
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.16	61.23	0.09	61.32	65.65	-4.33	QP
2	0.16	30.23	0.09	30.32	55.65	-25.33	AVERAGE
3	0.19	58.45	0.09	58.54	63.93	-5.39	QP
4	0.19	26.98	0.09	27.07	53.93	-26.86	AVERAGE
5	0.22	57.14	0.09	57.23	62.79	-5.55	QP
6	0.22	30.85	0.09	30.94	52.79	-21.84	AVERAGE
7	0.28	54.48	0.09	54.57	60.81	-6.23	QP
8	0.28	32.43	0.09	32.52	50.81	-18.29	AVERAGE
9	0.32	52.52	0.10	52.62	59.80	-7.18	QP
10	0.32	22.92	0.10	23.01	49.80	-26.78	AVERAGE
11	0.37	50.92	0.10	51.02	58.47	-7.45	QP
12	0.37	18.92	0.10	19.02	48.47	-29.45	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
4. The data is worse case.

Power	: AC 120V	Pol/Phase	: LINE
Test Mode 3	: 802.11gn, HT40 CH3	Temperature	: 24 °C
Memo	: DSA-20P-10 US 12018	Humidity	: 56 %



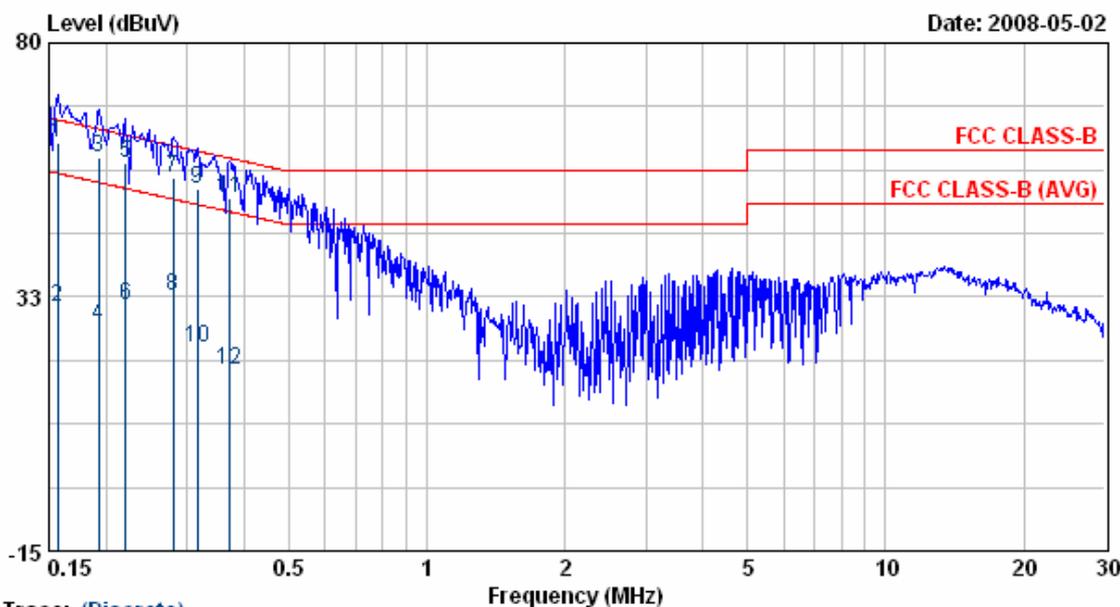
Trace: (Discrete)

Item	Freq MHz	Read Value dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dBuV	Remark
1	0.15	60.74	0.10	60.84	65.87	-5.03	QP
2	0.15	30.24	0.10	30.34	55.87	-25.53	AVERAGE
3	0.18	58.92	0.10	59.02	64.68	-5.66	QP
4	0.18	30.34	0.10	30.44	54.68	-24.24	AVERAGE
5	0.24	55.82	0.11	55.93	61.95	-6.02	QP
6	0.24	25.03	0.11	25.14	51.95	-26.82	AVERAGE
7	0.32	49.38	0.11	49.50	59.71	-10.21	QP
8	0.32	20.74	0.11	20.85	49.71	-28.85	AVERAGE
9	0.43	45.22	0.11	45.33	57.29	-11.95	QP
10	0.43	14.99	0.11	15.11	47.29	-32.18	AVERAGE
11	0.50	43.47	0.12	43.59	56.00	-12.41	QP
12	0.50	28.19	0.12	28.31	46.00	-17.69	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
4. The data is worse case.

Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 3	: 802.11gn, HT40 CH3	Temperature	: 24 °C
Memo	: DSA-20P-10 US 12018	Humidity	: 56 %



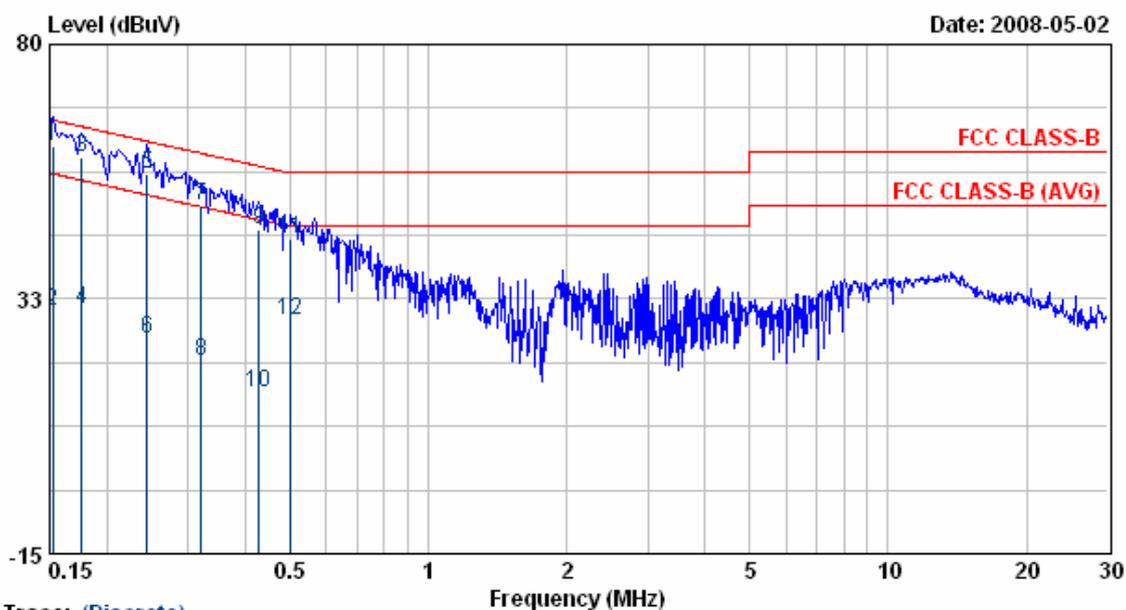
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.16	61.21	0.09	61.30	65.65	-4.34	QP
2	0.16	30.53	0.09	30.62	55.65	-25.03	AVERAGE
3	0.19	58.49	0.09	58.58	63.93	-5.35	QP
4	0.19	26.92	0.09	27.01	53.93	-26.92	AVERAGE
5	0.22	57.42	0.09	57.51	62.79	-5.28	QP
6	0.22	30.82	0.09	30.91	52.79	-21.87	AVERAGE
7	0.28	54.78	0.09	54.87	60.81	-5.93	QP
8	0.28	32.45	0.09	32.55	50.81	-18.26	AVERAGE
9	0.32	52.53	0.10	52.63	59.80	-7.17	QP
10	0.32	22.97	0.10	23.07	49.80	-26.73	AVERAGE
11	0.37	50.93	0.10	51.03	58.47	-7.44	QP
12	0.37	18.92	0.10	19.02	48.47	-29.45	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
4. The data is worse case.

Power	: AC 120V	Pol/Phase	: LINE
Test Mode 4	: 802.11gn, HT20 CH1	Temperature	: 24 °C
Memo	: DSA-20P-10 US 12018	Humidity	: 56 %



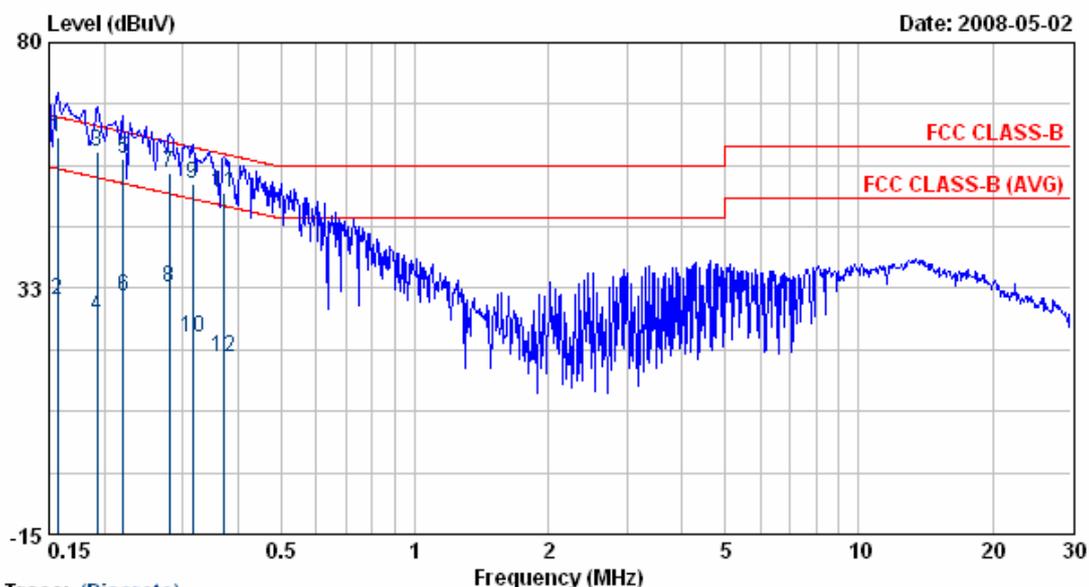
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.15	60.74	0.10	60.84	65.87	-5.03	QP
2	0.15	30.26	0.10	30.36	55.87	-25.51	AVERAGE
3	0.18	58.93	0.10	59.03	64.68	-5.65	QP
4	0.18	30.56	0.10	30.66	54.68	-24.02	AVERAGE
5	0.24	55.82	0.11	55.93	61.95	-6.02	QP
6	0.24	25.06	0.11	25.17	51.95	-26.78	AVERAGE
7	0.32	49.93	0.11	50.04	59.71	-9.66	QP
8	0.32	20.65	0.11	20.77	49.71	-28.94	AVERAGE
9	0.43	45.22	0.11	45.33	57.29	-11.95	QP
10	0.43	14.99	0.11	15.11	47.29	-32.18	AVERAGE
11	0.50	43.47	0.12	43.59	56.00	-12.41	QP
12	0.50	28.39	0.12	28.51	46.00	-17.49	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
4. The data is worse case.

Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 4	: 802.11gn, HT20 CH1	Temperature	: 24 °C
Memo	: DSA-20P-10 US 12018	Humidity	: 56 %

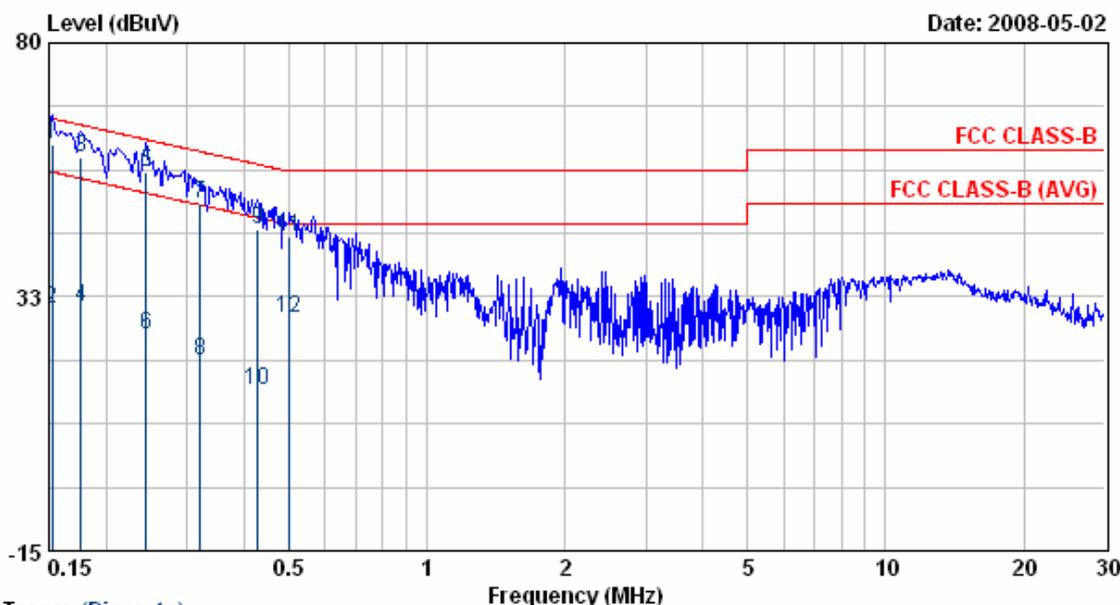


Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.16	61.55	0.09	61.64	65.65	-4.01	QP
2	0.16	30.32	0.09	30.41	55.65	-25.24	AVERAGE
3	0.19	58.69	0.09	58.78	63.93	-5.15	QP
4	0.19	26.92	0.09	27.01	53.93	-26.92	AVERAGE
5	0.22	57.42	0.09	57.51	62.79	-5.28	QP
6	0.22	30.82	0.09	30.91	52.79	-21.87	AVERAGE
7	0.28	54.78	0.09	54.87	60.81	-5.93	QP
8	0.28	32.45	0.09	32.55	50.81	-18.26	AVERAGE
9	0.32	52.53	0.10	52.63	59.80	-7.17	QP
10	0.32	22.97	0.10	23.07	49.80	-26.73	AVERAGE
11	0.37	50.93	0.10	51.03	58.47	-7.44	QP
12	0.37	18.93	0.10	19.03	48.47	-29.44	AVERAGE

- Remarks:
1. Level = Read Level + Factor
 2. Factor = LISN(ISN) Factor + Cable Loss
 3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
 4. The data is worse case.

Power	: AC 120V	Pol/Phase	: LINE
Test Mode 5	: 802.11gn, HT40 CH3	Temperature	: 24 °C
Memo	: DSA-20P-10 US 12018	Humidity	: 56 %



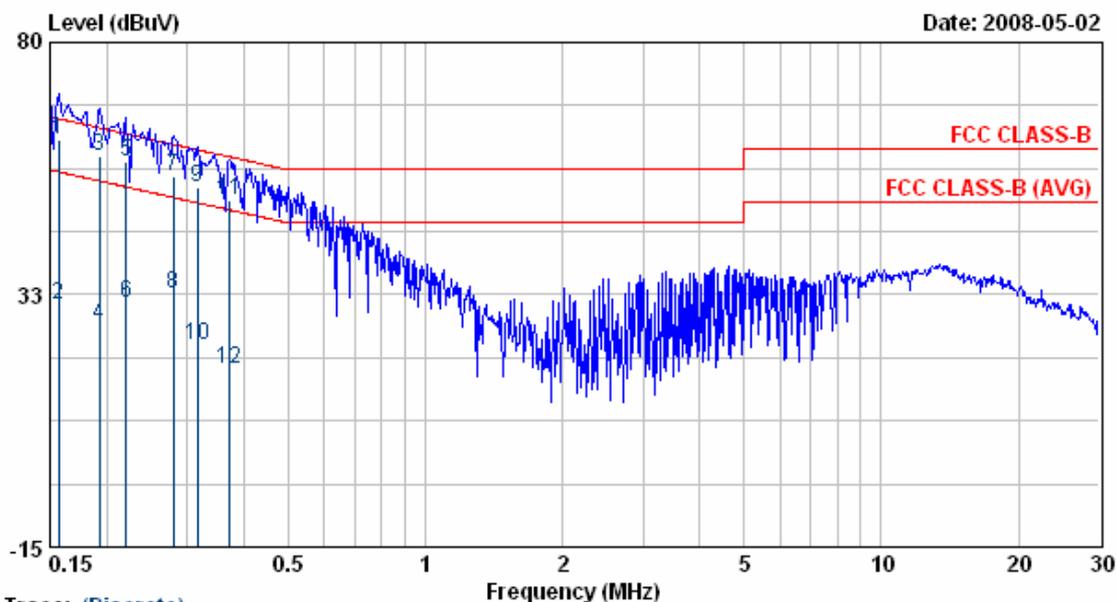
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.15	60.79	0.10	60.89	65.87	-4.98	QP
2	0.15	30.27	0.10	30.37	55.87	-25.50	AVERAGE
3	0.18	58.53	0.10	58.63	64.68	-6.05	QP
4	0.18	30.36	0.10	30.46	54.68	-24.22	AVERAGE
5	0.24	55.55	0.11	55.66	61.95	-6.29	QP
6	0.24	25.43	0.11	25.54	51.95	-26.42	AVERAGE
7	0.32	49.98	0.11	50.10	59.71	-9.61	QP
8	0.32	20.54	0.11	20.65	49.71	-29.05	AVERAGE
9	0.43	45.02	0.11	45.13	57.29	-12.15	QP
10	0.43	14.93	0.11	15.04	47.29	-32.24	AVERAGE
11	0.50	43.57	0.12	43.69	56.00	-12.31	QP
12	0.50	28.37	0.12	28.49	46.00	-17.51	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
4. The data is worse case.

Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 5	: 802.11gn, HT40 CH3	Temperature	: 24 °C
Memo	: DSA-20P-10 US 12018	Humidity	: 56 %



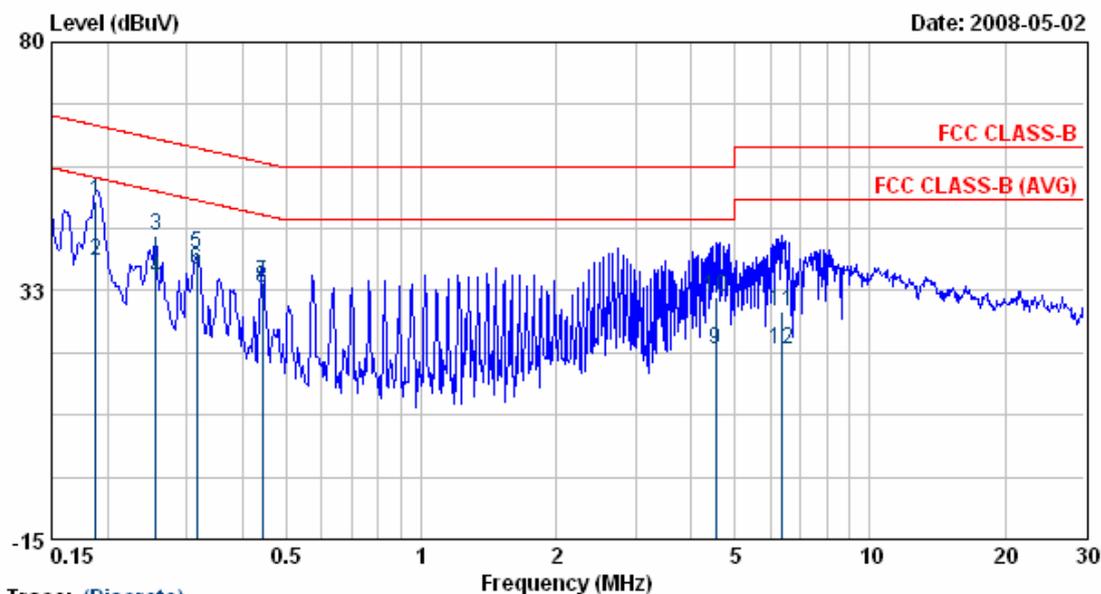
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.16	61.44	0.09	61.53	65.65	-4.12	QP
2	0.16	30.56	0.09	30.65	55.65	-25.00	AVERAGE
3	0.19	58.49	0.09	58.58	63.93	-5.35	QP
4	0.19	26.66	0.09	26.75	53.93	-27.18	AVERAGE
5	0.22	57.55	0.09	57.64	62.79	-5.15	QP
6	0.22	30.82	0.09	30.91	52.79	-21.87	AVERAGE
7	0.28	54.78	0.09	54.87	60.81	-5.93	QP
8	0.28	32.56	0.09	32.65	50.81	-18.16	AVERAGE
9	0.32	52.54	0.10	52.64	59.80	-7.16	QP
10	0.32	22.88	0.10	22.97	49.80	-26.82	AVERAGE
11	0.37	50.32	0.10	50.42	58.47	-8.05	QP
12	0.37	18.42	0.10	18.52	48.47	-29.95	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
4. The data is worse case.

Power	: AC 120V	Pol/Phase	: LINE
Test Mode 6	: 802.11g CH1	Temperature	: 24 °C
Memo	: MU18-2120150-A1	Humidity	: 56 %

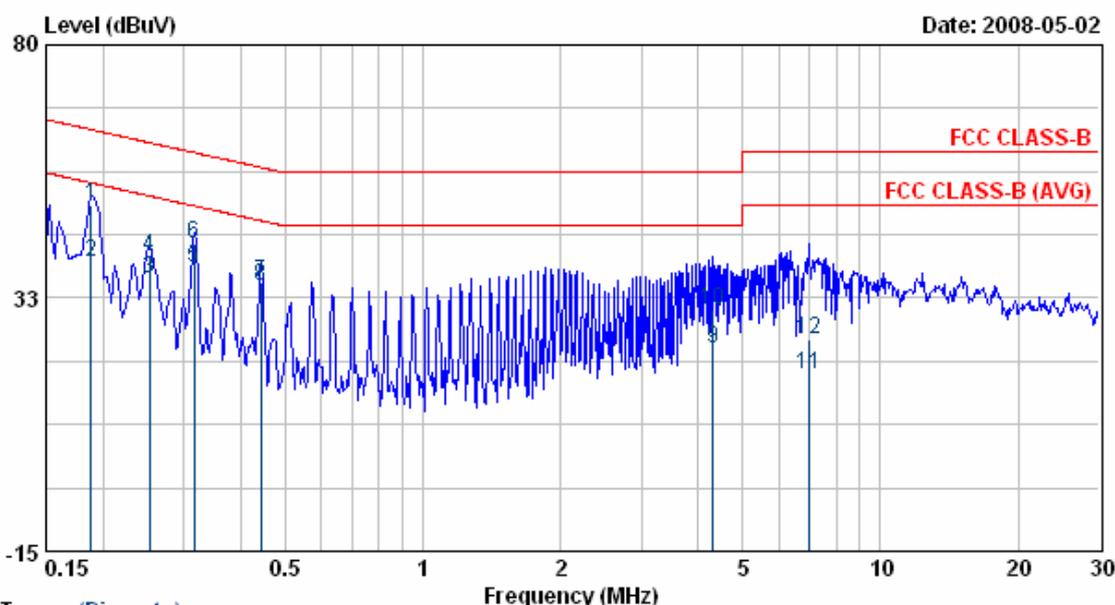


Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.19	49.34	0.10	49.45	64.11	-14.66	QP
2	0.19	38.05	0.10	38.15	54.11	-15.96	AVERAGE
3	0.26	42.78	0.11	42.89	61.56	-18.66	QP
4	0.26	34.65	0.11	34.76	51.56	-16.79	AVERAGE
5	0.32	39.43	0.11	39.55	59.80	-20.25	QP
6	0.32	36.31	0.11	36.42	49.80	-13.37	AVERAGE
7	0.44	33.99	0.11	34.10	57.02	-22.92	QP
8	0.44	33.06	0.11	33.17	47.02	-13.85	AVERAGE
9	4.53	20.96	0.24	21.21	46.00	-24.79	AVERAGE
10	4.53	31.06	0.24	31.31	56.00	-24.69	QP
11	6.39	28.18	0.29	28.46	60.00	-31.54	QP
12	6.39	21.11	0.29	21.40	50.00	-28.60	AVERAGE

- Remarks:
1. Level = Read Level + Factor
 2. Factor = LISN(ISN) Factor + Cable Loss
 3. All emission below 1GHz at 802.11g mode are all the same,so the 802.11g mode chosen as representative in final test.
 4. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
 5. The data is worse case.

Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 6	: 802.11g CH1	Temperature	: 24 °C
Memo	: MU18-2120150-A1	Humidity	: 56 %

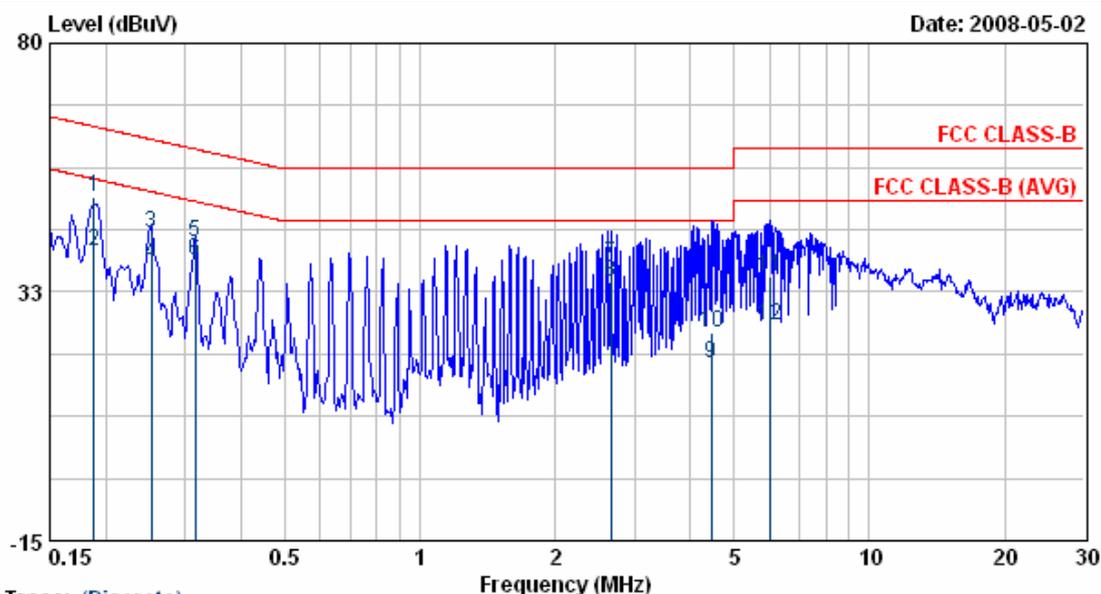


Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.19	49.94	0.09	50.03	64.11	-14.08	QP
2	0.19	39.30	0.09	39.39	54.11	-14.71	AVERAGE
3	0.25	35.95	0.09	36.04	51.69	-15.64	AVERAGE
4	0.25	40.31	0.09	40.40	61.69	-21.28	QP
5	0.32	38.18	0.10	38.28	49.80	-11.51	AVERAGE
6	0.32	42.75	0.10	42.85	59.80	-16.95	QP
7	0.44	35.43	0.10	35.54	57.02	-21.49	QP
8	0.44	34.58	0.10	34.69	47.02	-12.34	AVERAGE
9	4.31	22.72	0.26	22.98	46.00	-23.02	AVERAGE
10	4.31	30.05	0.26	30.32	56.00	-25.68	QP
11	6.95	17.87	0.33	18.20	50.00	-31.80	AVERAGE
12	6.95	24.25	0.33	24.58	60.00	-35.42	QP

- Remarks:
1. Level = Read Level + Factor
 2. Factor = LISN(ISN) Factor + Cable Loss
 3. All emission below 1GHz at 802.11b/g mode are all the same,so the 802.11g mode chosen as representative in final test.
 4. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
 5. The data is worse case.

Power	: AC 120V	Pol/Phase	: LINE
Test Mode 7	: 802.11gn, HT20 CH1	Temperature	: 24 °C
Memo	: MU18-2120150-A1	Humidity	: 56 %



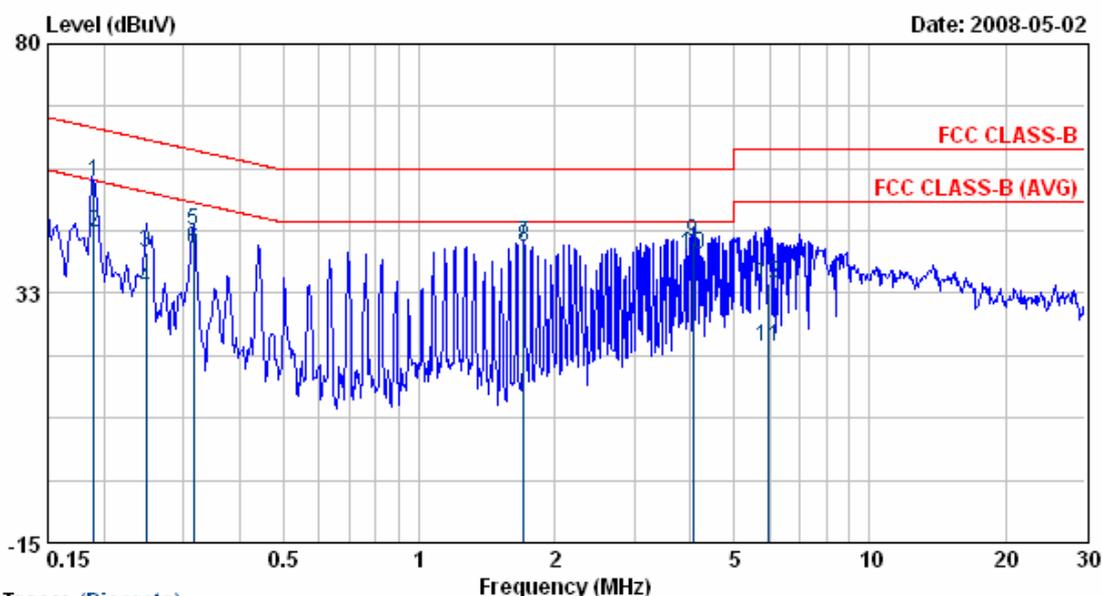
Trace: (Discrete)

Item	Freq MHz	Read Value dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dBuV	Remark
1	0.19	50.46	0.10	50.56	64.11	-13.55	QP
2	0.19	40.27	0.10	40.38	54.11	-13.73	AVERAGE
3	0.25	43.77	0.11	43.88	61.69	-17.81	QP
4	0.25	37.65	0.11	37.76	51.69	-13.93	AVERAGE
5	0.32	41.90	0.11	42.02	59.80	-17.78	QP
6	0.32	38.30	0.11	38.42	49.80	-11.38	AVERAGE
7	2.66	37.80	0.21	38.01	56.00	-17.99	QP
8	2.66	34.25	0.21	34.46	46.00	-11.54	AVERAGE
9	4.45	18.51	0.24	18.76	46.00	-27.24	AVERAGE
10	4.45	24.64	0.24	24.89	56.00	-31.11	QP
11	6.02	35.20	0.28	35.47	60.00	-24.53	QP
12	6.02	25.95	0.28	26.23	50.00	-23.77	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
4. The data is worse case.

Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 7	: 802.11gn, HT20 CH1	Temperature	: 24 °C
Memo	: MU18-2120150-A1	Humidity	: 56 %



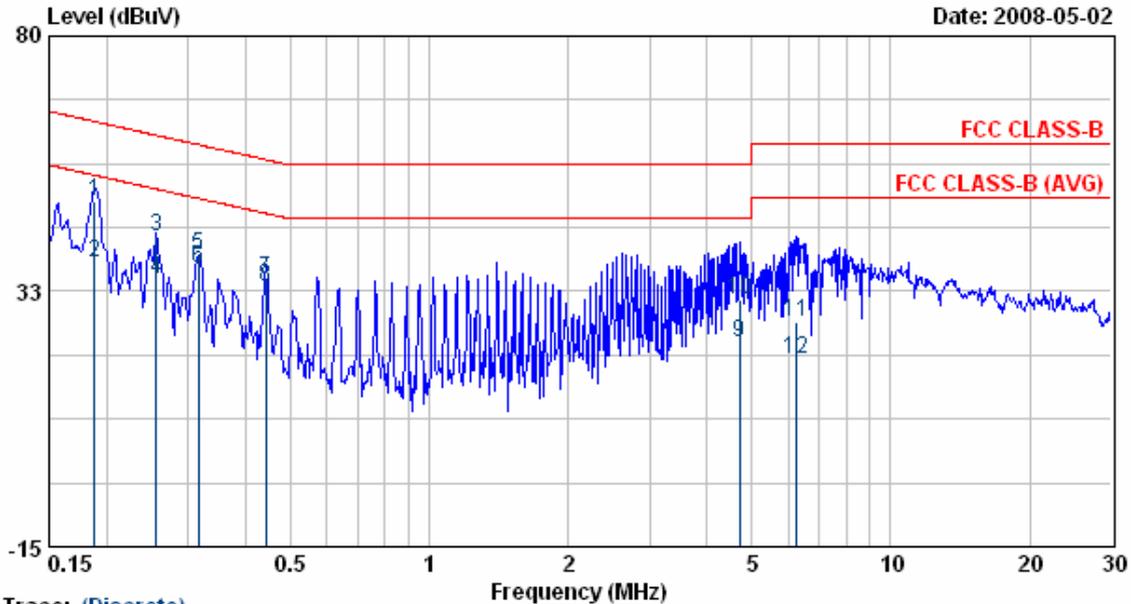
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.19	53.52	0.09	53.61	64.05	-10.45	QP
2	0.19	44.13	0.09	44.22	54.05	-9.83	AVERAGE
3	0.25	40.03	0.09	40.12	61.82	-21.70	QP
4	0.25	33.23	0.09	33.33	51.82	-18.49	AVERAGE
5	0.32	44.49	0.10	44.58	59.80	-15.21	QP
6	0.32	40.84	0.10	40.94	49.80	-8.86	AVERAGE
7	1.71	41.67	0.18	41.85	56.00	-14.15	QP
8	1.71	40.97	0.18	41.15	46.00	-4.85	AVERAGE
9	4.05	42.00	0.25	42.25	56.00	-13.75	QP
10	4.05	39.67	0.25	39.92	46.00	-6.08	AVERAGE
11	5.96	21.97	0.31	22.28	50.00	-27.72	AVERAGE
12	5.96	34.23	0.31	34.54	60.00	-25.46	QP

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
4. The data is worse case.

Power	: AC 120V	Pol/Phase	: LINE
Test Mode 8	: 802.11gn, HT40 CH3	Temperature	: 24 °C
Memo	: MU18-2120150-A1	Humidity	: 56 %



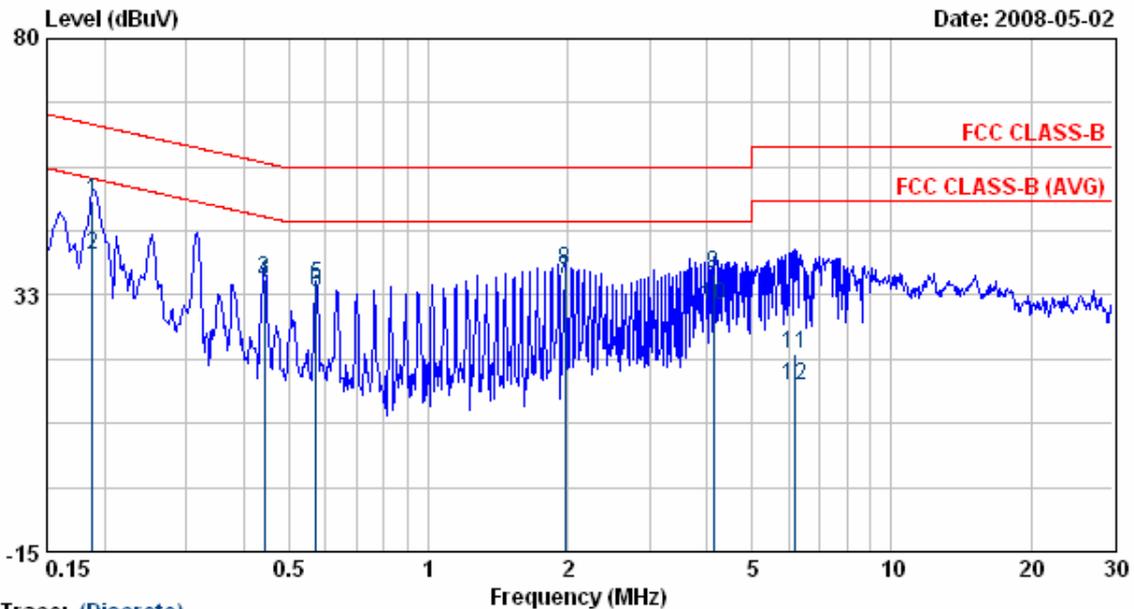
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.19	49.12	0.10	49.22	64.11	-14.89	QP
2	0.19	37.82	0.10	37.93	54.11	-16.18	AVERAGE
3	0.26	42.65	0.11	42.76	61.56	-18.80	QP
4	0.26	34.58	0.11	34.69	51.56	-16.86	AVERAGE
5	0.32	39.23	0.11	39.35	59.80	-20.45	QP
6	0.32	36.54	0.11	36.65	49.80	-13.15	AVERAGE
7	0.44	34.63	0.11	34.75	57.02	-22.27	QP
8	0.44	33.10	0.11	33.22	47.02	-13.81	AVERAGE
9	4.70	22.63	0.25	22.88	46.00	-23.12	AVERAGE
10	4.70	30.65	0.25	30.90	56.00	-25.10	QP
11	6.25	26.55	0.28	26.83	60.00	-33.17	QP
12	6.25	19.62	0.28	19.90	50.00	-30.10	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
4. The data is worse case.

Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 8	: 802.11gn, HT40 CH3	Temperature	: 24 °C
Memo	: MU18-2120150-A1	Humidity	: 56 %



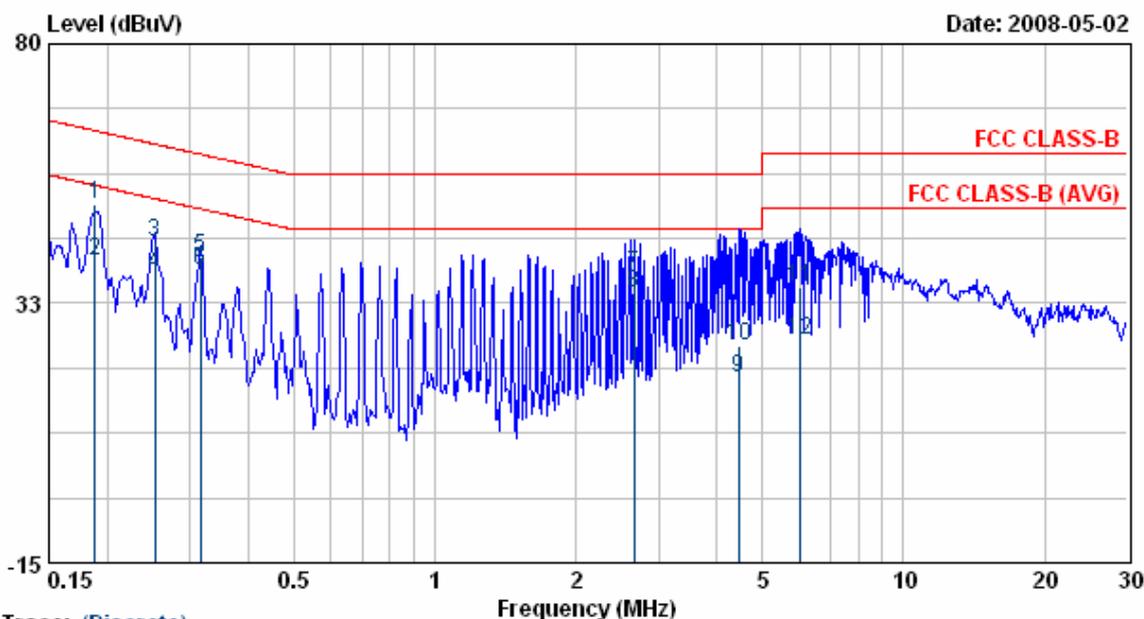
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.19	49.99	0.09	50.08	64.11	-14.03	QP
2	0.19	39.82	0.09	39.91	54.11	-14.20	AVERAGE
3	0.44	35.37	0.10	35.48	57.02	-21.54	QP
4	0.44	34.65	0.10	34.75	47.02	-12.27	AVERAGE
5	0.57	34.25	0.12	34.37	56.00	-21.63	QP
6	0.57	32.82	0.12	32.94	46.00	-13.06	AVERAGE
7	1.97	35.14	0.19	35.33	46.00	-10.67	AVERAGE
8	1.97	36.83	0.19	37.02	56.00	-18.98	QP
9	4.14	36.05	0.25	36.30	56.00	-19.70	QP
10	4.14	30.20	0.25	30.46	46.00	-15.54	AVERAGE
11	6.19	21.24	0.31	21.55	60.00	-38.45	QP
12	6.19	15.55	0.31	15.87	50.00	-34.13	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
4. The data is worse case.

Power	: AC 120V	Pol/Phase	: LINE
Test Mode 9	: 802.11gn, HT20 CH1	Temperature	: 24 °C
Memo	: MU18-2120150-A1	Humidity	: 56 %



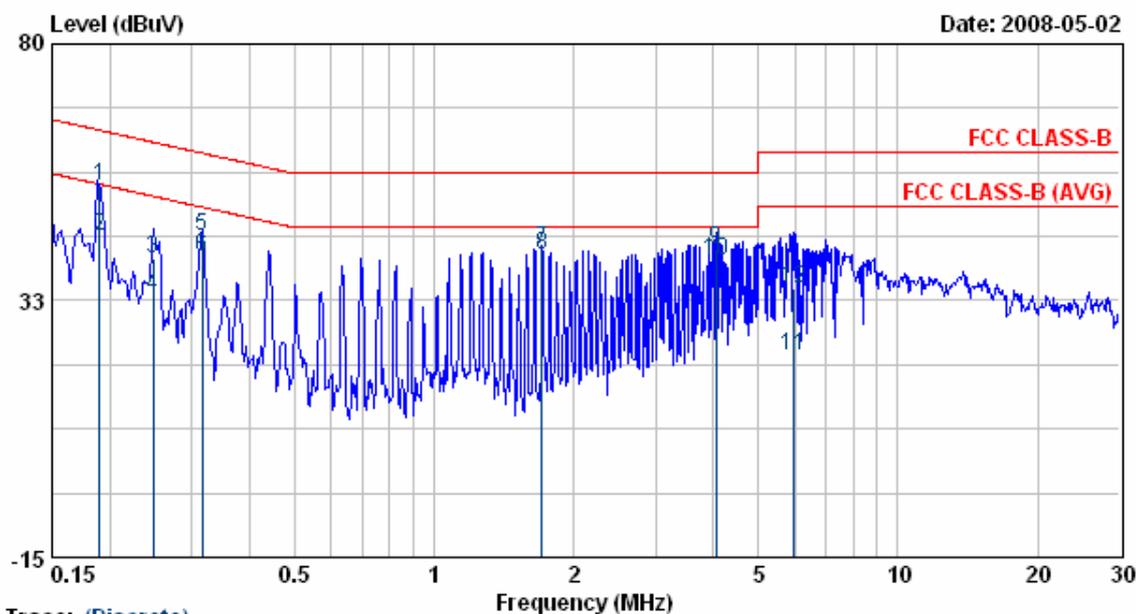
Trace: (Discrete)

Item	Freq MHz	Read Value dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dBuV	Remark
1	0.19	50.46	0.10	50.56	64.11	-13.54	QP
2	0.19	40.23	0.10	40.33	54.11	-13.78	AVERAGE
3	0.25	43.70	0.11	43.81	61.69	-17.87	QP
4	0.25	37.67	0.11	37.78	51.69	-13.90	AVERAGE
5	0.32	41.02	0.11	41.14	59.80	-18.66	QP
6	0.32	38.32	0.11	38.44	49.80	-11.36	AVERAGE
7	2.66	37.76	0.21	37.97	56.00	-18.03	QP
8	2.66	34.25	0.21	34.46	46.00	-11.54	AVERAGE
9	4.45	18.52	0.24	18.77	46.00	-27.23	AVERAGE
10	4.45	24.64	0.24	24.88	56.00	-31.12	QP
11	6.02	35.16	0.28	35.44	60.00	-24.56	QP
12	6.02	25.51	0.28	25.79	50.00	-24.21	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences,all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
4. The data is worse case.

Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 9	: 802.11gn, HT20 CH1	Temperature	: 24 °C
Memo	: MU18-2120150-A1	Humidity	: 56 %



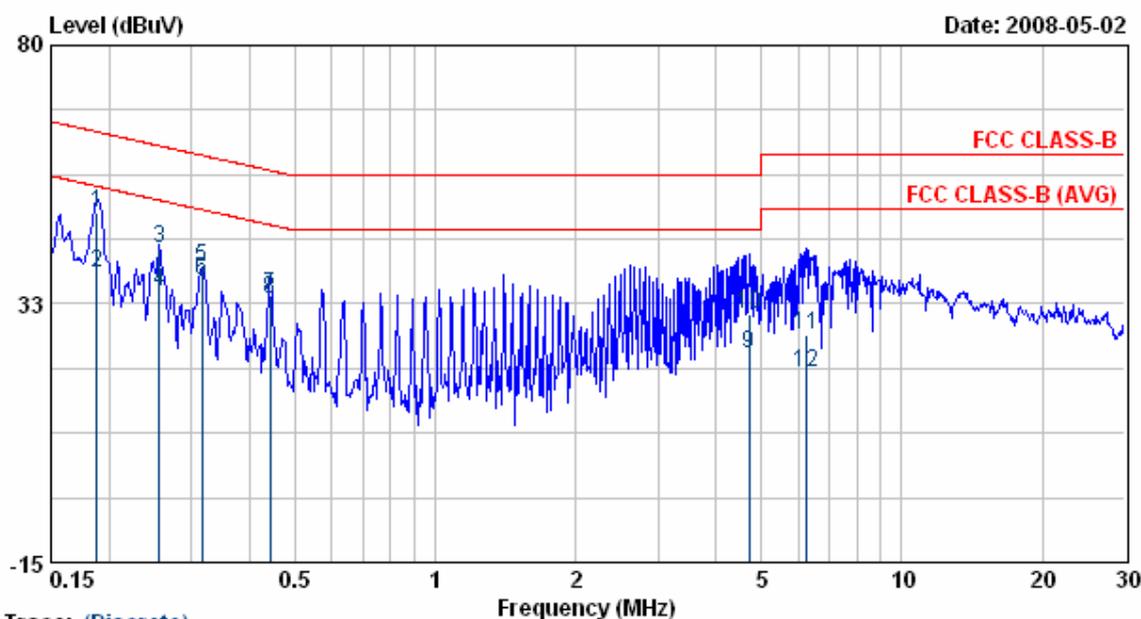
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.19	53.57	0.09	53.66	64.05	-10.39	QP
2	0.19	44.30	0.09	44.39	54.05	-9.67	AVERAGE
3	0.25	40.09	0.09	40.18	61.82	-21.64	QP
4	0.25	33.32	0.09	33.41	51.82	-18.41	AVERAGE
5	0.32	44.46	0.10	44.55	59.80	-15.24	QP
6	0.32	40.55	0.10	40.65	49.80	-9.15	AVERAGE
7	1.71	41.69	0.18	41.87	56.00	-14.13	QP
8	1.71	40.94	0.18	41.12	46.00	-4.88	AVERAGE
9	4.05	41.87	0.25	42.12	56.00	-13.88	QP
10	4.05	39.70	0.25	39.95	46.00	-6.05	AVERAGE
11	5.96	21.90	0.31	22.21	50.00	-27.79	AVERAGE
12	5.96	34.34	0.31	34.65	60.00	-25.35	QP

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
4. The data is worse case.

Power	: AC 120V	Pol/Phase	: LINE
Test Mode 10	: 802.11gn, HT40 CH3	Temperature	: 24 °C
Memo	: MU18-2120150-A1	Humidity	: 56 %



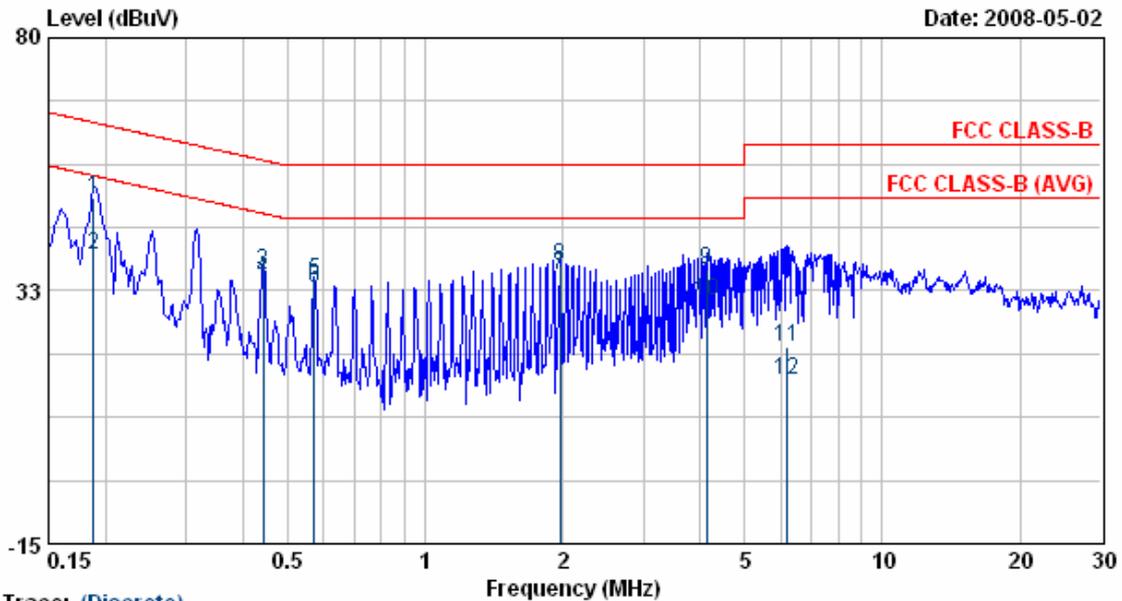
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.19	49.18	0.10	49.28	64.11	-14.83	QP
2	0.19	37.93	0.10	38.04	54.11	-16.07	AVERAGE
3	0.26	42.65	0.11	42.76	61.56	-18.80	QP
4	0.26	34.58	0.11	34.69	51.56	-16.86	AVERAGE
5	0.32	39.23	0.11	39.35	59.80	-20.45	QP
6	0.32	36.53	0.11	36.65	49.80	-13.15	AVERAGE
7	0.44	34.03	0.11	34.15	57.02	-22.87	QP
8	0.44	33.13	0.11	33.24	47.02	-13.78	AVERAGE
9	4.70	22.93	0.25	23.18	46.00	-22.82	AVERAGE
10	4.70	30.25	0.25	30.50	56.00	-25.50	QP
11	6.25	26.55	0.28	26.83	60.00	-33.17	QP
12	6.25	19.63	0.28	19.92	50.00	-30.08	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
4. The data is worse case.

Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode 10	: 802.11gn, HT40 CH3	Temperature	: 24 °C
Memo	: MU18-2120150-A1	Humidity	: 56 %



Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.19	49.99	0.09	50.08	64.11	-14.03	QP
2	0.19	39.22	0.09	39.31	54.11	-14.80	AVERAGE
3	0.44	35.97	0.10	36.08	57.02	-20.94	QP
4	0.44	34.65	0.10	34.75	47.02	-12.27	AVERAGE
5	0.57	34.25	0.12	34.37	56.00	-21.63	QP
6	0.57	32.82	0.12	32.94	46.00	-13.06	AVERAGE
7	1.97	35.14	0.19	35.33	46.00	-10.67	AVERAGE
8	1.97	36.83	0.19	37.02	56.00	-18.98	QP
9	4.14	36.05	0.25	36.30	56.00	-19.70	QP
10	4.14	30.25	0.25	30.51	46.00	-15.49	AVERAGE
11	6.19	21.52	0.31	21.84	60.00	-38.16	QP
12	6.19	15.55	0.31	15.87	50.00	-34.13	AVERAGE

Remarks:

1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
4. The data is worse case.

Test engineer: Ben

5. Test of Radiated Emission (For 802.11b/g device)

5.1 Test Limit

Radiated emissions from 30 MHz to 25 GHz were measured according to the methods defines in ANSI C63.4-2003. The EUT was placed, 0.8 meter above the ground plane, as shown in section 5.6.3. The interface cables and equipment positions were varied within limits of reasonable applications to determine the positions producing maximum radiated emissions

For unintentional device, according to § 15.109(a), except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

Frequency (MHz)	Distance Meters	Radiated (μ V / M)	Radiated (dB μ V/ M)
30-88	3	100	40.0
88-216	3	150	43.5
216-960	3	200	46.0
Above 960	3	500	54.0

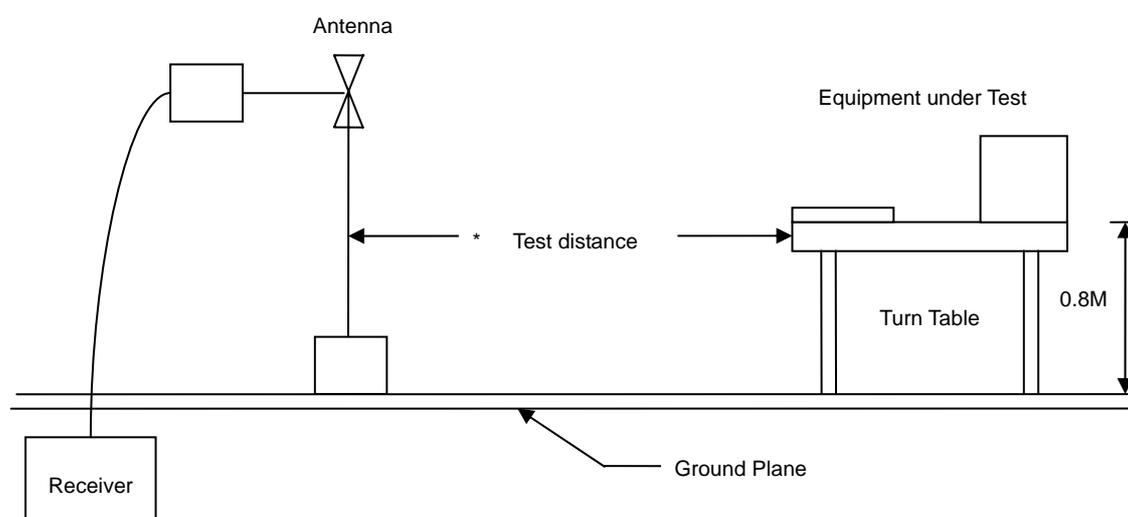
For unintentional device, according to CISPR PUB.22, for Class B digital devices, the general requirement of field strength of radiated emissions from intentional radiators at a distance of 10 meters shall not exceed the above table.

Frequency (MHz)	Distance Meters	Radiated (dB μ V/ M)
30-230	10	30
230-1000	10	37

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.

5.3 Typical Test Setup

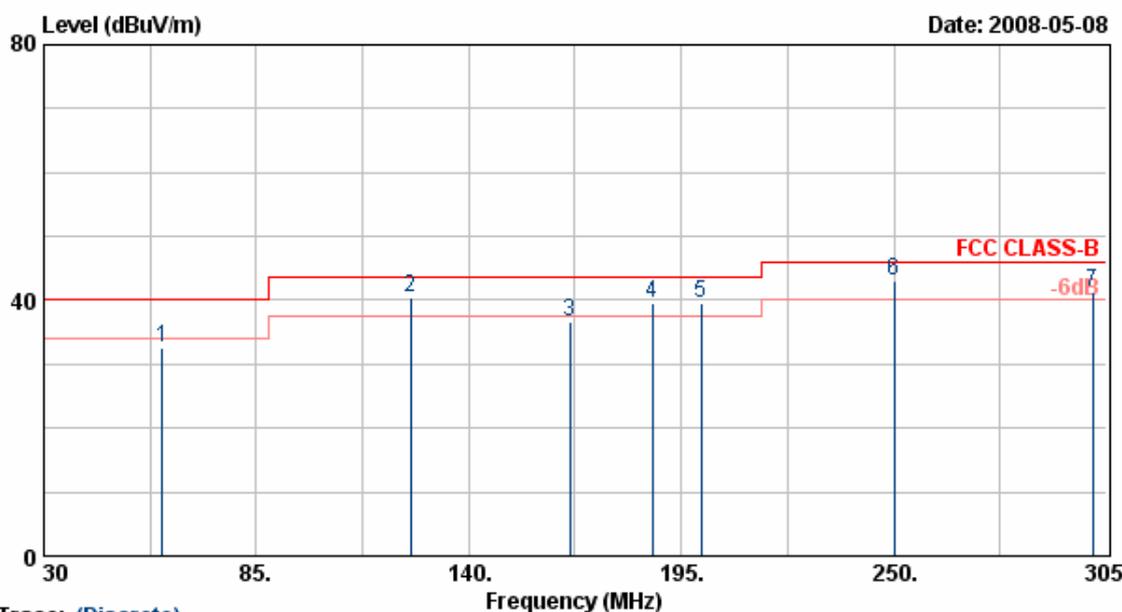


5.4 Measurement equipment

Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date	Valid Date
EMI Receiver	85460A	HP	3807A00454	2007/06/05	2008/06/04
Spectrum Analyzer	FSP40	R&S	10047	2008/02/22	2009/02/21
Horn Antenna	3115	EMCO	31589	2008/03/28	2009/03/27
Horn Antenna	3116	EMCO	31970	2008/04/08	2009/04/07
Bilog Antenna	CBL6112B	Schaffner	2840	2008/04/26	2009/04/25
Amplifier	8449B	Agilent	3008A01954	2008/01/24	2009/01/23
Amplifier	8447D	Agilent	2944A10531	2007/09/26	2008/09/25
Amplifier	PA-840	Com-Power	711885	2007/08/28	2008/08/27

5.5 Test Result and Data

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6Mbps



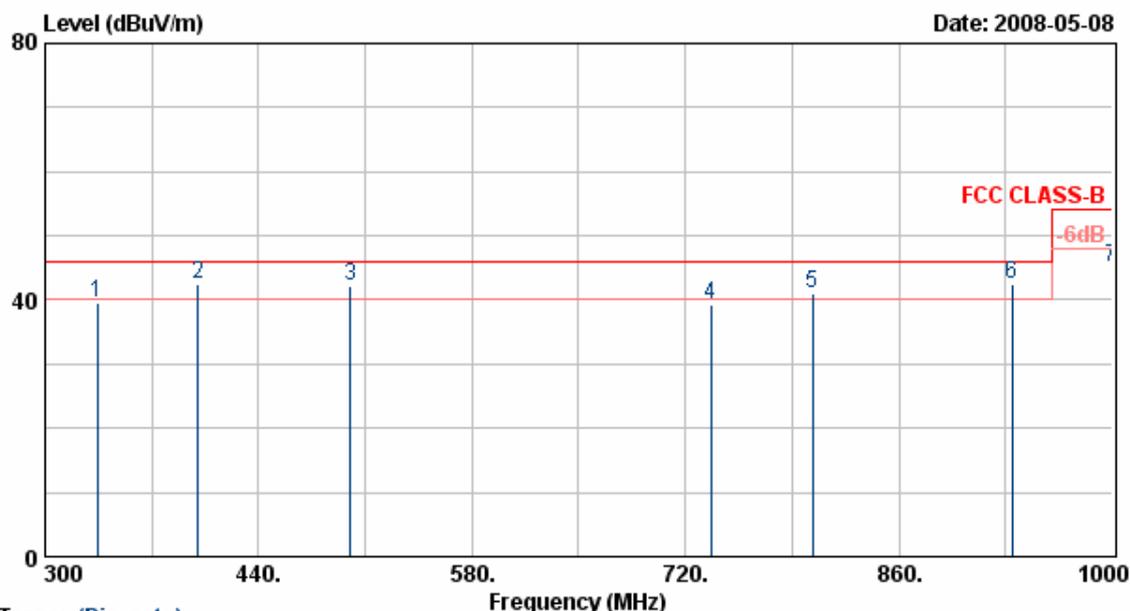
Trace: (Discrete)

Item	Freq MHz	Read Value dBuV/m	Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark	Ant Pos cm	Tab Pos Deg
1	60.70	49.57	-17.07	32.50	40.00	-7.50	Peak	100	0
2	125.00	53.71	-13.29	40.42	43.50	-3.08	QP	100	0
3	166.05	49.62	-13.00	36.62	43.50	-6.88	Peak	100	88
4	187.55	49.87	-10.20	39.67	43.50	-3.83	QP	100	88
5	200.00	51.33	-11.75	39.58	43.50	-3.92	QP	100	55
6	250.00	55.98	-13.04	42.94	46.00	-3.06	QP	100	86
7	301.43	50.33	-9.09	41.24	46.00	-4.76	QP	100	86

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 mode are all the same,so the 802.11g mode chosen as representative in final test.
5. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
6. The data is worse case.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6Mbps



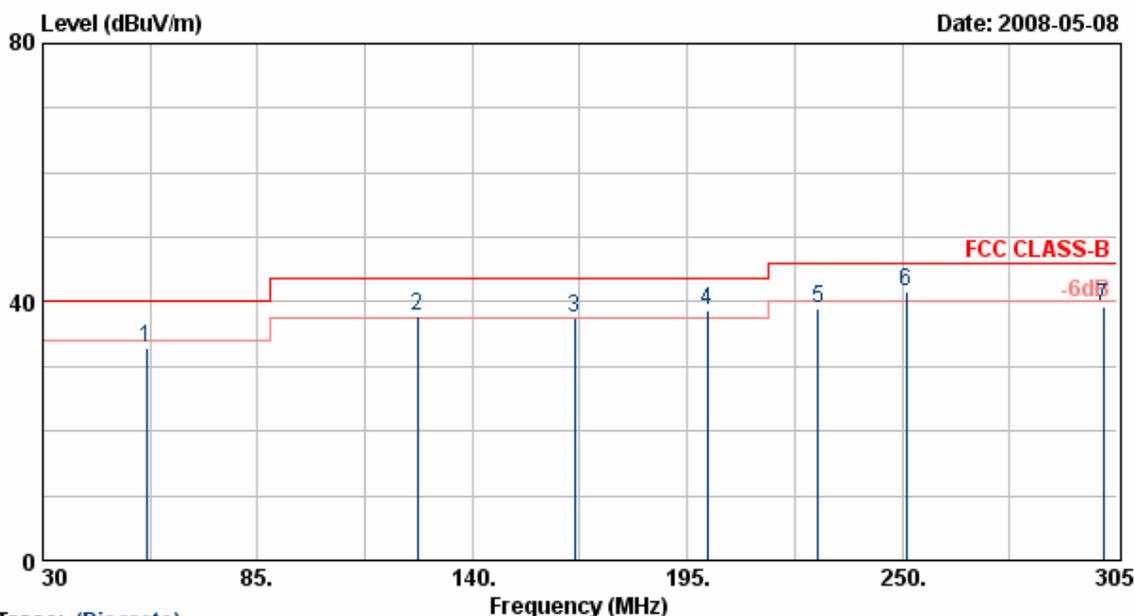
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	50.28	-10.67	39.61	46.00	-6.39	Peak	100	99
2	400.00	51.39	-8.86	42.53	46.00	-3.47	QP	100	99
3	500.00	46.90	-4.86	42.04	46.00	-3.96	QP	100	99
4	736.80	36.39	2.84	39.23	46.00	-6.77	Peak	100	52
5	803.30	43.87	-2.76	41.11	46.00	-4.89	QP	100	52
6	934.33	43.52	-1.07	42.45	46.00	-3.55	QP	100	0
7	999.90	43.67	1.49	45.16	54.00	-8.84	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 mode are all the same,so the 802.11g mode chosen as representative in final test.
5. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
6. The data is worse case.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6Mbps



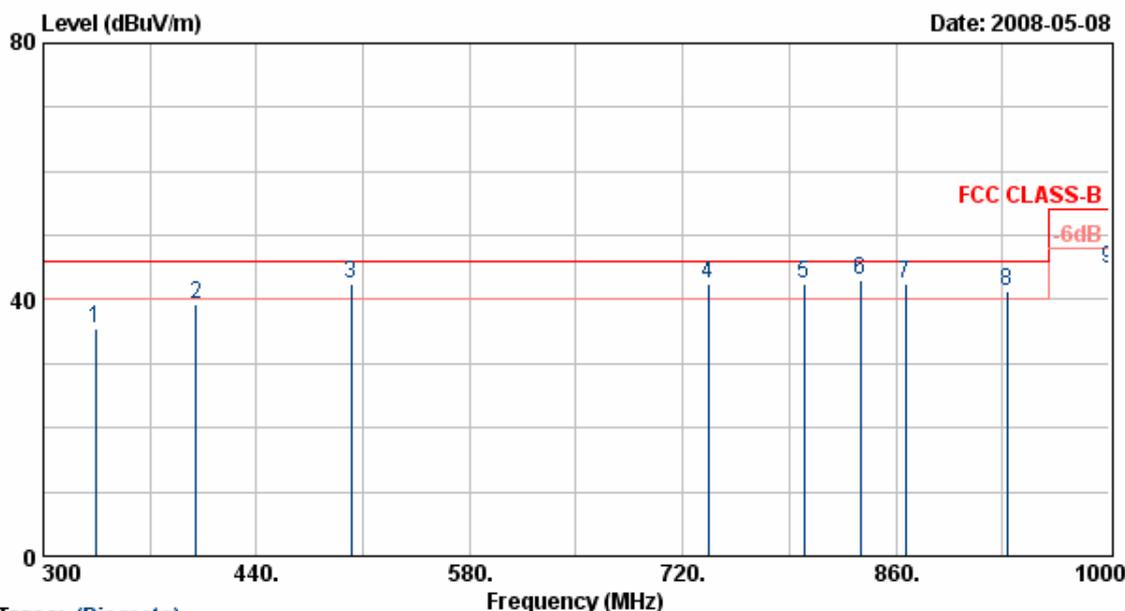
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	56.50	55.00	-22.06	32.94	40.00	-7.06	Peak	200	0
2	125.99	57.31	-19.62	37.69	43.50	-5.81	QP	200	0
3	166.23	56.11	-18.64	37.47	43.50	-6.03	Peak	200	72
4	200.00	53.17	-14.49	38.68	43.50	-4.82	QP	200	72
5	228.55	57.30	-18.38	38.92	46.00	-7.08	Peak	200	72
6	251.10	58.97	-17.31	41.66	46.00	-4.34	QP	200	129
7	301.43	53.48	-14.33	39.15	46.00	-6.85	Peak	200	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. All emission below 1GHz at 802.11b/g mode are all the same,so the 802.11g mode chosen as representative in final test.
5. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
6. The data is worse case.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6Mbps



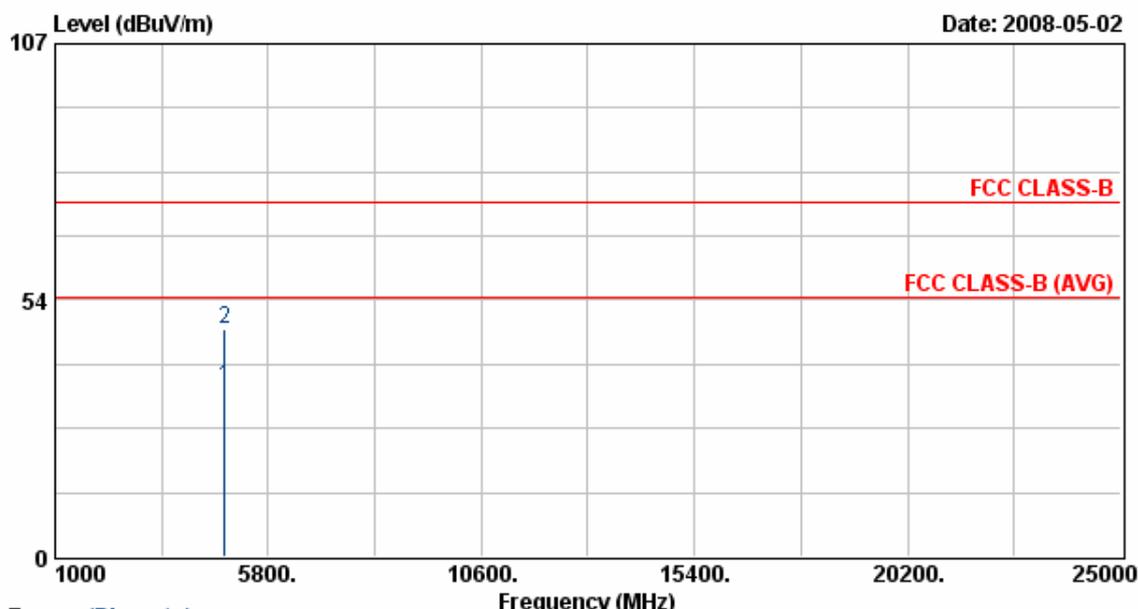
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	47.81	-12.21	35.60	46.00	-10.40	Peak	200	10
2	400.00	50.48	-11.31	39.17	46.00	-6.83	Peak	200	58
3	502.30	47.49	-5.03	42.46	46.00	-3.54	QP	200	96
4	736.80	42.97	-0.52	42.45	46.00	-3.55	QP	200	125
5	799.99	42.99	-0.54	42.45	46.00	-3.55	QP	200	125
6	836.90	40.25	2.71	42.96	46.00	-3.04	QP	200	125
7	866.63	39.00	3.60	42.60	46.00	-3.40	QP	200	111
8	933.30	36.28	5.17	41.45	46.00	-4.55	QP	200	111
9	999.97	41.58	3.29	44.87	54.00	-9.13	Peak	200	251

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 mode are all the same,so the 802.11g mode chosen as representative in final test.
5. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
6. The data is worse case.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 11Mbps



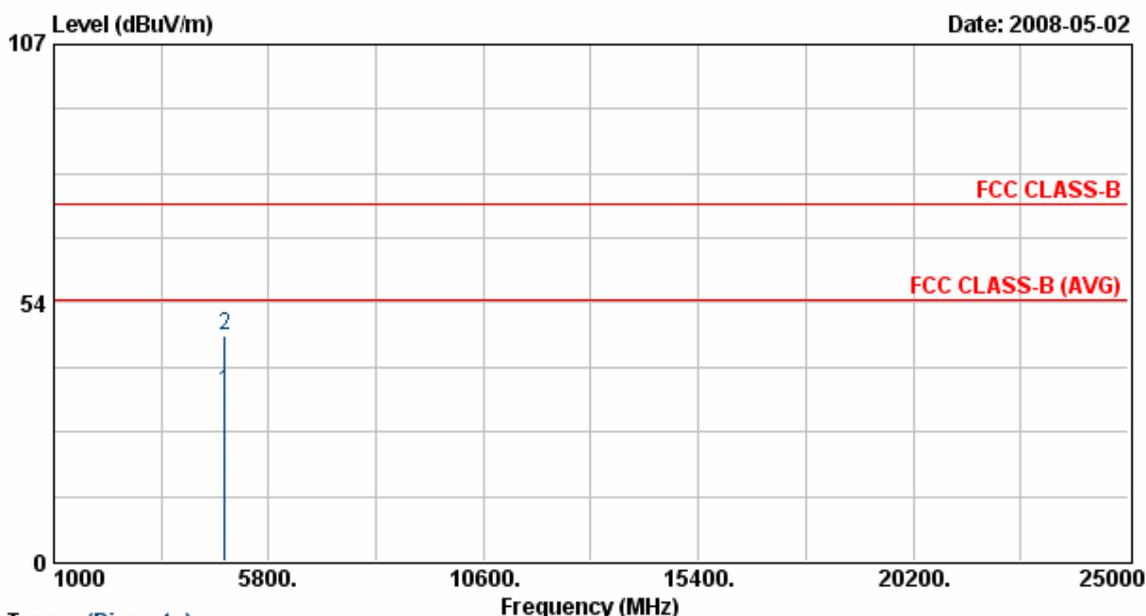
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.90	29.62	5.67	35.29	54.00	-18.71	Average	100	163
2	4823.90	41.68	5.67	47.35	74.00	-26.65	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 11Mbps



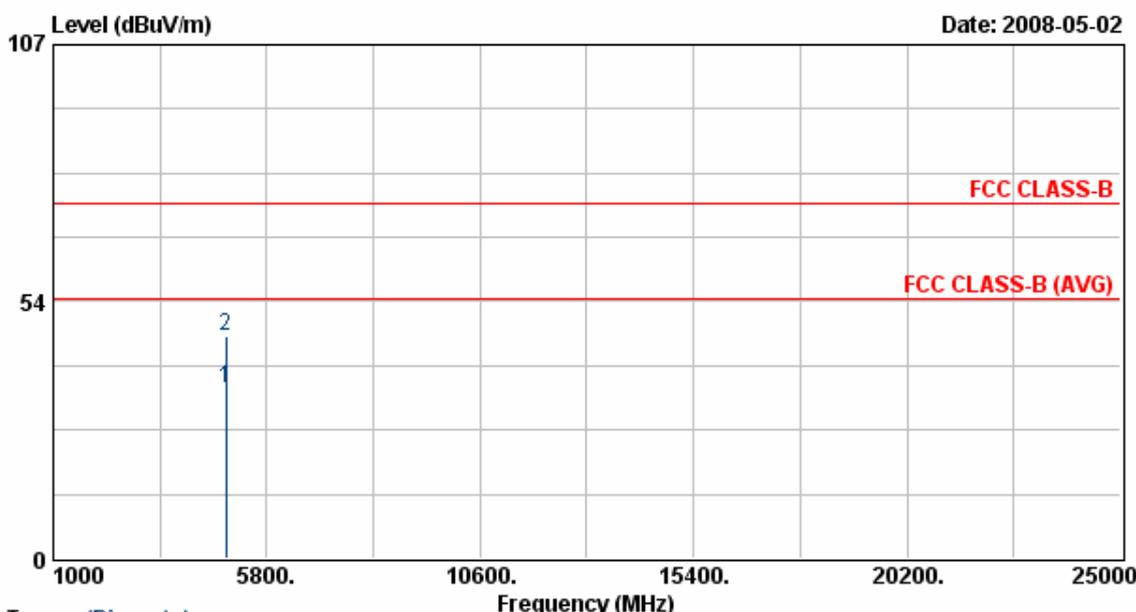
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.08	29.48	5.67	35.15	54.00	-18.85	Average	100	190
2	4824.08	41.11	5.67	46.78	74.00	-27.22	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 11Mbps



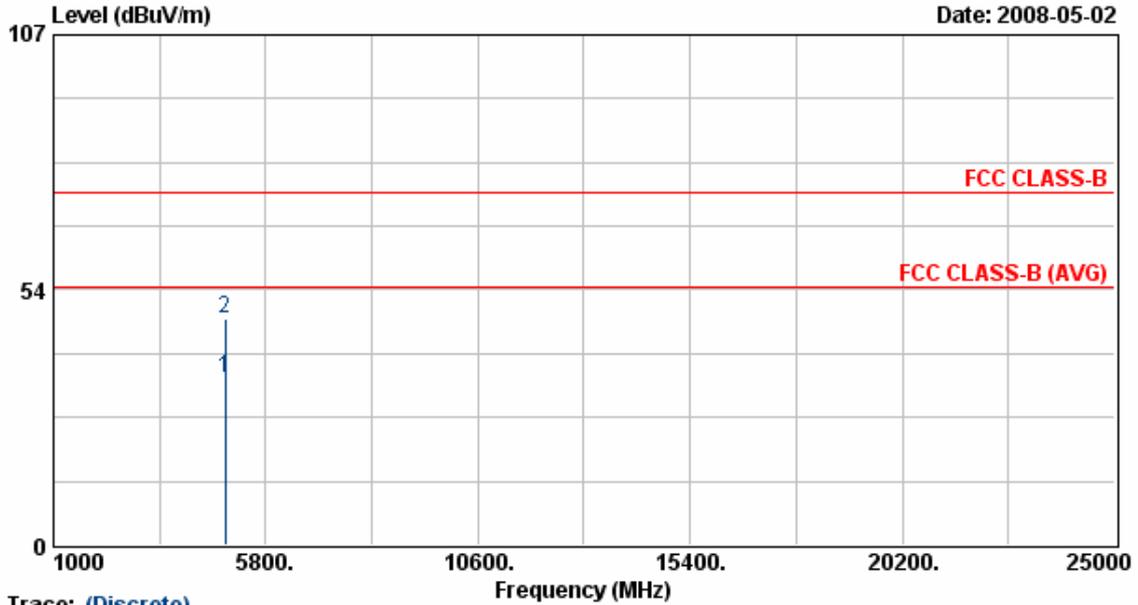
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.88	29.53	5.80	35.33	54.00	-18.67	Average	100	163
2	4873.88	40.57	5.80	46.37	74.00	-27.63	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 11Mbps



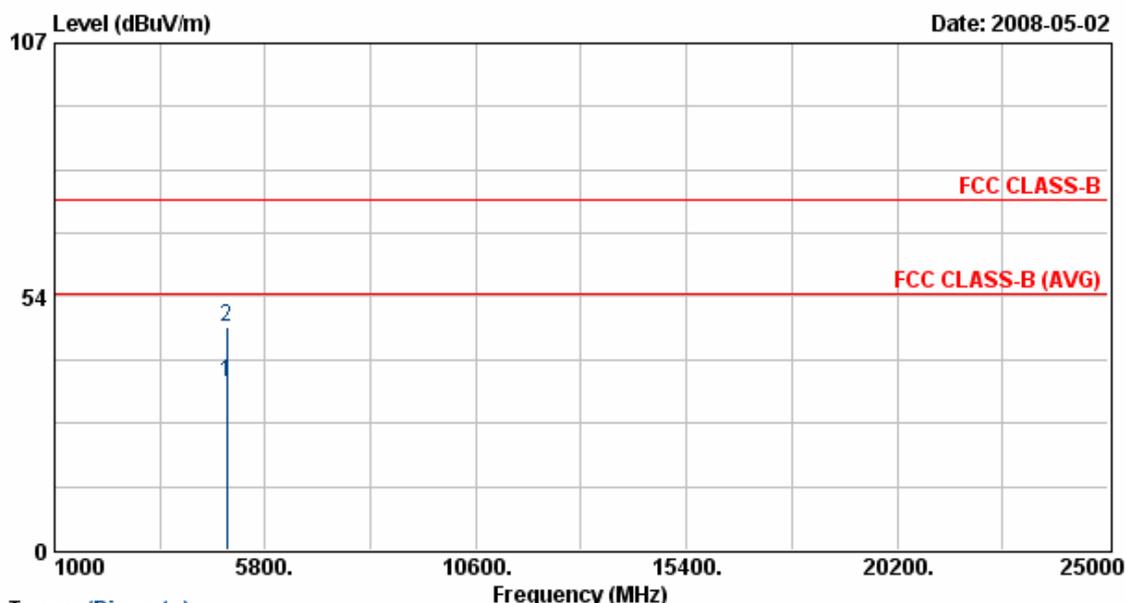
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.83	29.08	5.80	34.88	54.00	-19.12	Average	100	190
2	4873.83	41.54	5.80	47.34	74.00	-26.66	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 11Mbps



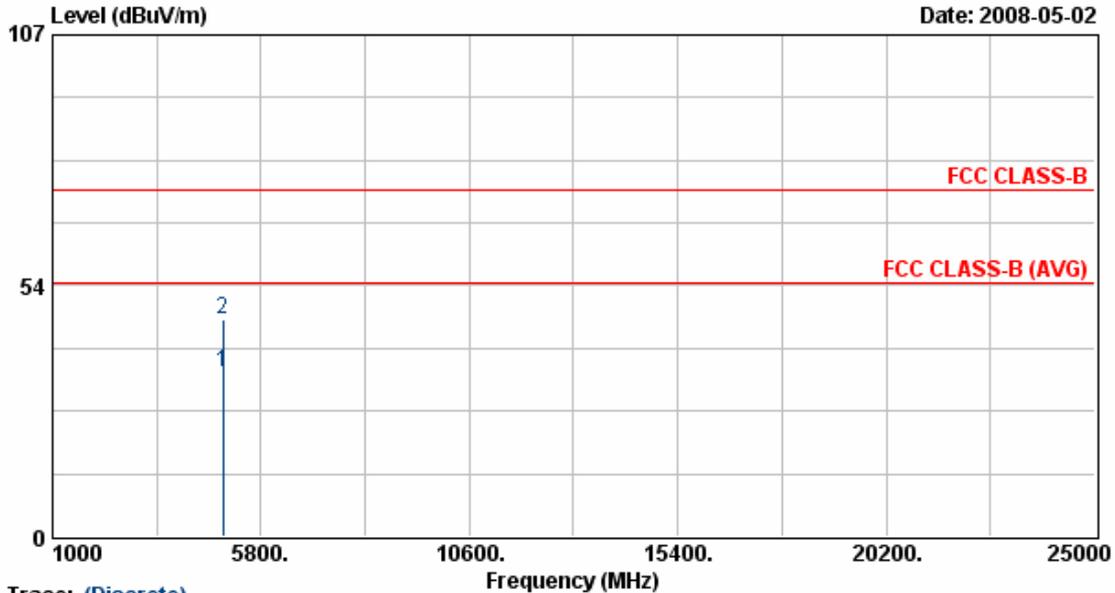
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.93	29.41	5.93	35.34	54.00	-18.66	Average	100	163
2	4923.93	41.23	5.93	47.16	74.00	-26.84	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 11Mbps



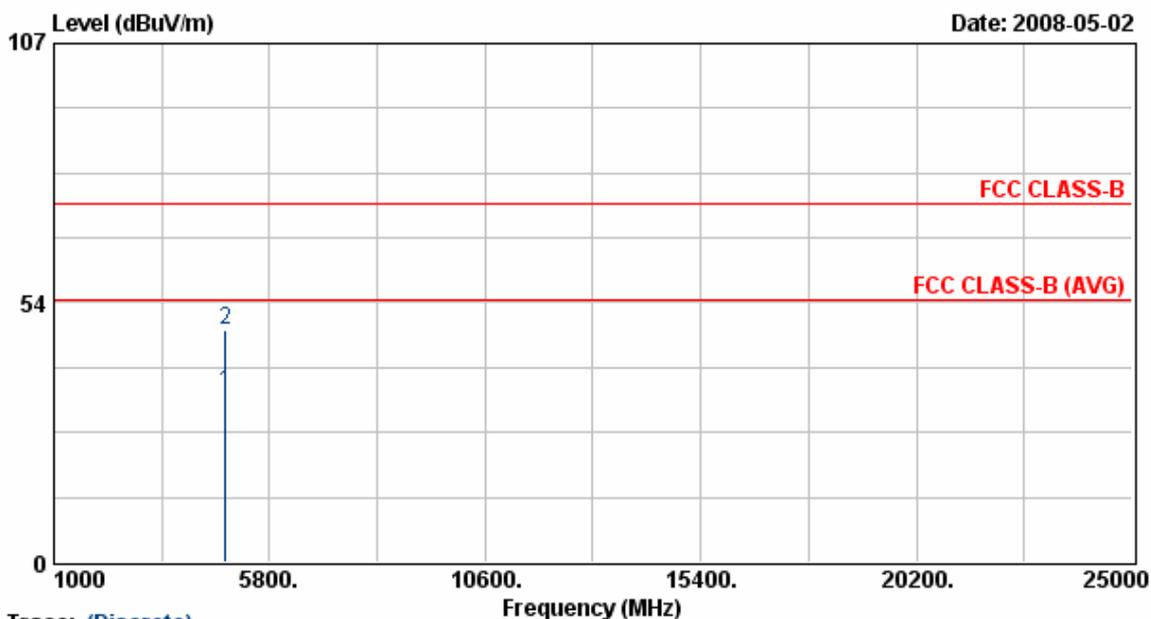
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.00	28.94	5.93	34.87	54.00	-19.13	Average	100	190
2	4924.00	40.44	5.93	46.37	74.00	-27.63	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6Mbps



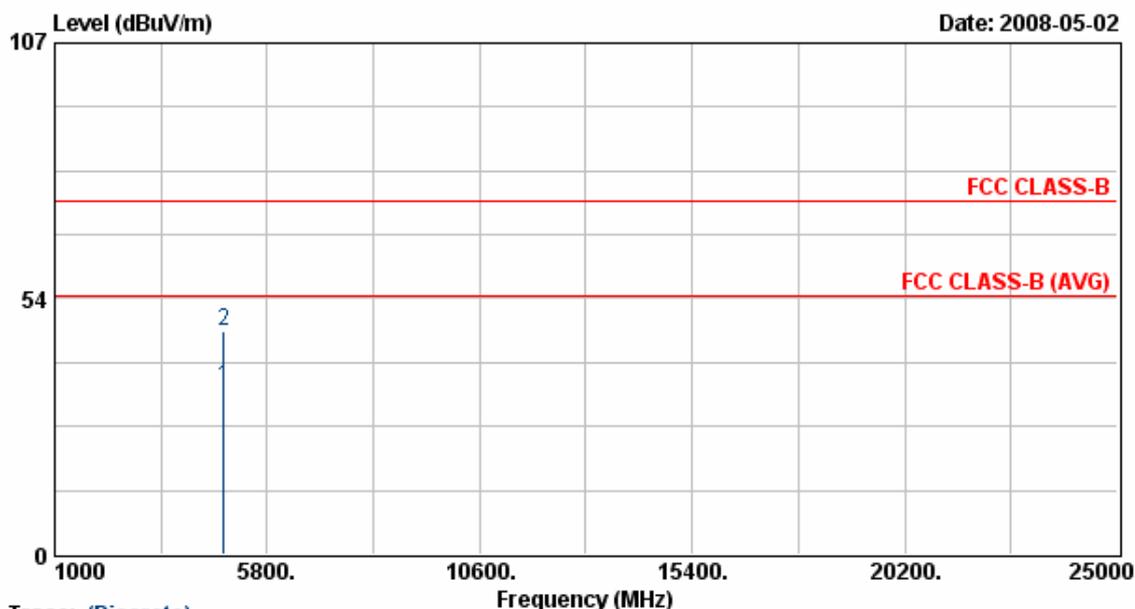
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.23	29.46	5.67	35.13	54.00	-18.87	Average	100	163
2	4824.23	42.23	5.67	47.90	74.00	-26.10	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6Mbps



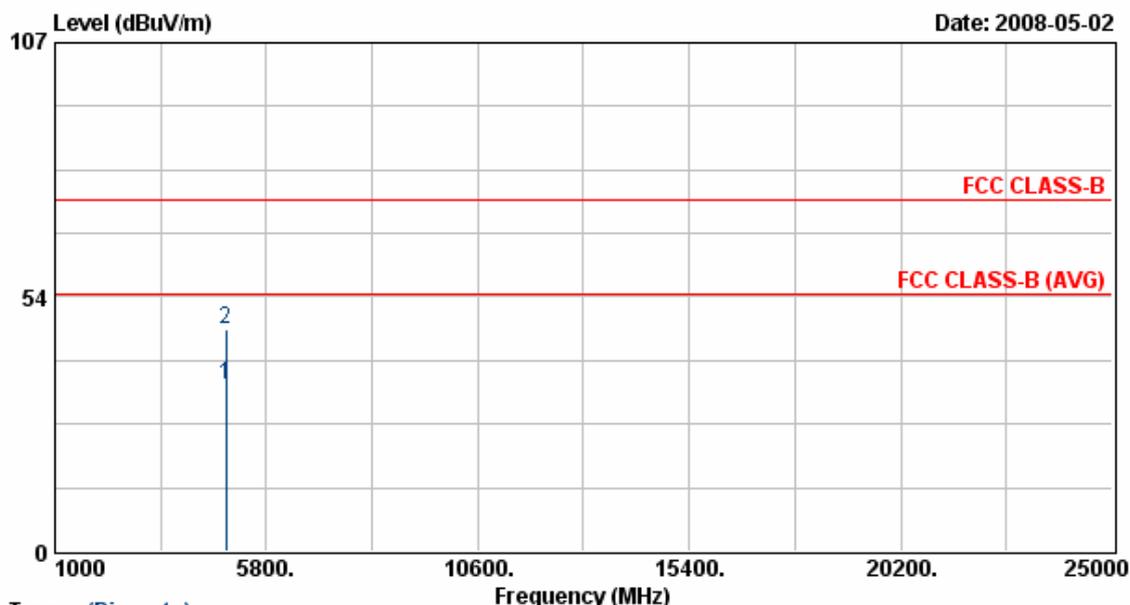
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.15	29.48	5.67	35.15	54.00	-18.85	Average	100	190
2	4824.15	41.16	5.67	46.83	74.00	-27.17	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6Mbps



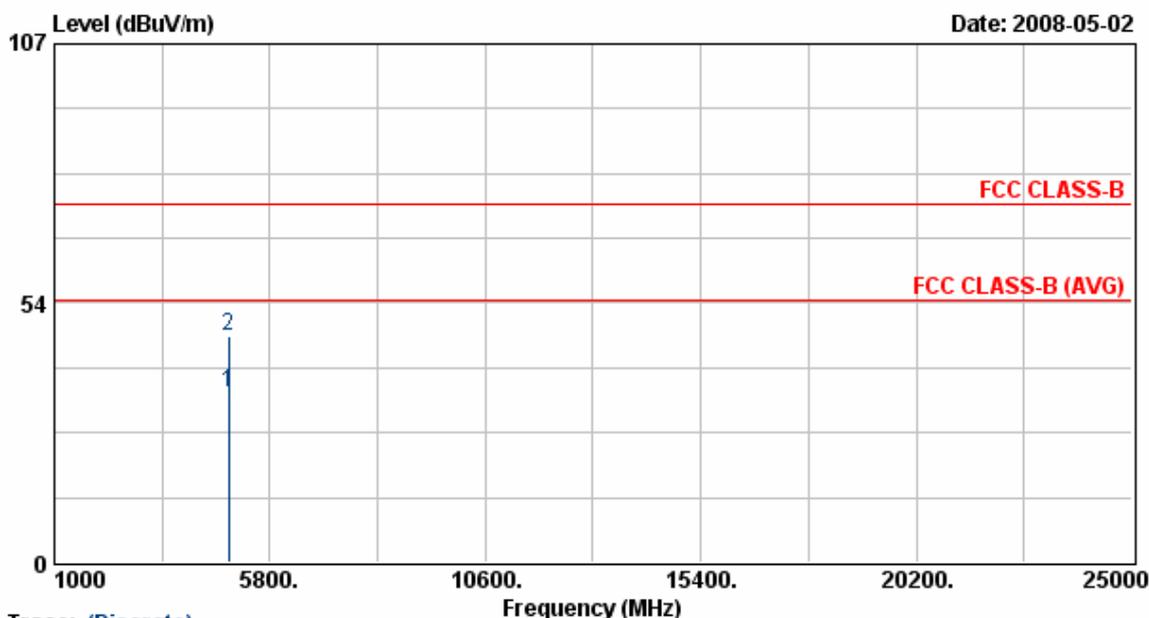
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.98	29.17	5.80	34.97	54.00	-19.03	Average	100	163
2	4873.98	40.83	5.80	46.63	74.00	-27.37	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6Mbps



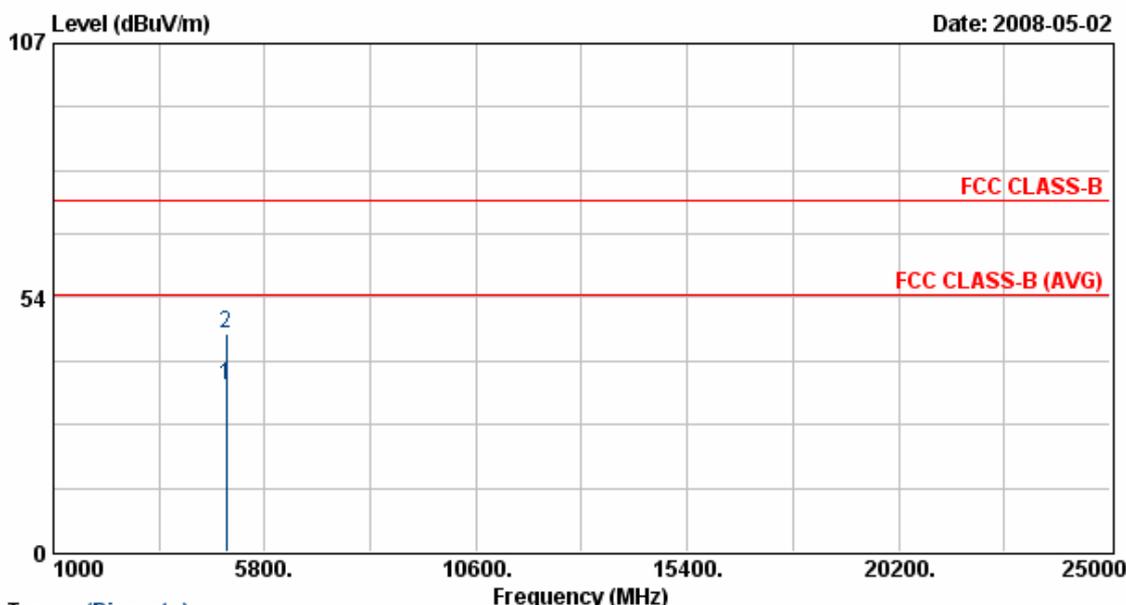
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.03	29.08	5.80	34.88	54.00	-19.12	Average	100	190
2	4874.03	40.70	5.80	46.50	74.00	-27.50	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6Mbps



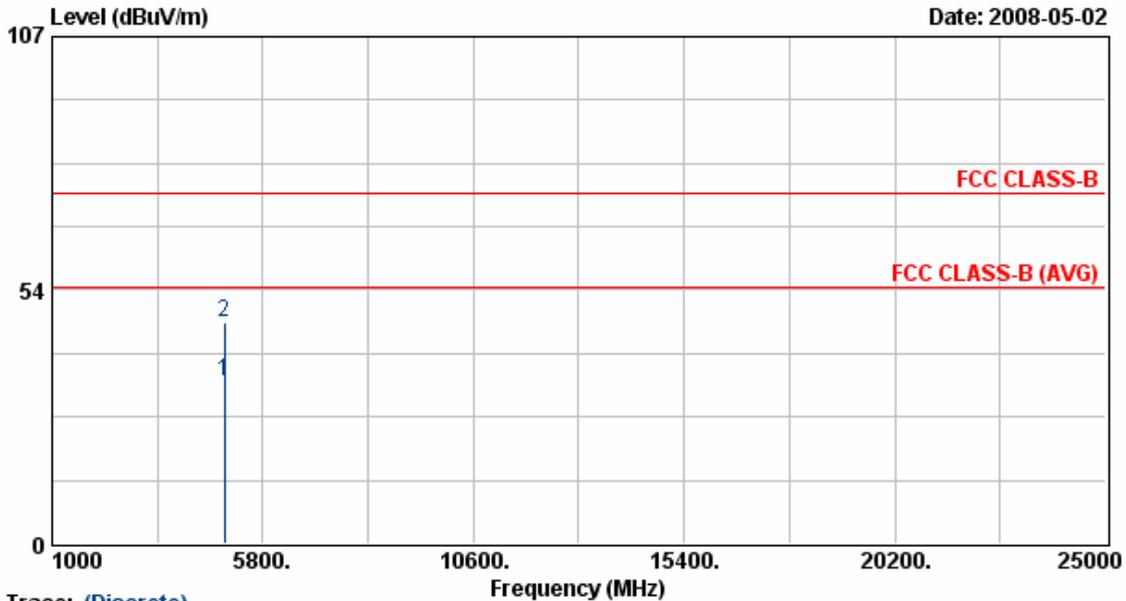
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.93	29.01	5.93	34.94	54.00	-19.06	Average	100	163
2	4923.93	40.08	5.93	46.01	74.00	-27.99	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6Mbps



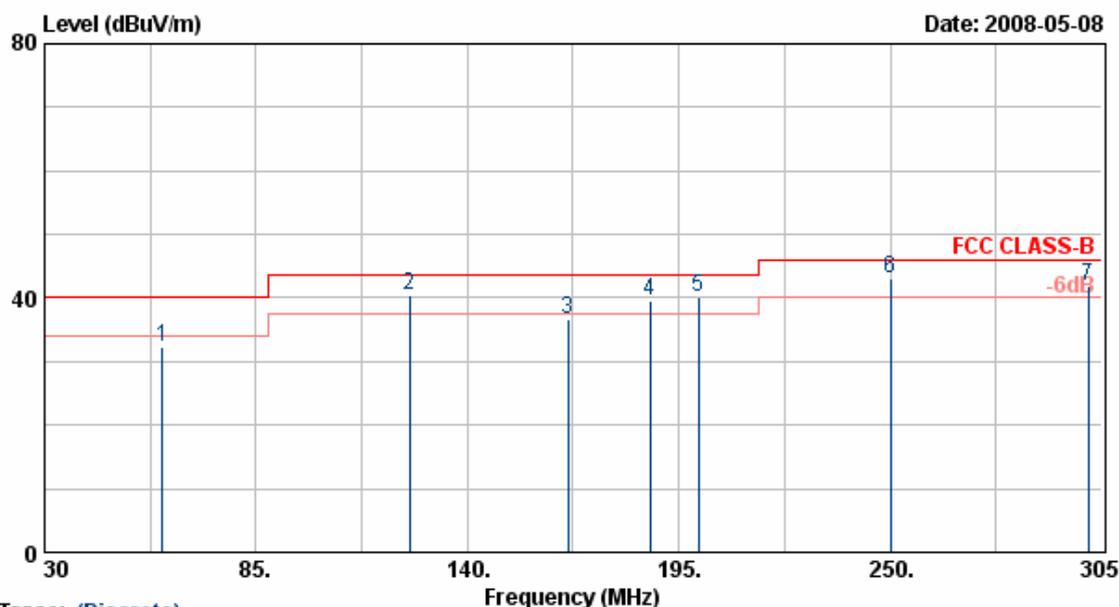
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.08	28.46	5.93	34.39	54.00	-19.61	Average	100	190
2	4924.08	40.66	5.93	46.59	74.00	-27.41	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 2	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6.5Mbps



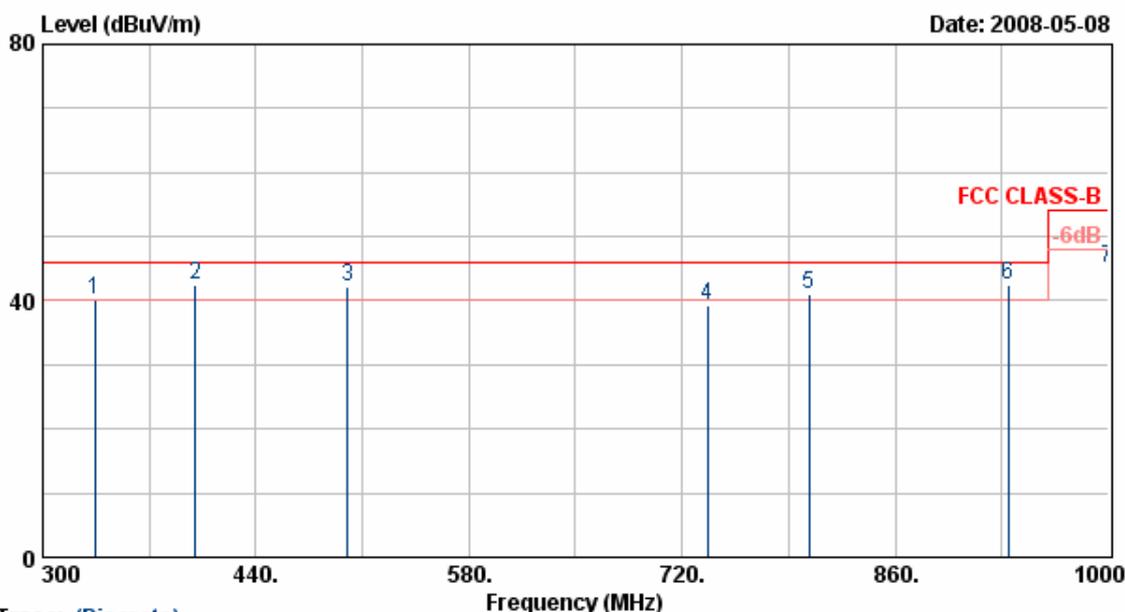
Trace: (Discrete)

Item	Freq MHz	Read Value dBuV/m	Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark	Ant Pos cm	Tab Pos Deg
1	60.70	49.43	-17.07	32.36	40.00	-7.64	Peak	100	0
2	125.00	53.71	-13.29	40.42	43.50	-3.08	QP	100	0
3	166.05	49.77	-13.00	36.76	43.50	-6.74	Peak	100	88
4	187.55	49.87	-10.20	39.67	43.50	-3.83	QP	100	88
5	200.00	51.99	-11.75	40.24	43.50	-3.26	QP	100	55
6	250.00	55.98	-13.04	42.94	46.00	-3.06	QP	100	86
7	301.43	50.98	-9.09	41.89	46.00	-4.11	QP	100	86

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 2	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6.5Mbps



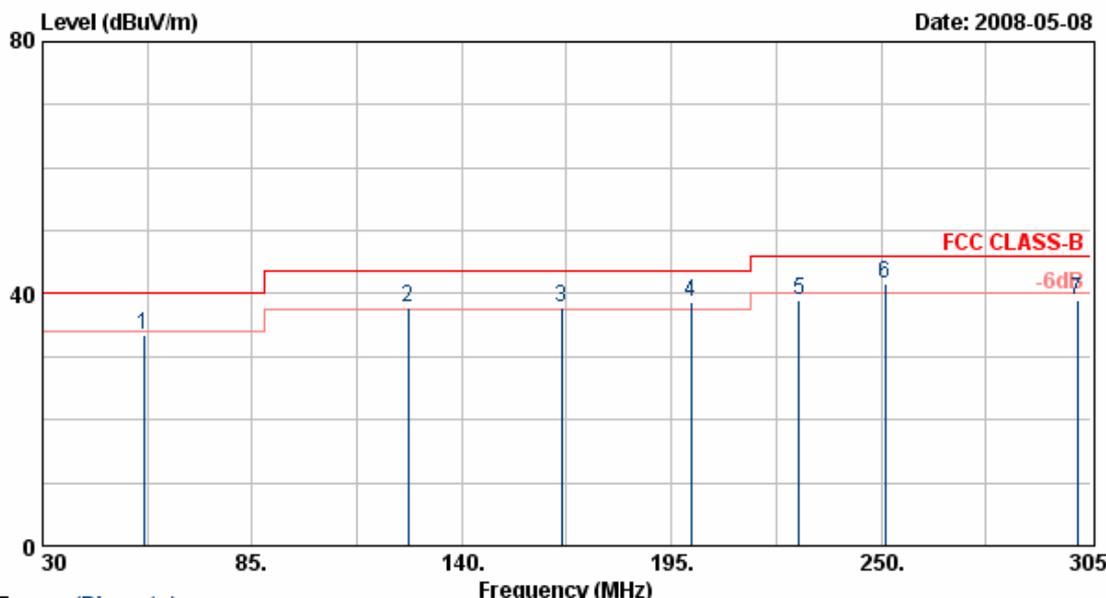
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	50.79	-10.67	40.12	46.00	-5.88	QP	100	99
2	400.00	51.39	-8.86	42.53	46.00	-3.47	QP	100	99
3	500.00	46.96	-4.86	42.10	46.00	-3.90	QP	100	99
4	736.80	36.39	2.84	39.23	46.00	-6.77	Peak	100	52
5	803.30	43.75	-2.76	40.99	46.00	-5.01	QP	100	52
6	934.33	43.52	-1.07	42.45	46.00	-3.55	QP	100	0
7	999.90	43.48	1.49	44.97	54.00	-9.03	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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 2	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6.5Mbps



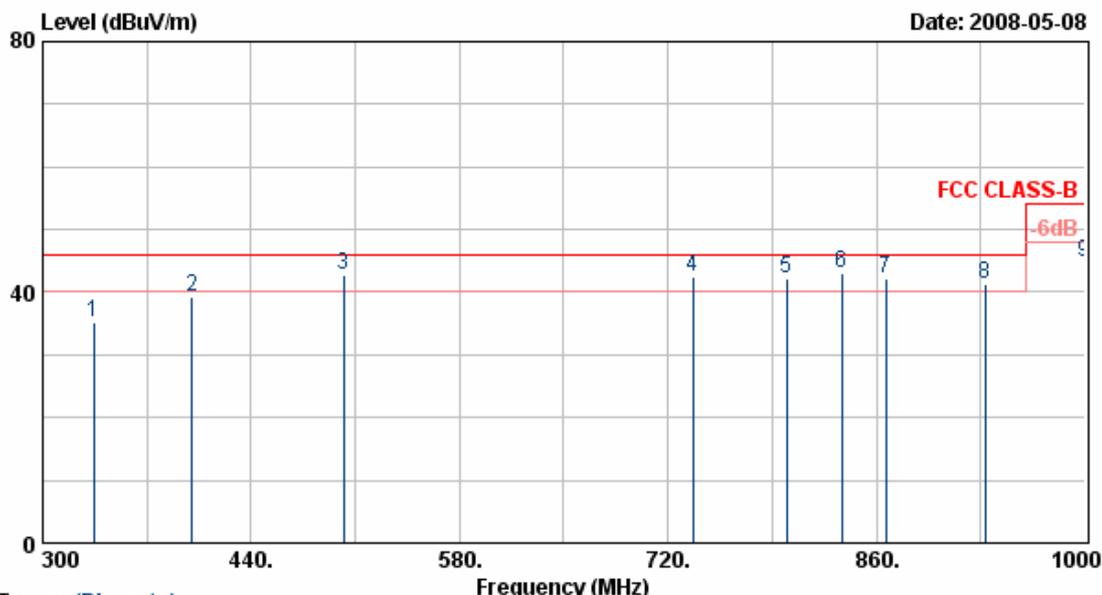
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	56.50	55.44	-22.06	33.38	40.00	-6.62	Peak	200	0
2	125.99	57.31	-19.62	37.69	43.50	-5.81	QP	200	0
3	166.23	56.41	-18.64	37.77	43.50	-5.73	QP	200	72
4	200.00	53.17	-14.49	38.68	43.50	-4.82	QP	200	72
5	228.55	57.34	-18.38	38.96	46.00	-7.04	Peak	200	72
6	251.10	58.97	-17.31	41.66	46.00	-4.34	QP	200	129
7	301.43	53.27	-14.33	38.94	46.00	-7.06	Peak	200	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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 2	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6.5Mbps



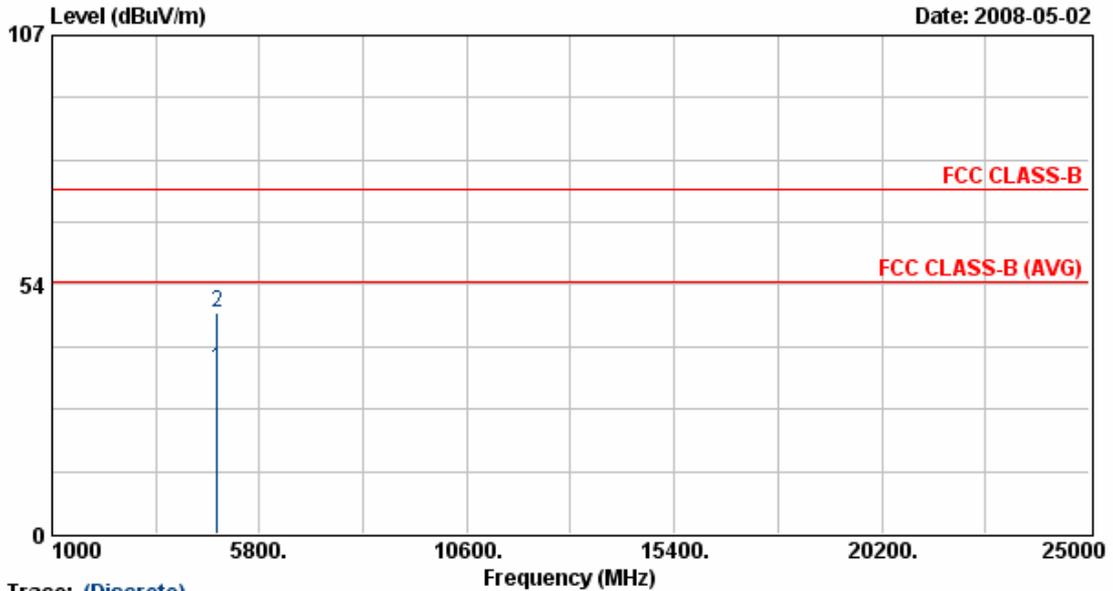
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	47.44	-12.21	35.23	46.00	-10.77	Peak	200	10
2	400.00	50.48	-11.31	39.17	46.00	-6.83	Peak	200	58
3	502.30	47.87	-5.03	42.84	46.00	-3.16	QP	200	96
4	736.80	42.97	-0.52	42.45	46.00	-3.55	QP	200	125
5	799.99	42.58	-0.54	42.04	46.00	-3.96	QP	200	125
6	836.90	40.25	2.71	42.96	46.00	-3.04	QP	200	125
7	866.63	38.51	3.60	42.11	46.00	-3.89	QP	200	111
8	933.30	36.28	5.17	41.45	46.00	-4.55	QP	200	111
9	999.97	41.58	3.29	44.87	54.00	-9.13	Peak	200	251

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. According to technical experiences,all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 2	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6.5Mbps



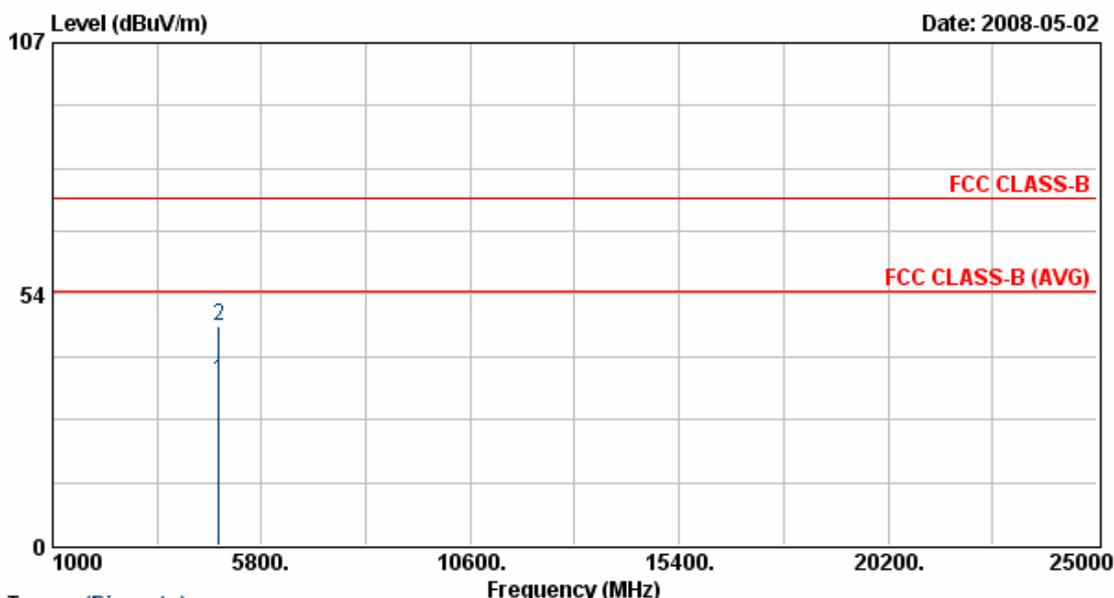
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.90	29.67	5.67	35.34	54.00	-18.66	Average	100	163
2	4823.90	41.77	5.67	47.44	74.00	-26.56	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 2	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6.5Mbps



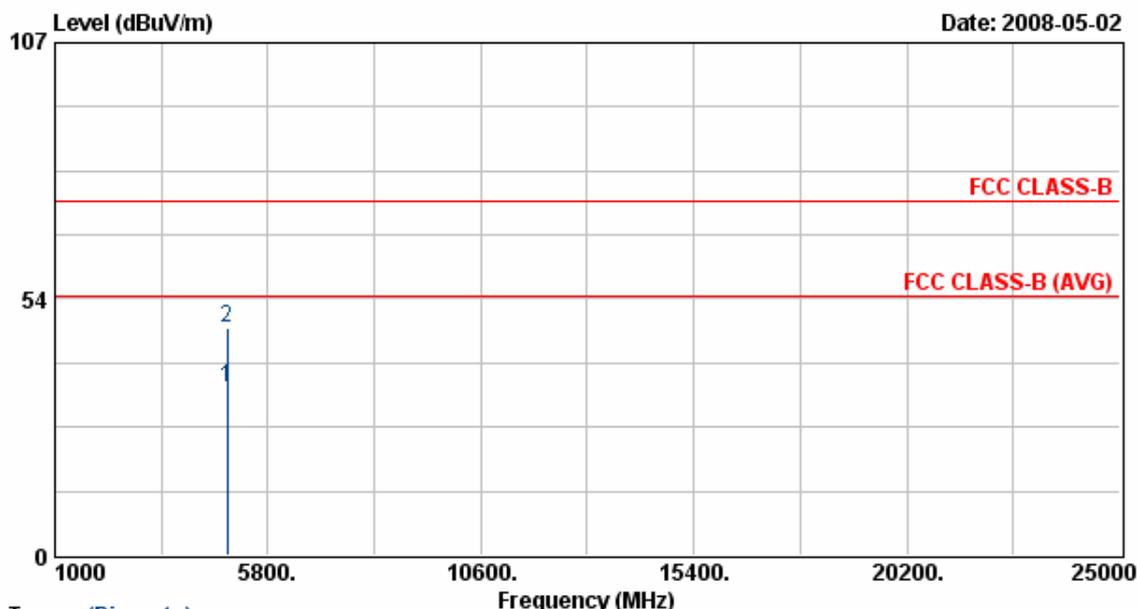
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.08	29.48	5.67	35.15	54.00	-18.85	Average	100	190
2	4824.08	41.17	5.67	46.84	74.00	-27.16	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 2	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6.5Mbps



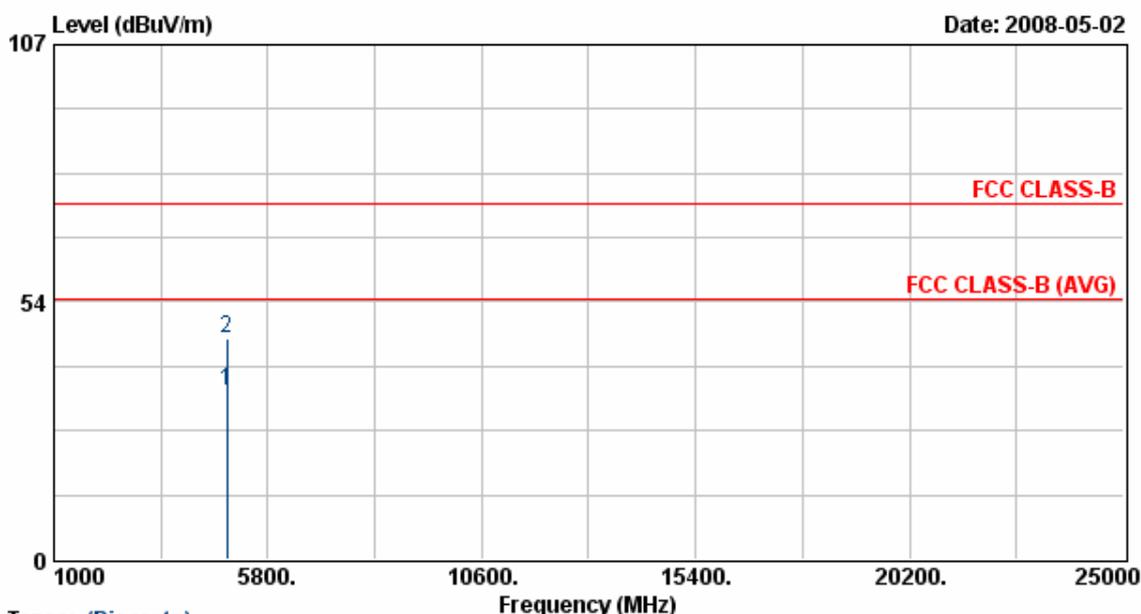
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.88	29.36	5.80	35.17	54.00	-18.83	Average	100	163
2	4873.88	41.52	5.80	47.32	74.00	-26.68	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 2	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6.5Mbps



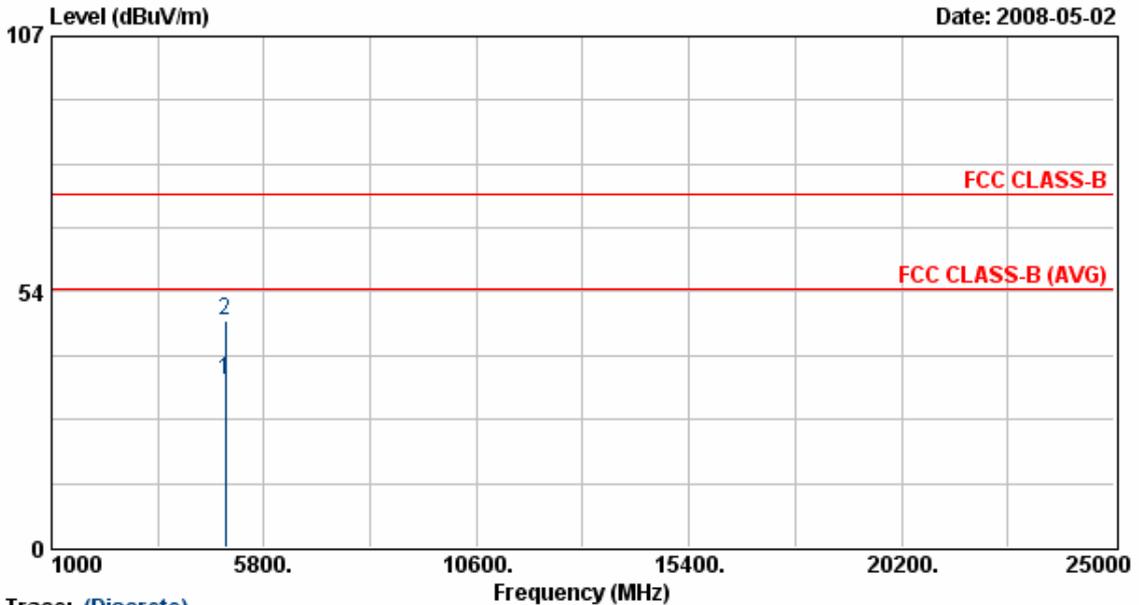
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.83	29.36	5.80	35.16	54.00	-18.84	Average	100	190
2	4873.83	40.23	5.80	46.04	74.00	-27.96	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 2	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6.5Mbps



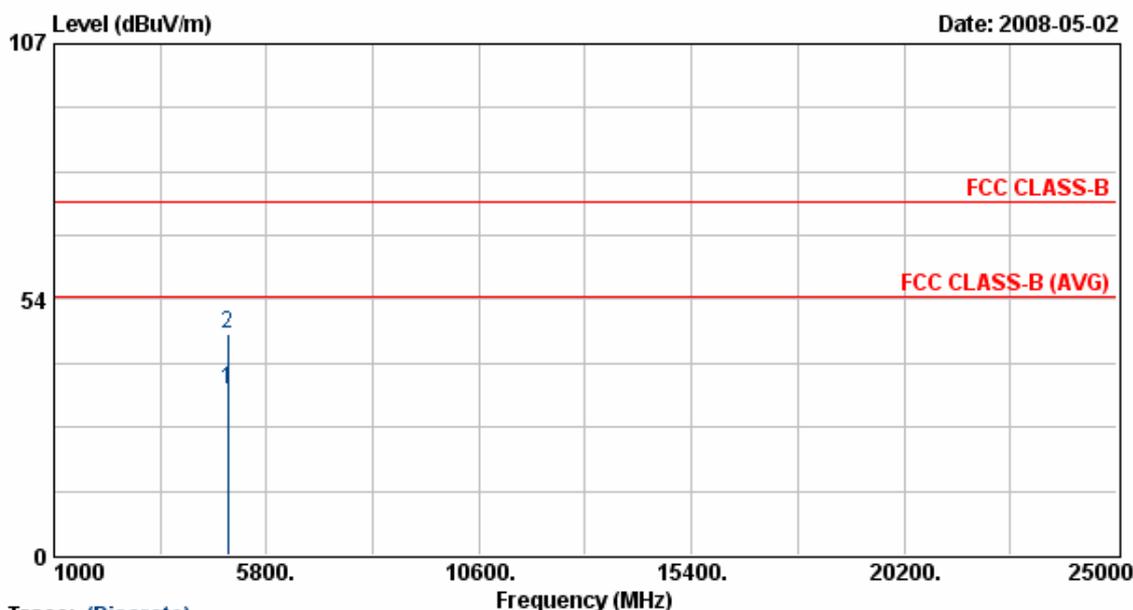
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.93	29.27	5.93	35.20	54.00	-18.80	Average	100	163
2	4923.93	41.47	5.93	47.40	74.00	-26.60	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 2	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6.5Mbps



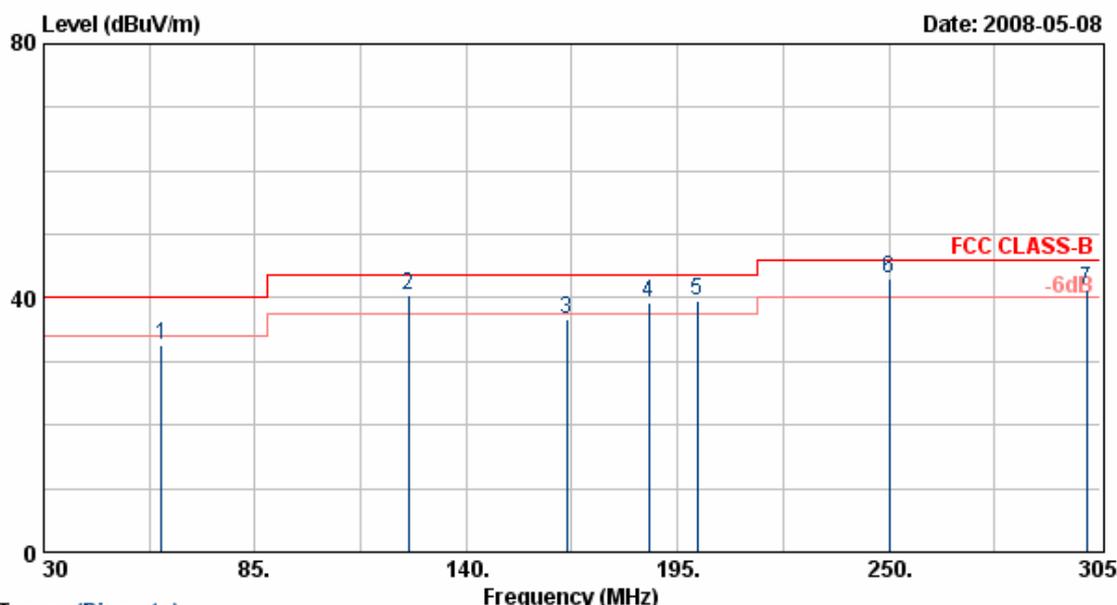
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.00	28.53	5.93	34.47	54.00	-19.53	Average	100	190
2	4924.00	40.37	5.93	46.30	74.00	-27.70	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 3	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 13.5Mbps



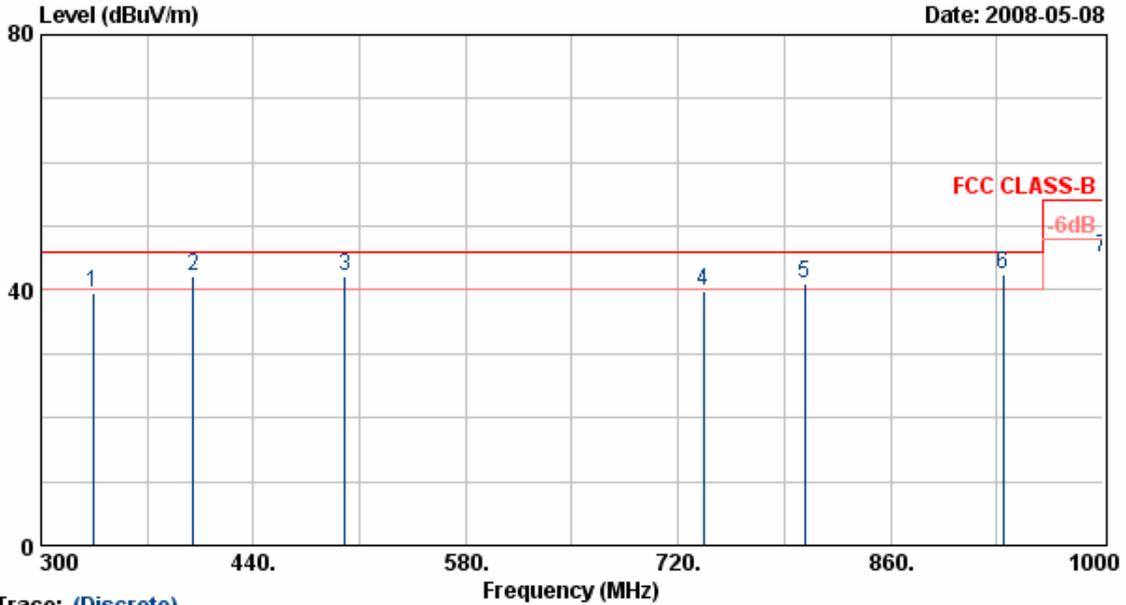
Trace: (Discrete)

Item	Freq MHz	Read Value dBuV/m	Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark	Ant Pos cm	Tab Pos Deg
1	60.70	49.57	-17.07	32.50	40.00	-7.50	Peak	100	0
2	125.00	53.65	-13.29	40.36	43.50	-3.14	QP	100	0
3	166.05	49.62	-13.00	36.62	43.50	-6.88	Peak	100	88
4	187.55	49.62	-10.20	39.42	43.50	-4.08	QP	100	88
5	200.00	51.33	-11.75	39.58	43.50	-3.92	QP	100	55
6	250.00	55.96	-13.04	42.92	46.00	-3.08	QP	100	86
7	301.43	50.33	-9.09	41.24	46.00	-4.76	QP	100	86

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 3	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 13.5Mbps



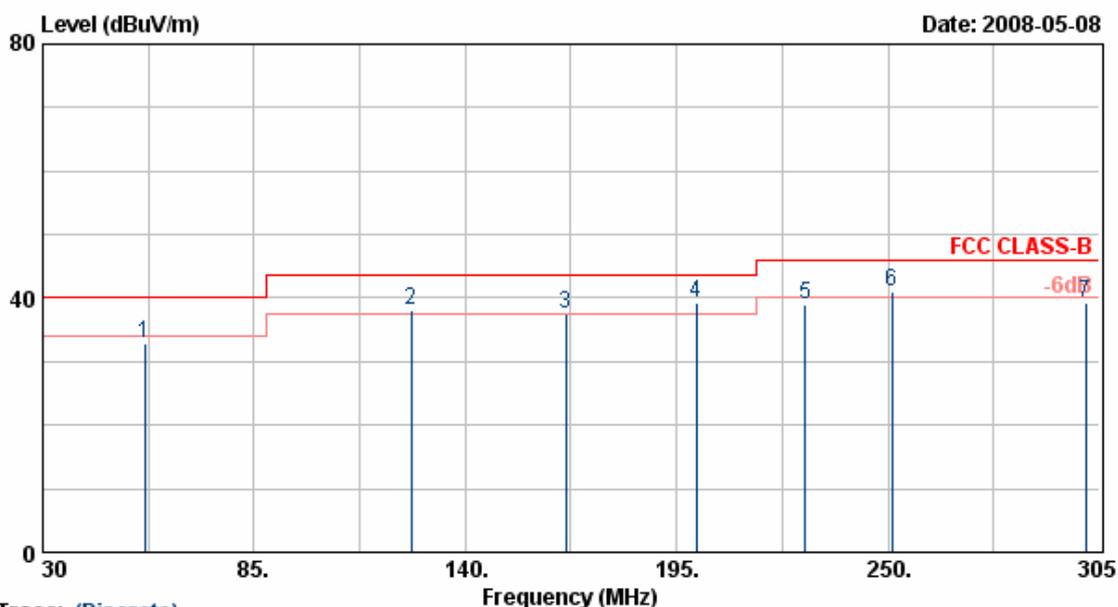
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	50.28	-10.67	39.61	46.00	-6.39	Peak	100	99
2	400.00	50.96	-8.86	42.10	46.00	-3.90	QP	100	99
3	500.00	46.90	-4.86	42.04	46.00	-3.96	QP	100	99
4	736.80	36.99	2.84	39.82	46.00	-6.18	Peak	100	52
5	803.30	43.87	-2.76	41.11	46.00	-4.89	QP	100	52
6	934.33	43.58	-1.07	42.51	46.00	-3.49	QP	100	0
7	999.90	43.67	1.49	45.16	54.00	-8.84	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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 3	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 13.5Mbps



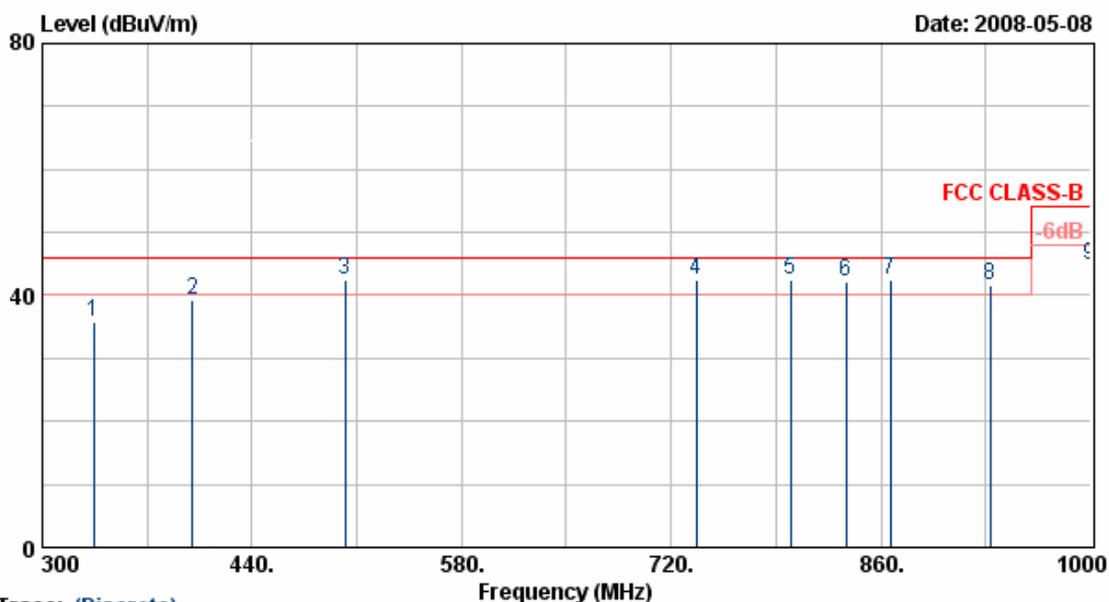
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	56.50	55.00	-22.06	32.94	40.00	-7.06	Peak	200	0
2	125.99	57.68	-19.62	38.06	43.50	-5.44	QP	200	0
3	166.23	56.11	-18.64	37.47	43.50	-6.03	Peak	200	72
4	200.00	53.88	-14.49	39.39	43.50	-4.11	QP	200	72
5	228.55	57.30	-18.38	38.92	46.00	-7.08	Peak	200	72
6	251.10	58.27	-17.31	40.95	46.00	-5.05	QP	200	129
7	301.43	53.48	-14.33	39.15	46.00	-6.85	Peak	200	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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 3	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 13.5Mbps



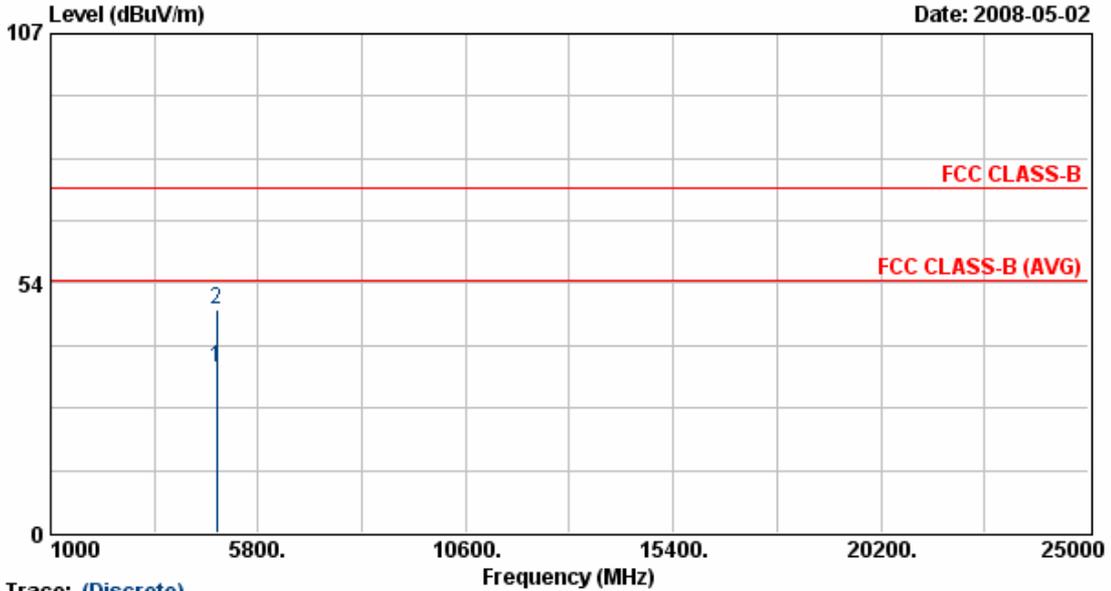
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	47.90	-12.21	35.69	46.00	-10.31	Peak	200	10
2	400.00	50.45	-11.31	39.14	46.00	-6.86	Peak	200	58
3	502.30	47.49	-5.03	42.46	46.00	-3.54	QP	200	96
4	736.80	42.99	-0.52	42.46	46.00	-3.54	QP	200	125
5	799.99	42.99	-0.54	42.45	46.00	-3.55	QP	200	125
6	836.90	39.59	2.71	42.30	46.00	-3.70	QP	200	125
7	866.63	39.00	3.60	42.60	46.00	-3.40	QP	200	111
8	933.30	36.34	5.17	41.51	46.00	-4.49	QP	200	111
9	999.97	41.58	3.29	44.87	54.00	-9.13	Peak	200	251

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 3	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 13.5Mbps



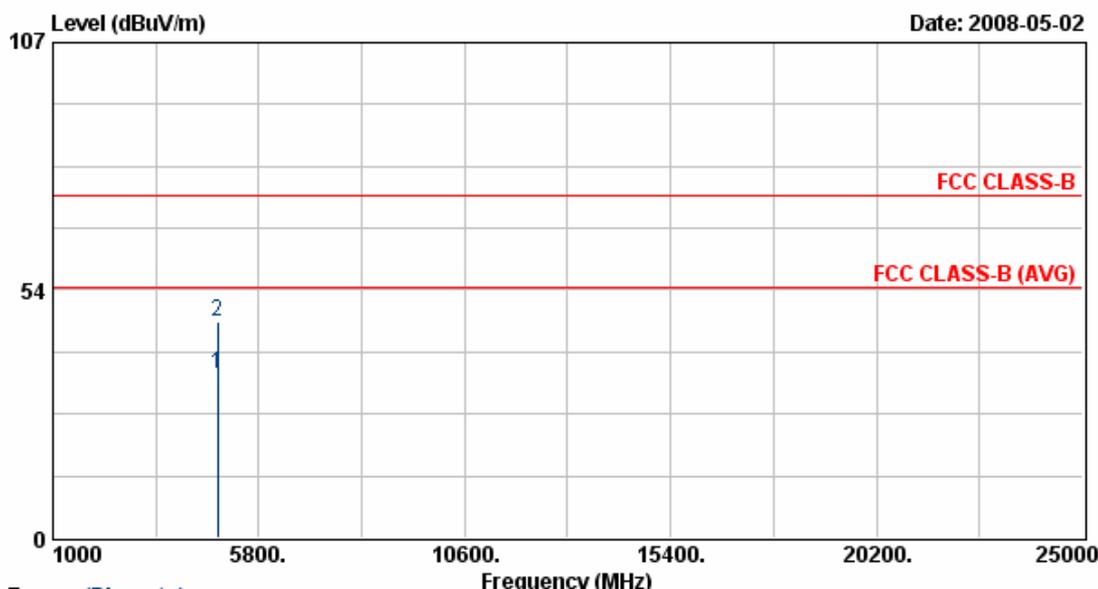
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4844.23	29.57	5.72	35.29	54.00	-18.71	Average	100	163
2	4844.23	42.22	5.72	47.95	74.00	-26.05	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 3	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 13.5Mbps



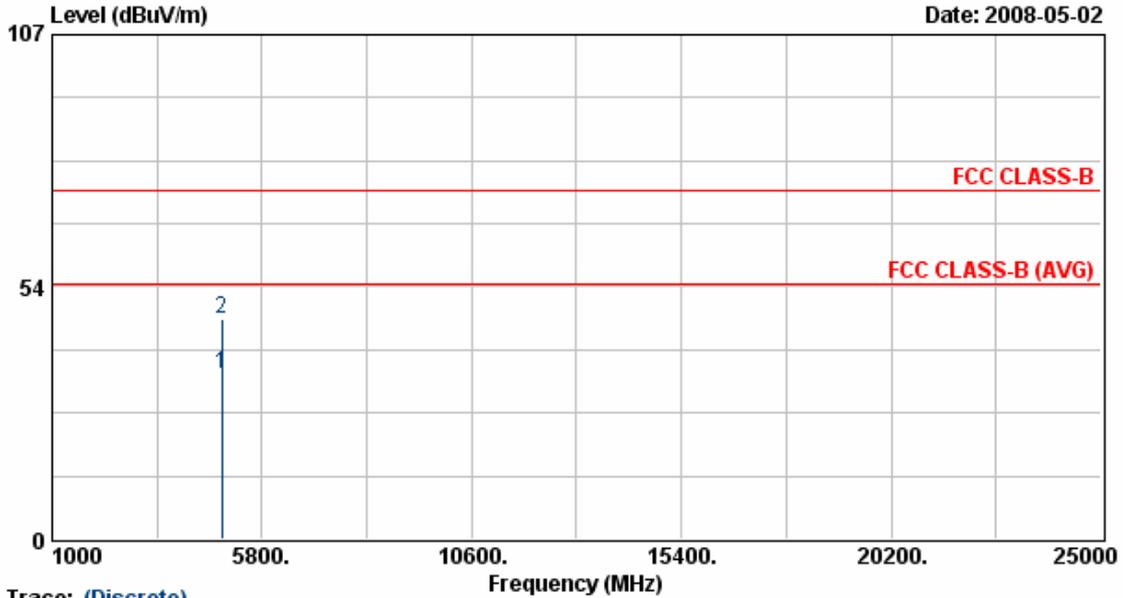
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4844.15	29.66	5.72	35.38	54.00	-18.62	Average	100	190
2	4844.15	41.13	5.72	46.85	74.00	-27.15	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 3	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 13.5Mbps



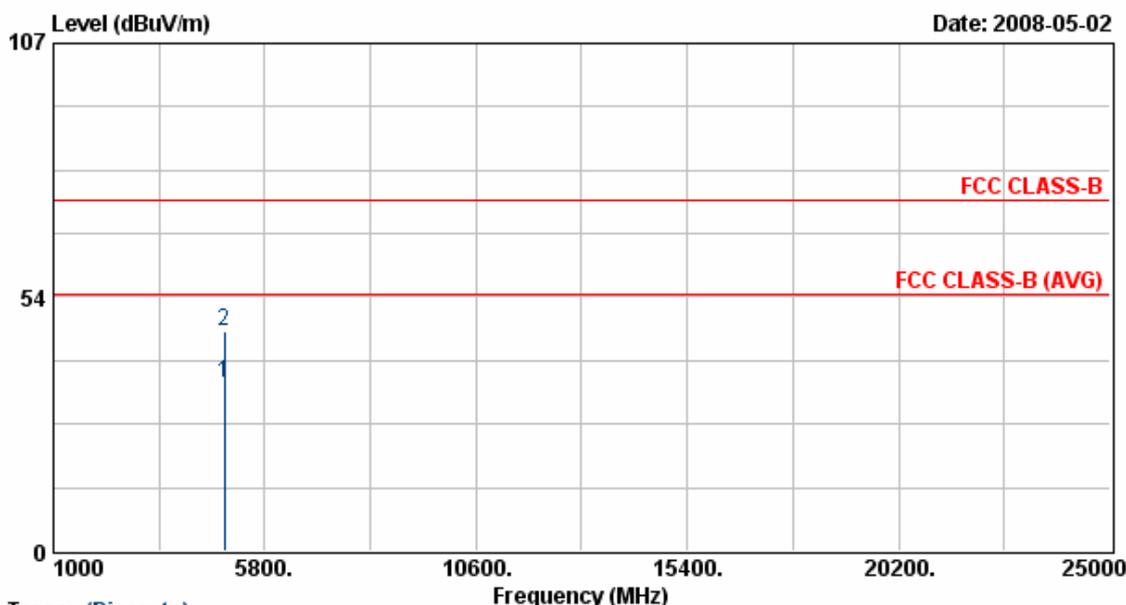
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.98	29.24	5.80	35.04	54.00	-18.96	Average	100	163
2	4873.98	40.87	5.80	46.67	74.00	-27.33	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 3	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 13.5Mbps



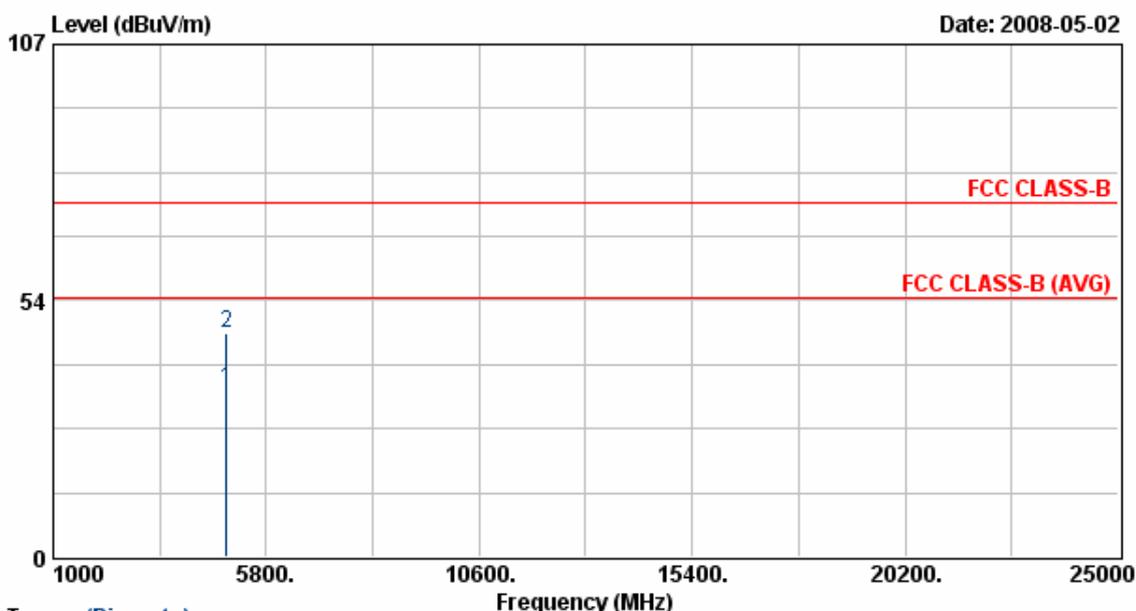
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.03	29.68	5.80	35.48	54.00	-18.52	Average	100	190
2	4874.03	40.60	5.80	46.40	74.00	-27.60	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 3	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 9	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 13.5Mbps



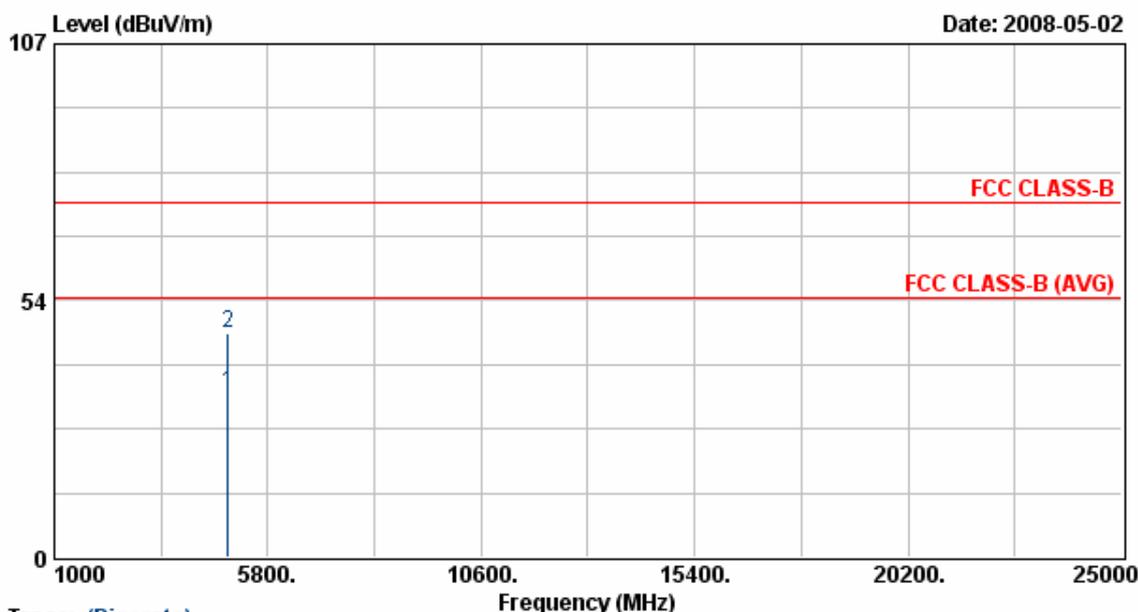
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4903.93	29.27	5.88	35.15	54.00	-18.85	Average	100	163
2	4903.93	40.77	5.88	46.65	74.00	-27.35	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 3	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 9	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 13.5Mbps



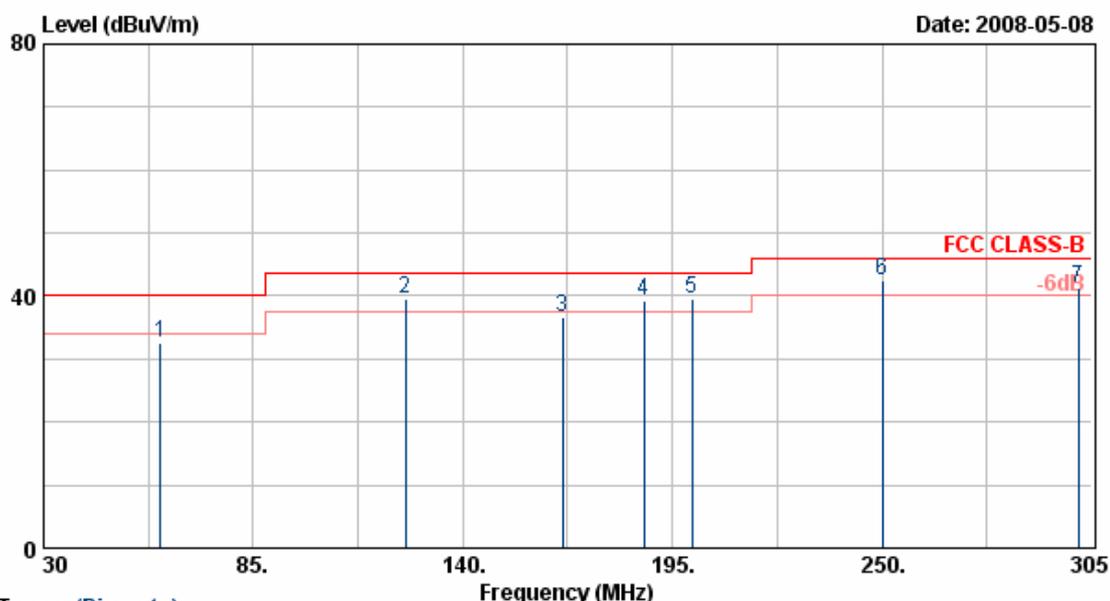
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4904.08	28.47	5.88	34.35	54.00	-19.65	Average	100	190
2	4904.08	40.66	5.88	46.54	74.00	-27.46	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 4	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6.5Mbps



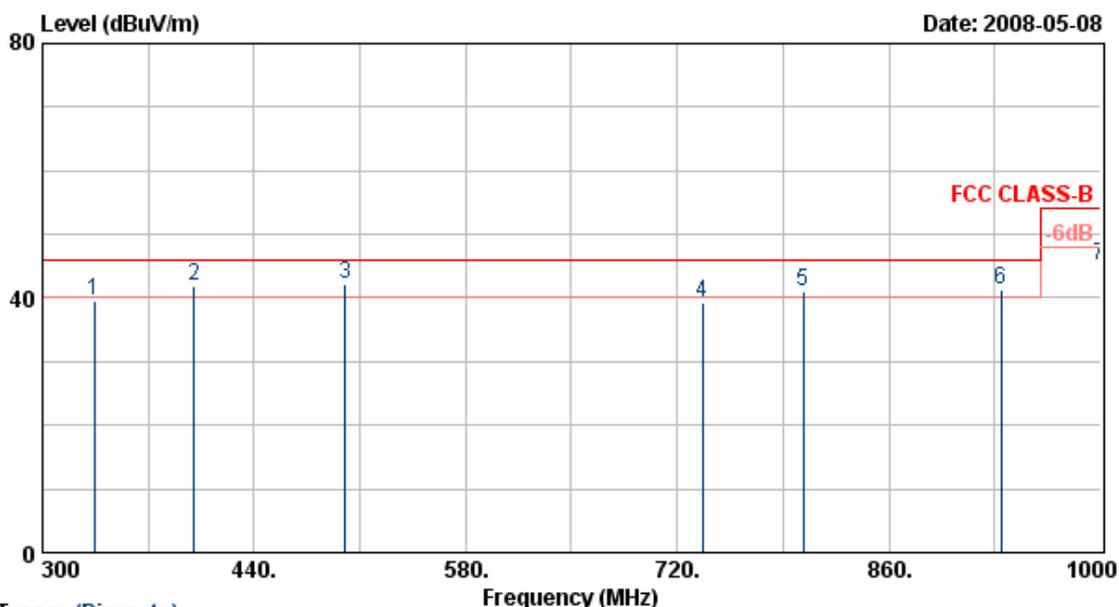
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	60.70	49.57	-17.07	32.50	40.00	-7.50	Peak	100	0
2	125.00	52.88	-13.29	39.59	43.50	-3.91	QP	100	0
3	166.05	49.62	-13.00	36.62	43.50	-6.88	Peak	100	88
4	187.55	49.48	-10.20	39.28	43.50	-4.22	QP	100	88
5	200.00	51.33	-11.75	39.58	43.50	-3.92	QP	100	55
6	250.00	55.49	-13.04	42.45	46.00	-3.55	QP	100	86
7	301.43	50.33	-9.09	41.24	46.00	-4.76	QP	100	86

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 4	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6.5Mbps



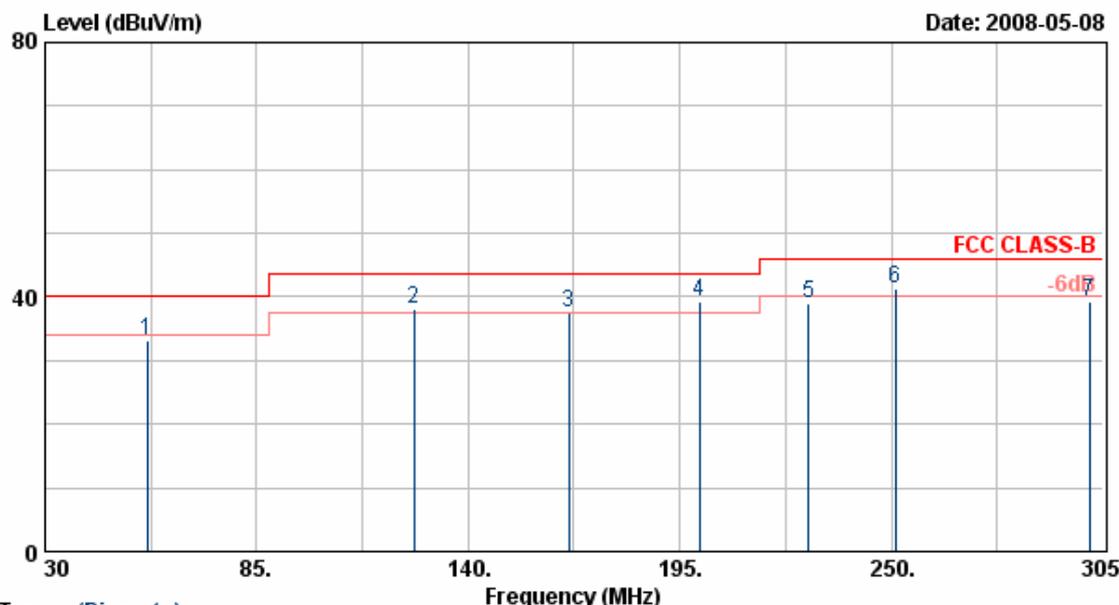
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	50.28	-10.67	39.61	46.00	-6.39	Peak	100	99
2	400.00	50.89	-8.86	42.03	46.00	-3.97	QP	100	99
3	500.00	46.90	-4.86	42.04	46.00	-3.96	QP	100	99
4	736.80	36.30	2.84	39.14	46.00	-6.86	Peak	100	52
5	803.30	43.87	-2.76	41.11	46.00	-4.89	QP	100	52
6	934.33	42.52	-1.07	41.45	46.00	-4.55	QP	100	0
7	999.90	43.67	1.49	45.16	54.00	-8.84	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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 4	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6.5Mbps



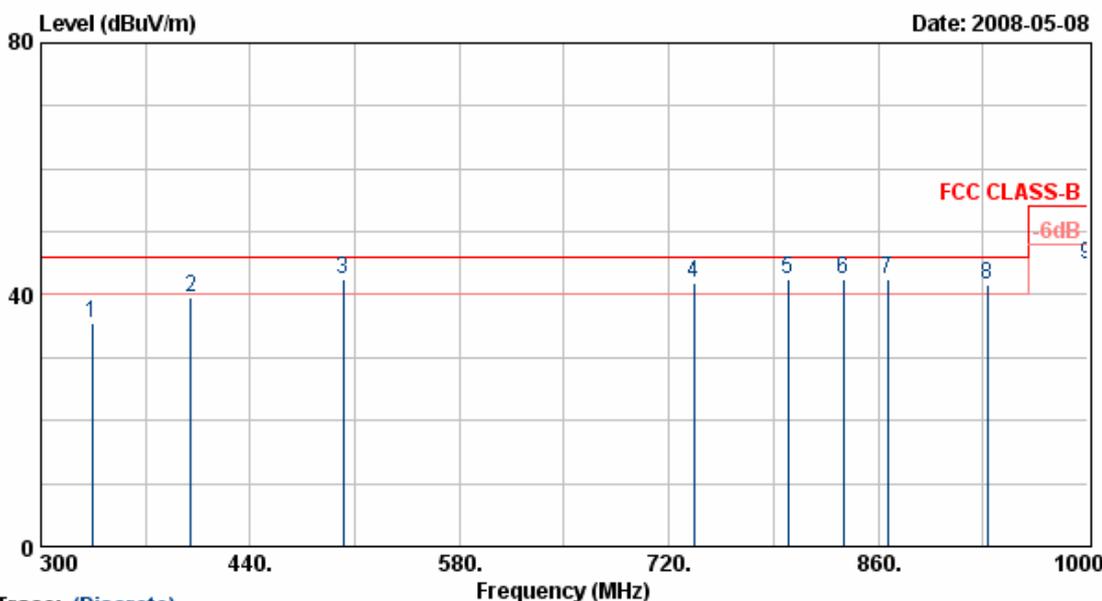
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	56.50	55.16	-22.06	33.10	40.00	-6.90	Peak	200	0
2	125.99	57.86	-19.62	38.24	43.50	-5.26	QP	200	0
3	166.23	56.11	-18.64	37.47	43.50	-6.03	Peak	200	72
4	200.00	53.75	-14.49	39.26	43.50	-4.24	QP	200	72
5	228.55	57.30	-18.38	38.92	46.00	-7.08	Peak	200	72
6	251.10	58.49	-17.31	41.17	46.00	-4.83	QP	200	129
7	301.43	53.48	-14.33	39.15	46.00	-6.85	Peak	200	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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 4	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6.5Mbps



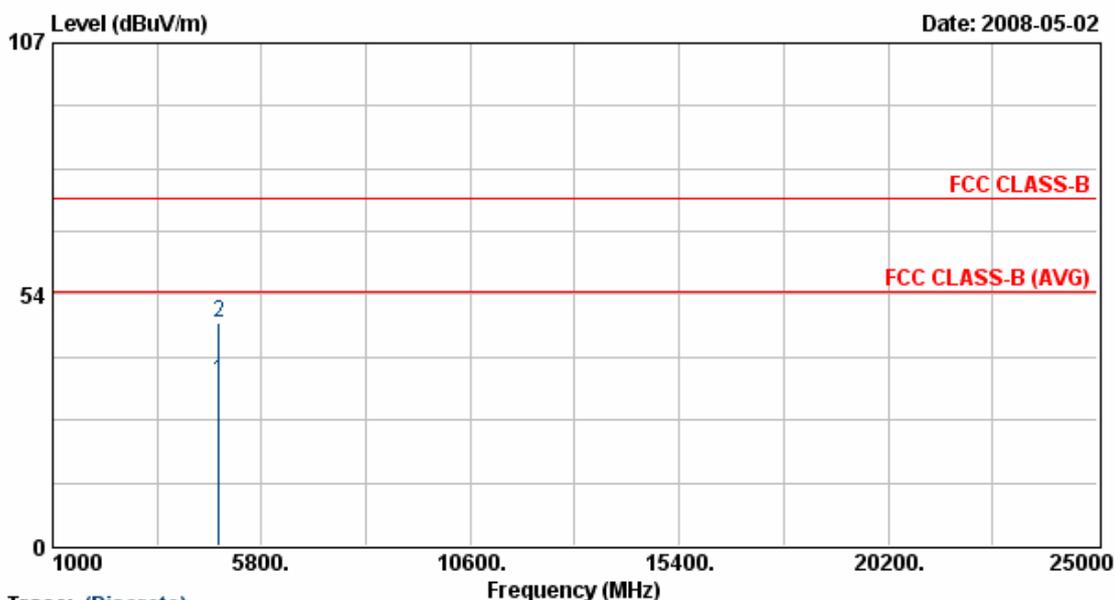
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	47.81	-12.21	35.60	46.00	-10.40	Peak	200	10
2	400.00	50.74	-11.31	39.43	46.00	-6.57	Peak	200	58
3	502.30	47.49	-5.03	42.46	46.00	-3.54	QP	200	96
4	736.80	42.48	-0.52	41.96	46.00	-4.04	QP	200	125
5	799.99	42.99	-0.54	42.45	46.00	-3.55	QP	200	125
6	836.90	39.81	2.71	42.52	46.00	-3.48	QP	200	125
7	866.63	39.00	3.60	42.60	46.00	-3.40	QP	200	111
8	933.30	36.46	5.17	41.63	46.00	-4.37	QP	200	111
9	999.97	41.58	3.29	44.87	54.00	-9.13	Peak	200	251

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 4	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6.5Mbps



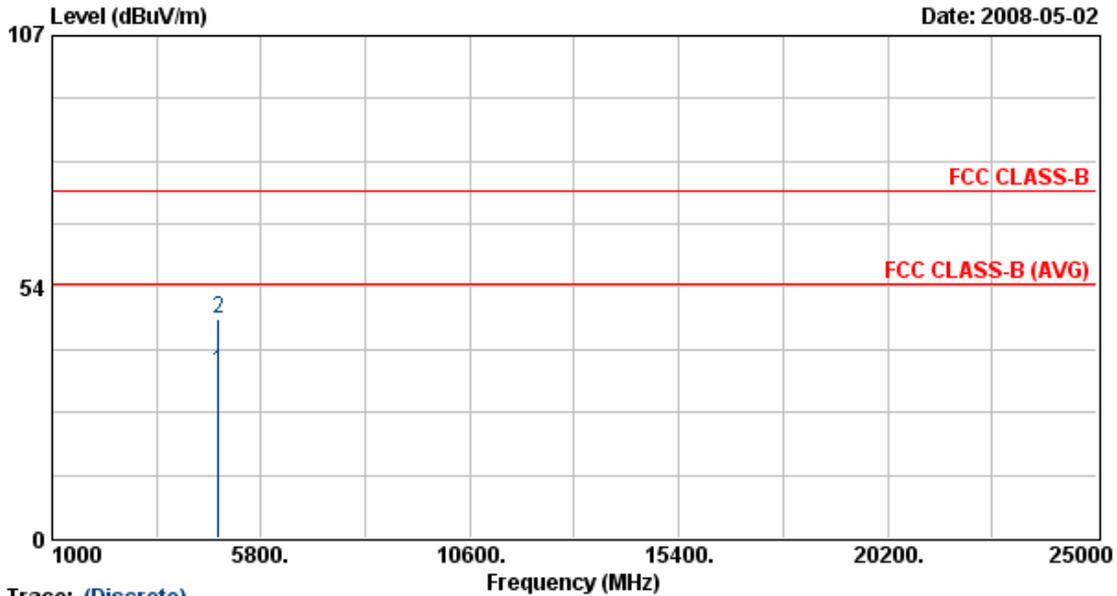
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.90	29.23	5.67	34.90	54.00	-19.10	Average	100	163
2	4823.90	41.77	5.67	47.44	74.00	-26.56	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 4	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6.5Mbps



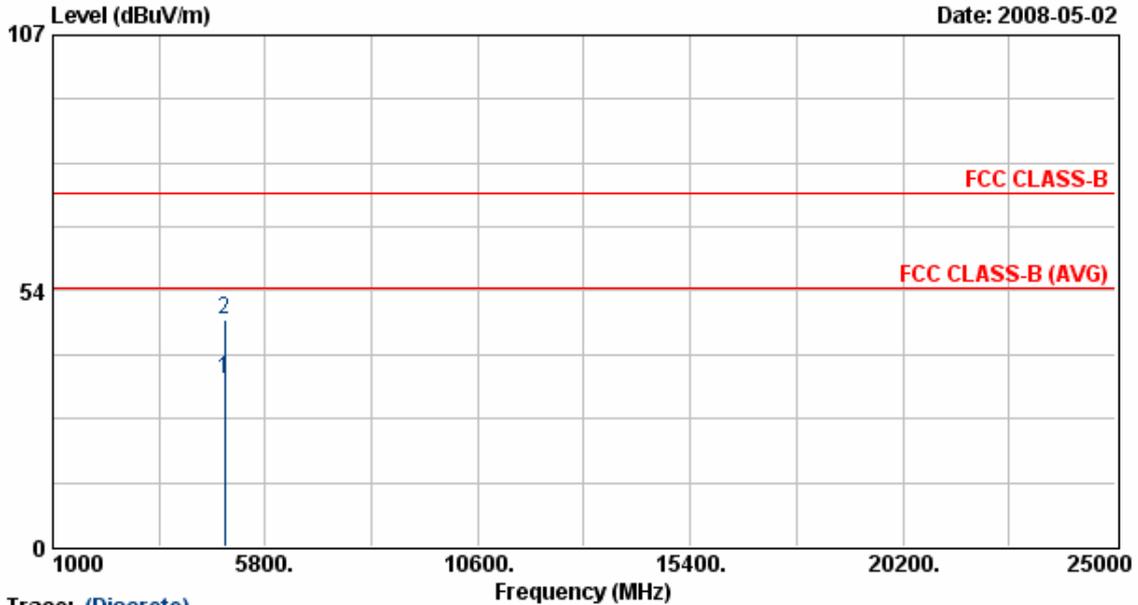
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.08	29.55	5.67	35.23	54.00	-18.77	Average	100	190
2	4824.08	41.17	5.67	46.84	74.00	-27.16	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 4	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6.5Mbps



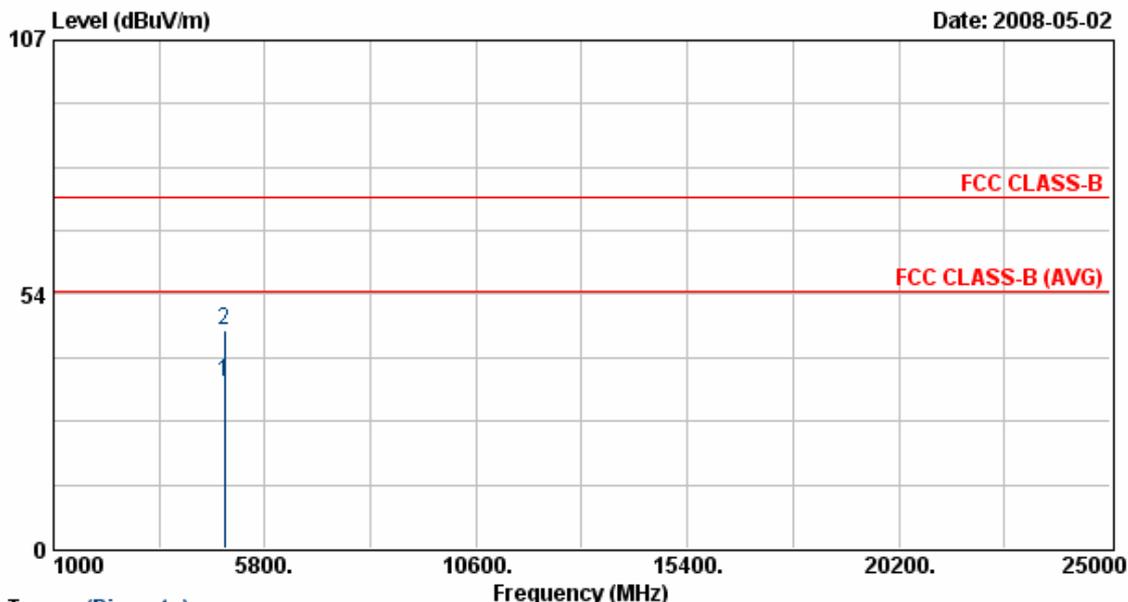
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.88	29.33	5.80	35.13	54.00	-18.87	Average	100	163
2	4873.88	41.52	5.80	47.32	74.00	-26.68	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 4	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6.5Mbps



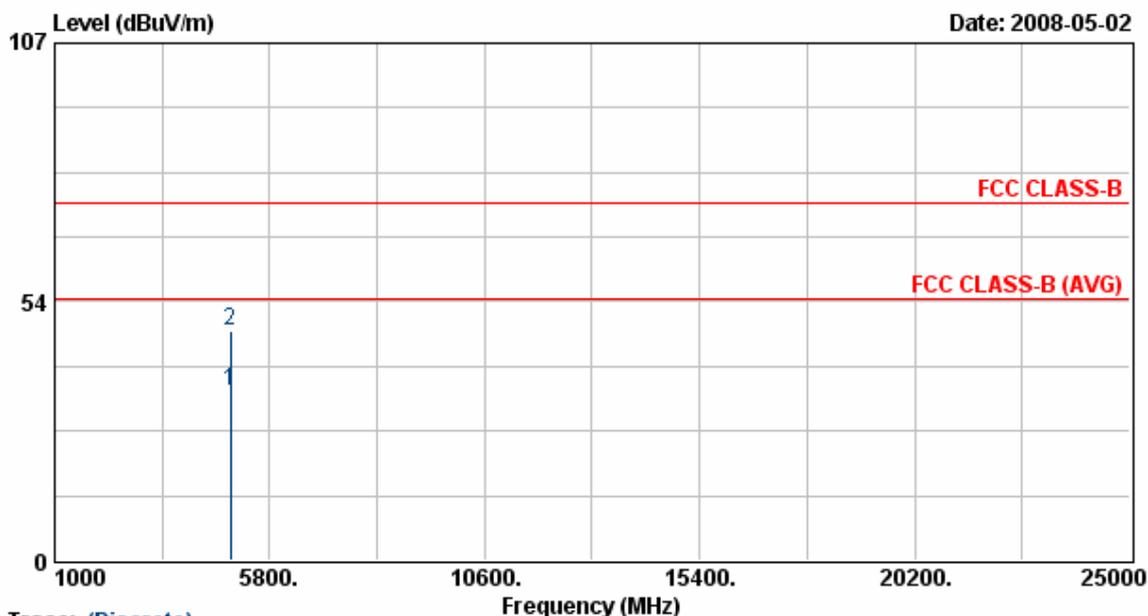
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.83	29.38	5.80	35.18	54.00	-18.82	Average	100	190
2	4873.83	40.23	5.80	46.04	74.00	-27.96	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 4	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6.5Mbps



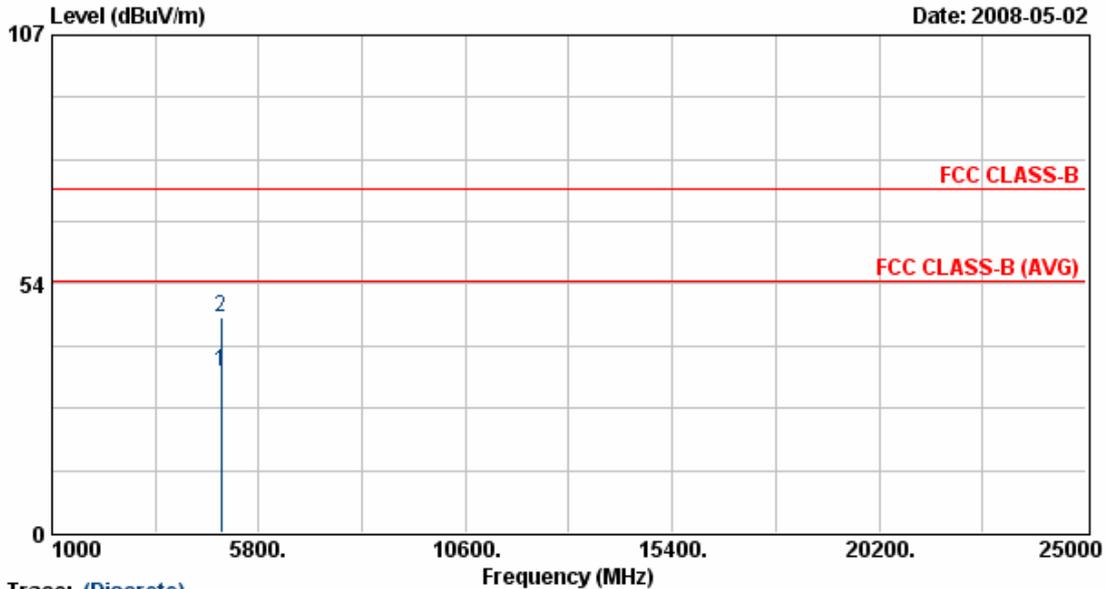
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.93	29.23	5.93	35.17	54.00	-18.83	Average	100	163
2	4923.93	41.50	5.93	47.43	74.00	-26.57	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 4	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 6.5Mbps



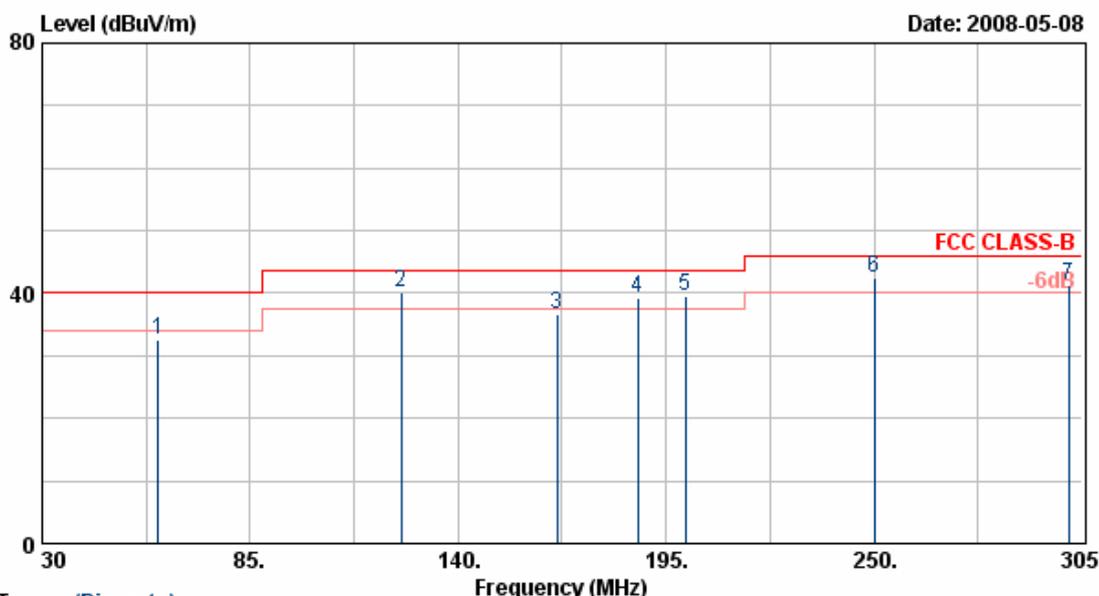
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.00	28.54	5.93	34.48	54.00	-19.52	Average	100	190
2	4924.00	40.37	5.93	46.30	74.00	-27.70	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 5	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 13.5Mbps



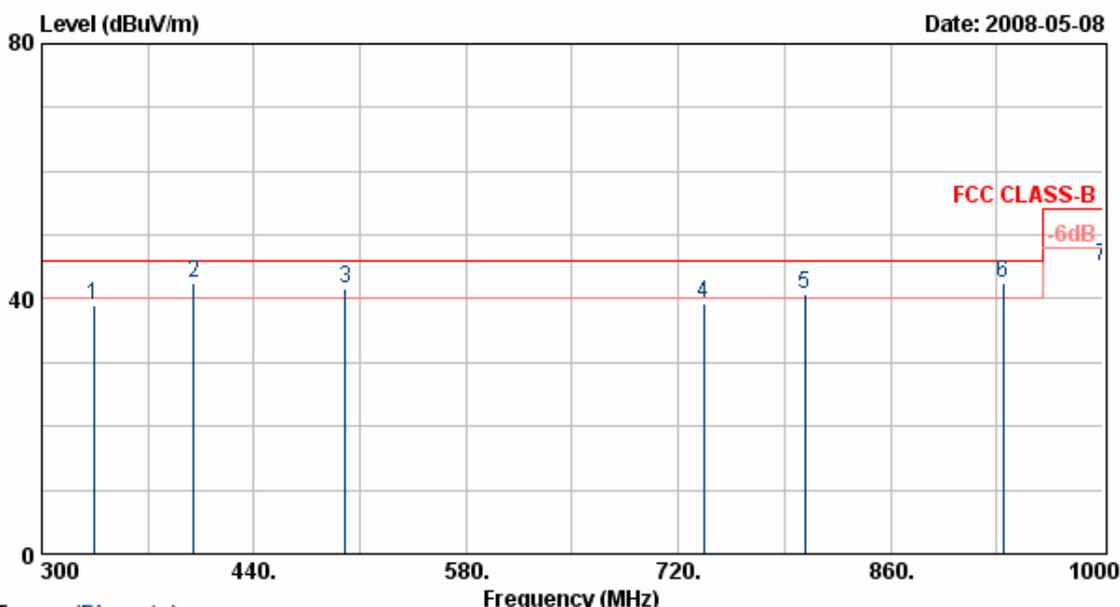
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	60.70	49.57	-17.07	32.50	40.00	-7.50	Peak	100	0
2	125.00	53.47	-13.29	40.18	43.50	-3.32	QP	100	0
3	166.05	49.62	-13.00	36.62	43.50	-6.88	Peak	100	88
4	187.55	49.45	-10.20	39.25	43.50	-4.25	QP	100	88
5	200.00	51.33	-11.75	39.58	43.50	-3.92	QP	100	55
6	250.00	55.49	-13.04	42.45	46.00	-3.55	QP	100	86
7	301.43	50.33	-9.09	41.24	46.00	-4.76	QP	100	86

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 5	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 13.5Mbps



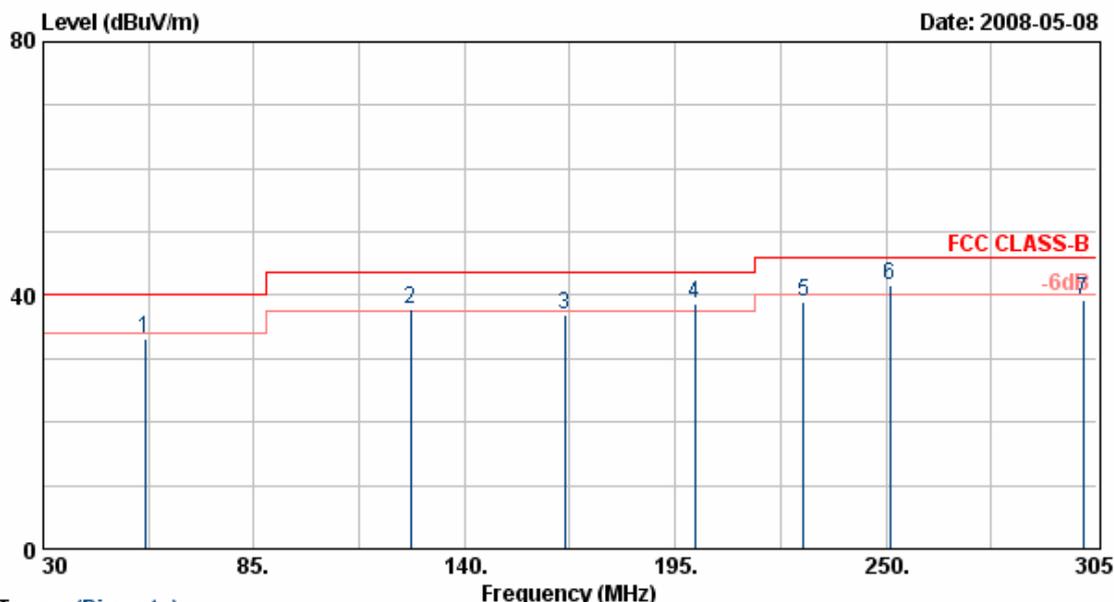
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	49.79	-10.67	39.11	46.00	-6.89	Peak	100	99
2	400.00	51.39	-8.86	42.53	46.00	-3.47	QP	100	99
3	500.00	46.50	-4.86	41.64	46.00	-4.36	QP	100	99
4	736.80	36.39	2.84	39.23	46.00	-6.77	Peak	100	52
5	803.30	43.46	-2.76	40.70	46.00	-5.30	QP	100	52
6	934.33	43.52	-1.07	42.45	46.00	-3.55	QP	100	0
7	999.90	43.67	1.49	45.16	54.00	-8.84	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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 5	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 13.5Mbps



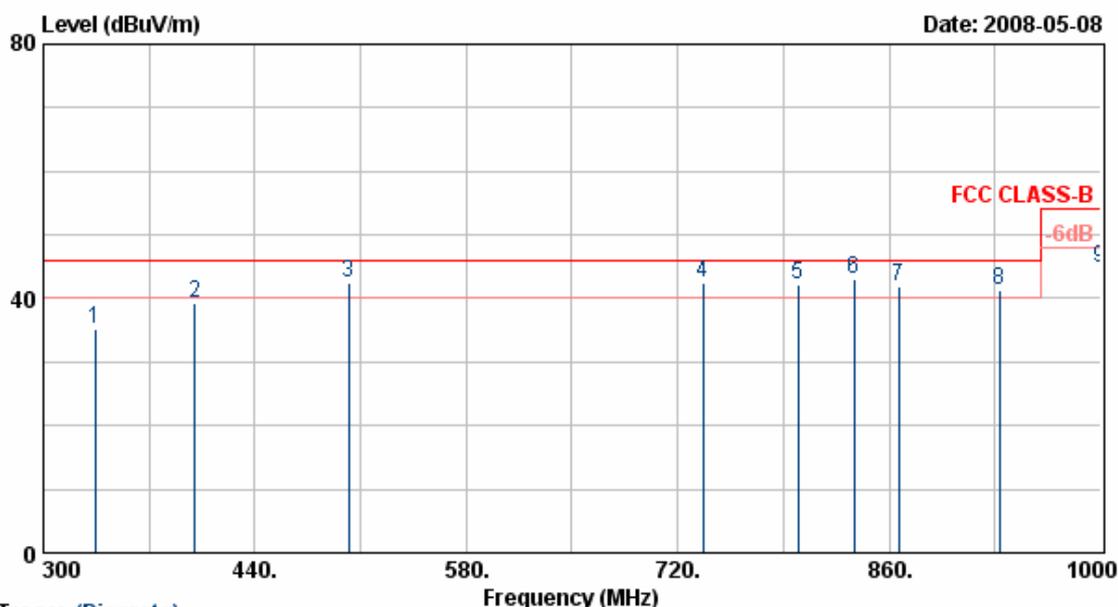
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	56.50	55.12	-22.06	33.06	40.00	-6.94	Peak	200	0
2	125.99	57.31	-19.62	37.69	43.50	-5.81	QP	200	0
3	166.23	55.46	-18.64	36.82	43.50	-6.68	Peak	200	72
4	200.00	53.17	-14.49	38.68	43.50	-4.82	QP	200	72
5	228.55	57.46	-18.38	39.08	46.00	-6.92	Peak	200	72
6	251.10	58.97	-17.31	41.66	46.00	-4.34	QP	200	129
7	301.43	53.48	-14.33	39.15	46.00	-6.85	Peak	200	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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 5	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 13.5Mbps



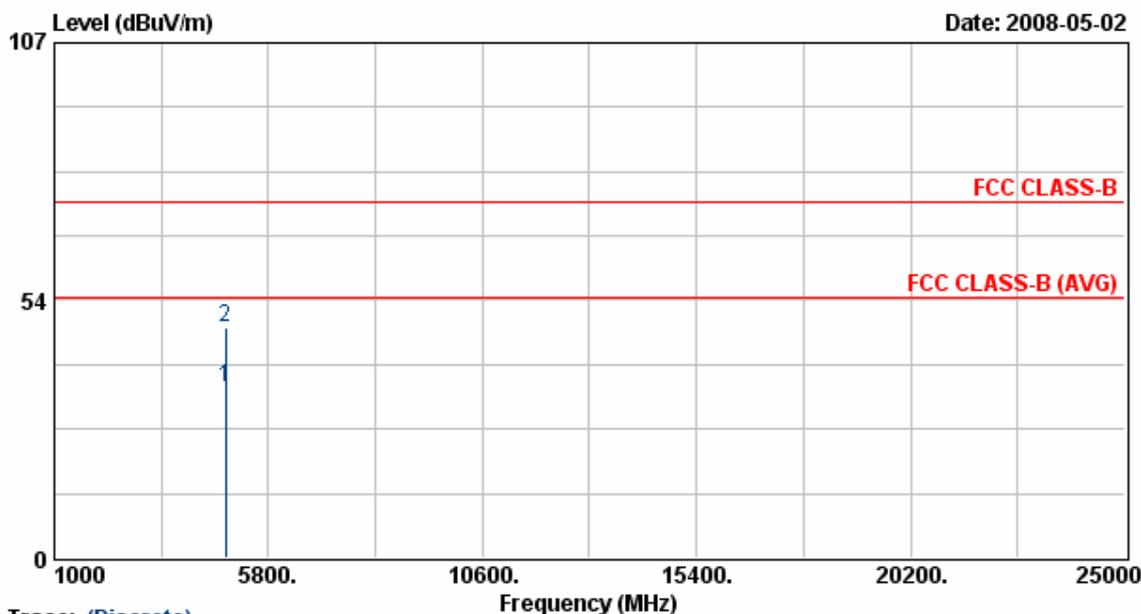
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	47.46	-12.21	35.25	46.00	-10.75	Peak	200	10
2	400.00	50.48	-11.31	39.17	46.00	-6.83	Peak	200	58
3	502.30	47.47	-5.03	42.44	46.00	-3.56	QP	200	96
4	736.80	42.97	-0.52	42.45	46.00	-3.55	QP	200	125
5	799.99	42.65	-0.54	42.11	46.00	-3.89	QP	200	125
6	836.90	40.25	2.71	42.96	46.00	-3.04	QP	200	125
7	866.63	38.40	3.60	42.00	46.00	-4.00	QP	200	111
8	933.30	36.28	5.17	41.45	46.00	-4.55	QP	200	111
9	999.97	41.58	3.29	44.87	54.00	-9.13	Peak	200	251

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 5	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 13.5Mbps



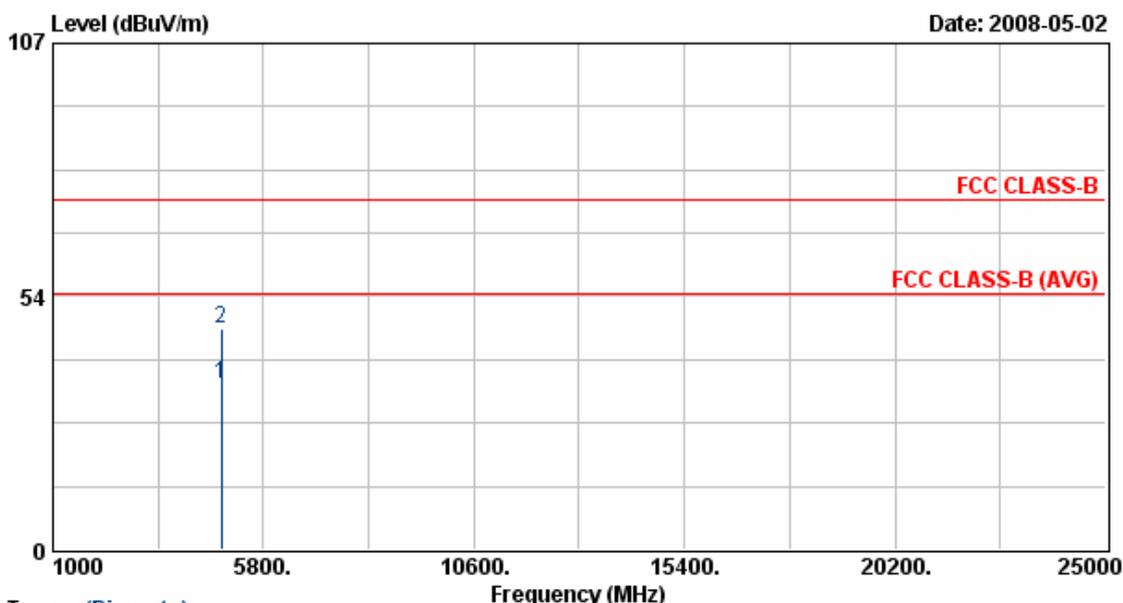
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4844.23	29.56	5.72	35.28	54.00	-18.72	Average	100	163
2	4844.23	42.29	5.72	48.02	74.00	-25.98	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 5	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 13.5Mbps



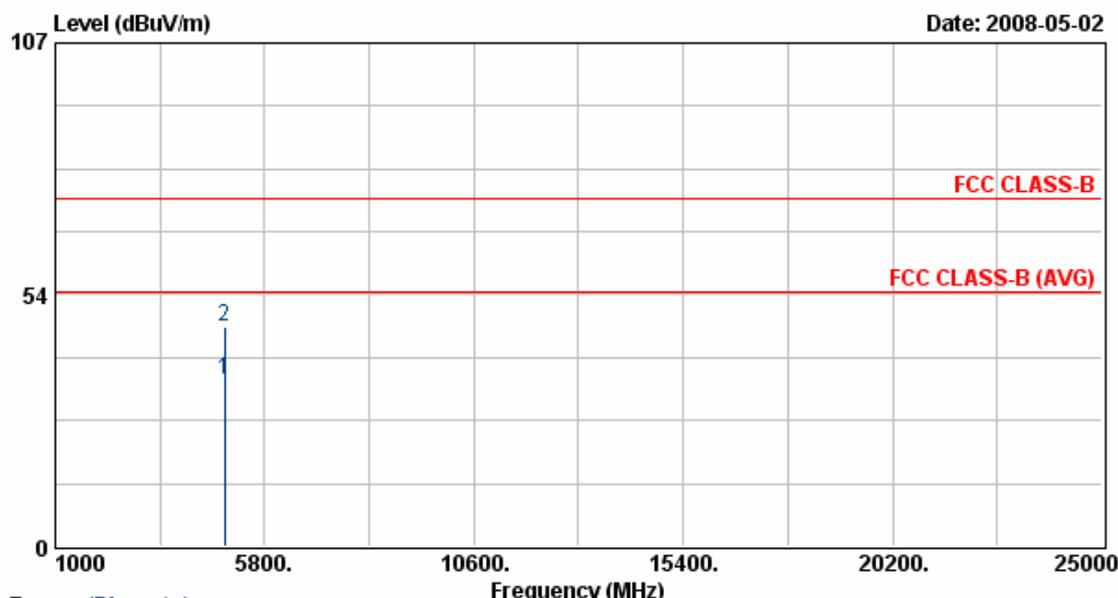
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4844.15	29.47	5.72	35.19	54.00	-18.81	Average	100	190
2	4844.15	41.13	5.72	46.85	74.00	-27.15	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 5	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 13.5Mbps



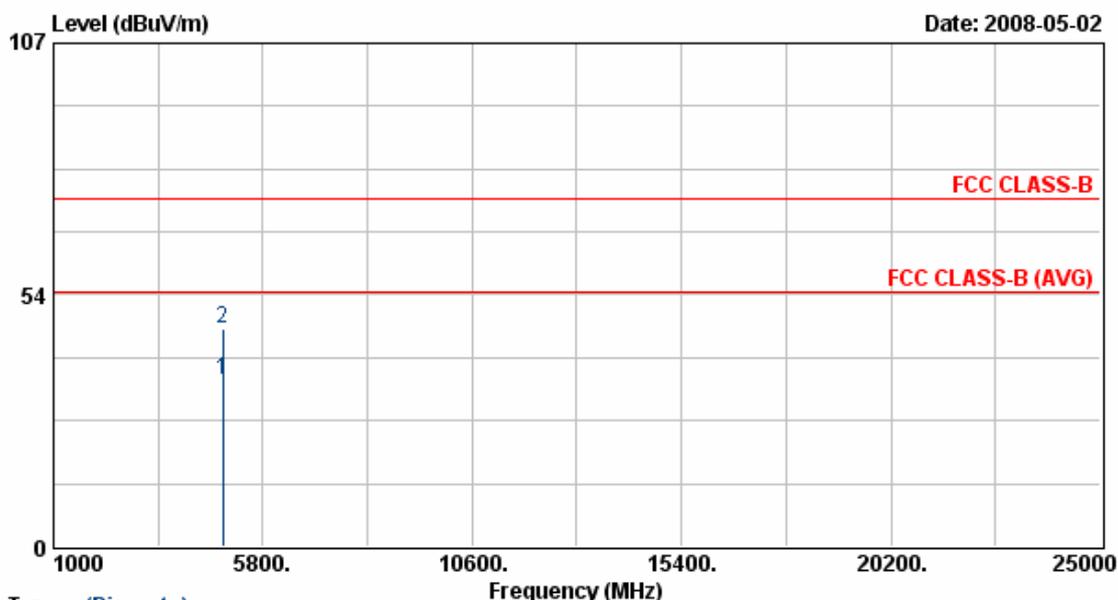
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.98	29.45	5.80	35.25	54.00	-18.75	Average	100	163
2	4873.98	40.87	5.80	46.67	74.00	-27.33	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 5	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 13.5Mbps



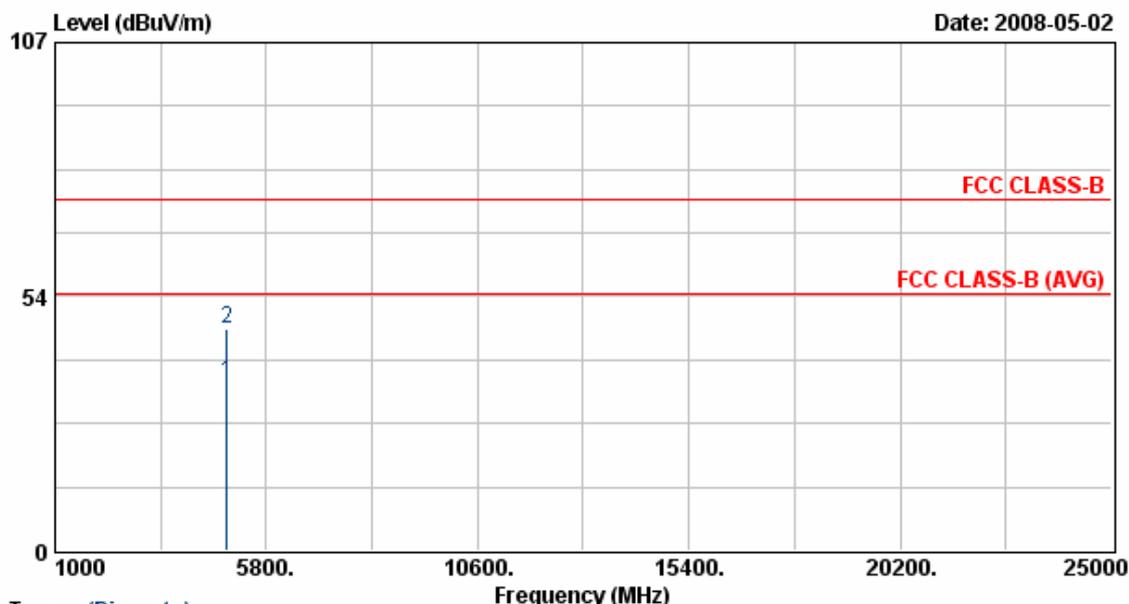
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.03	29.68	5.80	35.48	54.00	-18.52	Average	100	190
2	4874.03	40.60	5.80	46.40	74.00	-27.60	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 5	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 9	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 13.5Mbps



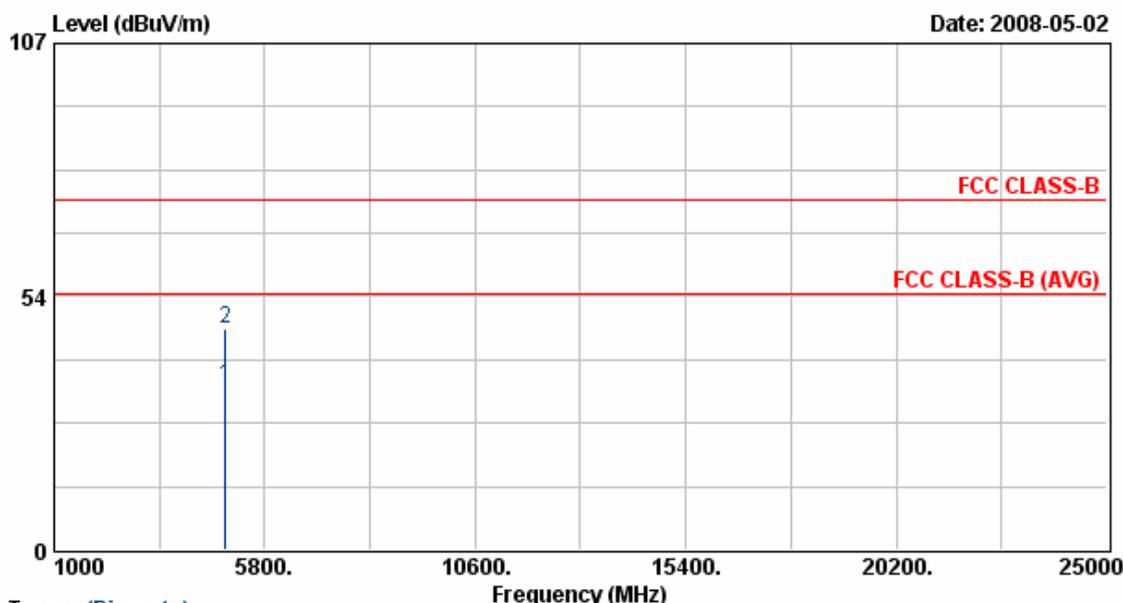
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4903.93	29.34	5.88	35.22	54.00	-18.78	Average	100	163
2	4903.93	40.82	5.88	46.70	74.00	-27.30	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 5	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 9	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: DSA-20p-10 US 120180	Rate	: 13.5Mbps



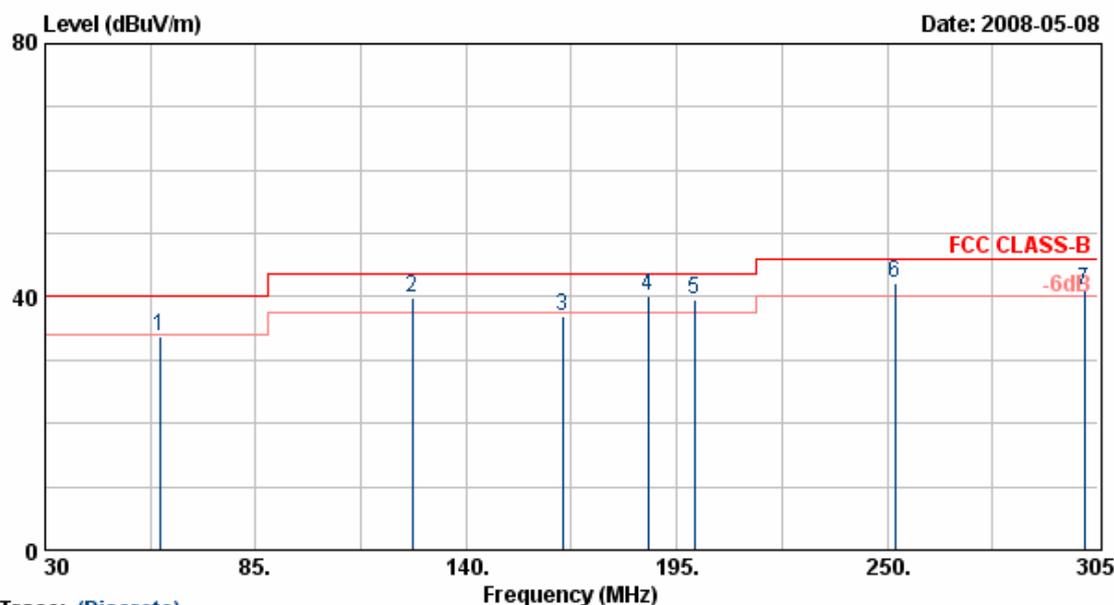
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4904.08	28.67	5.88	34.55	54.00	-19.45	Average	100	190
2	4904.08	40.66	5.88	46.54	74.00	-27.46	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 6	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6Mbps



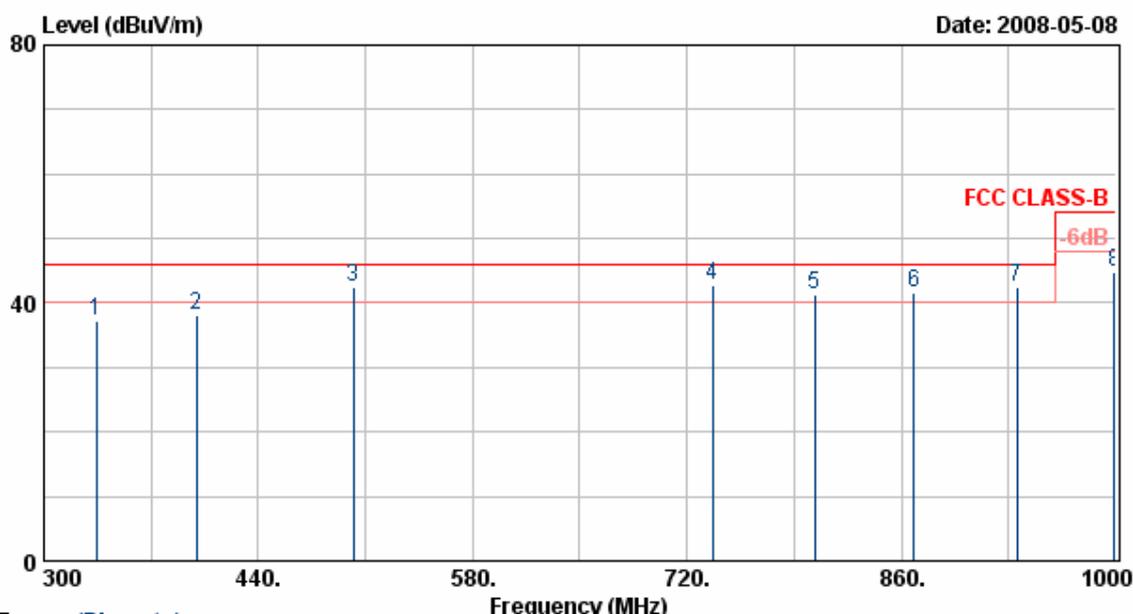
Trace: (Discrete)

Item	Freq MHz	Read Value dBUV/m	Factor dB	Result dBUV/m	Limit dBUV/m	Margin dB	Remark	Ant Pos cm	Tab Pos Deg
1	59.98	50.55	-16.69	33.86	40.00	-6.14	Peak	100	55
2	125.99	53.52	-13.65	39.87	43.50	-3.63	QP	100	111
3	165.30	49.96	-13.12	36.84	43.50	-6.66	Peak	100	111
4	187.58	50.33	-10.21	40.12	43.50	-3.38	QP	100	256
5	199.70	51.22	-11.71	39.51	43.50	-3.99	QP	100	210
6	251.93	53.98	-11.79	42.19	46.00	-3.81	QP	100	188
7	301.43	50.11	-9.09	41.02	46.00	-4.98	QP	100	188

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 mode are all the same,so the 802.11g mode chosen as representative in final test.
5. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
6. The data is worse case.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 6	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6Mbps



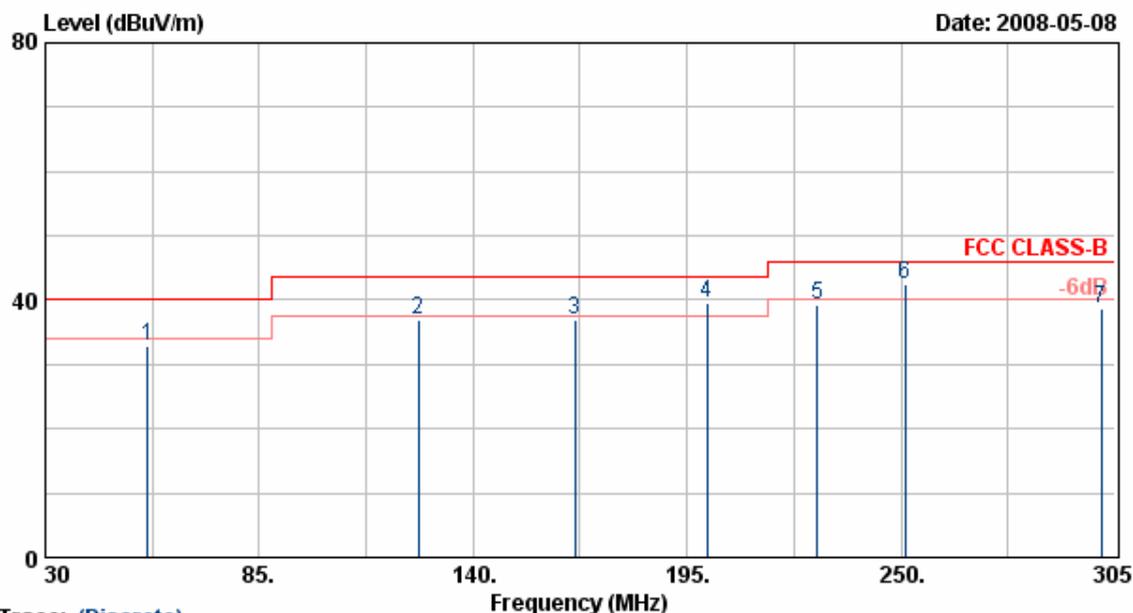
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBUV/m	dB	dBUV/m	dBUV/m	dB		cm	Deg
1	334.30	47.85	-10.67	37.18	46.00	-8.82	Peak	100	222
2	399.40	46.74	-8.62	38.12	46.00	-7.88	Peak	100	102
3	502.30	47.29	-4.95	42.34	46.00	-3.66	QP	100	102
4	736.80	39.98	2.84	42.82	46.00	-3.18	QP	100	50
5	803.30	43.95	-2.76	41.19	46.00	-4.81	QP	100	50
6	868.40	40.71	0.96	41.67	46.00	-4.33	QP	100	50
7	935.60	43.52	-0.92	42.60	46.00	-3.40	QP	100	220
8	999.30	42.70	1.97	44.67	54.00	-9.33	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. All emission below 1GHz at 802.11b/g mode are all the same,so the 802.11g mode chosen as representative in final test.
5. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
6. The data is worse case.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 6	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6Mbps



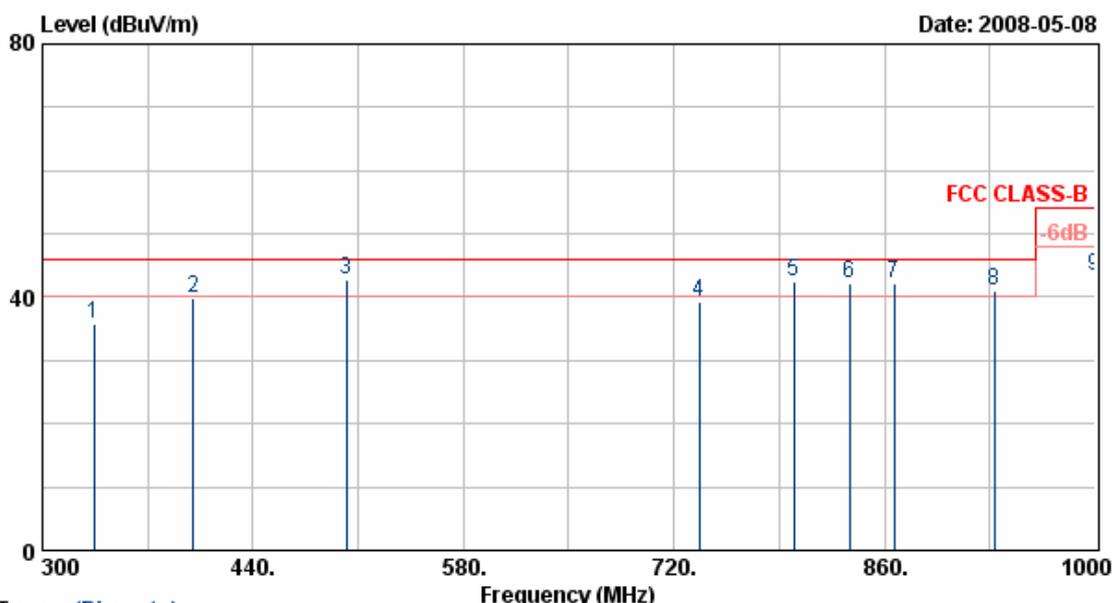
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	56.40	54.88	-22.04	32.84	40.00	-7.16	Peak	200	111
2	125.98	56.66	-19.62	37.04	43.50	-6.46	Peak	200	110
3	166.25	55.58	-18.64	36.94	43.50	-6.56	Peak	200	110
4	200.00	54.10	-14.49	39.61	43.50	-3.89	QP	200	98
5	228.55	57.71	-18.38	39.33	46.00	-6.67	Peak	200	98
6	251.10	59.93	-17.31	42.62	46.00	-3.38	QP	200	28
7	301.45	53.11	-14.32	38.79	46.00	-7.21	Peak	200	28

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 mode are all the same,so the 802.11g mode chosen as representative in final test.
5. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
6. The data is worse case.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 6	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6Mbps



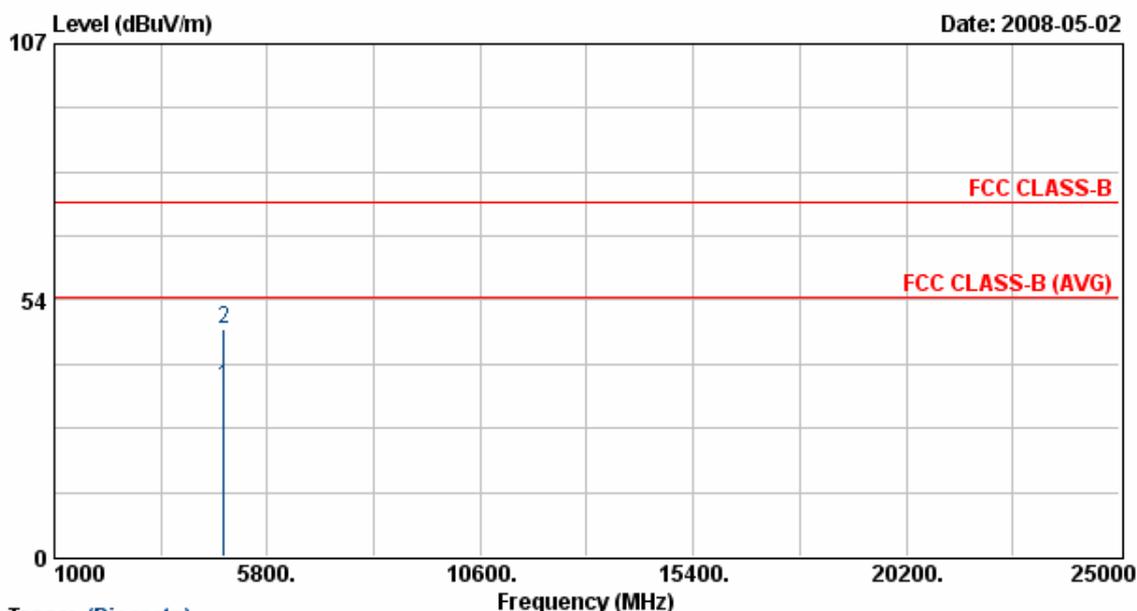
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	47.85	-12.21	35.64	46.00	-10.36	Peak	200	111
2	400.00	51.21	-11.31	39.90	46.00	-6.10	Peak	200	111
3	502.30	47.79	-5.03	42.76	46.00	-3.24	QP	200	111
4	736.80	39.68	-0.52	39.16	46.00	-6.84	Peak	200	184
5	799.99	42.92	-0.54	42.38	46.00	-3.62	QP	200	184
6	836.90	39.52	2.71	42.23	46.00	-3.77	QP	200	117
7	866.66	38.52	3.60	42.12	46.00	-3.88	QP	200	117
8	933.30	35.77	5.17	40.94	46.00	-5.06	QP	200	0
9	999.90	40.00	3.34	43.34	54.00	-10.66	Peak	200	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 mode are all the same,so the 802.11g mode chosen as representative in final test.
5. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
6. The data is worse case.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 6	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 11Mbps



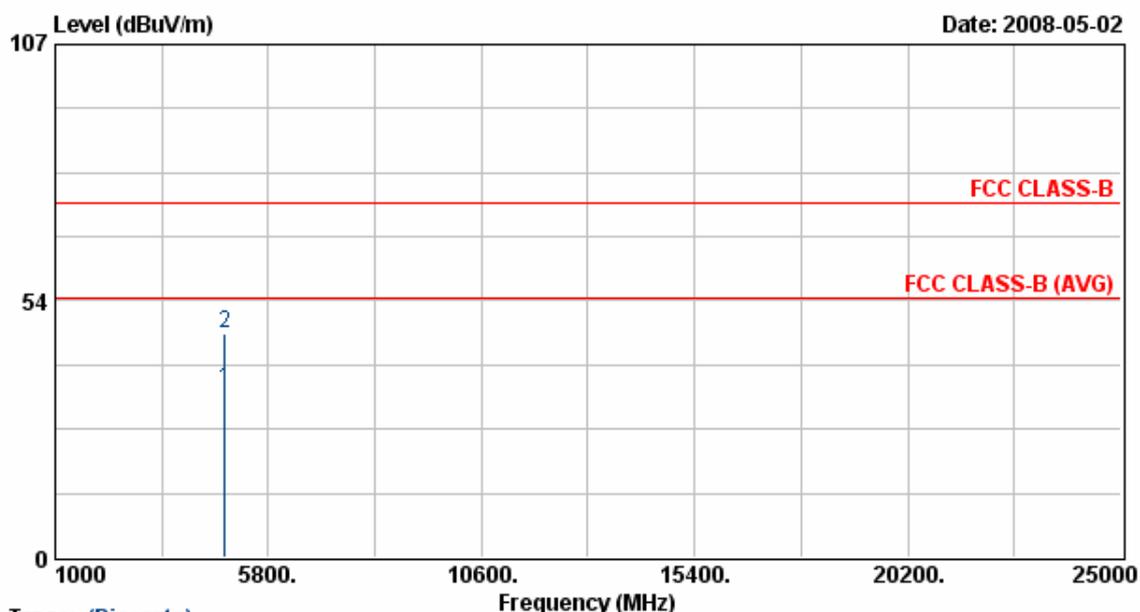
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.90	29.69	5.67	35.36	54.00	-18.64	Average	100	163
2	4823.90	41.61	5.67	47.28	74.00	-26.72	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 6	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 11Mbps



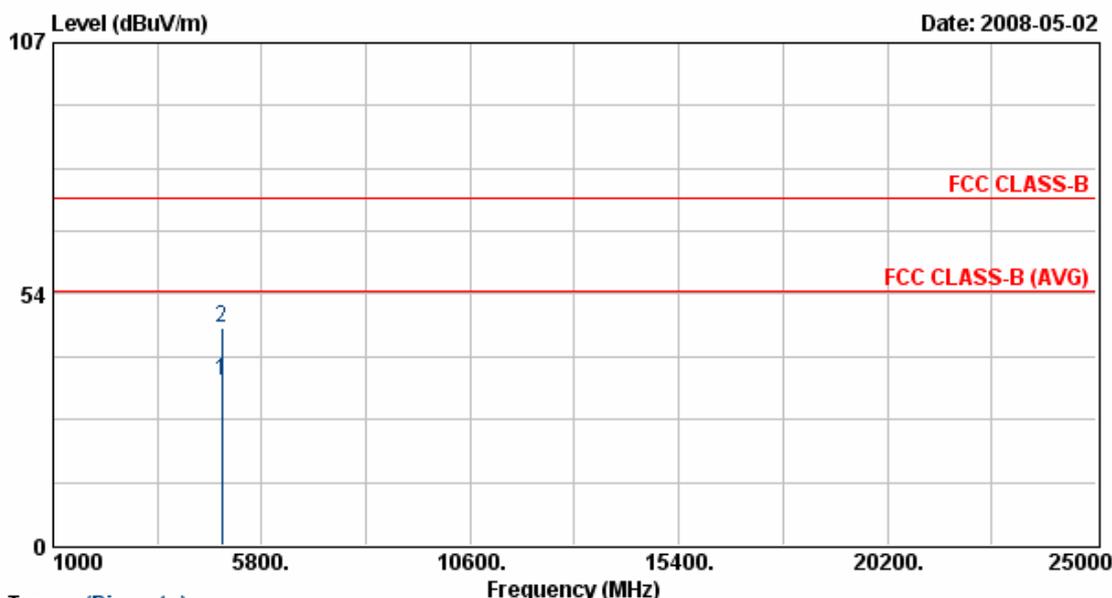
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.08	29.41	5.67	35.08	54.00	-18.92	Average	100	190
2	4824.08	41.17	5.67	46.84	74.00	-27.16	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 6	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 11Mbps



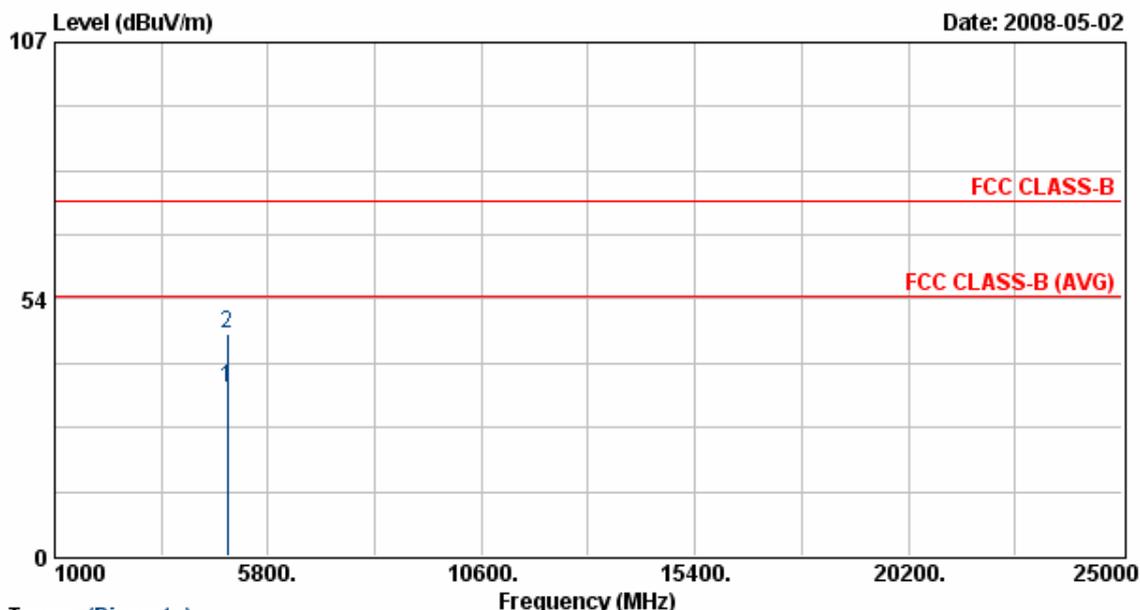
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.88	29.25	5.80	35.05	54.00	-18.95	Average	100	163
2	4873.88	40.52	5.80	46.32	74.00	-27.68	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 6	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 11Mbps



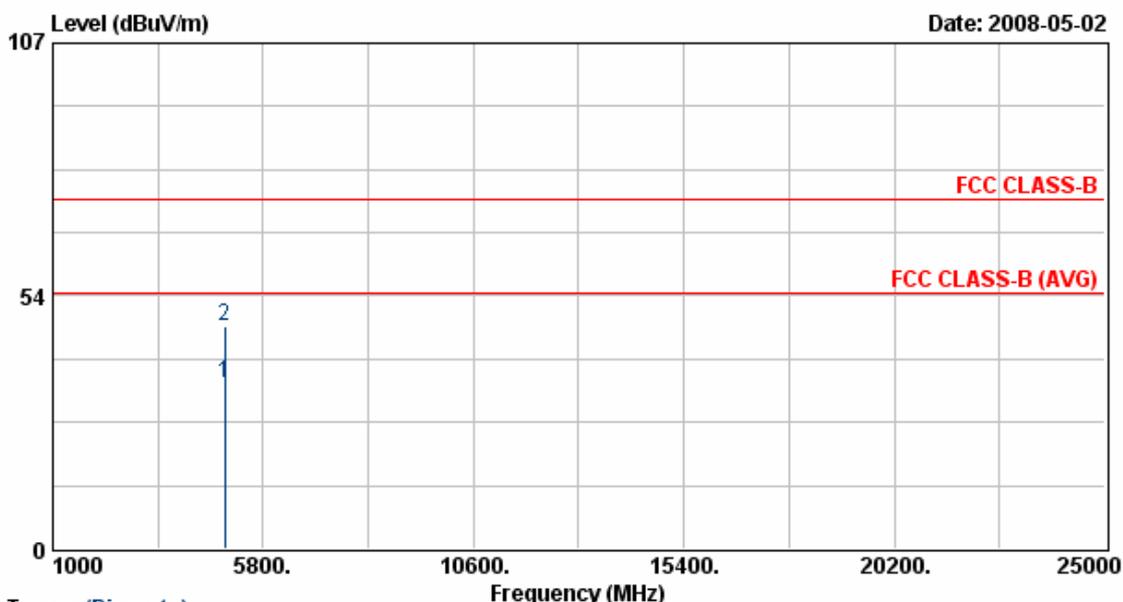
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.83	29.07	5.80	34.87	54.00	-19.13	Average	100	190
2	4873.83	40.54	5.80	46.34	74.00	-27.66	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 6	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 11Mbps



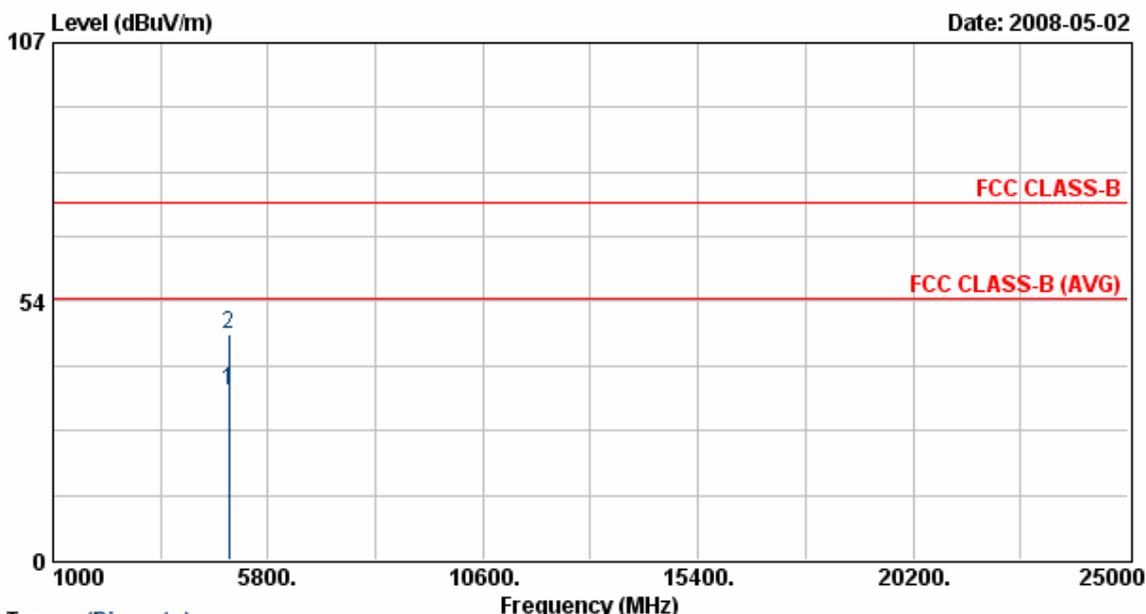
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.93	29.24	5.93	35.17	54.00	-18.83	Average	100	163
2	4923.93	41.24	5.93	47.17	74.00	-26.83	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 6	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 11Mbps



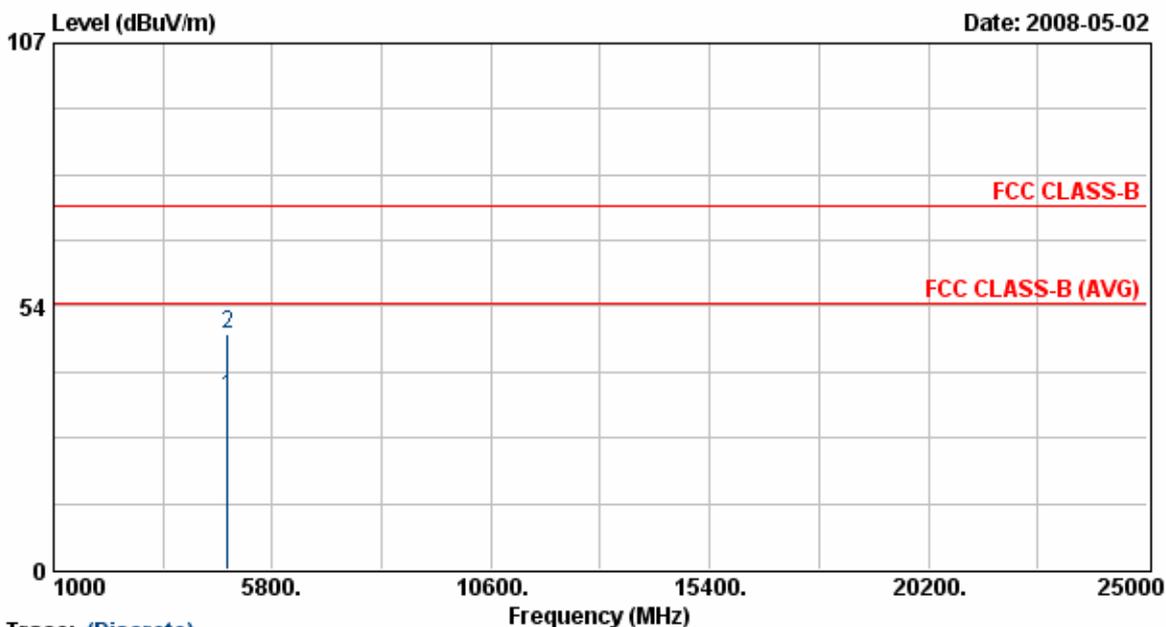
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.00	28.94	5.93	34.88	54.00	-19.12	Average	100	190
2	4924.00	40.64	5.93	46.58	74.00	-27.42	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 6	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6Mbps



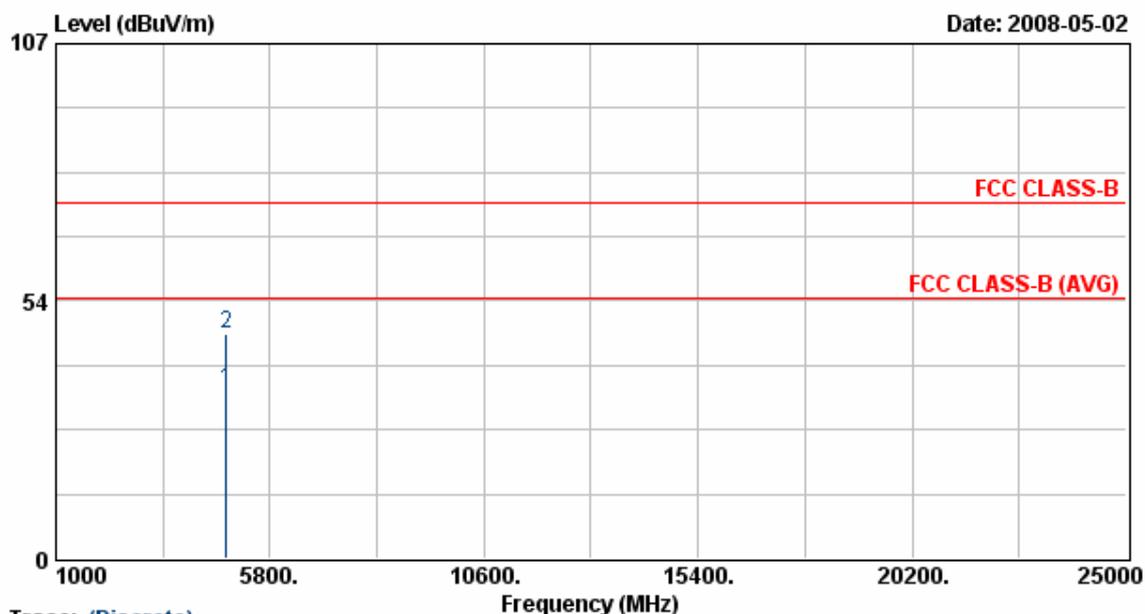
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.23	29.46	5.67	35.13	54.00	-18.87	Average	100	163
2	4824.23	42.12	5.67	47.80	74.00	-26.20	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 6	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6Mbps



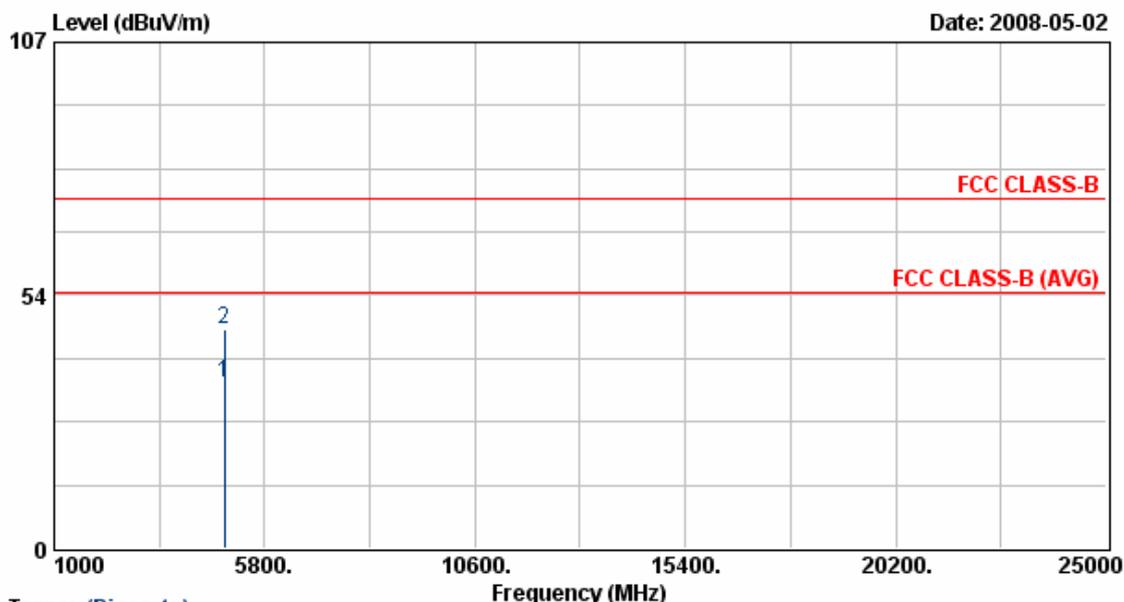
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.15	29.42	5.67	35.09	54.00	-18.91	Average	100	190
2	4824.15	41.11	5.67	46.78	74.00	-27.22	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 6	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6Mbps



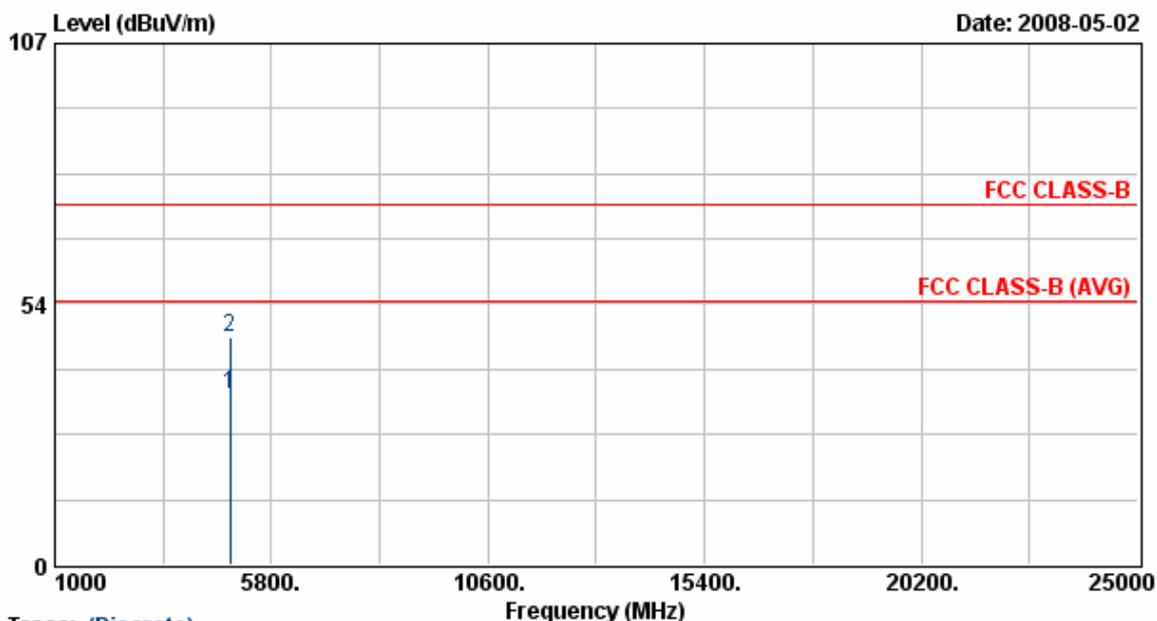
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.98	29.11	5.80	34.91	54.00	-19.09	Average	100	163
2	4873.98	40.58	5.80	46.39	74.00	-27.61	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 6	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6Mbps



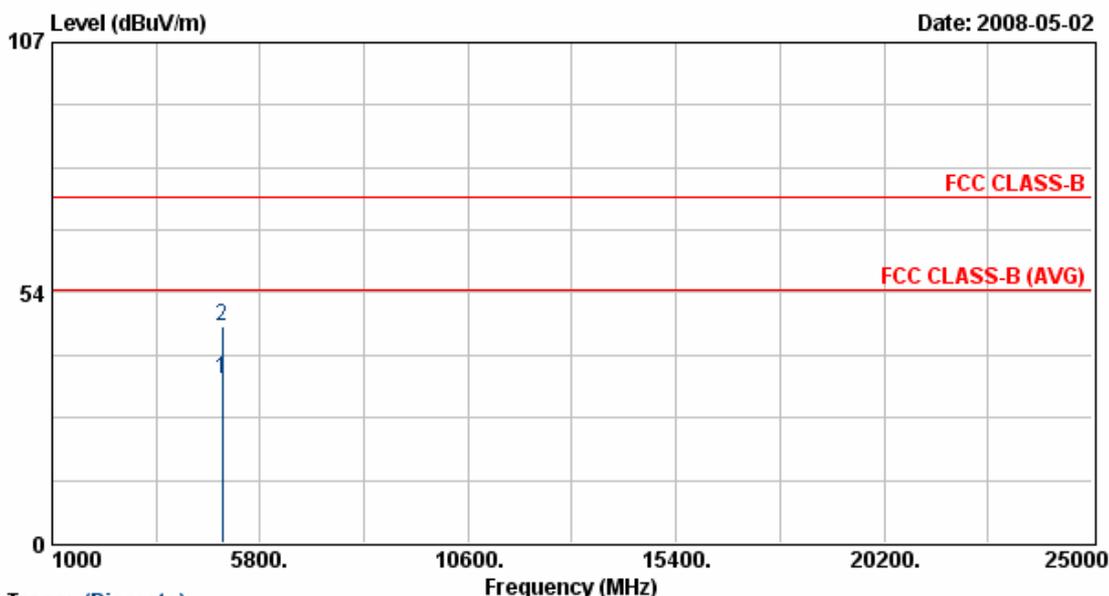
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.03	29.07	5.80	34.87	54.00	-19.13	Average	100	190
2	4874.03	40.76	5.80	46.56	74.00	-27.44	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 6	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6Mbps



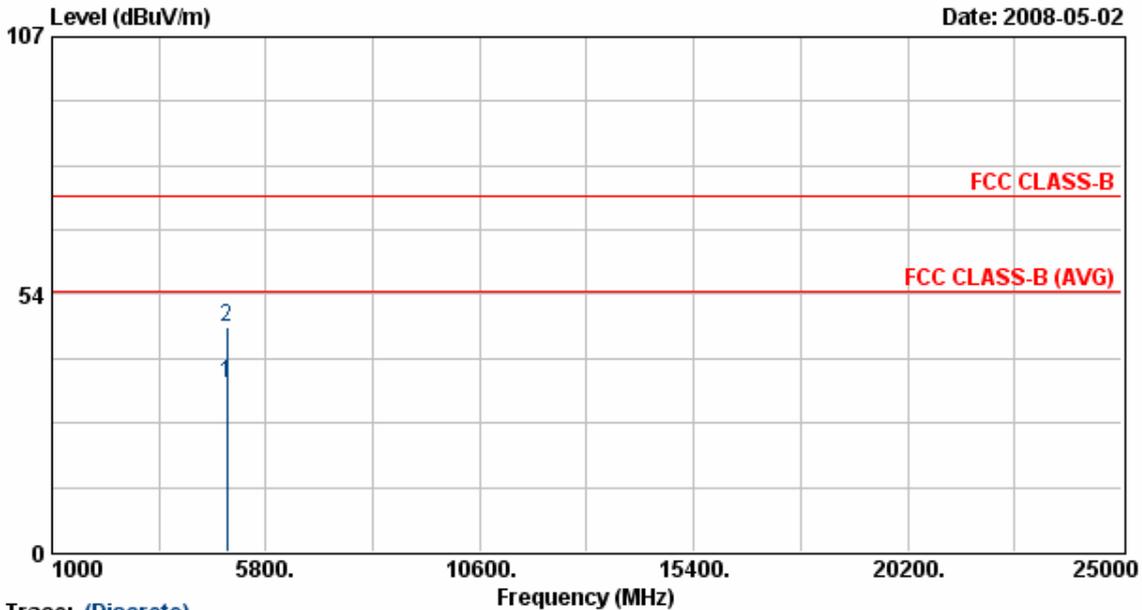
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.93	29.07	5.93	35.00	54.00	-19.00	Average	100	163
2	4923.93	40.51	5.93	46.44	74.00	-27.56	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 6	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6Mbps



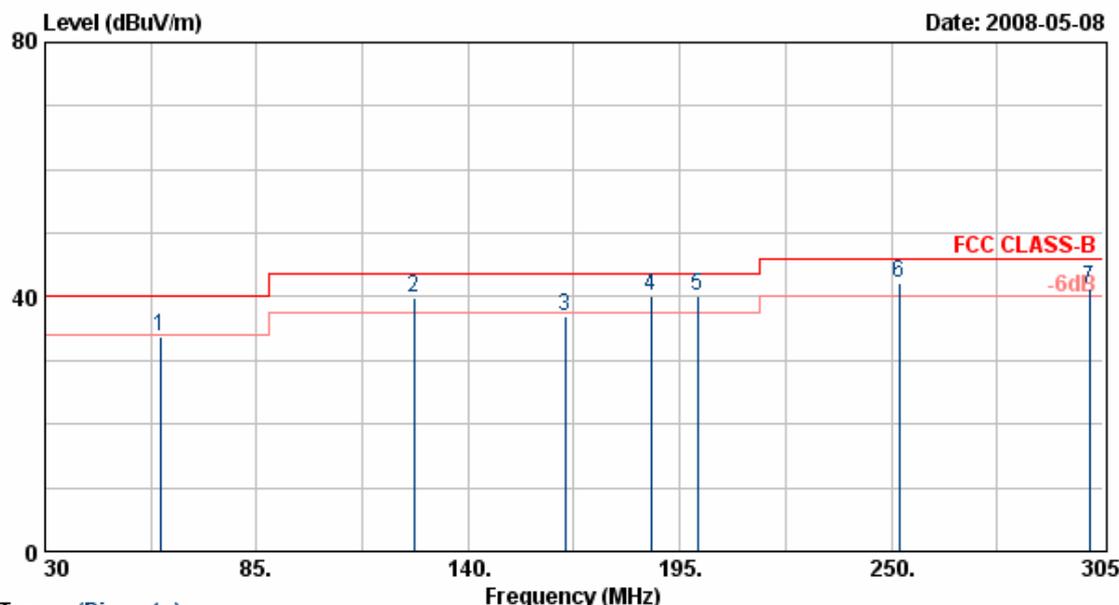
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.08	28.95	5.93	34.88	54.00	-19.12	Average	100	190
2	4924.08	40.57	5.93	46.50	74.00	-27.50	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 7	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6.5Mbps



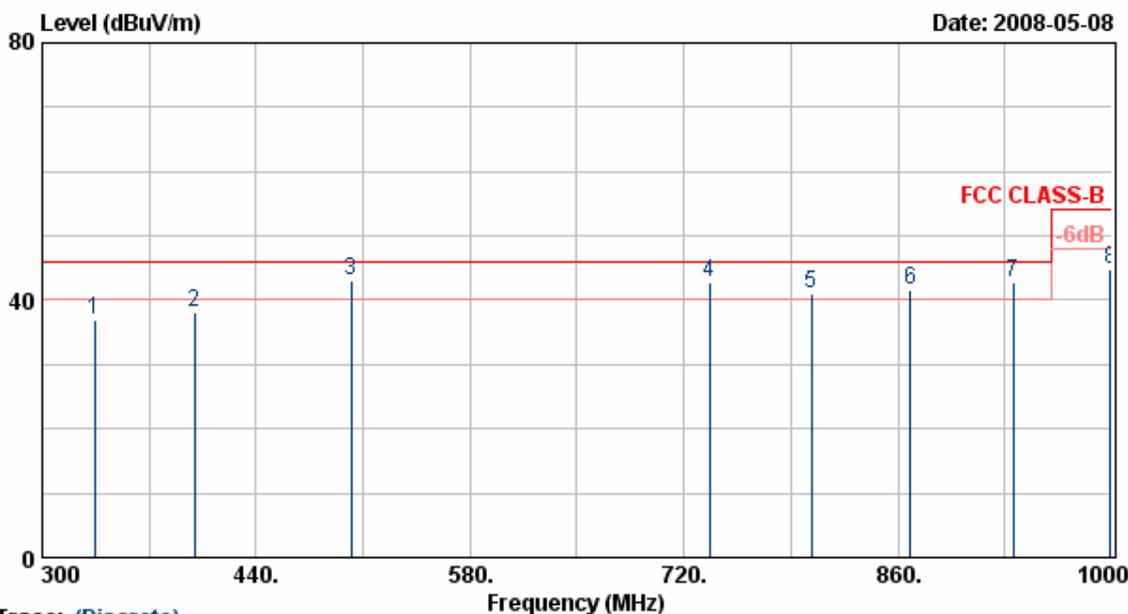
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	59.98	50.36	-16.69	33.67	40.00	-6.33	Peak	100	55
2	125.99	53.52	-13.65	39.87	43.50	-3.63	QP	100	111
3	165.30	49.94	-13.12	36.81	43.50	-6.69	Peak	100	111
4	187.58	50.33	-10.21	40.12	43.50	-3.38	QP	100	256
5	199.70	51.99	-11.71	40.28	43.50	-3.22	QP	100	210
6	251.93	53.98	-11.79	42.19	46.00	-3.81	QP	100	188
7	301.43	50.26	-9.09	41.17	46.00	-4.83	QP	100	188

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 7	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6.5Mbps



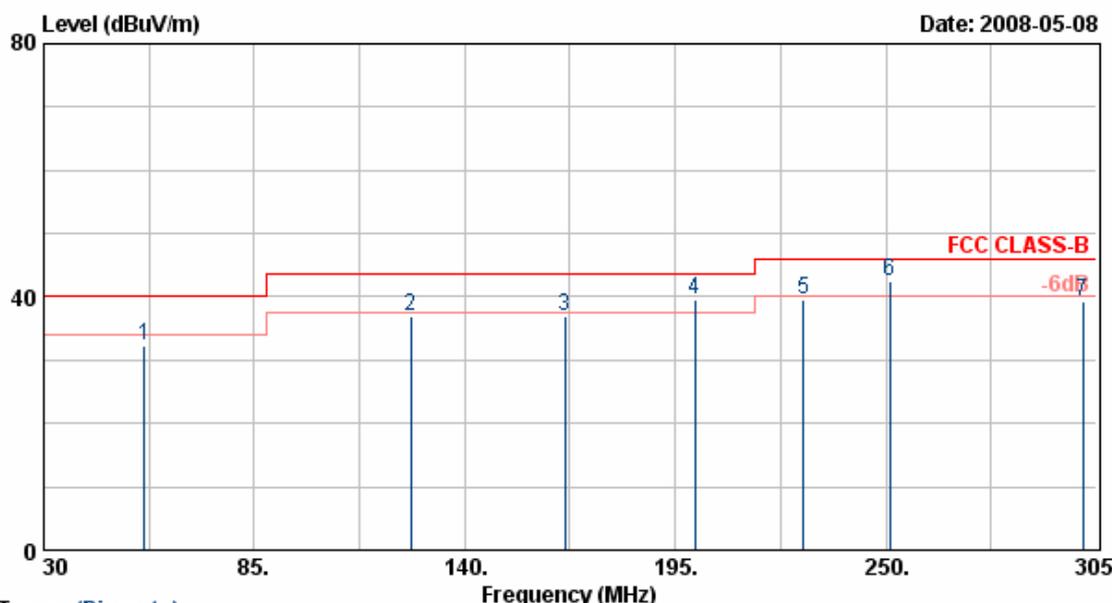
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	47.66	-10.67	36.99	46.00	-9.01	Peak	100	222
2	399.40	46.74	-8.62	38.12	46.00	-7.88	Peak	100	102
3	502.30	47.94	-4.95	42.99	46.00	-3.01	QP	100	102
4	736.80	39.98	2.84	42.82	46.00	-3.18	QP	100	50
5	803.30	43.83	-2.76	41.07	46.00	-4.93	QP	100	50
6	868.40	40.71	0.96	41.67	46.00	-4.33	QP	100	50
7	935.60	43.66	-0.92	42.74	46.00	-3.26	QP	100	220
8	999.30	42.70	1.97	44.67	54.00	-9.33	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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 7	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6.5Mbps



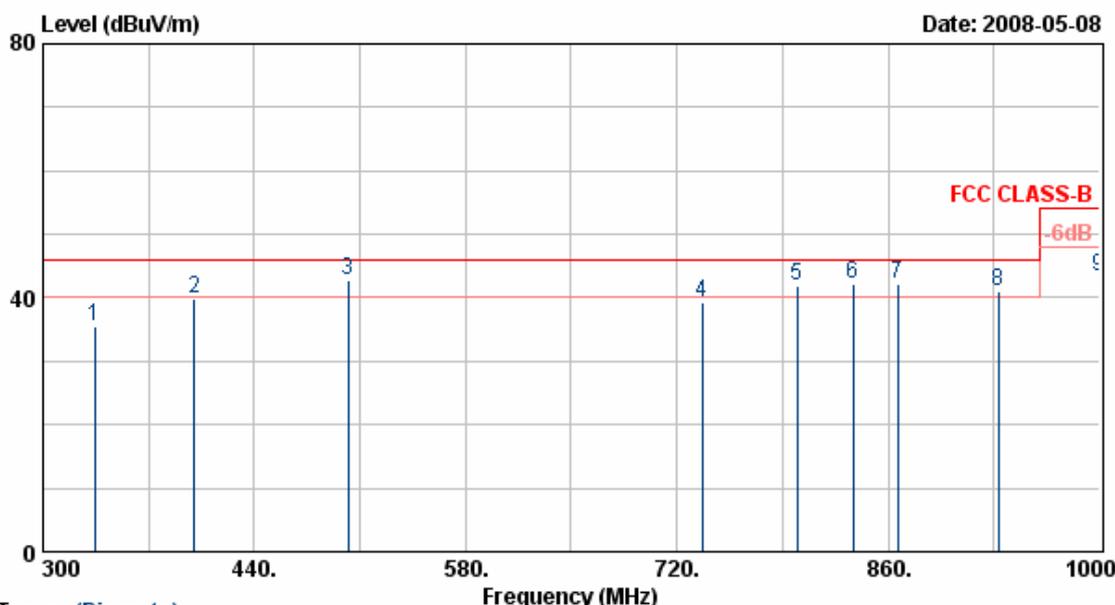
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	56.40	54.29	-22.04	32.25	40.00	-7.75	Peak	200	111
2	125.98	56.66	-19.62	37.04	43.50	-6.46	Peak	200	110
3	166.25	55.44	-18.64	36.80	43.50	-6.70	Peak	200	110
4	200.00	54.10	-14.49	39.61	43.50	-3.89	QP	200	98
5	228.55	57.97	-18.38	39.59	46.00	-6.41	Peak	200	98
6	251.10	59.93	-17.31	42.62	46.00	-3.38	QP	200	28
7	301.45	53.66	-14.32	39.34	46.00	-6.66	Peak	200	28

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 7	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6.5Mbps



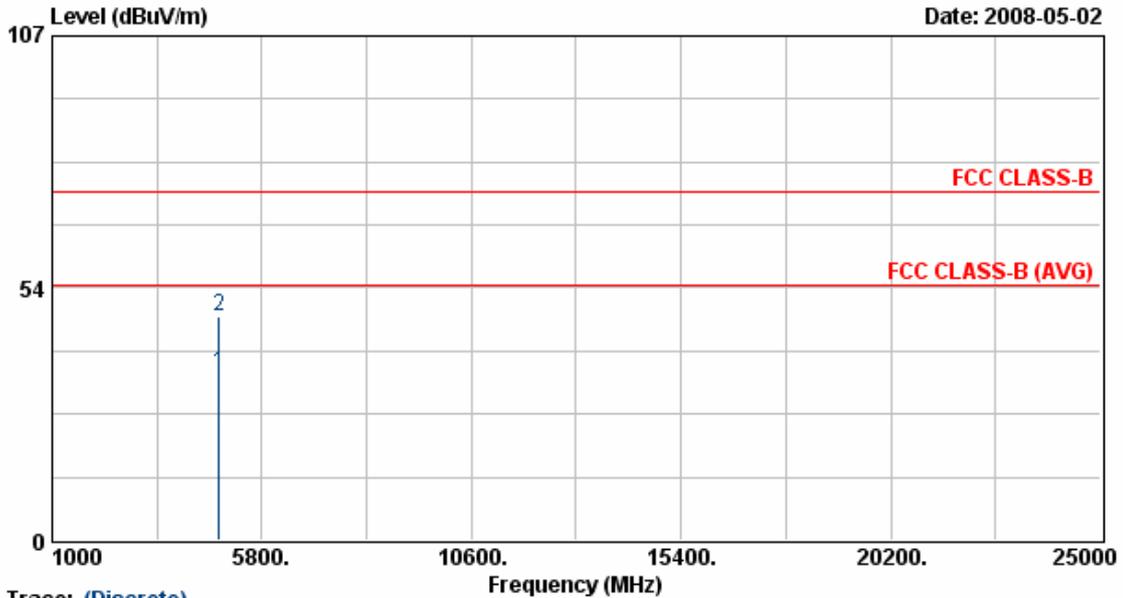
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	47.74	-12.21	35.53	46.00	-10.47	Peak	200	111
2	400.00	51.21	-11.31	39.90	46.00	-6.10	Peak	200	111
3	502.30	47.88	-5.03	42.85	46.00	-3.15	QP	200	111
4	736.80	39.68	-0.52	39.16	46.00	-6.84	Peak	200	184
5	799.99	42.57	-0.54	42.03	46.00	-3.97	QP	200	184
6	836.90	39.52	2.71	42.23	46.00	-3.77	QP	200	117
7	866.66	38.66	3.60	42.26	46.00	-3.74	QP	200	117
8	933.30	35.77	5.17	40.94	46.00	-5.06	QP	200	0
9	999.90	40.00	3.34	43.34	54.00	-10.66	Peak	200	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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 7	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6.5Mbps



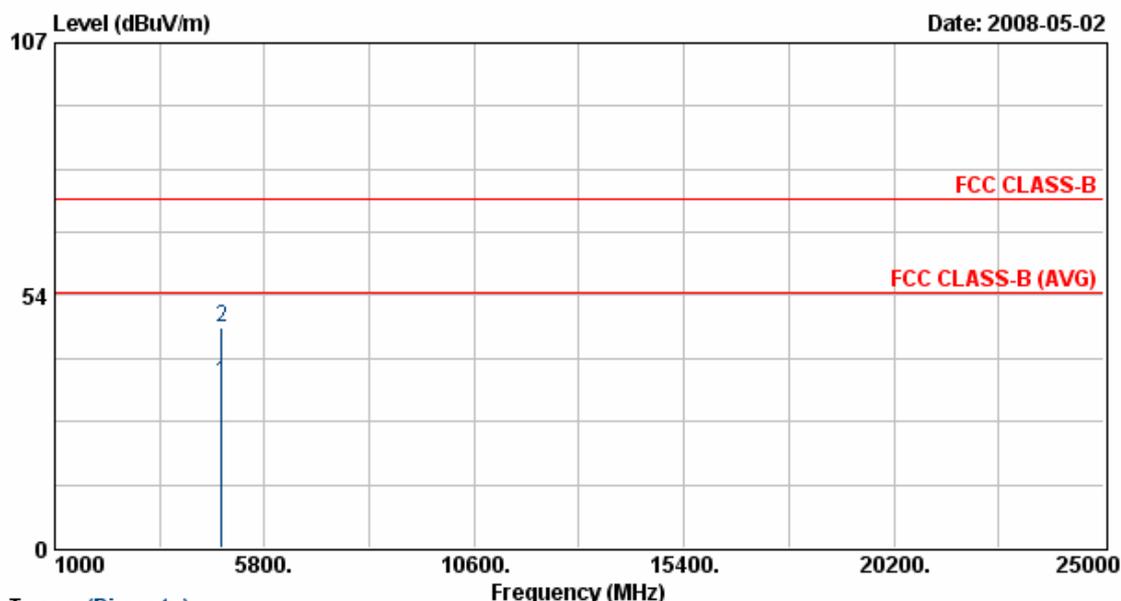
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.90	29.62	5.67	35.29	54.00	-18.71	Average	100	163
2	4823.90	41.68	5.67	47.35	74.00	-26.65	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 7	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6.5Mbps



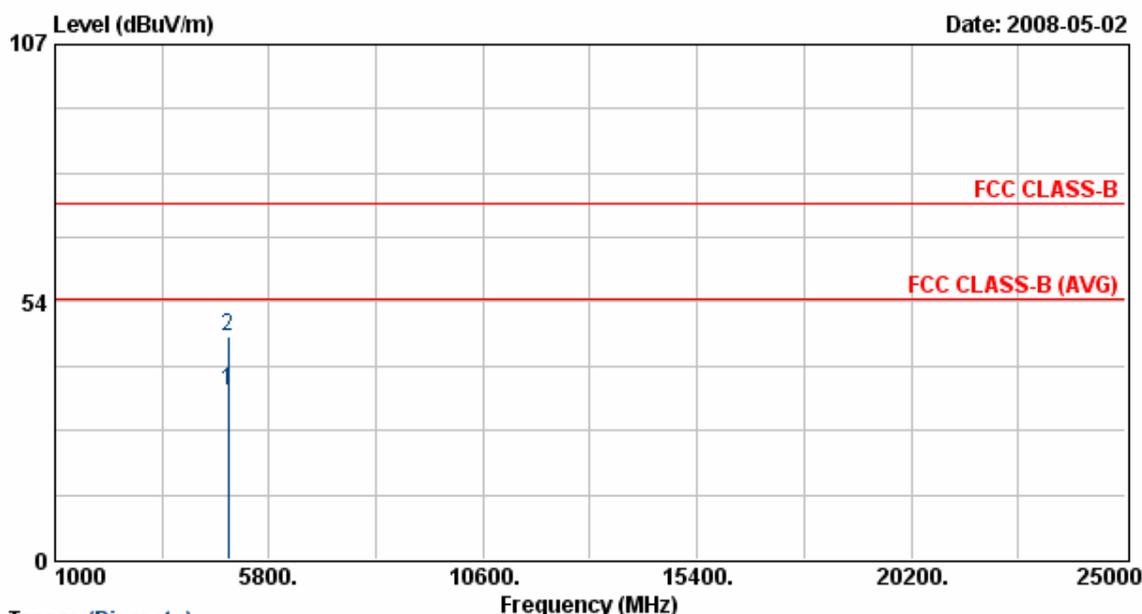
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.08	29.48	5.67	35.15	54.00	-18.85	Average	100	190
2	4824.08	41.16	5.67	46.83	74.00	-27.17	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 7	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6.5Mbps



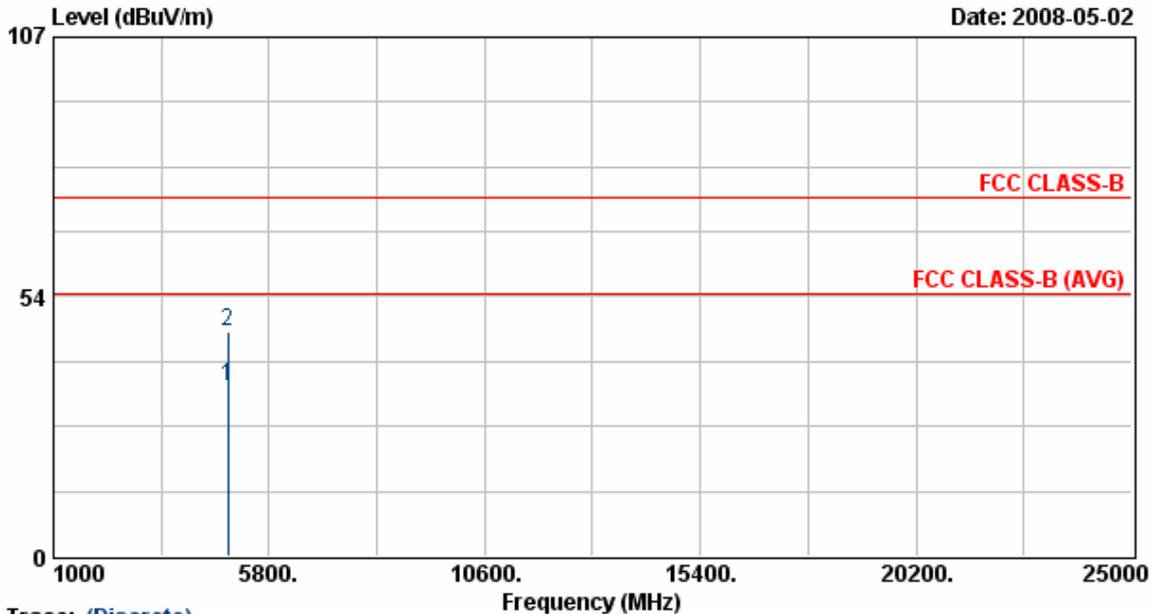
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.88	29.33	5.80	35.13	54.00	-18.87	Average	100	163
2	4873.88	40.52	5.80	46.32	74.00	-27.68	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 7	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6.5Mbps



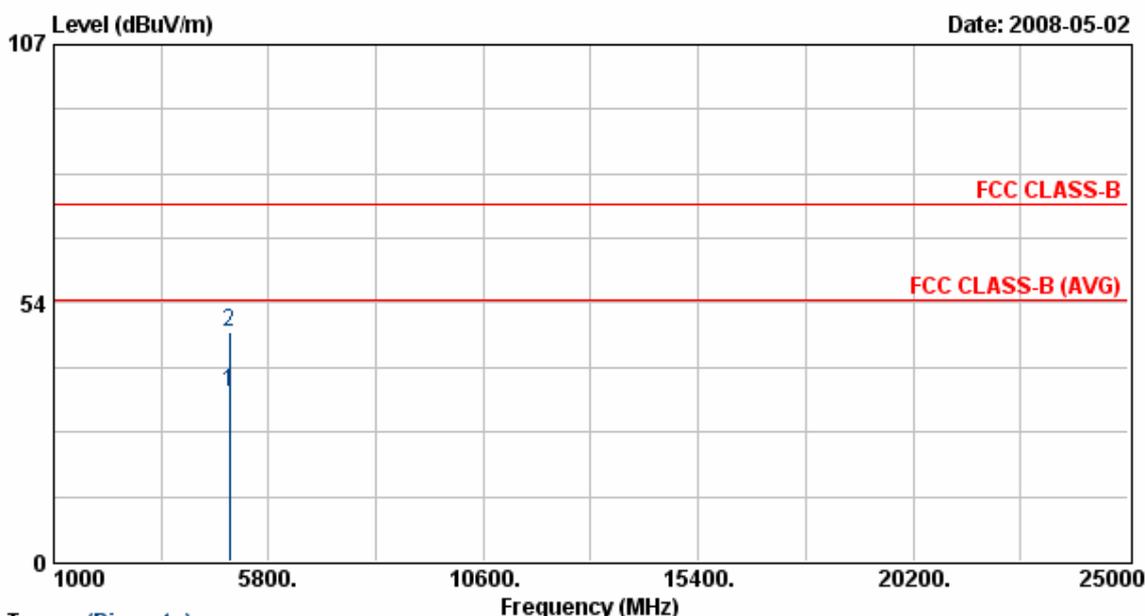
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.83	29.38	5.80	35.18	54.00	-18.82	Average	100	190
2	4873.83	40.34	5.80	46.14	74.00	-27.86	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 7	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6.5Mbps



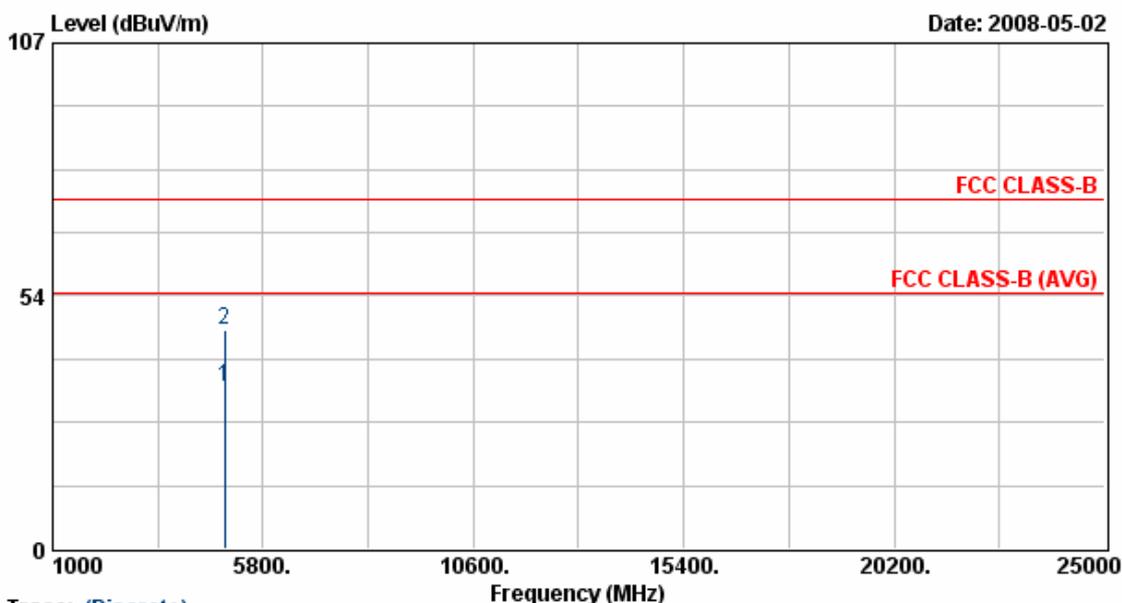
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.93	29.21	5.93	35.14	54.00	-18.86	Average	100	163
2	4923.93	41.43	5.93	47.36	74.00	-26.64	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 7	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6.5Mbps



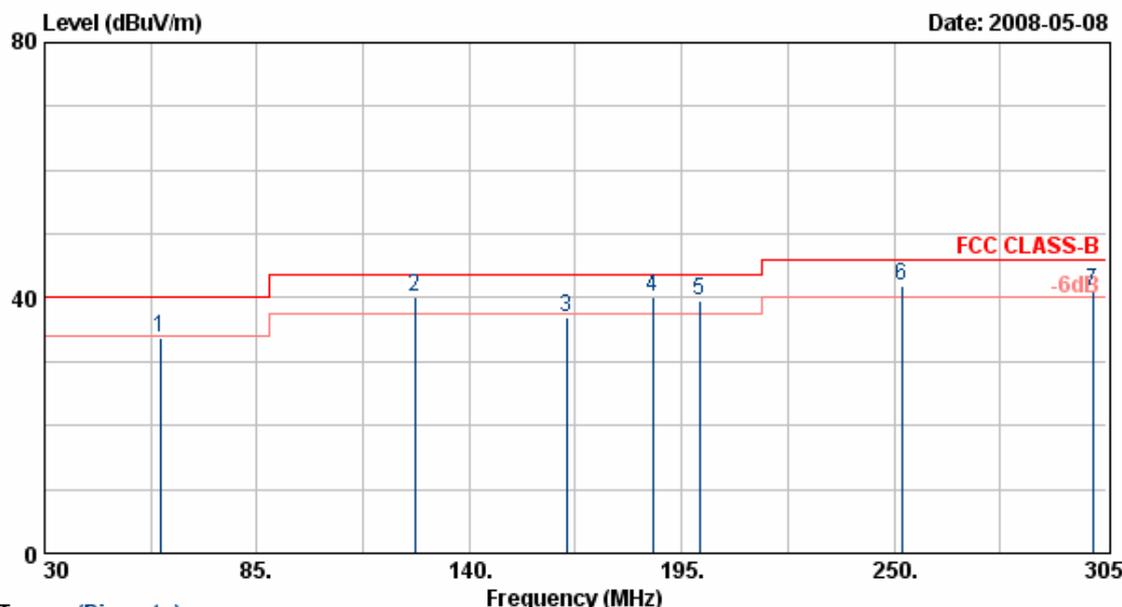
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.00	28.33	5.93	34.27	54.00	-19.73	Average	100	190
2	4924.00	40.37	5.93	46.30	74.00	-27.70	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 8	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 13.5Mbps



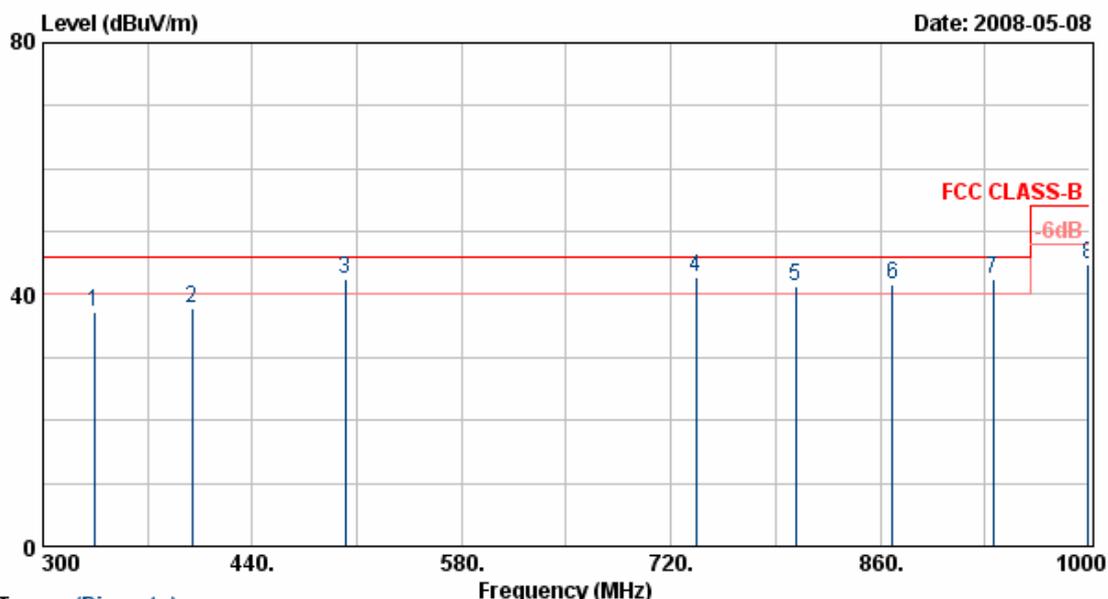
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	59.98	50.55	-16.69	33.86	40.00	-6.14	Peak	100	55
2	125.99	53.88	-13.65	40.22	43.50	-3.28	QP	100	111
3	165.30	49.96	-13.12	36.84	43.50	-6.66	Peak	100	111
4	187.58	50.49	-10.21	40.27	43.50	-3.23	QP	100	256
5	199.70	51.22	-11.71	39.51	43.50	-3.99	QP	100	210
6	251.93	53.79	-11.79	42.00	46.00	-4.00	QP	100	188
7	301.43	50.11	-9.09	41.02	46.00	-4.98	QP	100	188

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 8	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 13.5Mbps



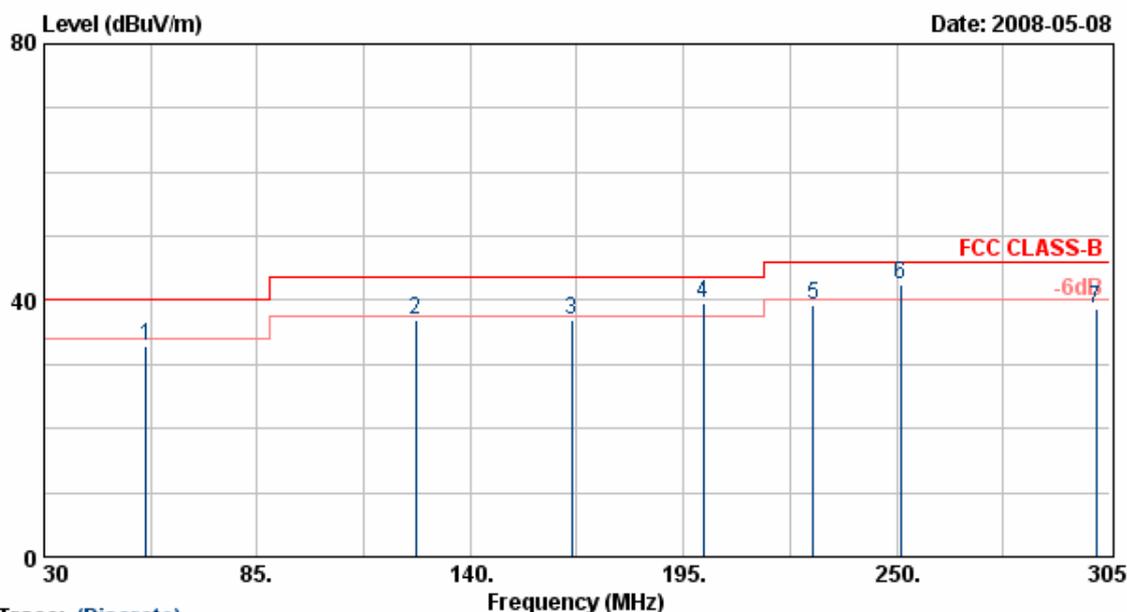
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	47.85	-10.67	37.18	46.00	-8.82	Peak	100	222
2	399.40	46.49	-8.62	37.87	46.00	-8.13	Peak	100	102
3	502.30	47.29	-4.95	42.34	46.00	-3.66	QP	100	102
4	736.80	39.85	2.84	42.68	46.00	-3.32	QP	100	50
5	803.30	43.95	-2.76	41.19	46.00	-4.81	QP	100	50
6	868.40	40.60	0.96	41.56	46.00	-4.44	QP	100	50
7	935.60	43.52	-0.92	42.60	46.00	-3.40	QP	100	220
8	999.30	42.78	1.97	44.76	54.00	-9.24	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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 8	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 13.5Mbps



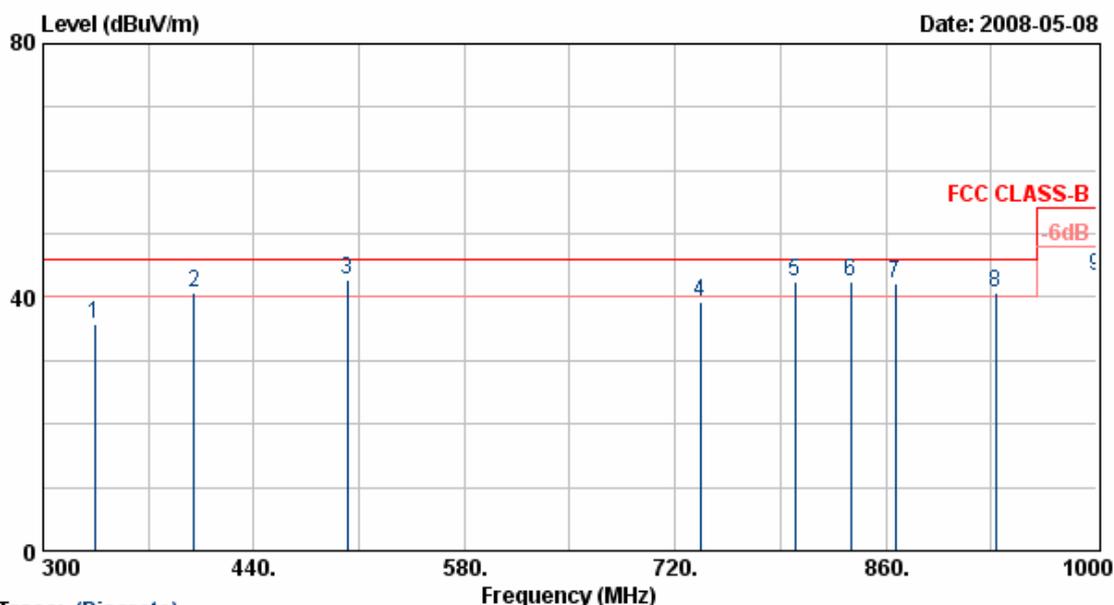
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	56.40	54.88	-22.04	32.84	40.00	-7.16	Peak	200	111
2	125.98	56.67	-19.62	37.05	43.50	-6.45	Peak	200	110
3	166.25	55.58	-18.64	36.94	43.50	-6.56	Peak	200	110
4	200.00	54.14	-14.49	39.65	43.50	-3.85	QP	200	98
5	228.55	57.71	-18.38	39.33	46.00	-6.67	Peak	200	98
6	251.10	59.89	-17.31	42.58	46.00	-3.42	QP	200	28
7	301.45	53.11	-14.32	38.79	46.00	-7.21	Peak	200	28

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 8	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 13.5Mbps



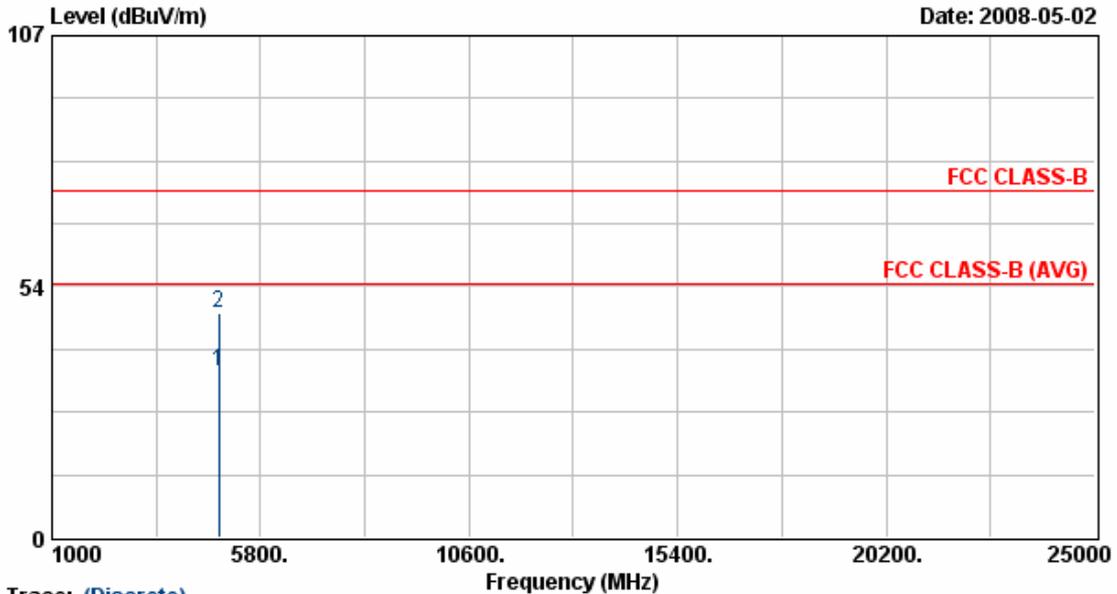
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	47.85	-12.21	35.64	46.00	-10.36	Peak	200	111
2	400.00	51.90	-11.31	40.59	46.00	-5.41	QP	200	111
3	502.30	47.79	-5.03	42.76	46.00	-3.24	QP	200	111
4	736.80	39.80	-0.52	39.27	46.00	-6.73	Peak	200	184
5	799.99	42.92	-0.54	42.38	46.00	-3.62	QP	200	184
6	836.90	39.79	2.71	42.50	46.00	-3.50	QP	200	117
7	866.66	38.52	3.60	42.12	46.00	-3.88	QP	200	117
8	933.30	35.53	5.17	40.70	46.00	-5.30	QP	200	0
9	999.90	40.00	3.34	43.34	54.00	-10.66	Peak	200	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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 8	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 13.5Mbps



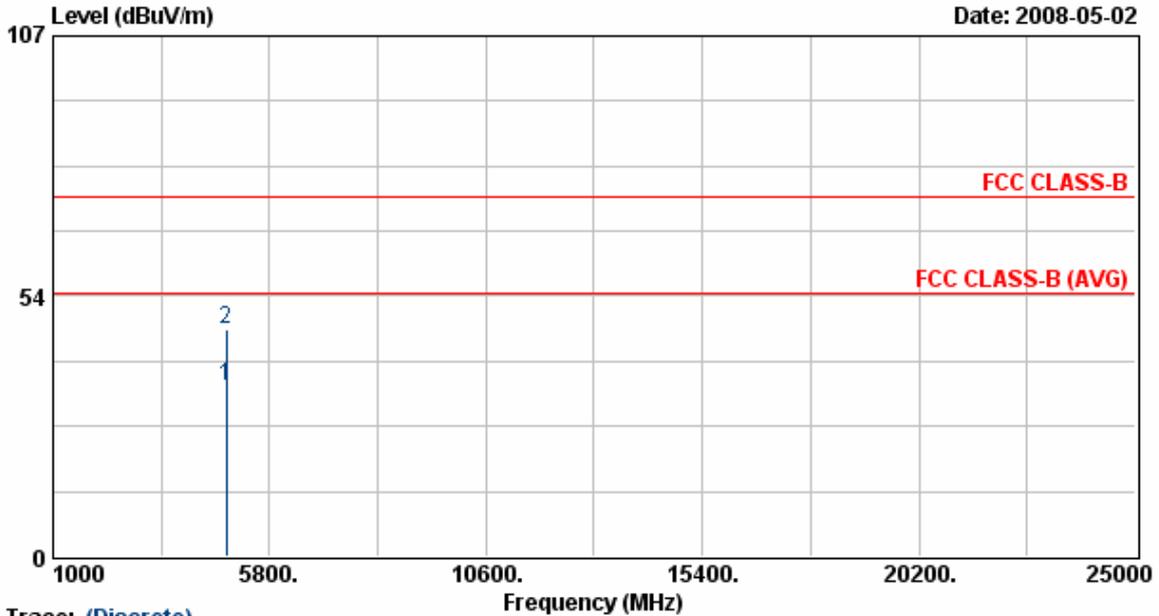
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4844.23	29.56	5.72	35.28	54.00	-18.72	Average	100	163
2	4844.23	42.23	5.72	47.95	74.00	-26.05	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 8	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 13.5Mbps



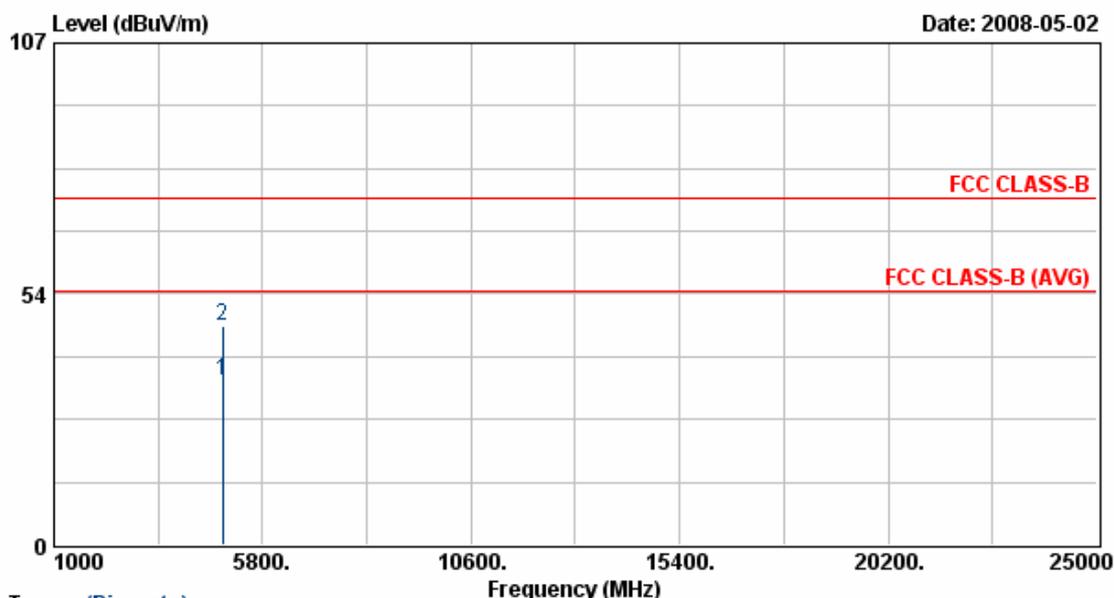
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4844.15	29.37	5.72	35.09	54.00	-18.91	Average	100	190
2	4844.15	41.16	5.72	46.88	74.00	-27.12	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 8	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 13.5Mbps



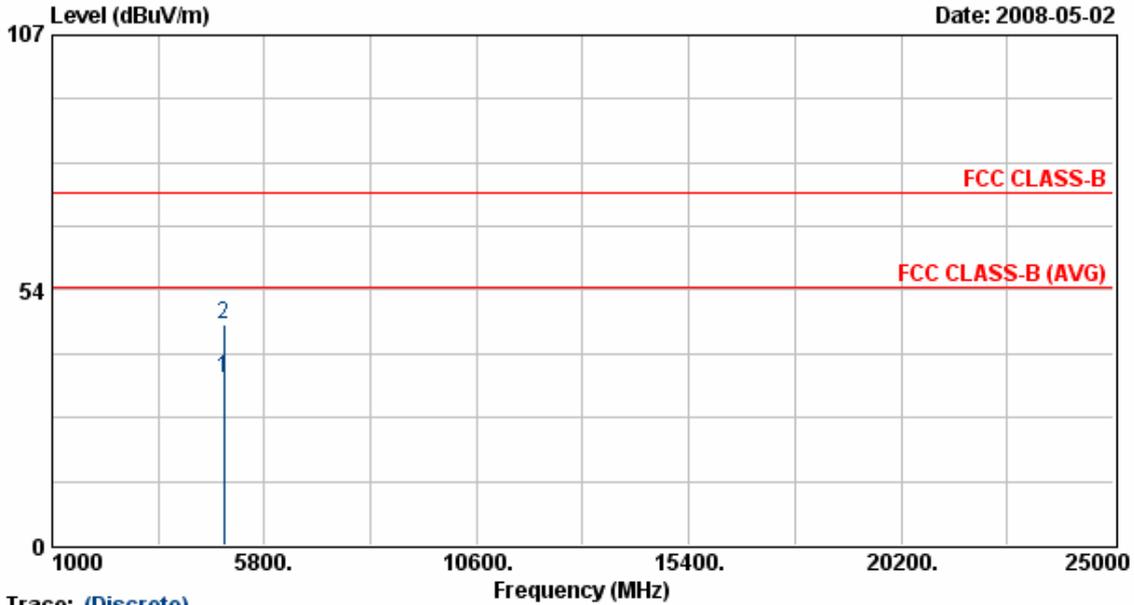
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.98	29.27	5.80	35.07	54.00	-18.93	Average	100	163
2	4873.98	40.83	5.80	46.63	74.00	-27.37	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 8	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 13.5Mbps



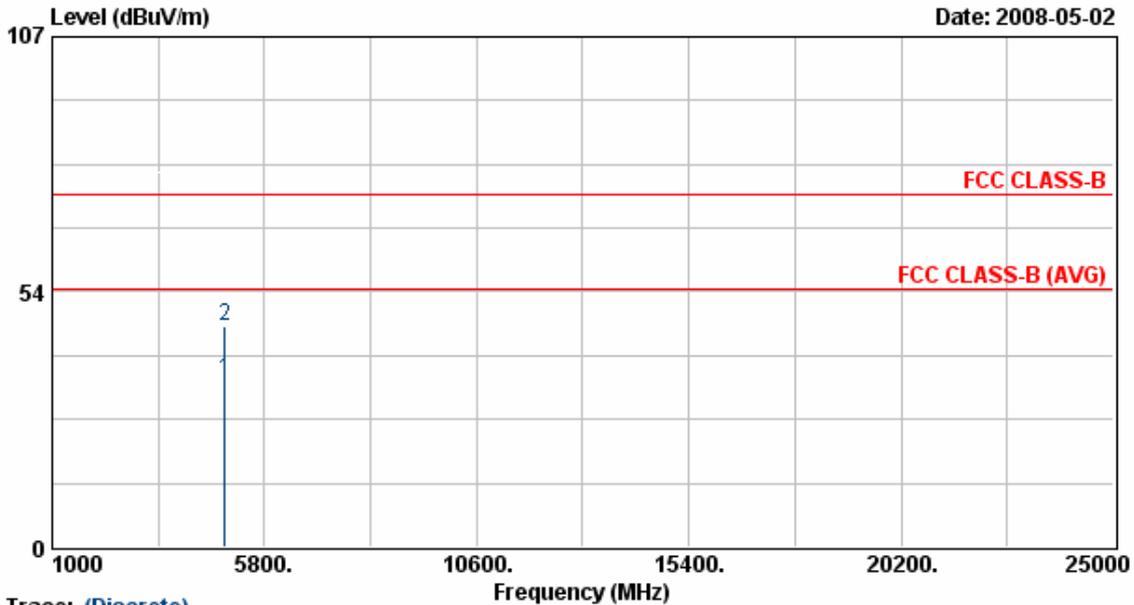
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.03	29.37	5.80	35.17	54.00	-18.83	Average	100	190
2	4874.03	40.60	5.80	46.40	74.00	-27.60	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 8	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 9	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 13.5Mbps



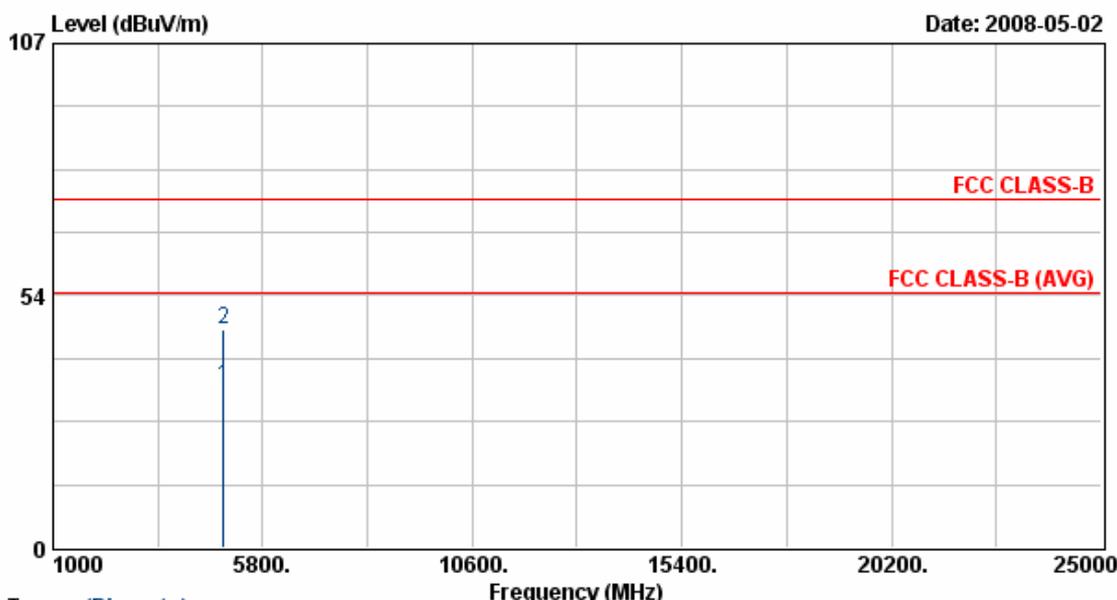
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4903.93	29.21	5.88	35.09	54.00	-18.91	Average	100	163
2	4903.93	40.58	5.88	46.46	74.00	-27.54	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 8	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 9	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 13.5Mbps



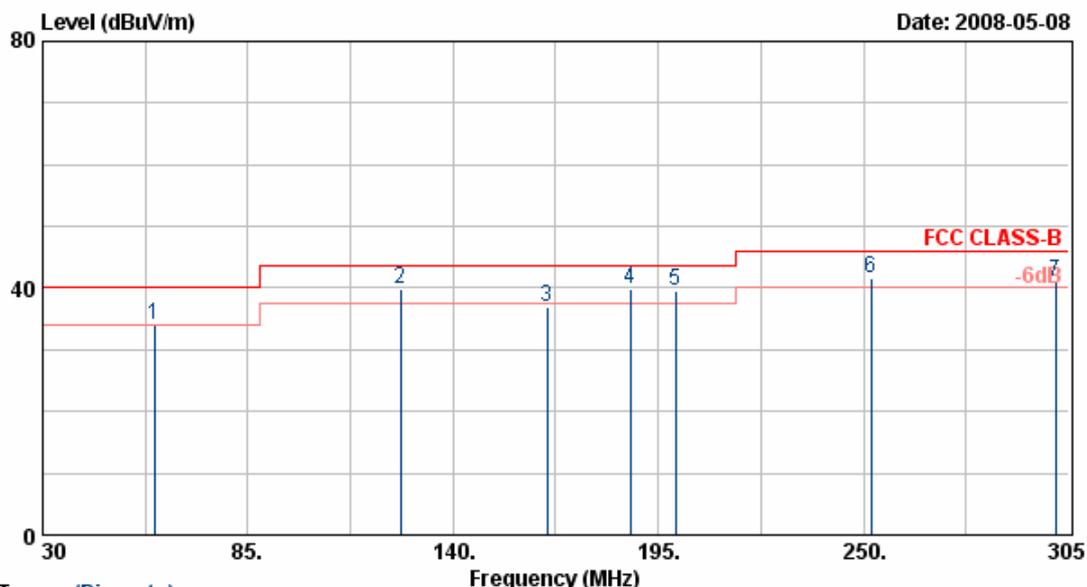
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4904.08	28.46	5.88	34.34	54.00	-19.66	Average	100	190
2	4904.08	40.56	5.88	46.44	74.00	-27.56	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 9	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6.5Mbps



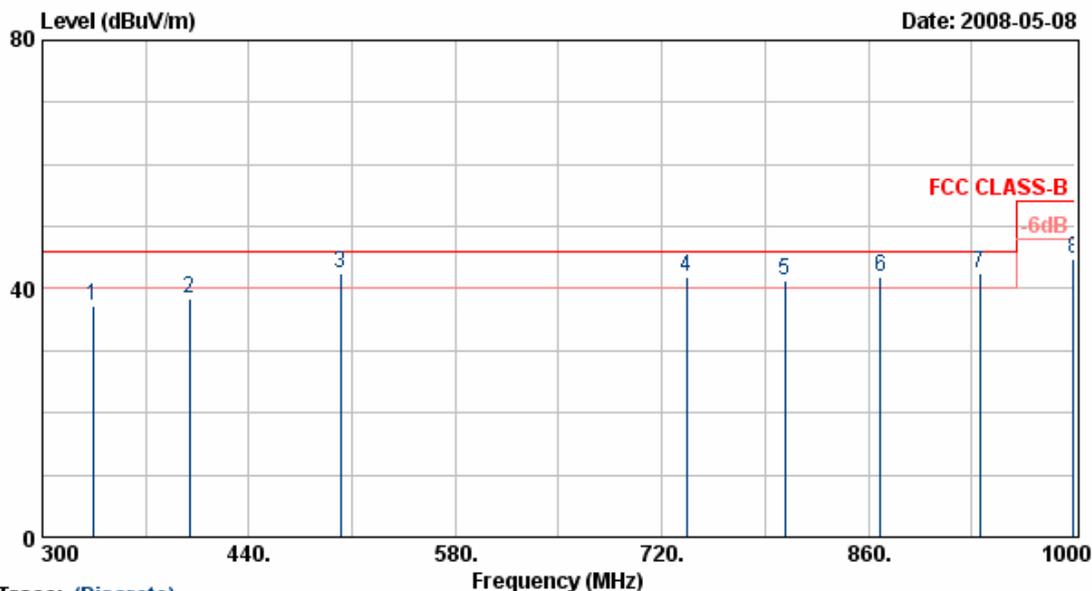
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	59.98	50.68	-16.69	33.99	40.00	-6.01	Peak	100	55
2	125.99	53.52	-13.65	39.86	43.50	-3.64	QP	100	111
3	165.30	49.96	-13.12	36.84	43.50	-6.66	Peak	100	111
4	187.58	49.95	-10.21	39.74	43.50	-3.76	QP	100	256
5	199.70	51.22	-11.71	39.51	43.50	-3.99	QP	100	210
6	251.93	53.46	-11.79	41.67	46.00	-4.33	QP	100	188
7	301.43	50.11	-9.09	41.02	46.00	-4.98	QP	100	188

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 9	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6.5Mbps



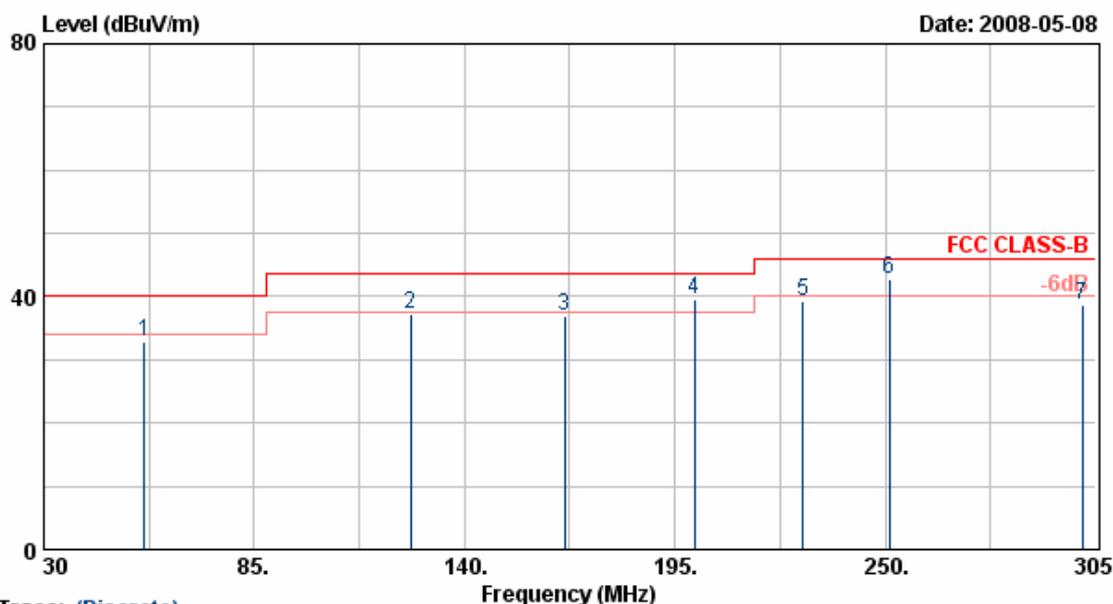
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	47.85	-10.67	37.18	46.00	-8.82	Peak	100	222
2	399.40	46.89	-8.62	38.27	46.00	-7.73	Peak	100	102
3	502.30	47.29	-4.95	42.34	46.00	-3.66	QP	100	102
4	736.80	39.17	2.84	42.00	46.00	-4.00	QP	100	50
5	803.30	43.95	-2.76	41.19	46.00	-4.81	QP	100	50
6	868.40	40.79	0.96	41.75	46.00	-4.25	QP	100	50
7	935.60	43.52	-0.92	42.60	46.00	-3.40	QP	100	220
8	999.30	42.70	1.97	44.67	54.00	-9.33	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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 9	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6.5Mbps

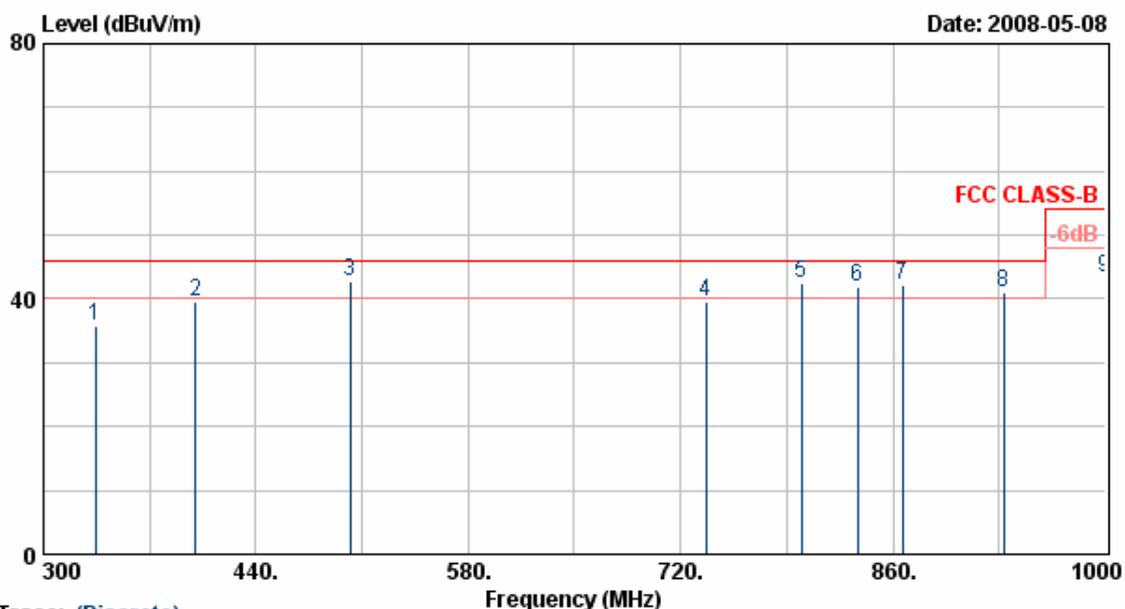


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	56.40	54.88	-22.04	32.84	40.00	-7.16	Peak	200	111
2	125.98	56.95	-19.62	37.33	43.50	-6.17	Peak	200	110
3	166.25	55.58	-18.64	36.94	43.50	-6.56	Peak	200	110
4	200.00	54.15	-14.49	39.66	43.50	-3.84	QP	200	98
5	228.55	57.71	-18.38	39.33	46.00	-6.67	Peak	200	98
6	251.10	59.96	-17.31	42.65	46.00	-3.35	QP	200	28
7	301.45	53.11	-14.32	38.79	46.00	-7.21	Peak	200	28

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 9	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6.5Mbps



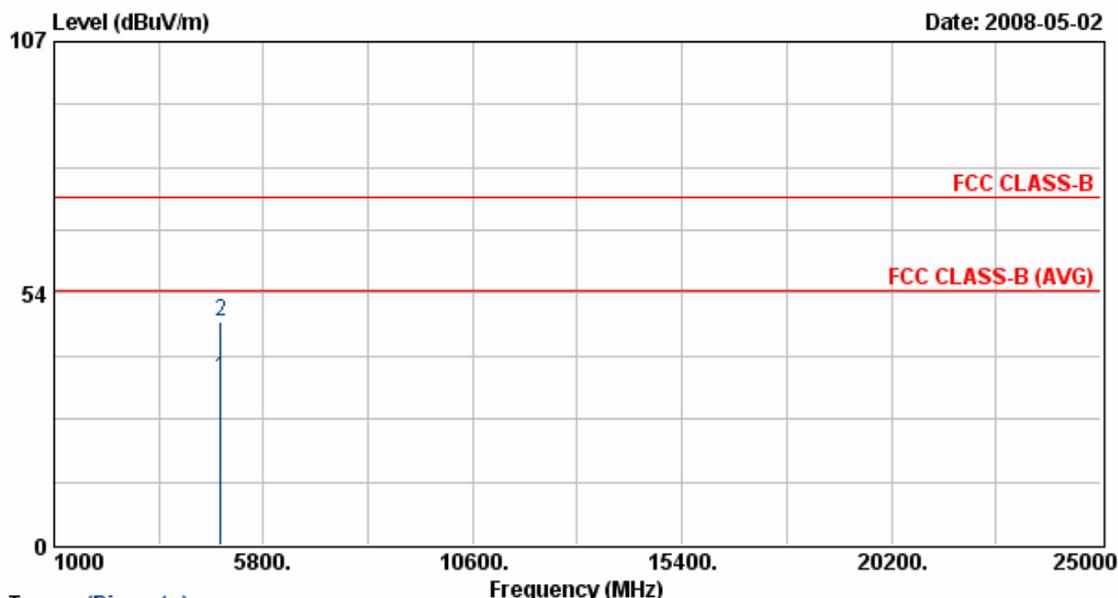
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	47.85	-12.21	35.64	46.00	-10.36	Peak	200	111
2	400.00	50.90	-11.31	39.59	46.00	-6.41	Peak	200	111
3	502.30	47.79	-5.03	42.76	46.00	-3.24	QP	200	111
4	736.80	39.98	-0.52	39.46	46.00	-6.54	Peak	200	184
5	799.99	42.92	-0.54	42.38	46.00	-3.62	QP	200	184
6	836.90	39.26	2.71	41.97	46.00	-4.03	QP	200	117
7	866.66	38.52	3.60	42.12	46.00	-3.88	QP	200	117
8	933.30	35.85	5.17	41.02	46.00	-4.98	QP	200	0
9	999.90	40.00	3.34	43.34	54.00	-10.66	Peak	200	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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 9	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6.5Mbps



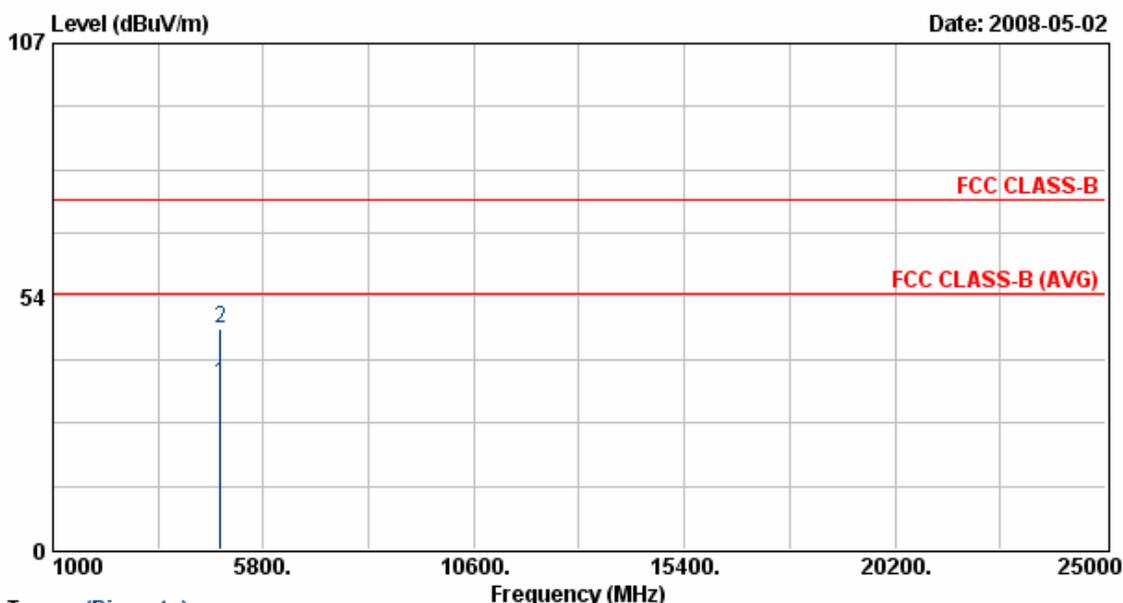
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.90	29.56	5.67	35.23	54.00	-18.77	Average	100	163
2	4823.90	41.77	5.67	47.44	74.00	-26.56	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 9	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6.5Mbps



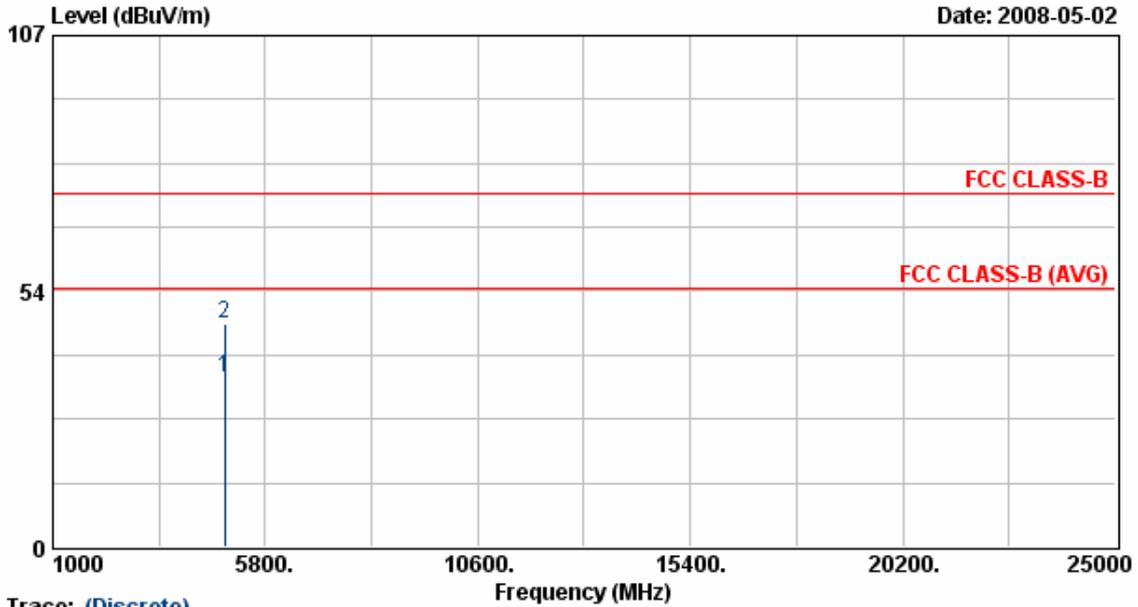
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.08	29.44	5.67	35.11	54.00	-18.89	Average	100	190
2	4824.08	41.11	5.67	46.78	74.00	-27.22	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 9	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6.5Mbps



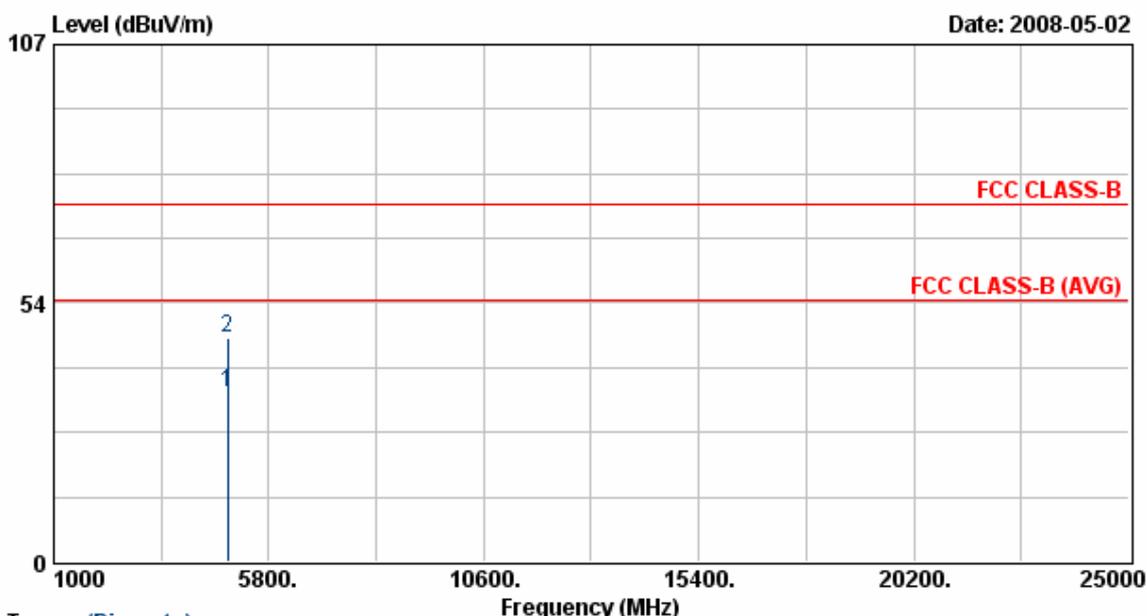
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.88	29.63	5.80	35.43	54.00	-18.57	Average	100	163
2	4873.88	40.97	5.80	46.77	74.00	-27.23	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 9	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6.5Mbps



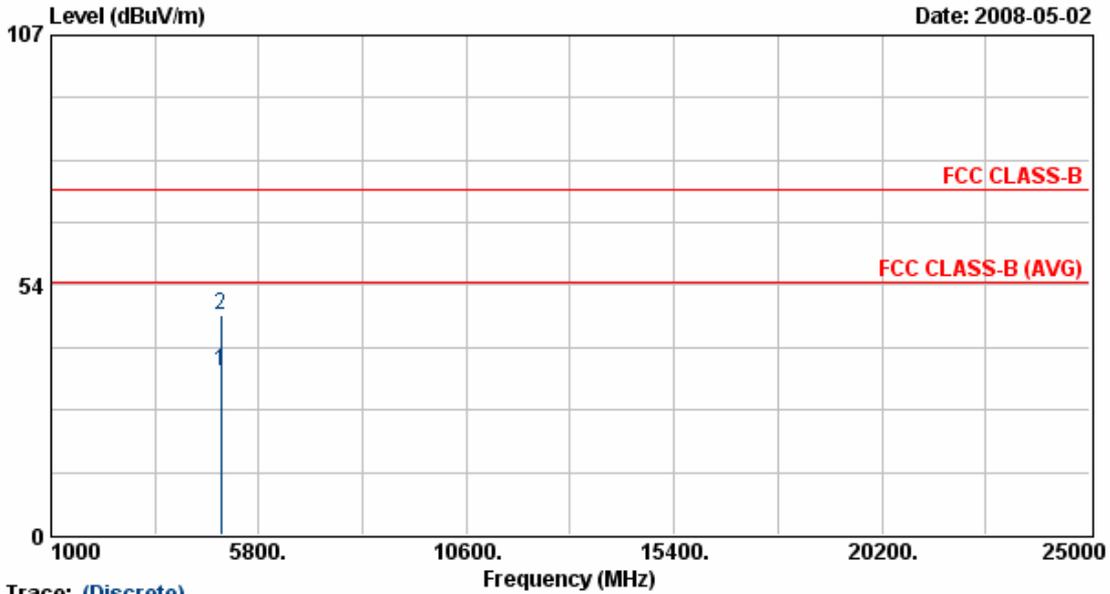
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.83	29.34	5.80	35.14	54.00	-18.86	Average	100	190
2	4873.83	40.40	5.80	46.20	74.00	-27.80	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 9	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6.5Mbps



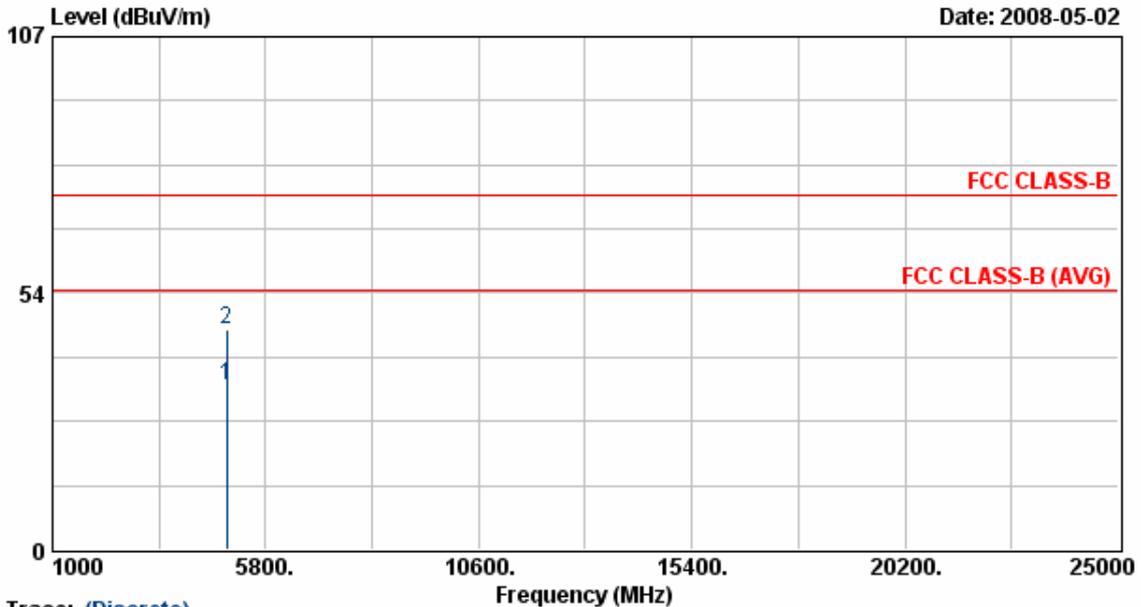
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.93	29.26	5.93	35.19	54.00	-18.81	Average	100	163
2	4923.93	41.34	5.93	47.27	74.00	-26.73	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 9	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 6.5Mbps



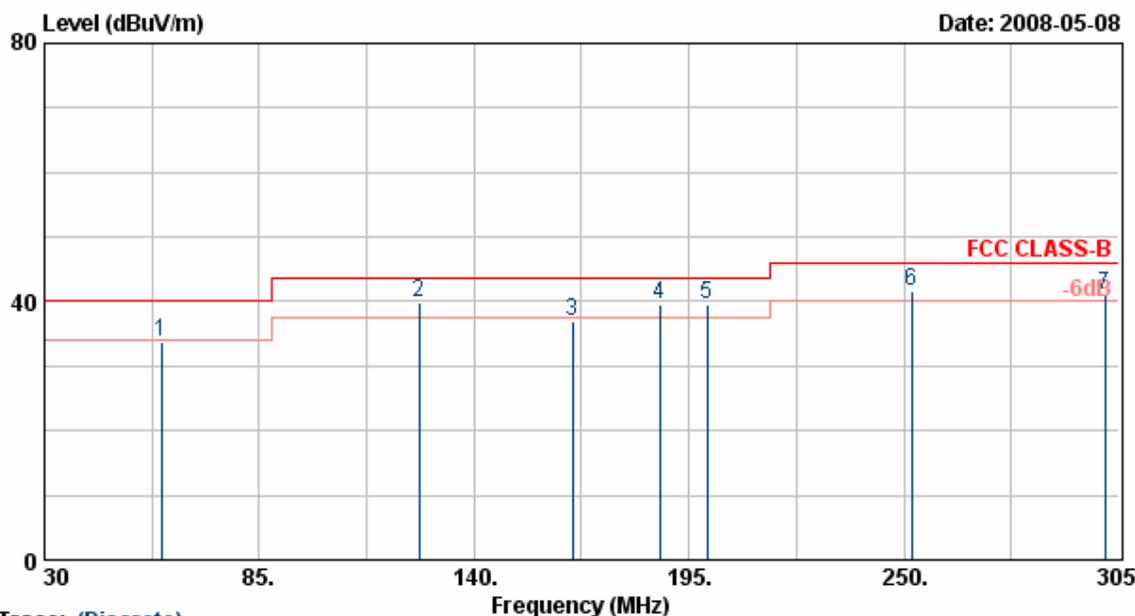
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.00	28.34	5.93	34.27	54.00	-19.73	Average	100	190
2	4924.00	40.13	5.93	46.06	74.00	-27.94	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 10	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 13.5Mbps



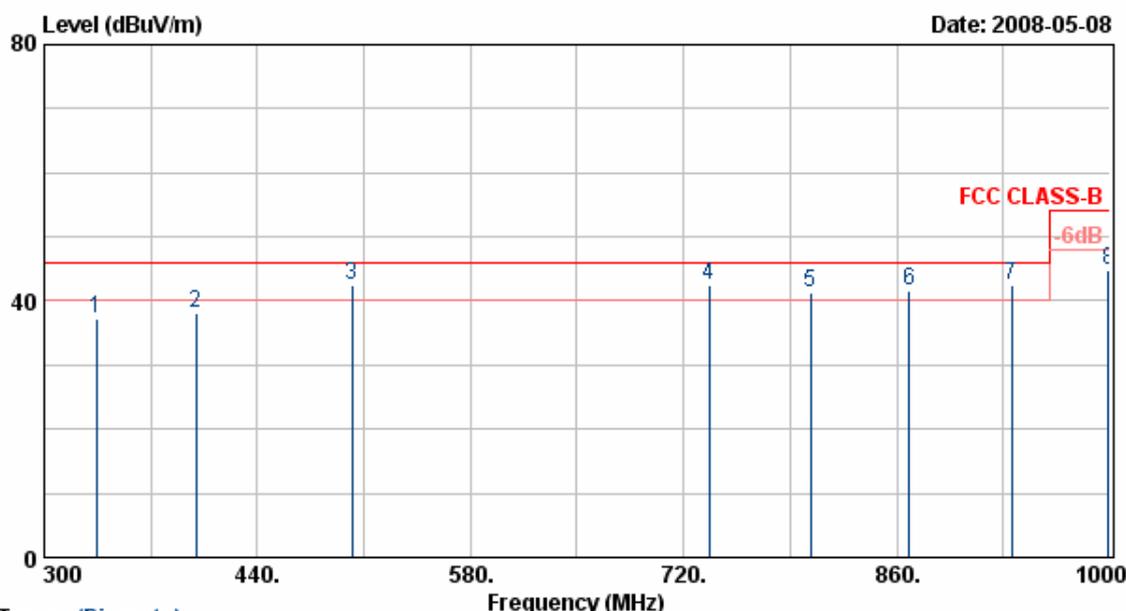
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	59.98	50.55	-16.69	33.86	40.00	-6.14	Peak	100	55
2	125.99	53.49	-13.65	39.84	43.50	-3.66	QP	100	111
3	165.30	49.96	-13.12	36.84	43.50	-6.66	Peak	100	111
4	187.58	49.77	-10.21	39.55	43.50	-3.95	QP	100	256
5	199.70	51.22	-11.71	39.51	43.50	-3.99	QP	100	210
6	251.93	53.50	-11.79	41.71	46.00	-4.29	QP	100	188
7	301.43	50.11	-9.09	41.02	46.00	-4.98	QP	100	188

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. According to technical experiences,all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz,so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 10	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 13.5Mbps



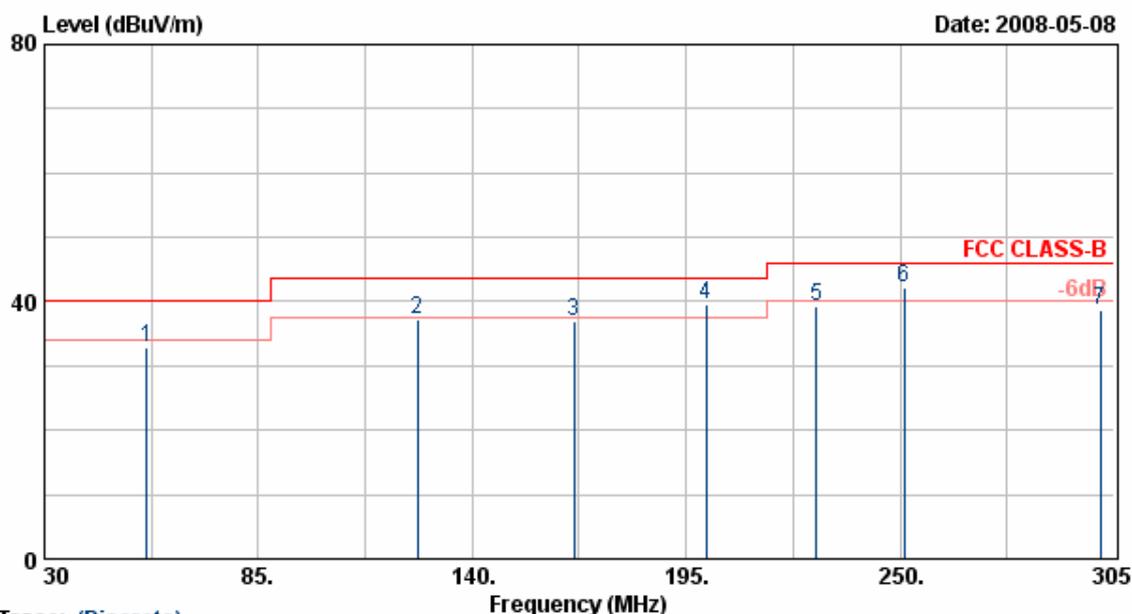
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	47.85	-10.67	37.18	46.00	-8.82	Peak	100	222
2	399.40	46.65	-8.62	38.03	46.00	-7.97	Peak	100	102
3	502.30	47.29	-4.95	42.34	46.00	-3.66	QP	100	102
4	736.80	39.78	2.84	42.62	46.00	-3.38	QP	100	50
5	803.30	43.95	-2.76	41.19	46.00	-4.81	QP	100	50
6	868.40	40.76	0.96	41.72	46.00	-4.28	QP	100	50
7	935.60	43.52	-0.92	42.60	46.00	-3.40	QP	100	220
8	999.30	42.70	1.97	44.67	54.00	-9.33	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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 10	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 13.5Mbps



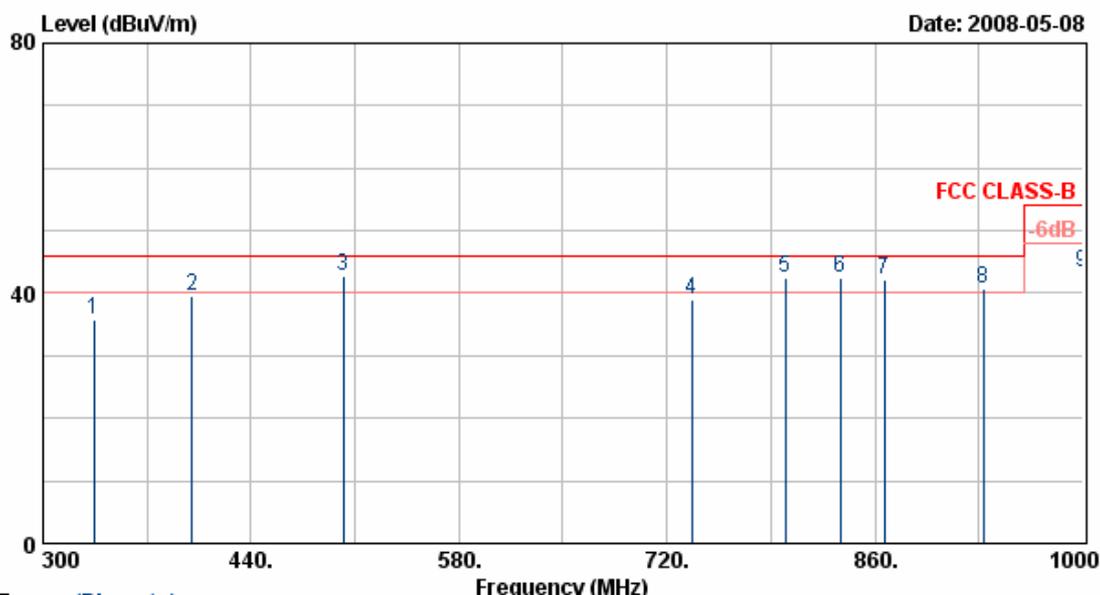
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	56.40	54.88	-22.04	32.84	40.00	-7.16	Peak	200	111
2	125.98	56.99	-19.62	37.37	43.50	-6.13	Peak	200	110
3	166.25	55.58	-18.64	36.94	43.50	-6.56	Peak	200	110
4	200.00	54.16	-14.49	39.67	43.50	-3.83	QP	200	98
5	228.55	57.71	-18.38	39.33	46.00	-6.67	Peak	200	98
6	251.10	59.55	-17.31	42.24	46.00	-3.76	QP	200	28
7	301.45	53.11	-14.32	38.79	46.00	-7.21	Peak	200	28

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 10	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 13.5Mbps



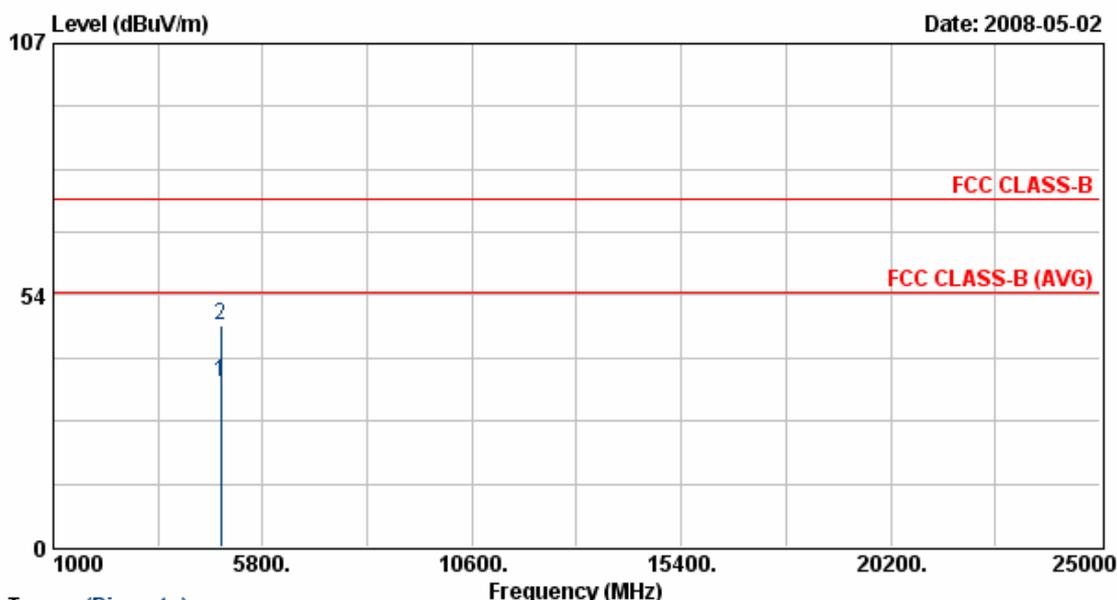
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	47.85	-12.21	35.64	46.00	-10.36	Peak	200	111
2	400.00	50.79	-11.31	39.48	46.00	-6.52	Peak	200	111
3	502.30	47.79	-5.03	42.76	46.00	-3.24	QP	200	111
4	736.80	39.52	-0.52	38.99	46.00	-7.01	Peak	200	184
5	799.99	42.92	-0.54	42.38	46.00	-3.62	QP	200	184
6	836.90	39.88	2.71	42.59	46.00	-3.41	QP	200	117
7	866.66	38.52	3.60	42.12	46.00	-3.88	QP	200	117
8	933.30	35.48	5.17	40.65	46.00	-5.35	QP	200	0
9	999.90	40.00	3.34	43.34	54.00	-10.66	Peak	200	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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 10	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 13.5Mbps



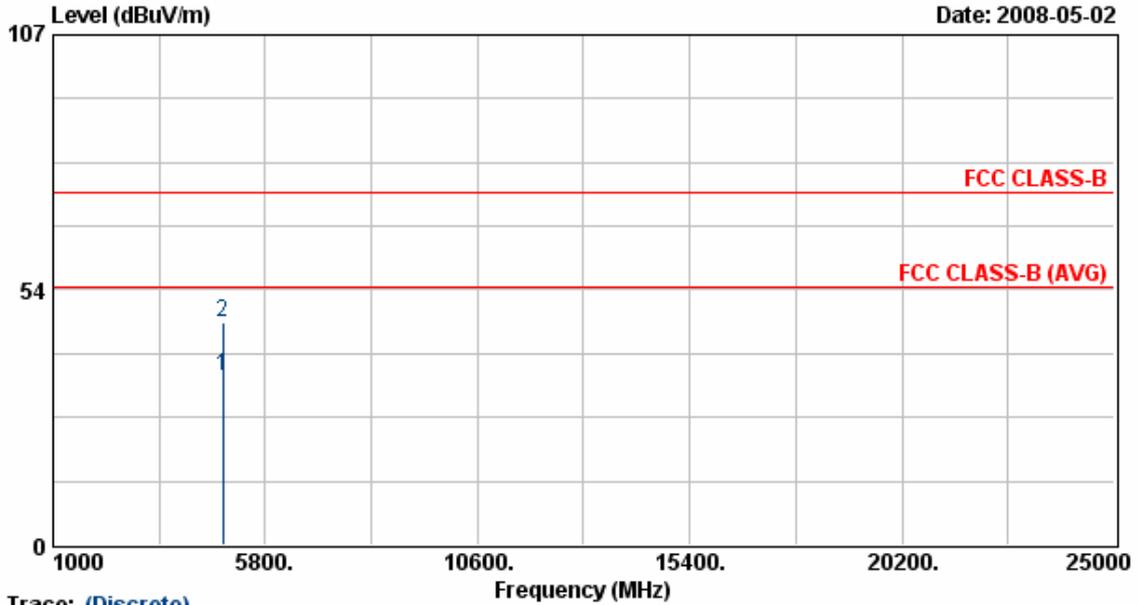
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4844.23	29.34	5.72	35.06	54.00	-18.94	Average	100	163
2	4844.23	41.23	5.72	46.95	74.00	-27.05	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 10	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 13.5Mbps



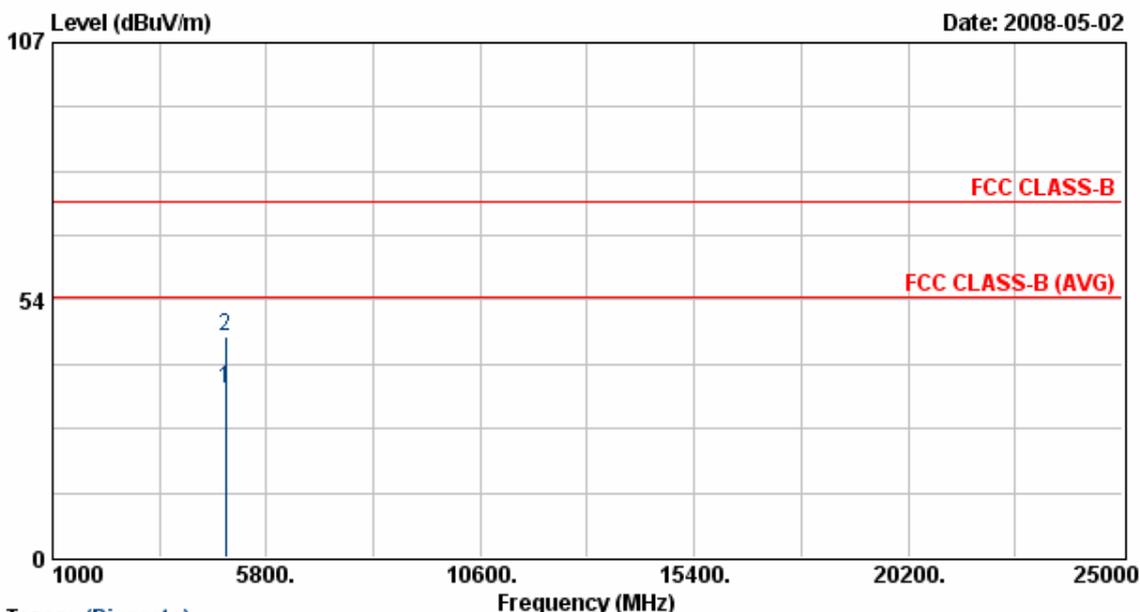
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4844.15	29.66	5.72	35.38	54.00	-18.62	Average	100	190
2	4844.15	41.14	5.72	46.86	74.00	-27.14	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 10	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 13.5Mbps



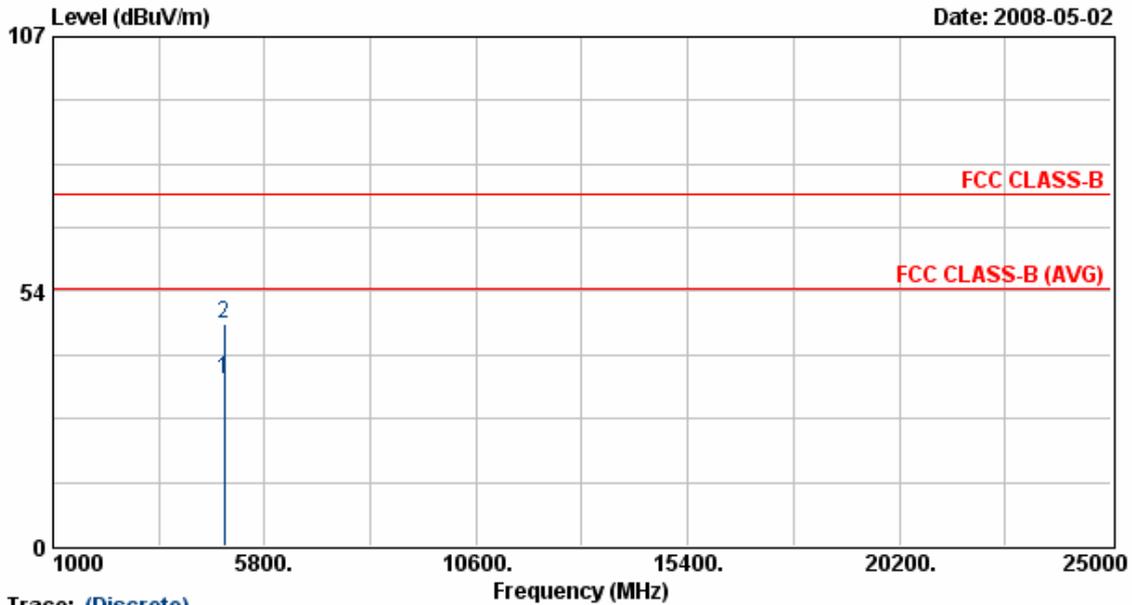
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.98	29.34	5.80	35.14	54.00	-18.86	Average	100	163
2	4873.98	40.27	5.80	46.07	74.00	-27.93	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 10	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 13.5Mbps



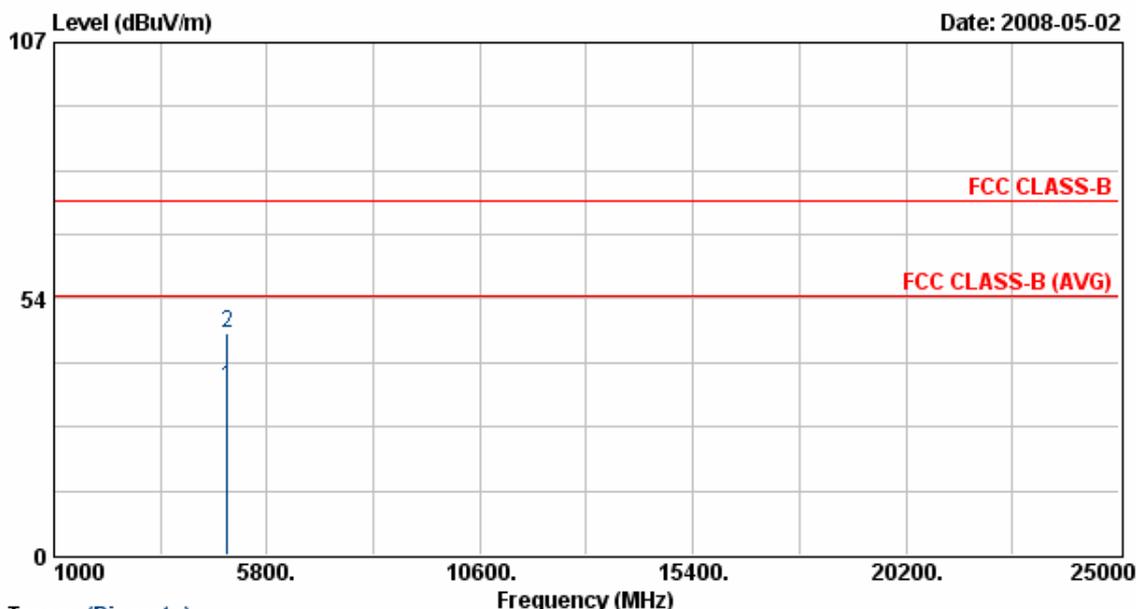
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.03	29.22	5.80	35.03	54.00	-18.97	Average	100	190
2	4874.03	40.97	5.80	46.77	74.00	-27.23	Peak	100	190

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.

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 10	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 9	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 13.5Mbps



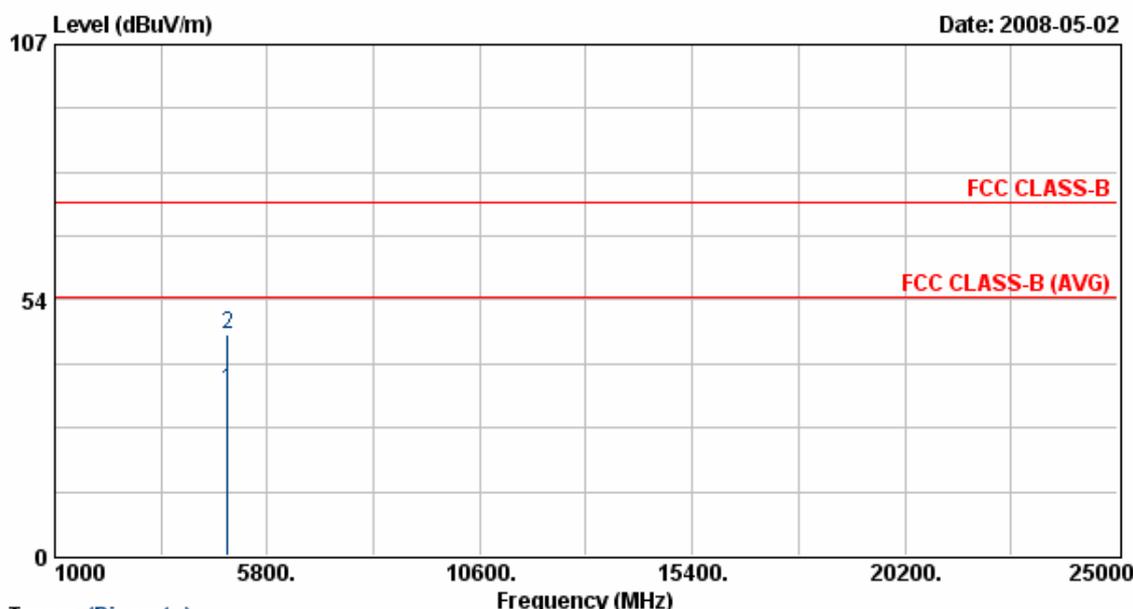
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4903.93	29.27	5.88	35.15	54.00	-18.85	Average	100	163
2	4903.93	40.57	5.88	46.45	74.00	-27.55	Peak	100	163

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.

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 10	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 9	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	: MU18-2120150-A1	Rate	: 13.5Mbps



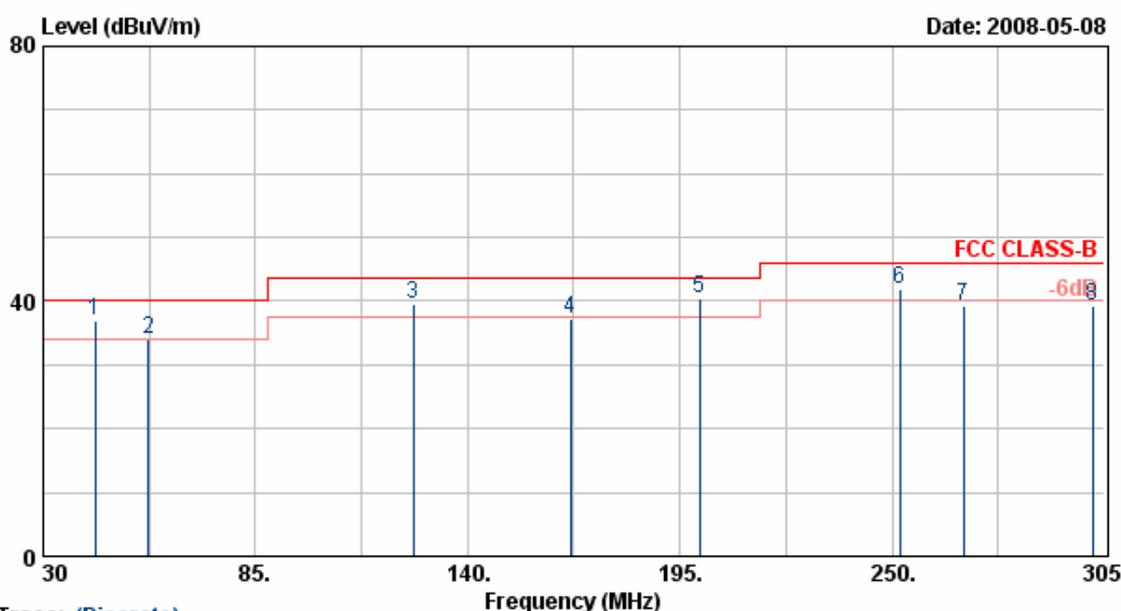
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4904.08	28.57	5.88	34.45	54.00	-19.55	Average	100	190
2	4904.08	40.36	5.88	46.24	74.00	-27.76	Peak	100	190

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.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 11	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6Mbps



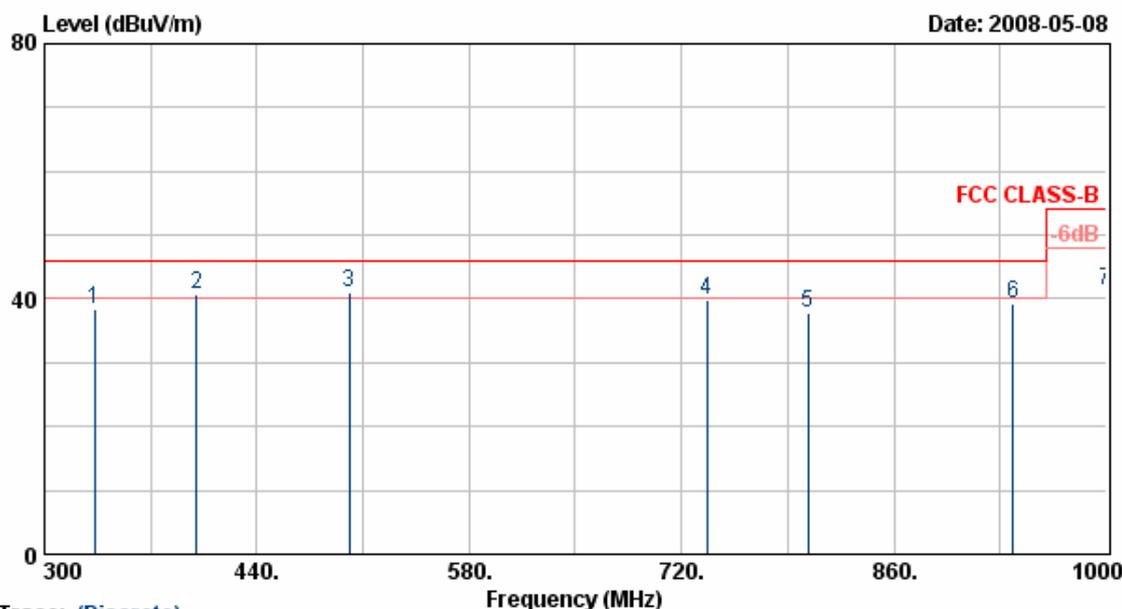
Trace: (Discrete)

Item	Freq MHz	Read Value dBuV/m	Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark	Ant Pos cm	Tab Pos Deg
1	43.48	49.82	-13.01	36.81	40.00	-3.19	QP	100	96
2	57.23	50.29	-16.21	34.08	40.00	-5.92	QP	100	85
3	125.98	53.29	-13.65	39.64	43.50	-3.86	QP	100	42
4	166.66	50.28	-12.91	37.37	43.50	-6.13	QP	100	42
5	200.23	52.18	-11.71	40.47	43.50	-3.03	QP	100	0
6	251.90	53.77	-11.81	41.96	46.00	-4.04	QP	100	0
7	268.43	47.99	-8.63	39.36	46.00	-6.64	Peak	100	0
8	301.98	48.11	-8.93	39.18	46.00	-6.82	Peak	100	66

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 mode are all the same,so the 802.11g mode chosen as representative in final test.
5. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
6. The data is worse case.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 11	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6Mbps



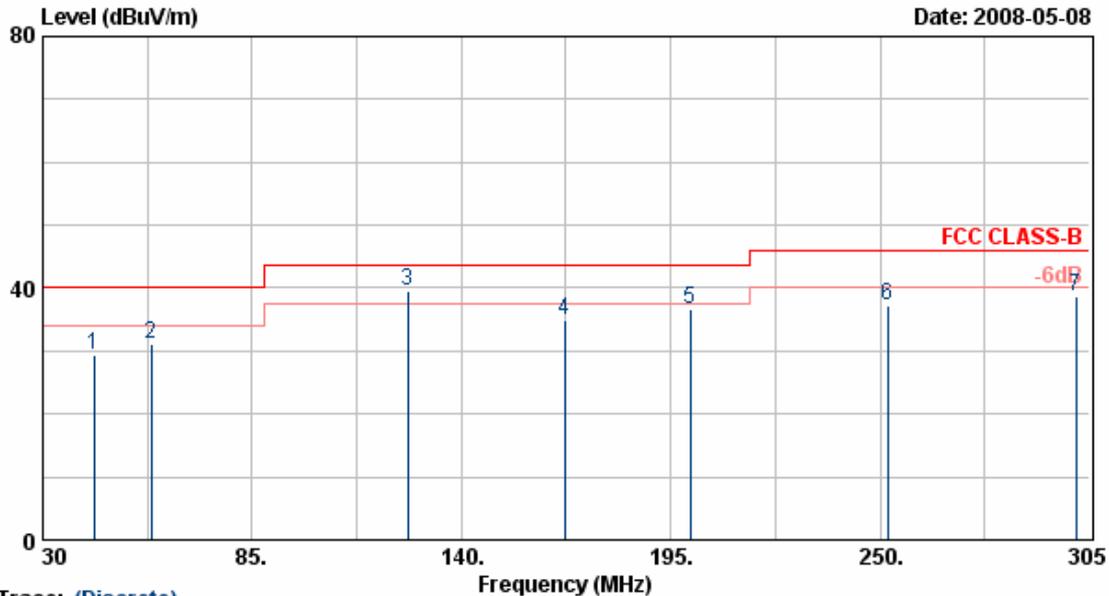
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	332.90	48.97	-10.54	38.43	46.00	-7.57	Peak	100	84
2	400.00	49.68	-8.86	40.82	46.00	-5.18	QP	100	84
3	500.90	45.97	-4.89	41.08	46.00	-4.92	QP	100	111
4	736.80	36.93	2.84	39.77	46.00	-6.23	Peak	100	111
5	803.30	40.47	-2.76	37.71	46.00	-8.29	Peak	100	147
6	938.40	39.70	-0.29	39.41	46.00	-6.59	Peak	100	147
7	999.90	39.88	1.49	41.37	54.00	-12.63	Peak	100	147

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 mode are all the same,so the 802.11g mode chosen as representative in final test.
5. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
6. The data is worse case.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 11	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6Mbps



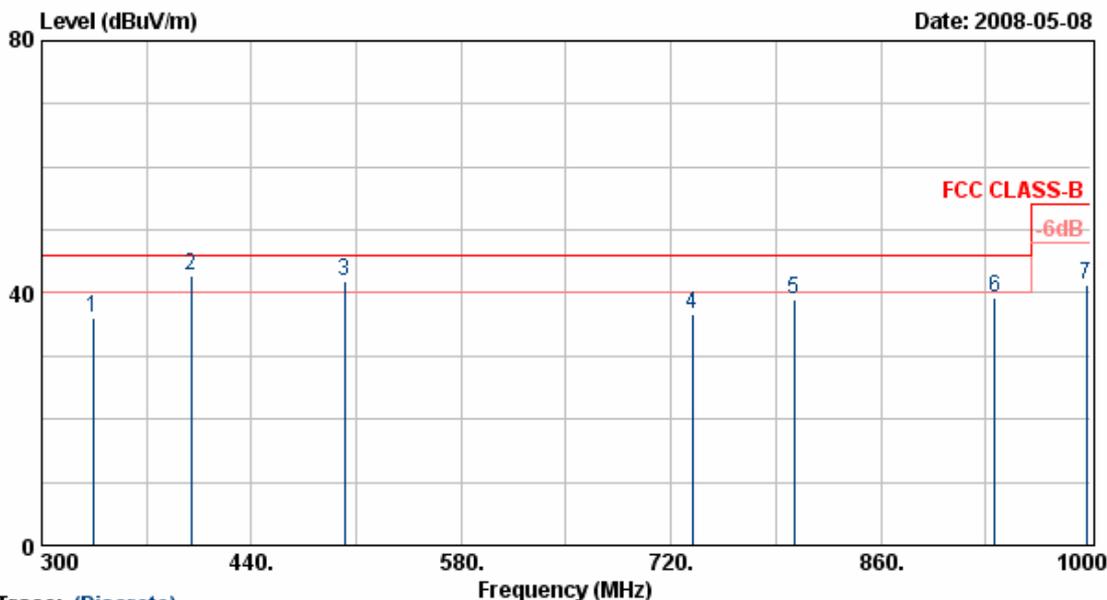
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	43.50	47.22	-17.82	29.40	40.00	-10.60	Peak	200	50
2	58.60	53.49	-22.39	31.10	40.00	-8.90	Peak	200	89
3	125.98	59.18	-19.62	39.56	43.50	-3.94	QP	200	97
4	167.23	53.39	-18.38	35.01	43.50	-8.49	Peak	200	55
5	200.23	51.13	-14.58	36.55	43.50	-6.95	Peak	200	22
6	251.93	54.38	-17.04	37.34	46.00	-8.66	Peak	200	55
7	301.43	52.88	-14.33	38.55	46.00	-7.45	Peak	200	69

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 mode are all the same,so the 802.11g mode chosen as representative in final test.
5. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
6. The data is worse case.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 11	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6Mbps



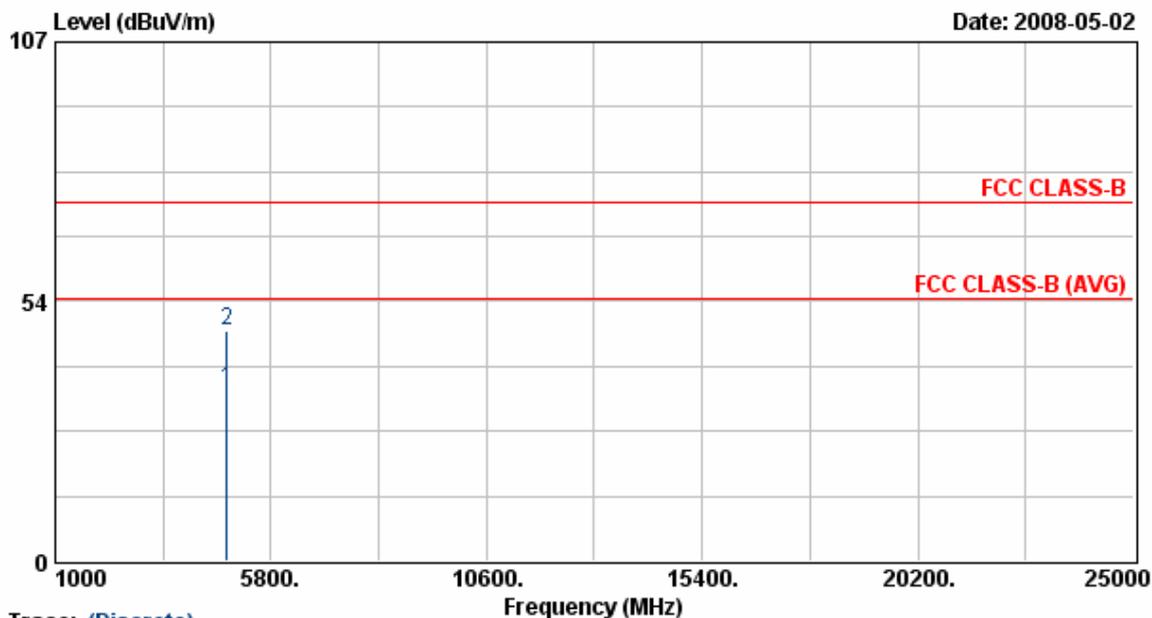
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	48.26	-12.21	36.05	46.00	-9.95	Peak	200	48
2	399.40	53.84	-11.05	42.79	46.00	-3.21	QP	200	71
3	502.30	46.84	-5.03	41.81	46.00	-4.19	QP	200	71
4	734.00	37.84	-1.12	36.72	46.00	-9.28	Peak	200	89
5	801.90	39.47	-0.40	39.07	46.00	-6.93	Peak	200	111
6	936.30	33.57	5.56	39.13	46.00	-6.87	Peak	200	99
7	997.20	36.19	5.24	41.43	54.00	-12.57	Peak	200	99

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 mode are all the same,so the 802.11g mode chosen as representative in final test.
5. According to technical experiences,all spurious emission of 802.11g mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
6. The data is worse case.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 11	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 11Mbps



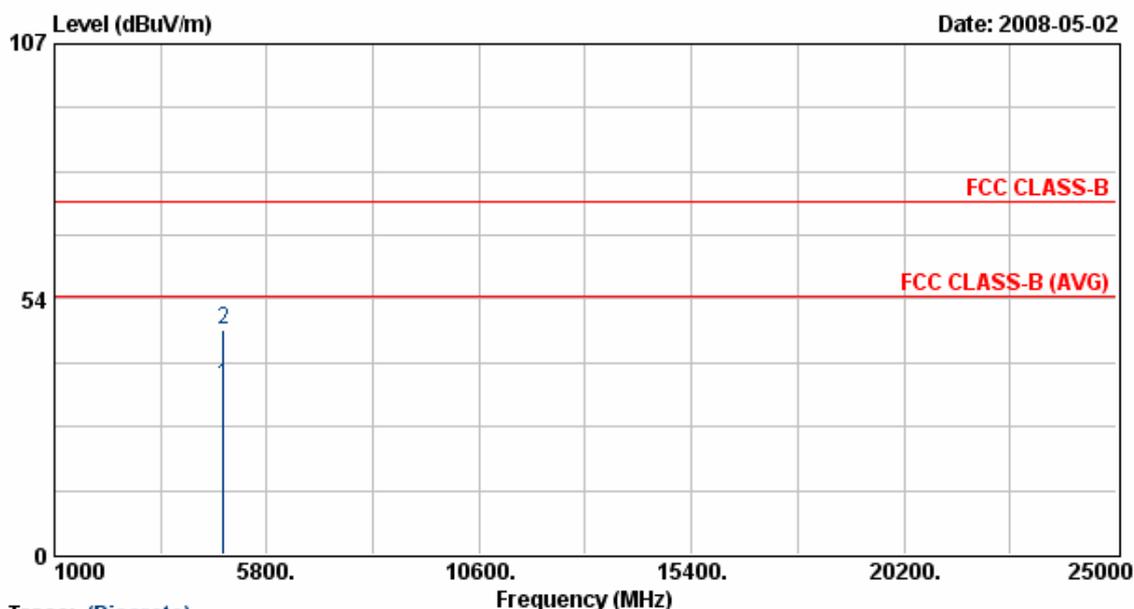
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.90	29.62	5.67	35.29	54.00	-18.71	Average	100	163
2	4823.90	41.78	5.67	47.45	74.00	-26.55	Peak	100	163

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.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 11	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 11Mbps



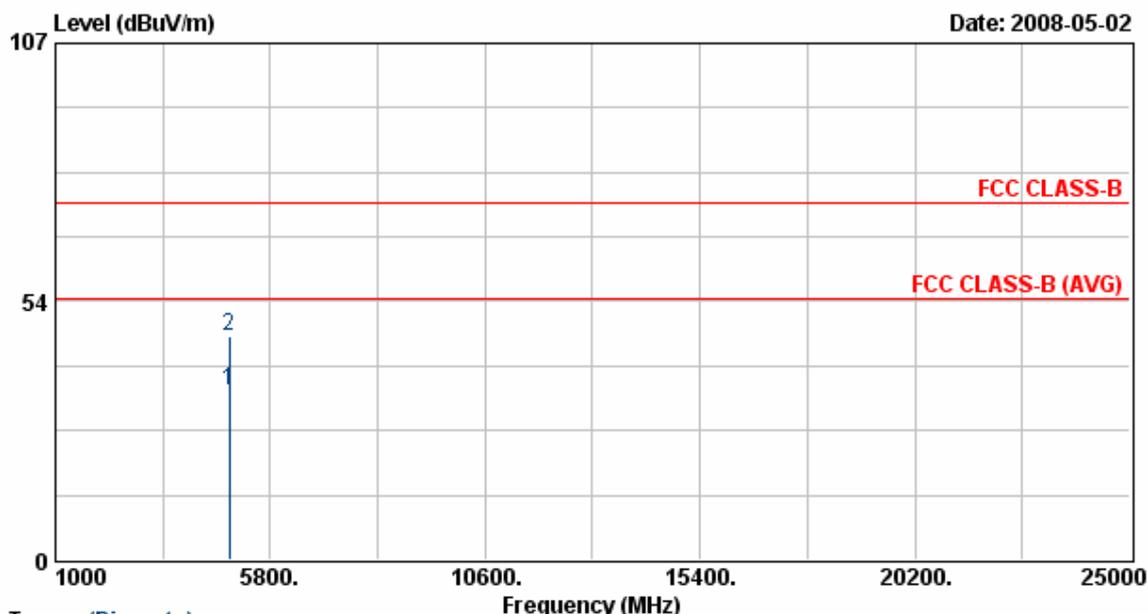
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.08	29.58	5.67	35.25	54.00	-18.75	Average	100	190
2	4824.08	41.31	5.67	46.98	74.00	-27.02	Peak	100	190

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.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 11	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 11Mbps



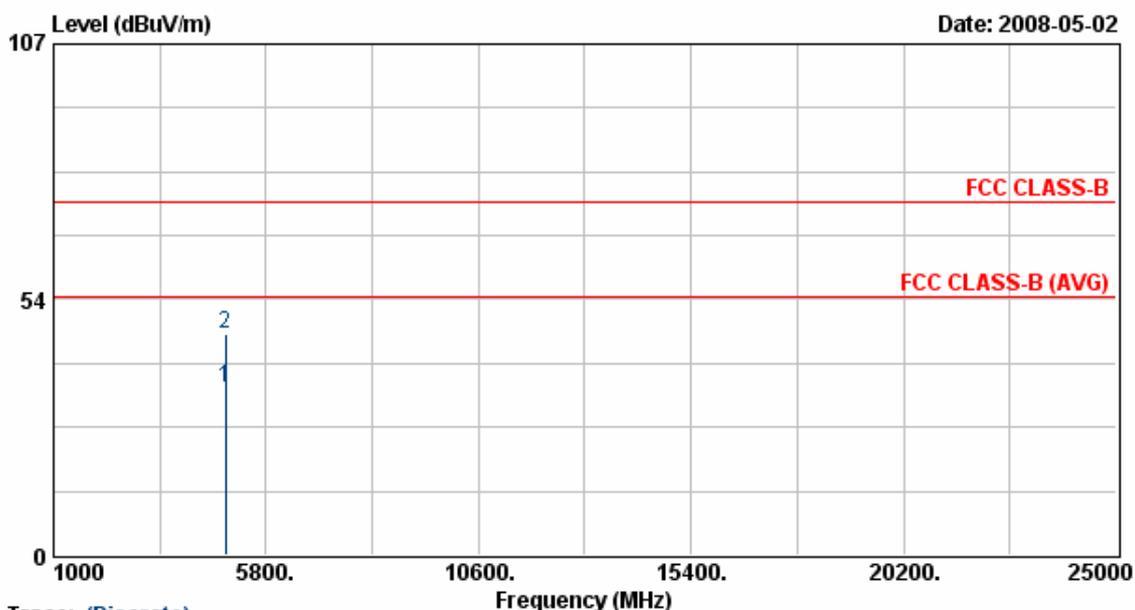
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.88	29.23	5.80	35.03	54.00	-18.97	Average	100	163
2	4873.88	40.47	5.80	46.27	74.00	-27.73	Peak	100	163

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.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 11	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 11Mbps



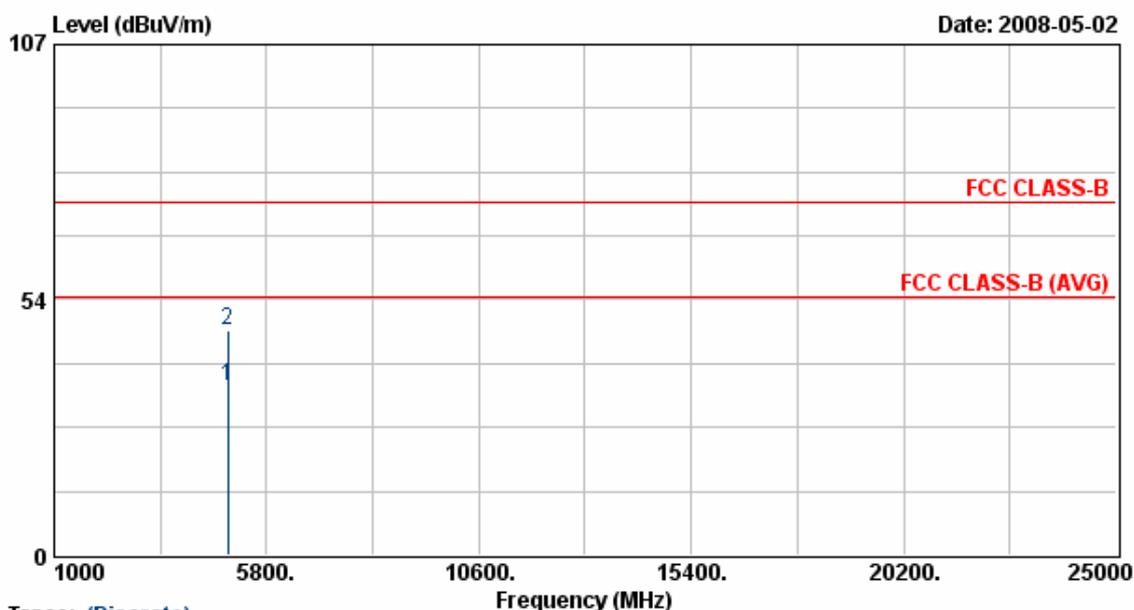
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.83	29.28	5.80	35.08	54.00	-18.92	Average	100	190
2	4873.83	40.60	5.80	46.40	74.00	-27.60	Peak	100	190

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.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 11	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 11Mbps



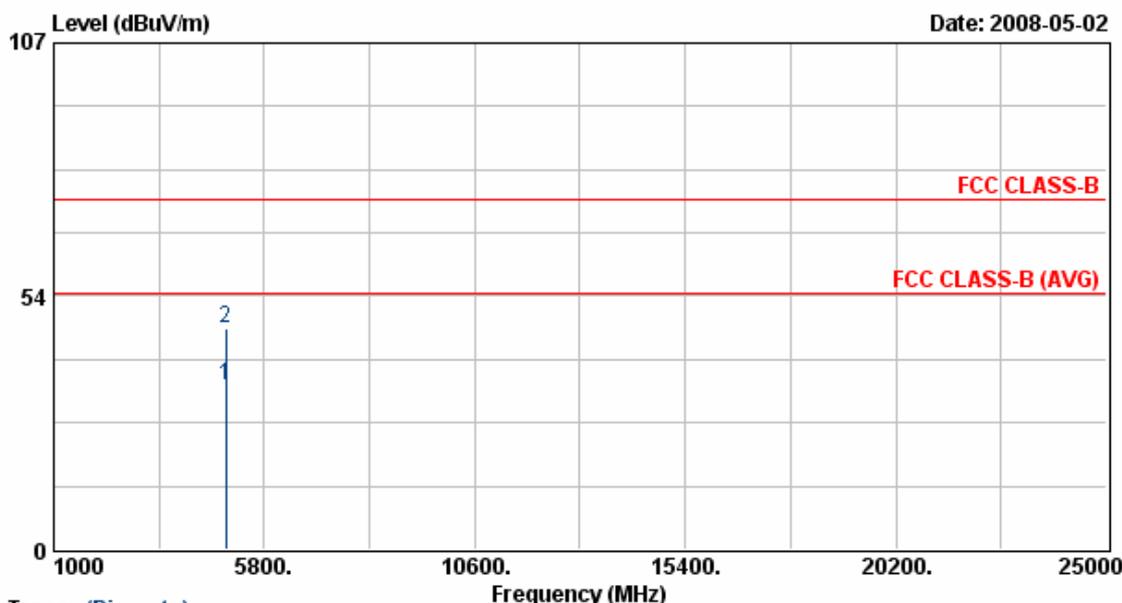
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.93	29.41	5.93	35.34	54.00	-18.66	Average	100	163
2	4923.93	41.23	5.93	47.16	74.00	-26.84	Peak	100	163

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.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 11	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 11Mbps



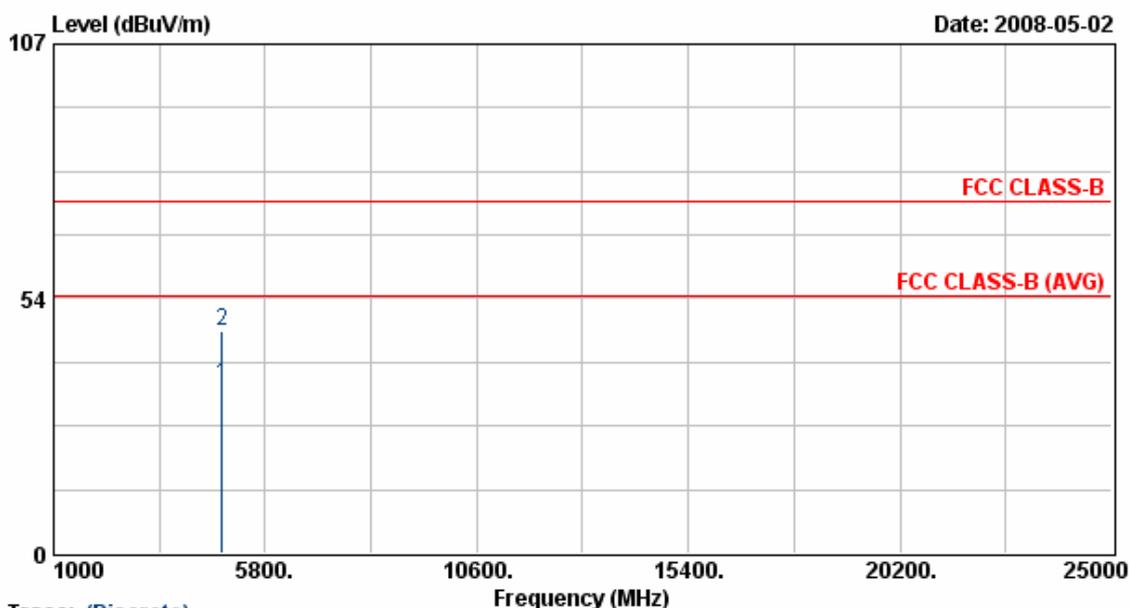
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.00	28.53	5.93	34.47	54.00	-19.53	Average	100	190
2	4924.00	40.64	5.93	46.57	74.00	-27.43	Peak	100	190

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.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 11	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6Mbps



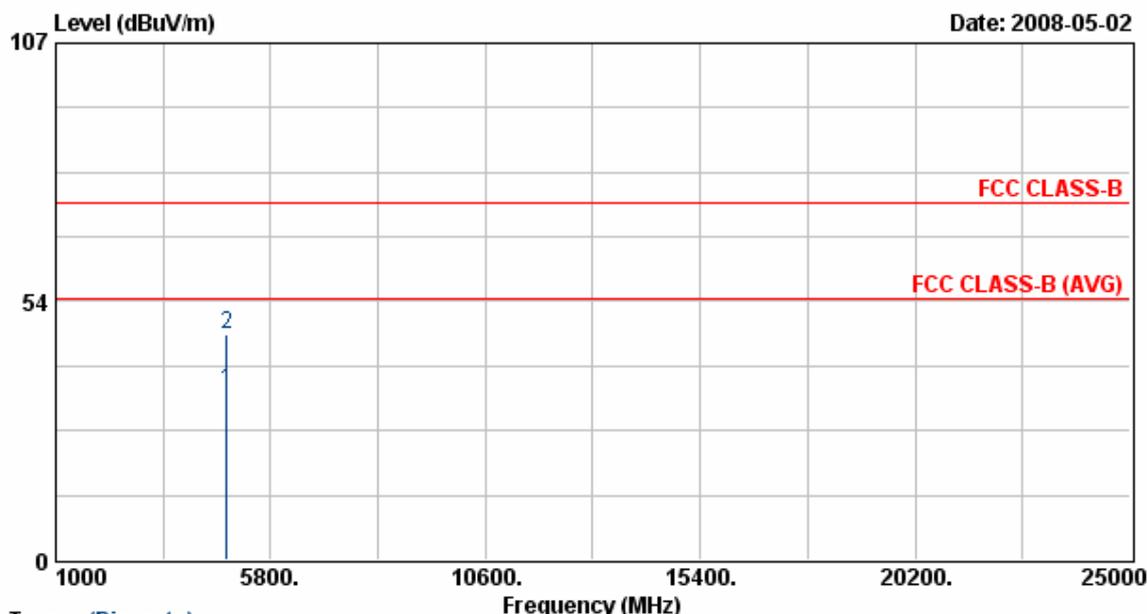
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.23	29.56	5.67	35.23	54.00	-18.77	Average	100	163
2	4824.23	41.12	5.67	46.80	74.00	-27.20	Peak	100	163

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.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 11	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6Mbps



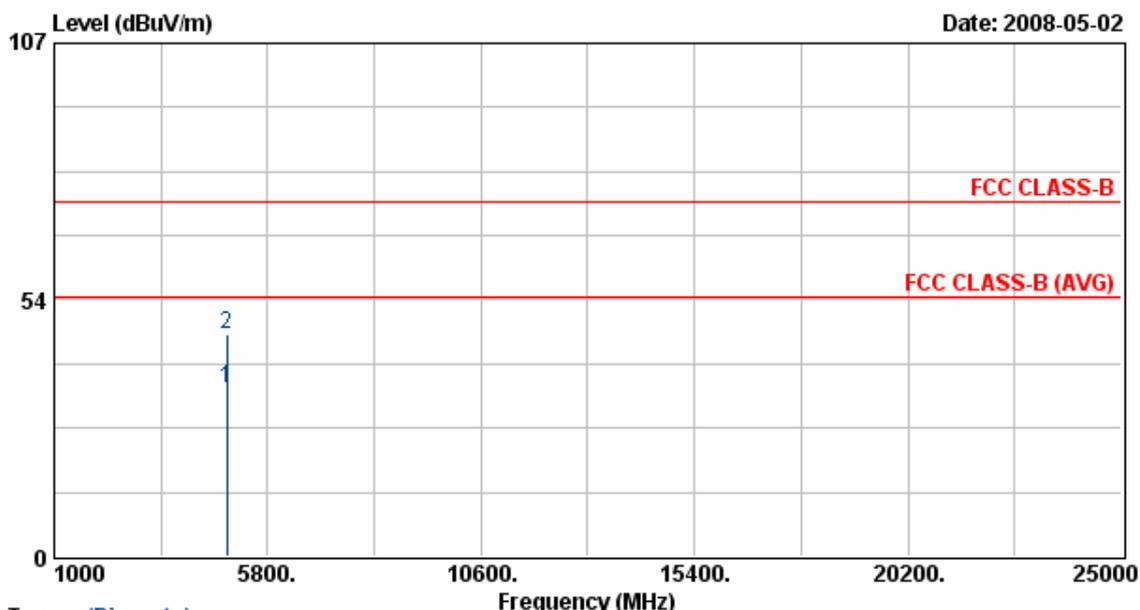
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.15	29.48	5.67	35.15	54.00	-18.85	Average	100	190
2	4824.15	41.11	5.67	46.78	74.00	-27.22	Peak	100	190

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.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 11	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6Mbps



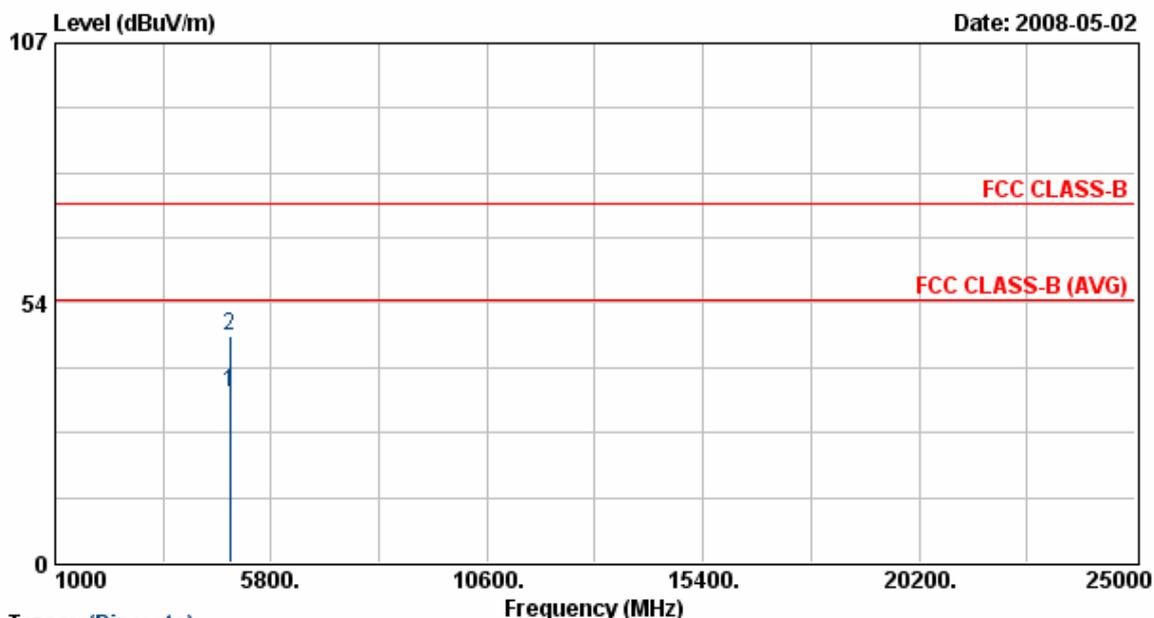
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.98	29.07	5.80	34.87	54.00	-19.13	Average	100	163
2	4873.98	40.58	5.80	46.39	74.00	-27.61	Peak	100	163

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.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 11	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6Mbps



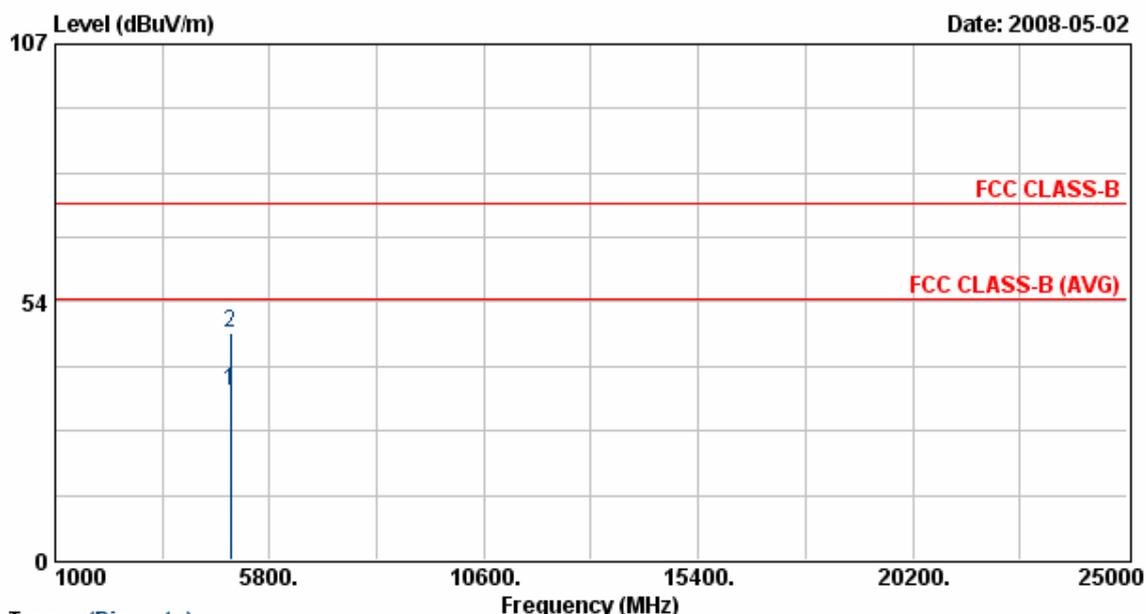
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.03	29.18	5.80	34.98	54.00	-19.02	Average	100	190
2	4874.03	40.76	5.80	46.56	74.00	-27.44	Peak	100	190

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.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 11	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6Mbps



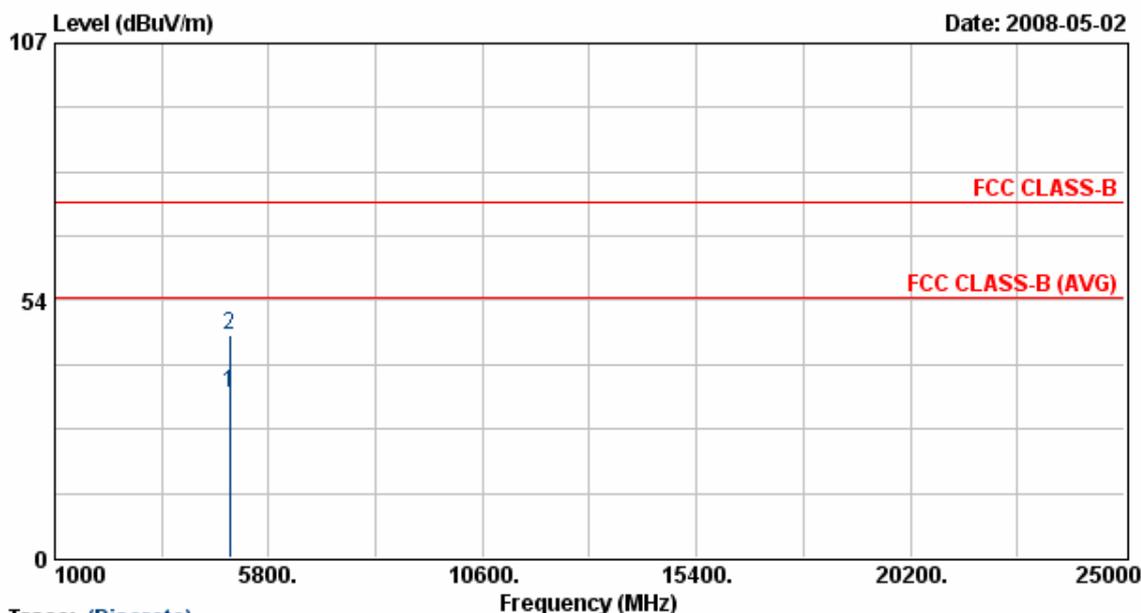
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.93	29.01	5.93	34.94	54.00	-19.06	Average	100	163
2	4923.93	41.08	5.93	47.01	74.00	-26.99	Peak	100	163

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.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 11	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6Mbps



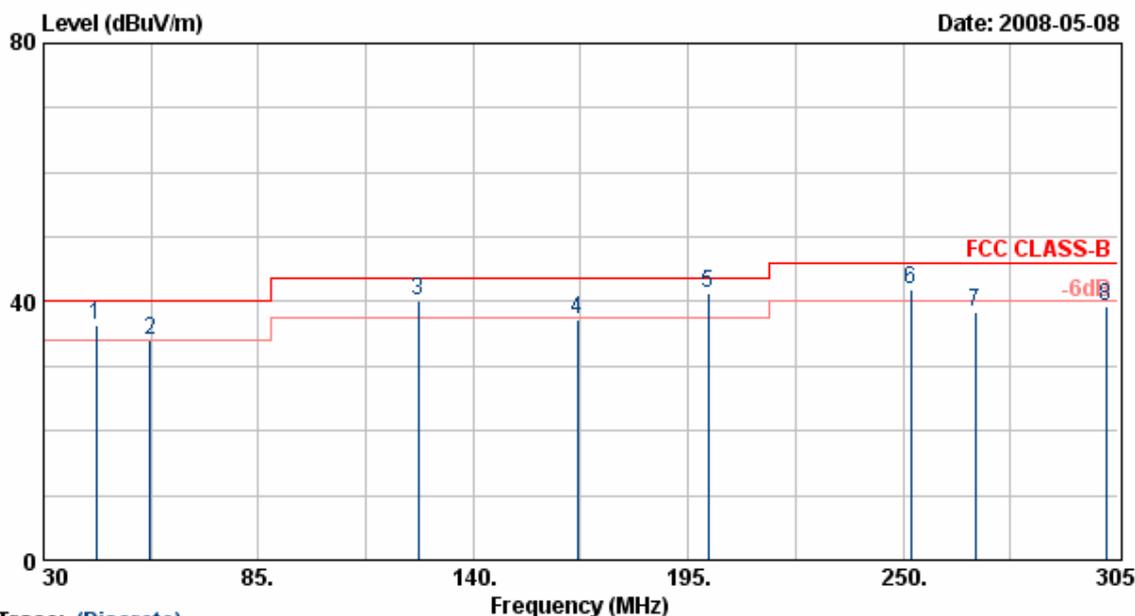
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.08	28.46	5.93	34.39	54.00	-19.61	Average	100	190
2	4924.08	40.27	5.93	46.20	74.00	-27.80	Peak	100	190

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.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 12	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6.5Mbps



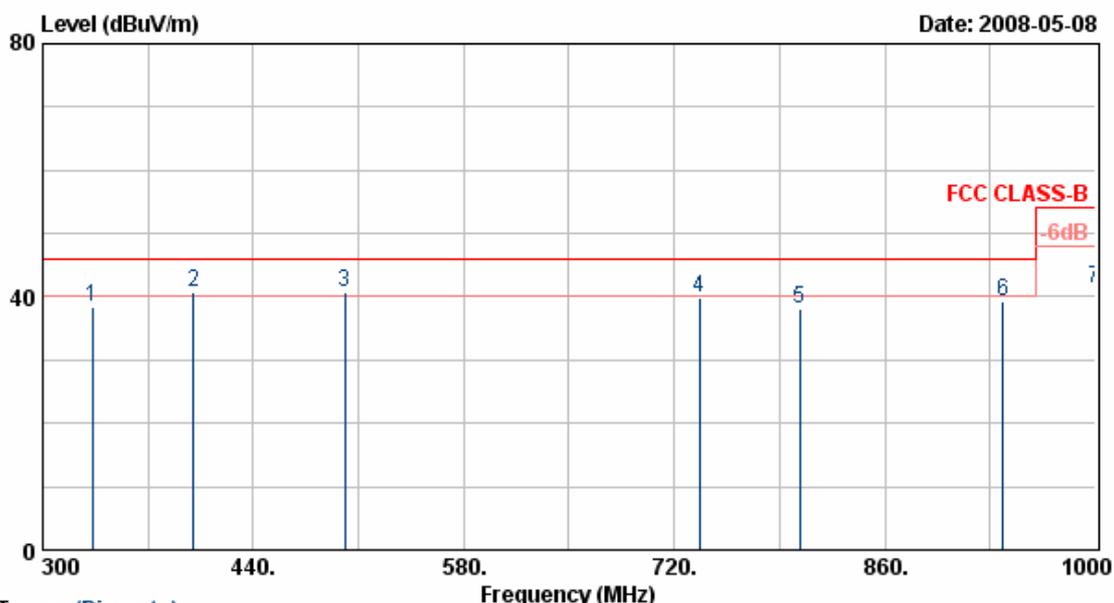
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	43.48	49.46	-13.01	36.45	40.00	-3.55	QP	100	96
2	57.23	50.29	-16.21	34.08	40.00	-5.92	QP	100	85
3	125.98	53.76	-13.65	40.11	43.50	-3.39	QP	100	42
4	166.66	50.28	-12.91	37.37	43.50	-6.13	QP	100	42
5	200.23	52.96	-11.71	41.25	43.50	-2.25	QP	100	0
6	251.90	53.77	-11.81	41.96	46.00	-4.04	QP	100	0
7	268.43	47.16	-8.63	38.53	46.00	-7.47	Peak	100	0
8	301.98	48.11	-8.93	39.18	46.00	-6.82	Peak	100	66

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. According to technical experiences,all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz,so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 12	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6.5Mbps



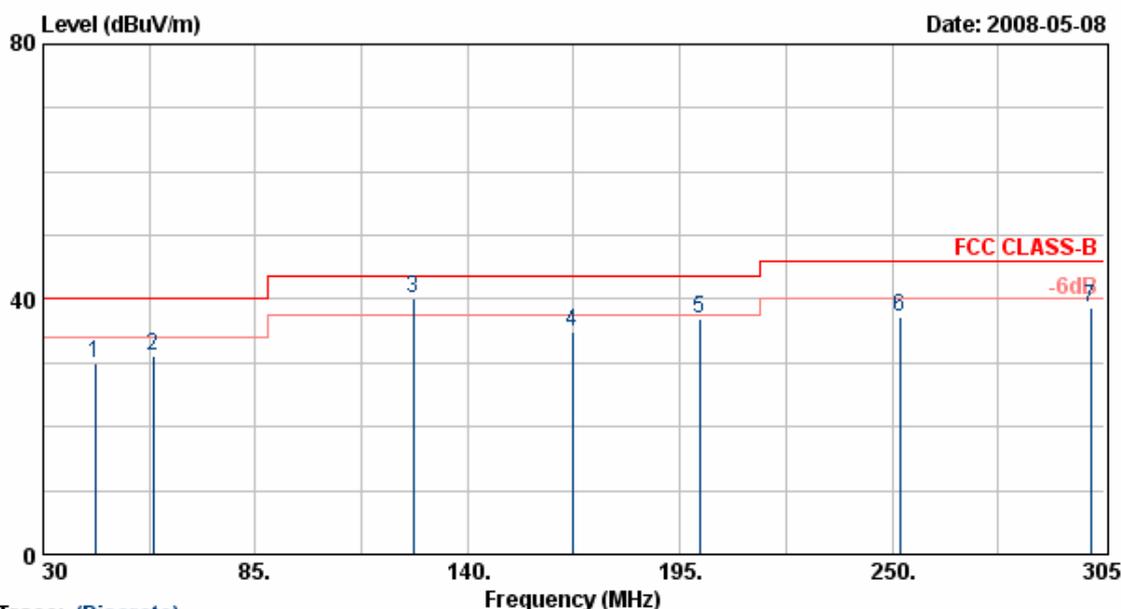
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	332.90	48.97	-10.54	38.43	46.00	-7.57	Peak	100	84
2	400.00	49.68	-8.86	40.82	46.00	-5.18	QP	100	84
3	500.90	45.70	-4.89	40.81	46.00	-5.19	QP	100	111
4	736.80	36.93	2.84	39.77	46.00	-6.23	Peak	100	111
5	803.30	40.84	-2.76	38.08	46.00	-7.92	Peak	100	147
6	938.40	39.70	-0.29	39.41	46.00	-6.59	Peak	100	147
7	999.90	39.88	1.49	41.37	54.00	-12.63	Peak	100	147

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 12	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6.5Mbps



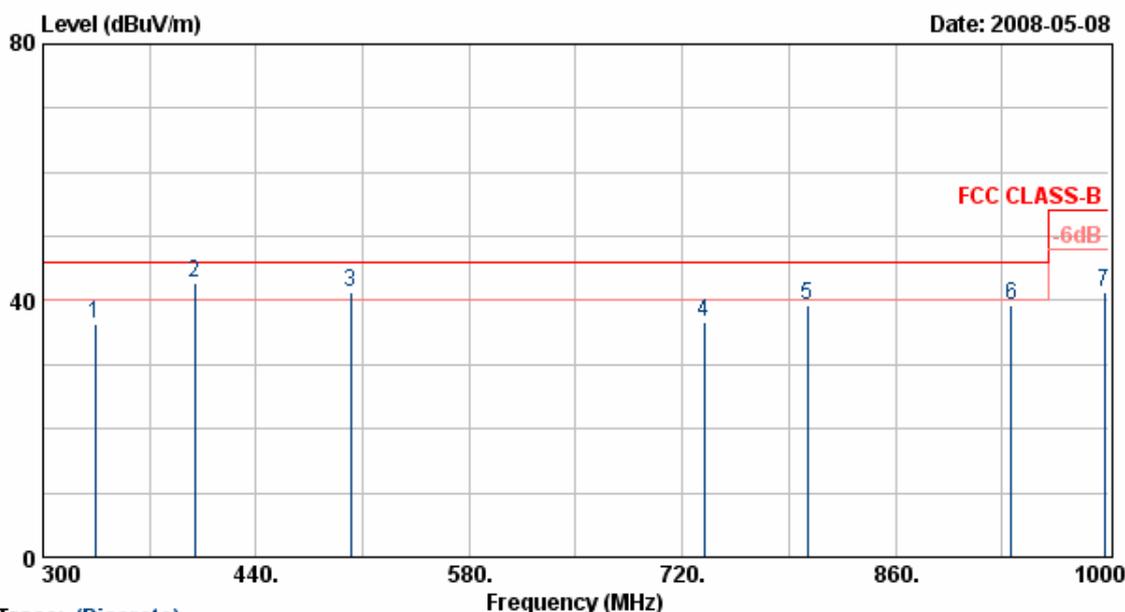
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	43.50	47.86	-17.82	30.04	40.00	-9.96	Peak	200	50
2	58.60	53.49	-22.39	31.10	40.00	-8.90	Peak	200	89
3	125.98	59.75	-19.62	40.13	43.50	-3.37	QP	200	97
4	167.23	53.39	-18.38	35.01	43.50	-8.49	Peak	200	55
5	200.23	51.49	-14.58	36.91	43.50	-6.59	Peak	200	22
6	251.93	54.38	-17.04	37.34	46.00	-8.66	Peak	200	55
7	301.43	52.88	-14.33	38.55	46.00	-7.45	Peak	200	69

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 12	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6.5Mbps



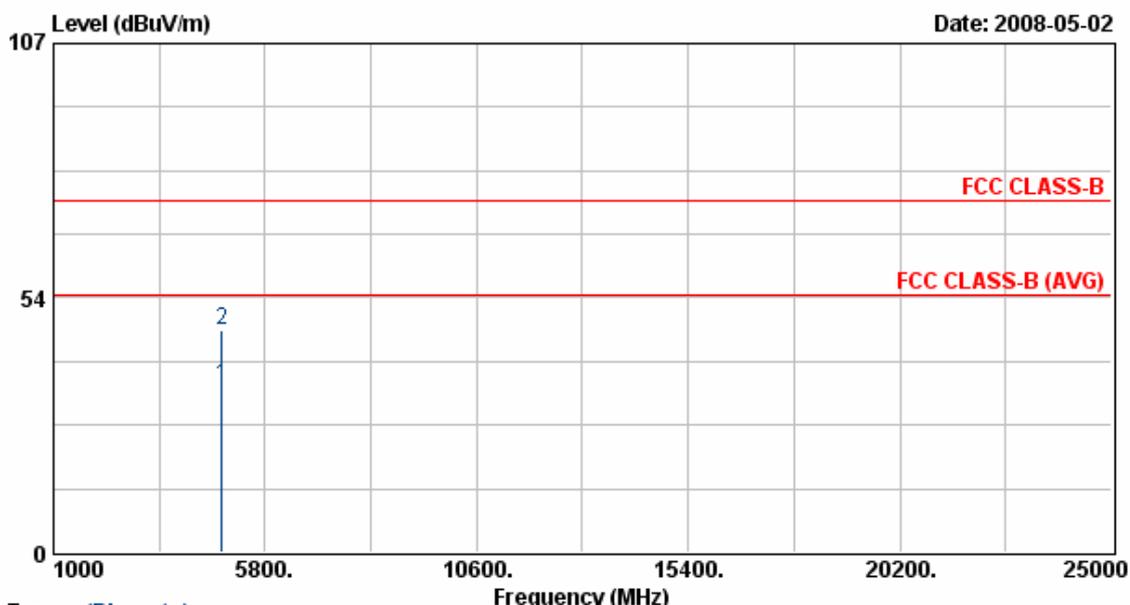
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	48.66	-12.21	36.46	46.00	-9.54	Peak	200	48
2	399.40	53.84	-11.05	42.79	46.00	-3.21	QP	200	71
3	502.30	46.47	-5.03	41.44	46.00	-4.56	QP	200	71
4	734.00	37.84	-1.12	36.72	46.00	-9.28	Peak	200	89
5	801.90	39.77	-0.40	39.37	46.00	-6.63	Peak	200	111
6	936.30	33.57	5.56	39.13	46.00	-6.87	Peak	200	99
7	997.20	36.19	5.24	41.43	54.00	-12.57	Peak	200	99

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 12	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6.5Mbps



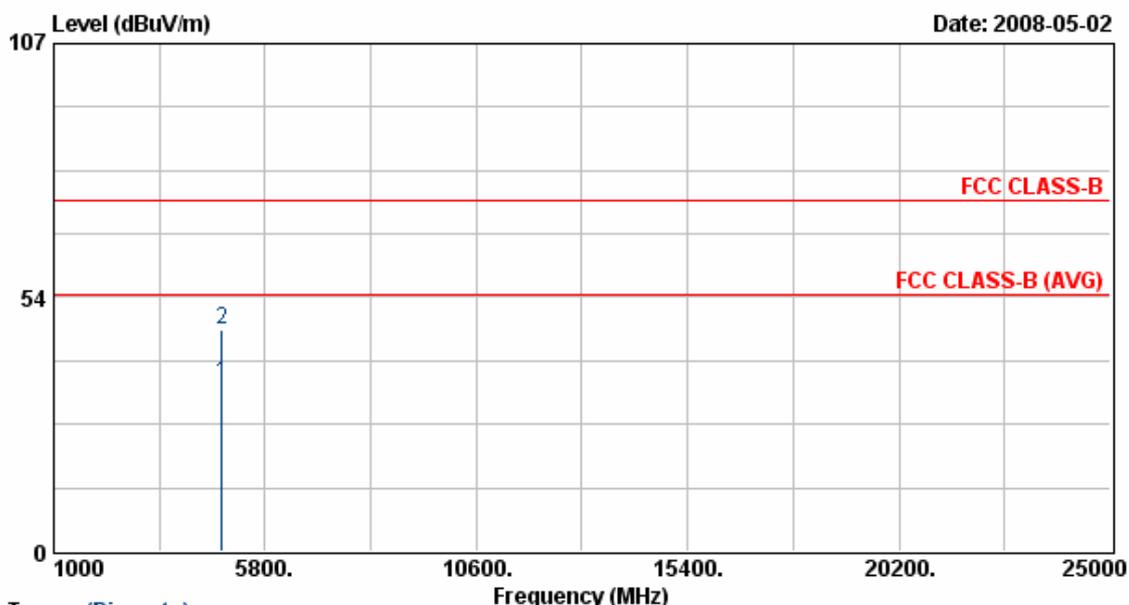
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.90	29.36	5.67	35.03	54.00	-18.97	Average	100	163
2	4823.90	41.18	5.67	46.85	74.00	-27.15	Peak	100	163

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.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 12	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6.5Mbps



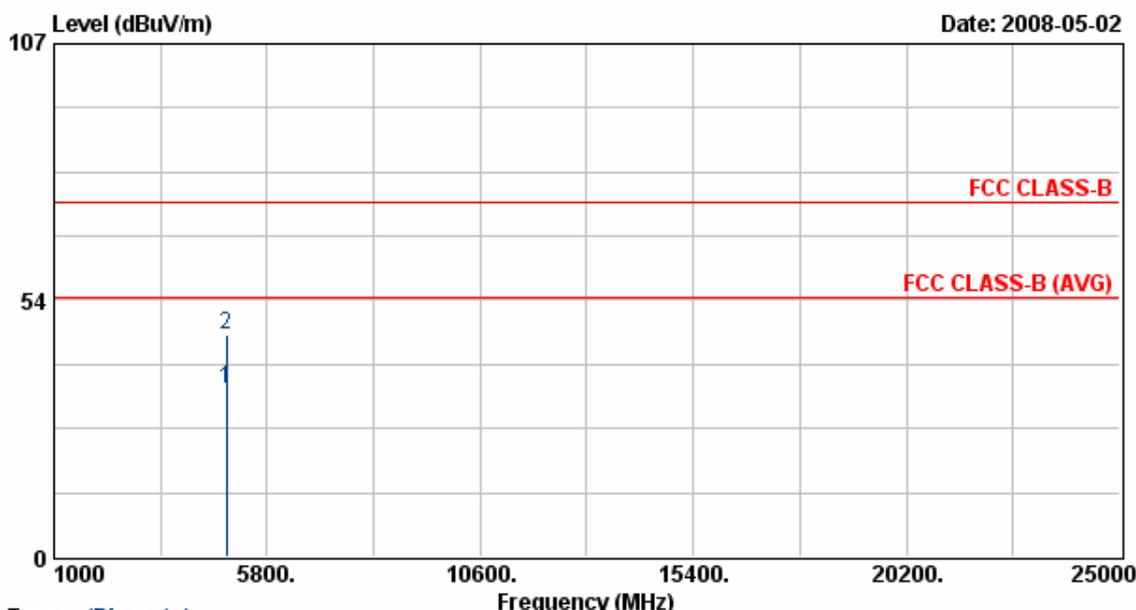
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.08	29.56	5.67	35.23	54.00	-18.77	Average	100	190
2	4824.08	41.16	5.67	46.83	74.00	-27.17	Peak	100	190

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.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 12	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6.5Mbps



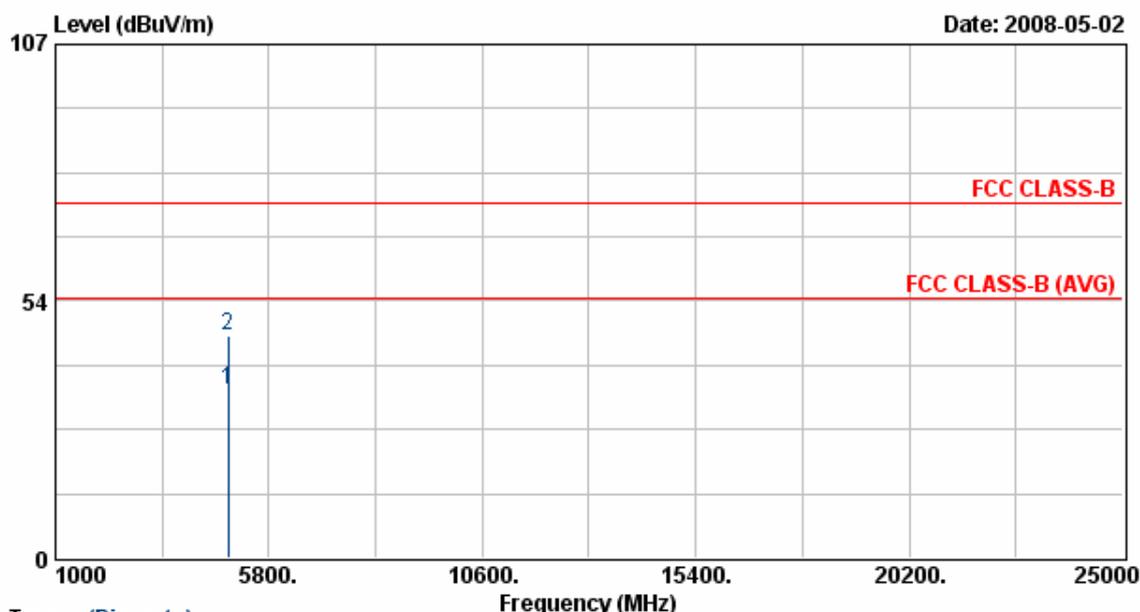
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.88	29.33	5.80	35.13	54.00	-18.87	Average	100	163
2	4873.88	40.52	5.80	46.32	74.00	-27.68	Peak	100	163

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.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 12	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6.5Mbps



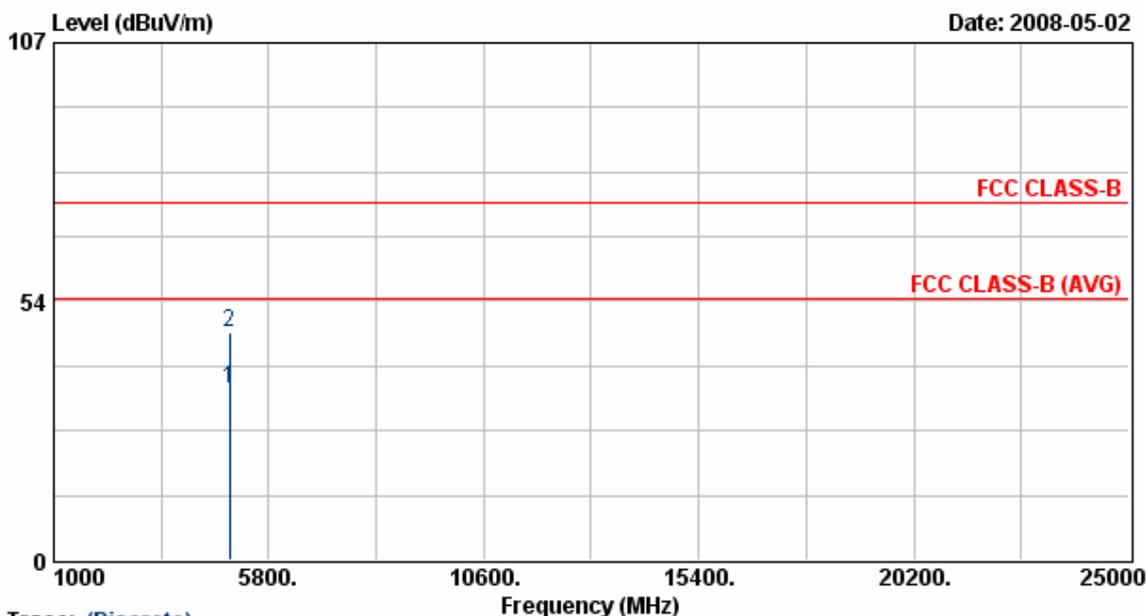
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.83	29.23	5.80	35.03	54.00	-18.97	Average	100	190
2	4873.83	40.34	5.80	46.14	74.00	-27.86	Peak	100	190

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.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 12	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6.5Mbps



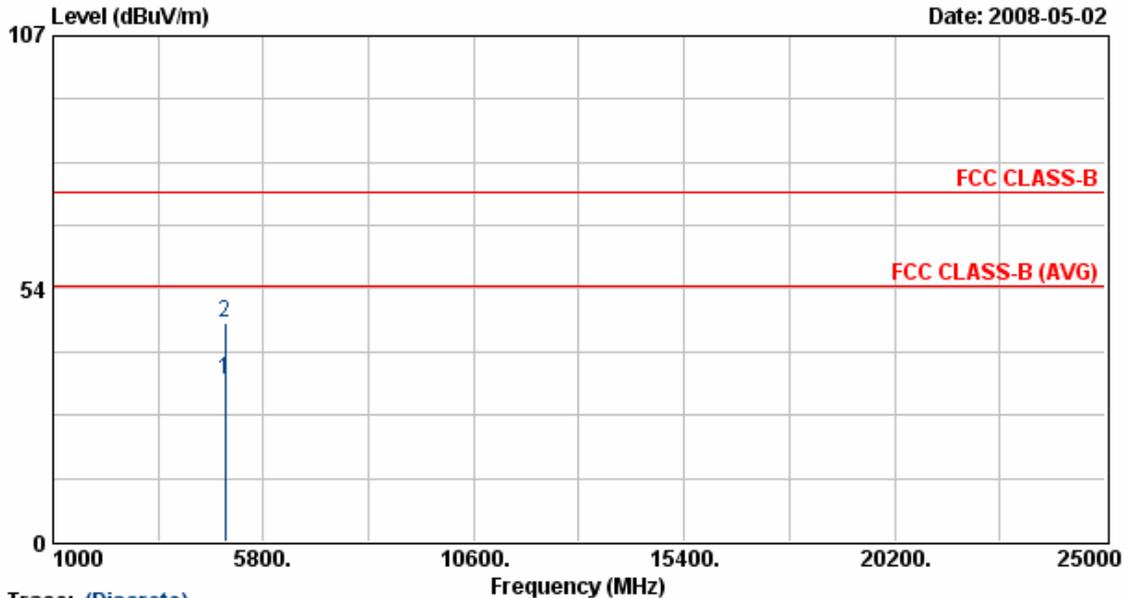
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBUV/m	dB	dBUV/m	dBUV/m	dB		cm	Deg
1	4923.93	29.37	5.93	35.30	54.00	-18.70	Average	100	163
2	4923.93	41.27	5.93	47.20	74.00	-26.80	Peak	100	163

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.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 12	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6.5Mbps



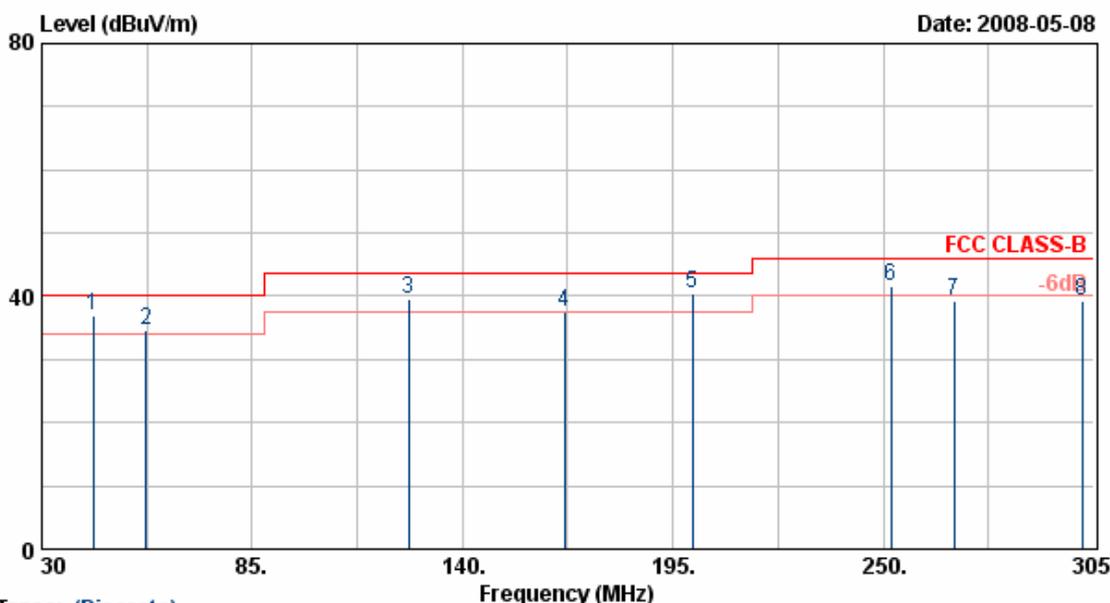
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.00	28.43	5.93	34.37	54.00	-19.63	Average	100	190
2	4924.00	40.37	5.93	46.30	74.00	-27.70	Peak	100	190

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.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 13	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 13.5Mbps

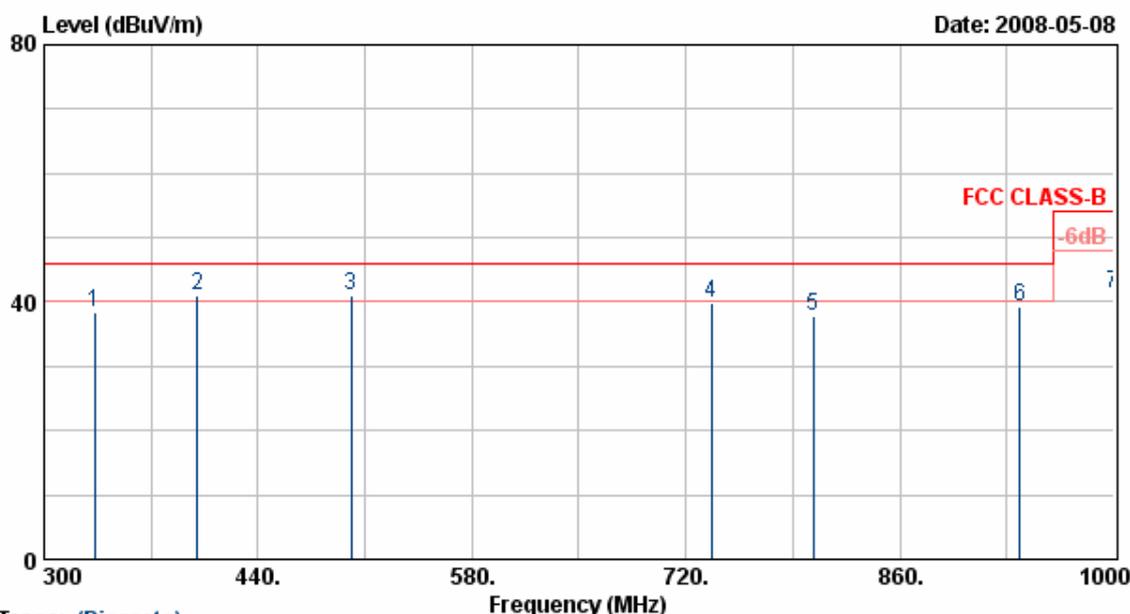


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	43.48	49.82	-13.01	36.81	40.00	-3.19	QP	100	96
2	57.23	50.79	-16.21	34.58	40.00	-5.42	QP	100	85
3	125.98	53.29	-13.65	39.64	43.50	-3.86	QP	100	42
4	166.66	50.36	-12.91	37.45	43.50	-6.05	QP	100	42
5	200.23	52.18	-11.71	40.47	43.50	-3.03	QP	100	0
6	251.90	53.36	-11.81	41.55	46.00	-4.45	QP	100	0
7	268.43	47.99	-8.63	39.36	46.00	-6.64	Peak	100	0
8	301.98	48.27	-8.93	39.34	46.00	-6.66	Peak	100	66

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 13	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 13.5Mbps



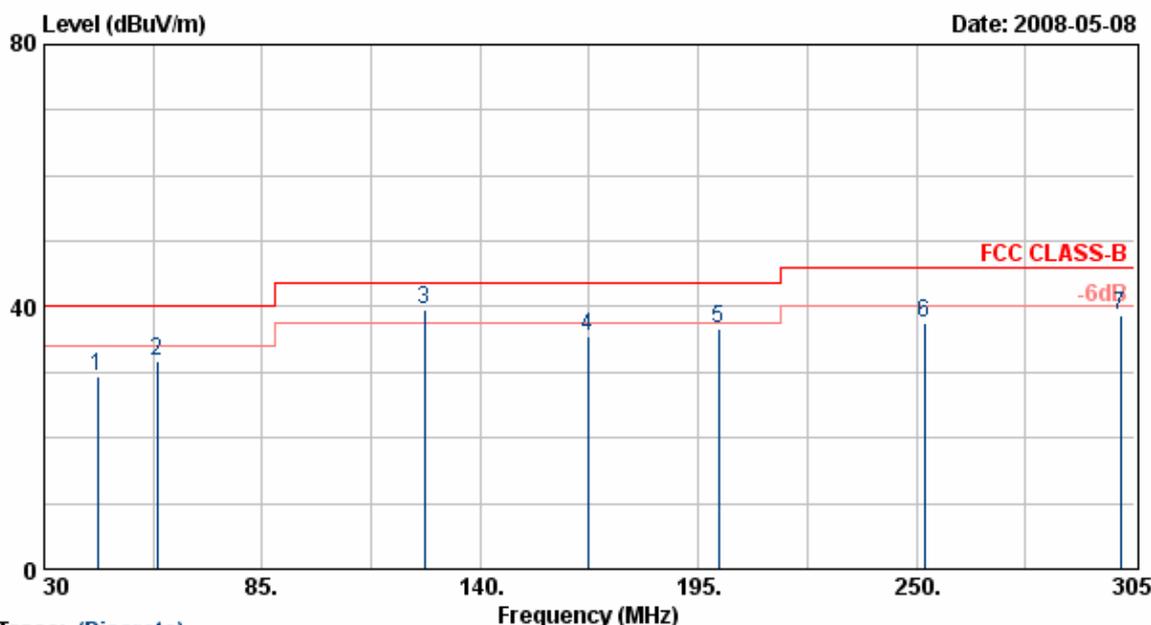
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	332.90	48.97	-10.54	38.43	46.00	-7.57	Peak	100	84
2	400.00	49.79	-8.86	40.93	46.00	-5.07	QP	100	84
3	500.90	45.97	-4.89	41.08	46.00	-4.92	QP	100	111
4	736.80	37.00	2.84	39.83	46.00	-6.17	Peak	100	111
5	803.30	40.47	-2.76	37.71	46.00	-8.29	Peak	100	147
6	938.40	39.48	-0.29	39.19	46.00	-6.81	Peak	100	147
7	999.90	39.88	1.49	41.37	54.00	-12.63	Peak	100	147

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 13	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 13.5Mbps



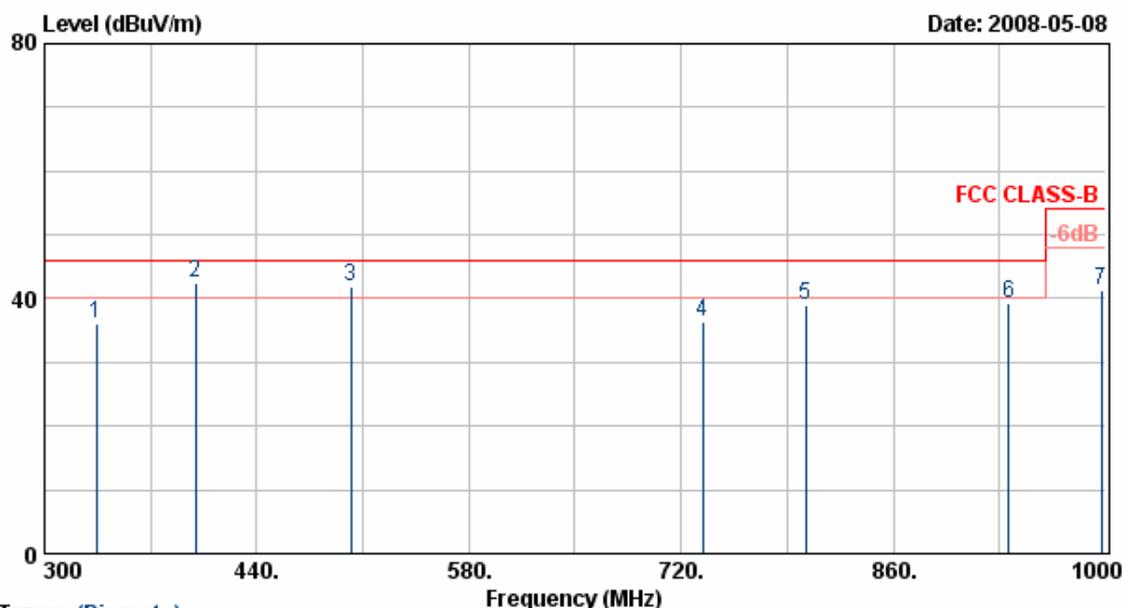
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	43.50	47.22	-17.82	29.40	40.00	-10.60	Peak	200	50
2	58.60	53.98	-22.39	31.59	40.00	-8.41	Peak	200	89
3	125.98	59.18	-19.62	39.56	43.50	-3.94	QP	200	97
4	167.23	53.94	-18.38	35.56	43.50	-7.94	Peak	200	55
5	200.23	51.13	-14.58	36.55	43.50	-6.95	Peak	200	22
6	251.93	54.47	-17.04	37.43	46.00	-8.57	Peak	200	55
7	301.43	52.88	-14.33	38.55	46.00	-7.45	Peak	200	69

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 13	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 13.5Mbps



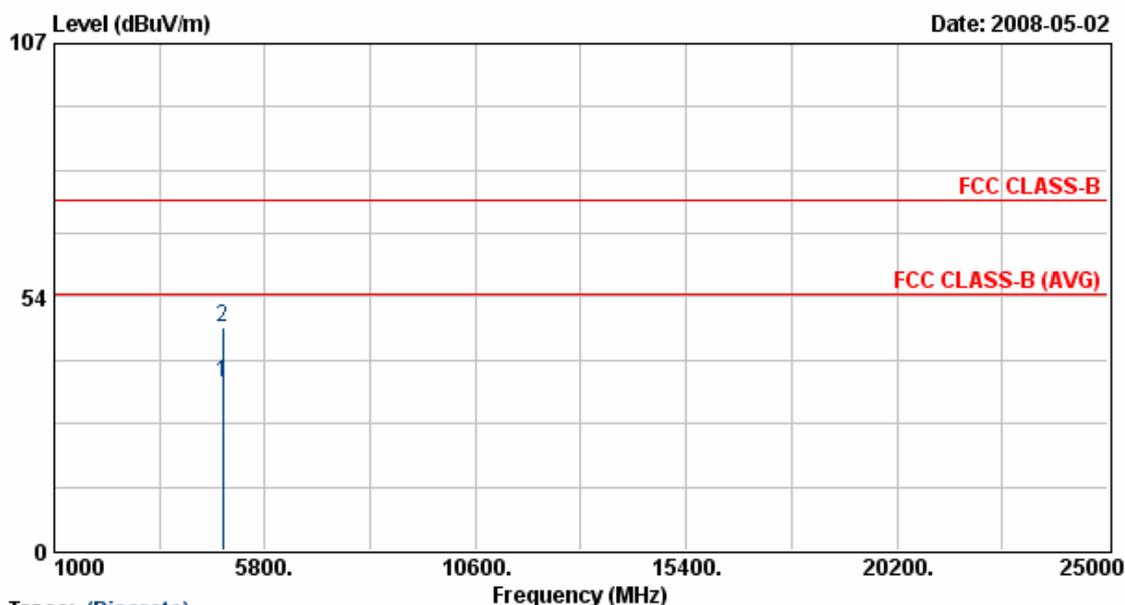
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	48.26	-12.21	36.05	46.00	-9.95	Peak	200	48
2	399.40	53.47	-11.05	42.42	46.00	-3.58	QP	200	71
3	502.30	46.84	-5.03	41.81	46.00	-4.19	QP	200	71
4	734.00	37.52	-1.12	36.40	46.00	-9.60	Peak	200	89
5	801.90	39.47	-0.40	39.07	46.00	-6.93	Peak	200	111
6	936.30	33.80	5.56	39.36	46.00	-6.64	Peak	200	99
7	997.20	36.19	5.24	41.43	54.00	-12.57	Peak	200	99

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 13	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 13.5Mbps



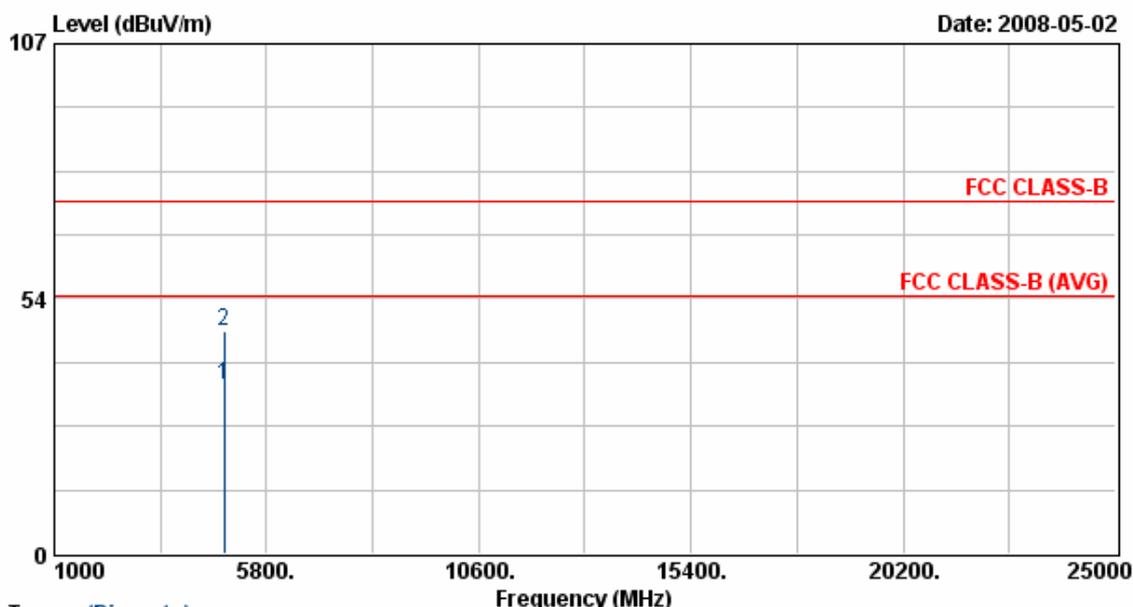
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4844.23	29.67	5.72	35.39	54.00	-18.61	Average	100	163
2	4844.23	41.23	5.72	46.95	74.00	-27.05	Peak	100	163

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.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 13	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 13.5Mbps



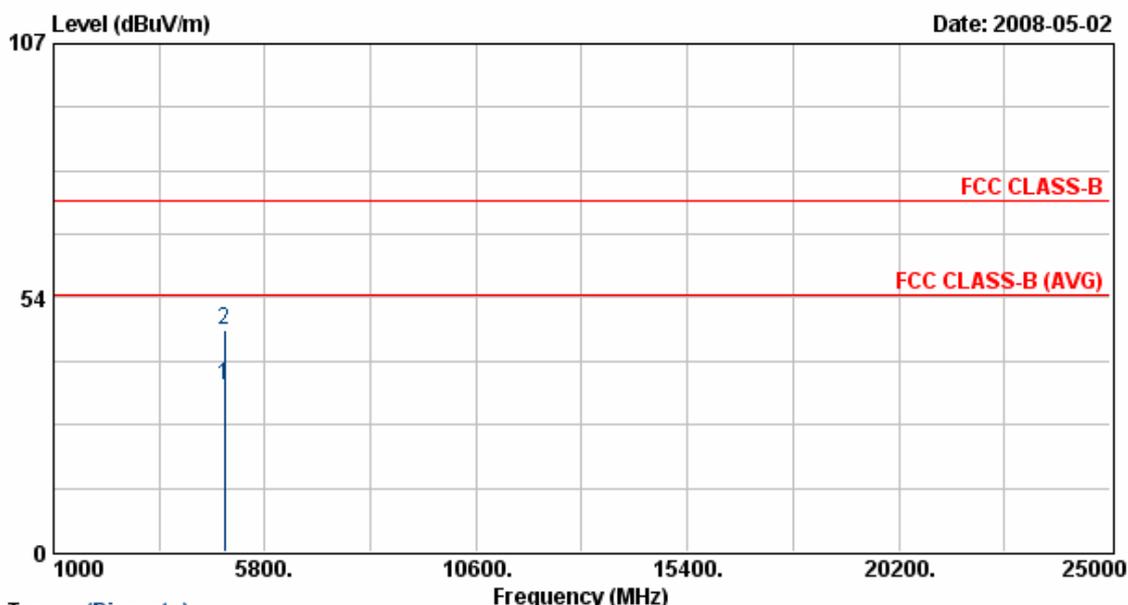
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4844.15	29.56	5.72	35.28	54.00	-18.72	Average	100	190
2	4844.15	41.16	5.72	46.88	74.00	-27.12	Peak	100	190

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.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 13	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 13.5Mbps



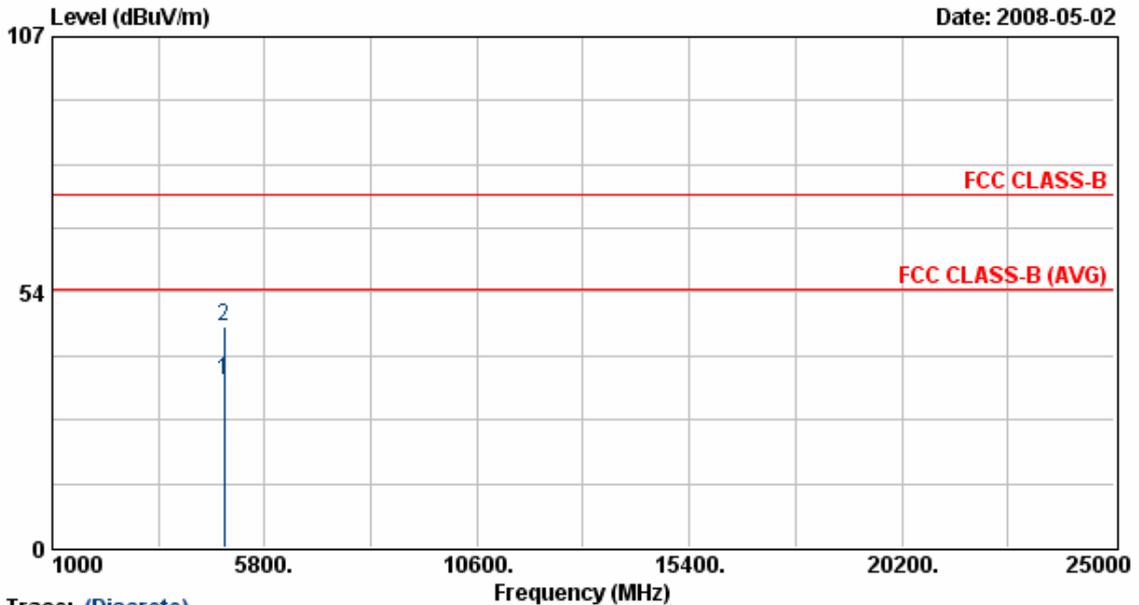
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.98	29.24	5.80	35.04	54.00	-18.96	Average	100	163
2	4873.98	40.84	5.80	46.64	74.00	-27.36	Peak	100	163

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.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 13	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 13.5Mbps



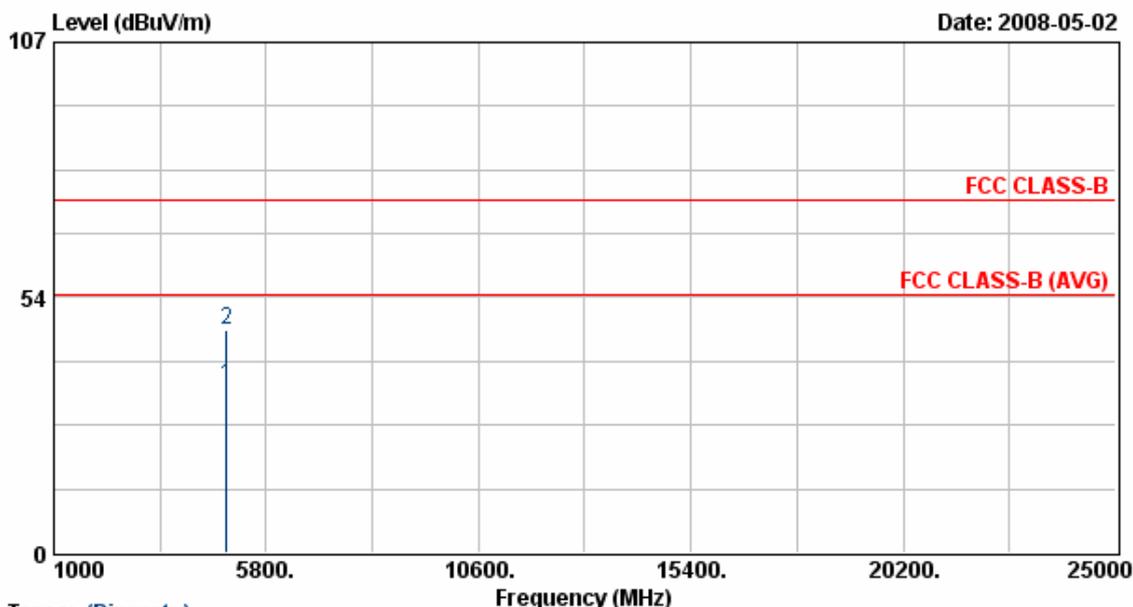
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.03	29.37	5.80	35.17	54.00	-18.83	Average	100	190
2	4874.03	40.60	5.80	46.40	74.00	-27.60	Peak	100	190

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.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 13	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 9	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 13.5Mbps



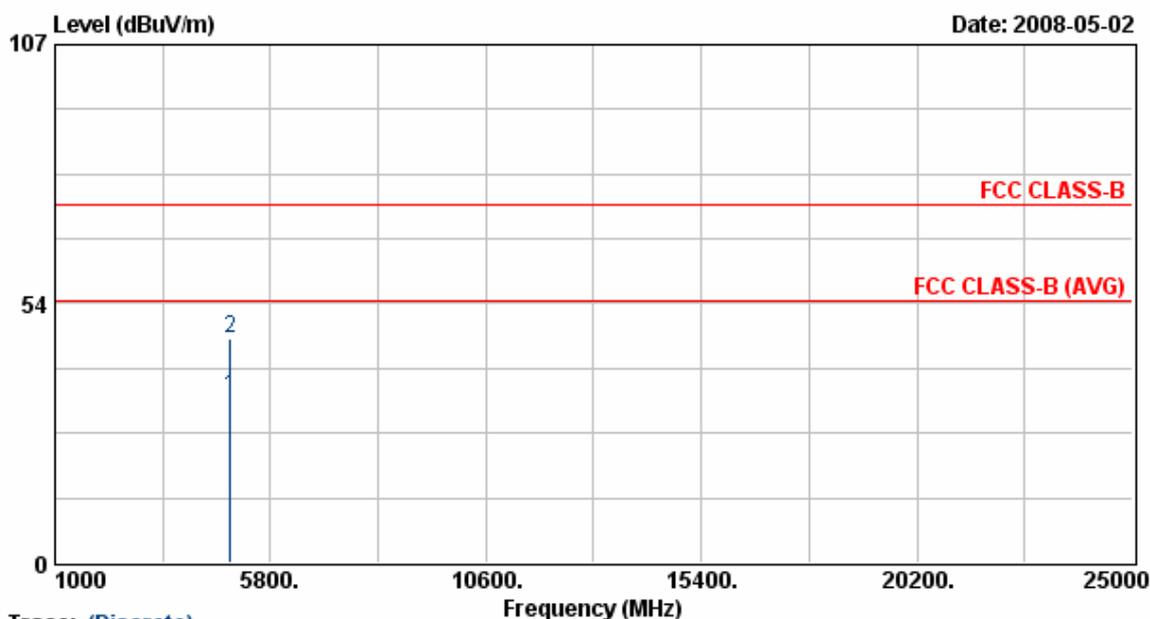
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4903.93	29.27	5.88	35.15	54.00	-18.85	Average	100	163
2	4903.93	40.77	5.88	46.65	74.00	-27.35	Peak	100	163

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.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 13	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 9	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 13.5Mbps



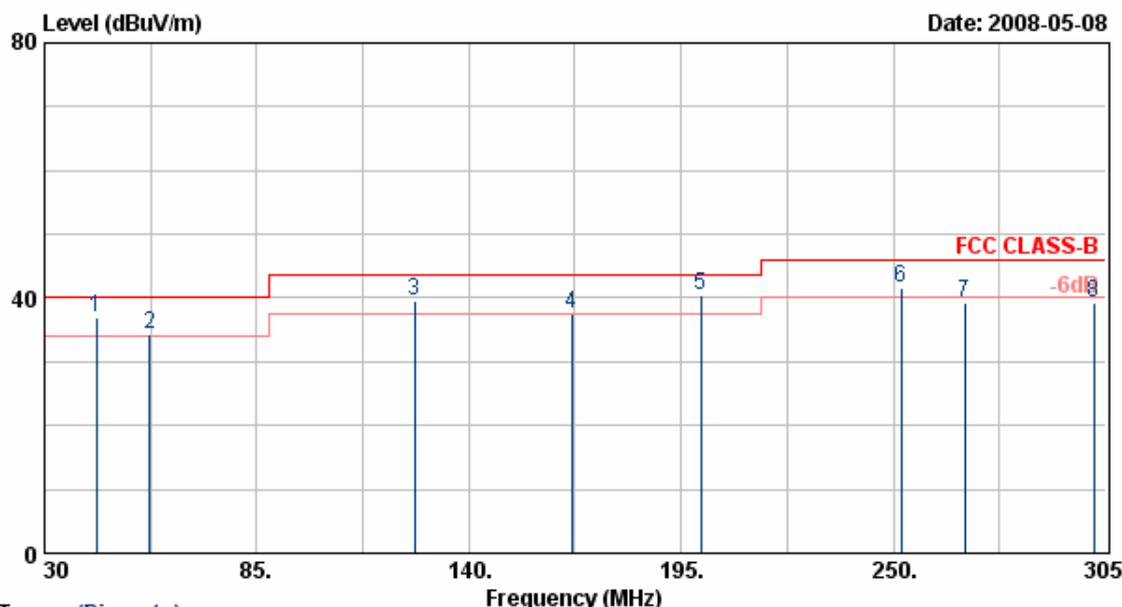
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4904.08	28.26	5.88	34.14	54.00	-19.86	Average	100	190
2	4904.08	40.26	5.88	46.14	74.00	-27.86	Peak	100	190

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.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 14	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6.5Mbps



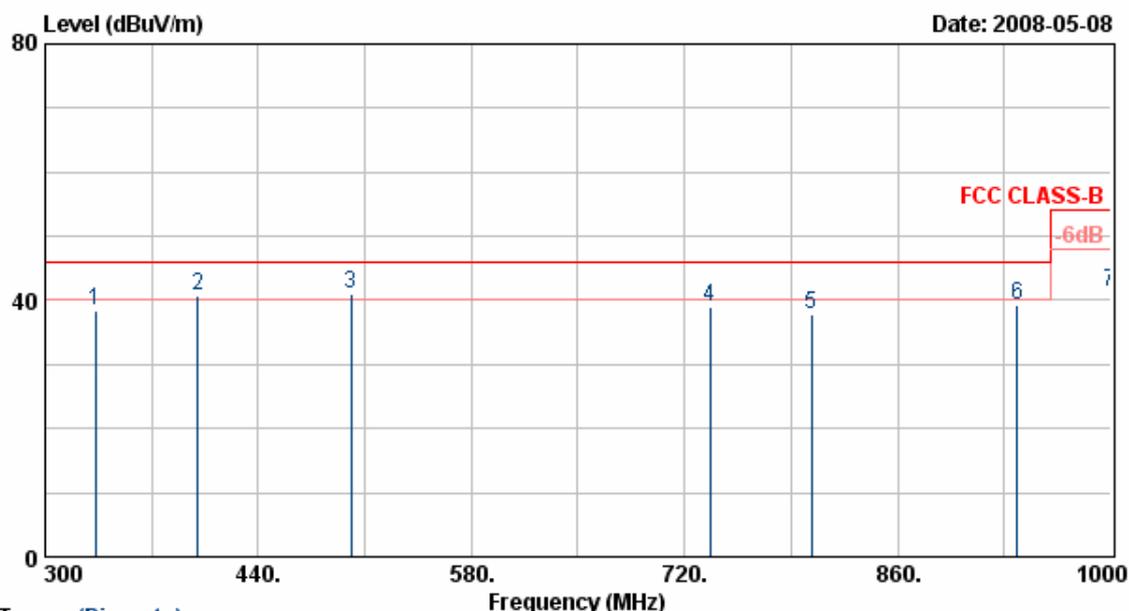
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	43.48	49.82	-13.01	36.81	40.00	-3.19	QP	100	96
2	57.23	50.65	-16.21	34.44	40.00	-5.56	QP	100	85
3	125.98	53.29	-13.65	39.64	43.50	-3.86	QP	100	42
4	166.66	50.56	-12.91	37.65	43.50	-5.85	QP	100	42
5	200.23	52.18	-11.71	40.47	43.50	-3.03	QP	100	0
6	251.90	53.46	-11.81	41.65	46.00	-4.35	QP	100	0
7	268.43	47.99	-8.63	39.36	46.00	-6.64	Peak	100	0
8	301.98	48.16	-8.93	39.23	46.00	-6.77	Peak	100	66

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 14	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6.5Mbps



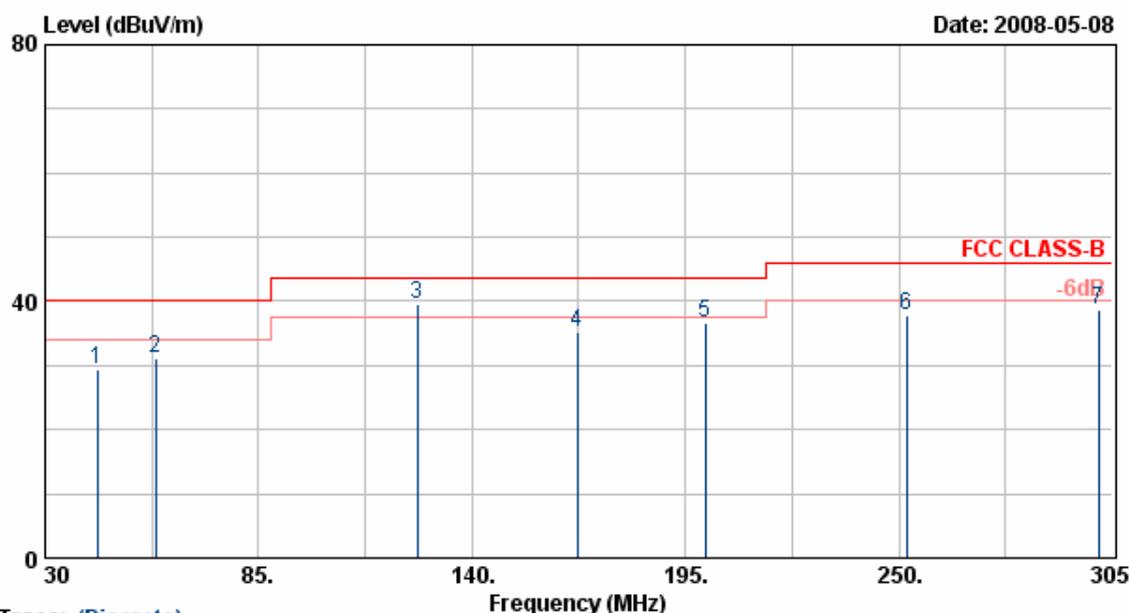
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	332.90	48.97	-10.54	38.43	46.00	-7.57	Peak	100	84
2	400.00	49.64	-8.86	40.78	46.00	-5.22	QP	100	84
3	500.90	45.97	-4.89	41.08	46.00	-4.92	QP	100	111
4	736.80	36.29	2.84	39.13	46.00	-6.87	Peak	100	111
5	803.30	40.47	-2.76	37.71	46.00	-8.29	Peak	100	147
6	938.40	39.56	-0.29	39.27	46.00	-6.73	Peak	100	147
7	999.90	39.88	1.49	41.37	54.00	-12.63	Peak	100	147

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 14	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6.5Mbps



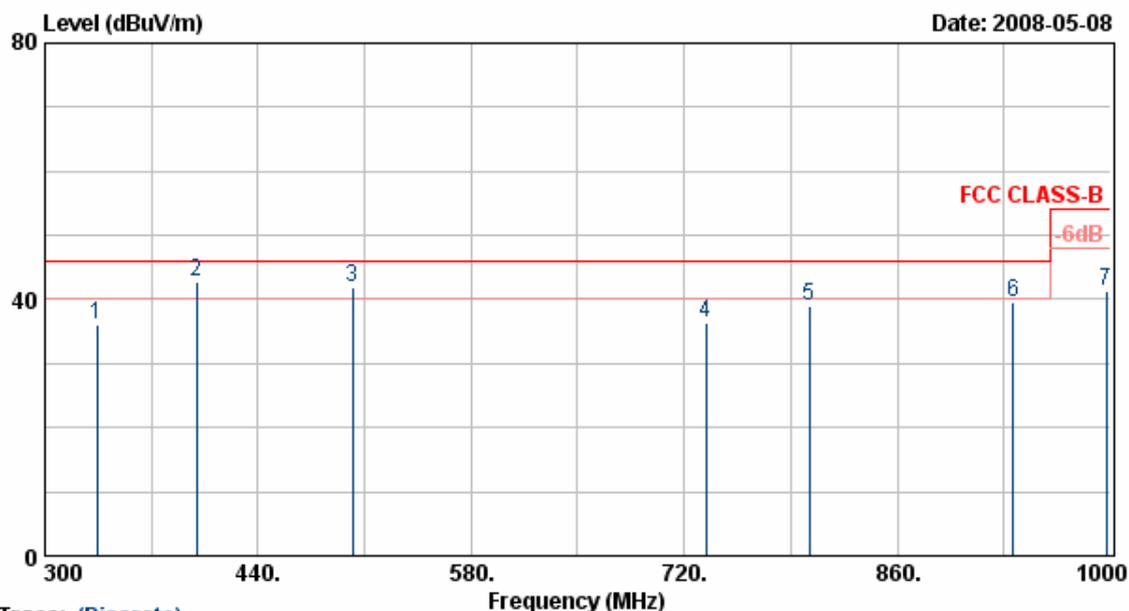
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	43.50	47.22	-17.82	29.40	40.00	-10.60	Peak	200	50
2	58.60	53.65	-22.39	31.26	40.00	-8.74	Peak	200	89
3	125.98	59.18	-19.62	39.56	43.50	-3.94	QP	200	97
4	167.23	53.62	-18.38	35.24	43.50	-8.26	Peak	200	55
5	200.23	51.13	-14.58	36.55	43.50	-6.95	Peak	200	22
6	251.93	54.79	-17.04	37.75	46.00	-8.25	Peak	200	55
7	301.43	52.88	-14.33	38.55	46.00	-7.45	Peak	200	69

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 14	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6.5Mbps



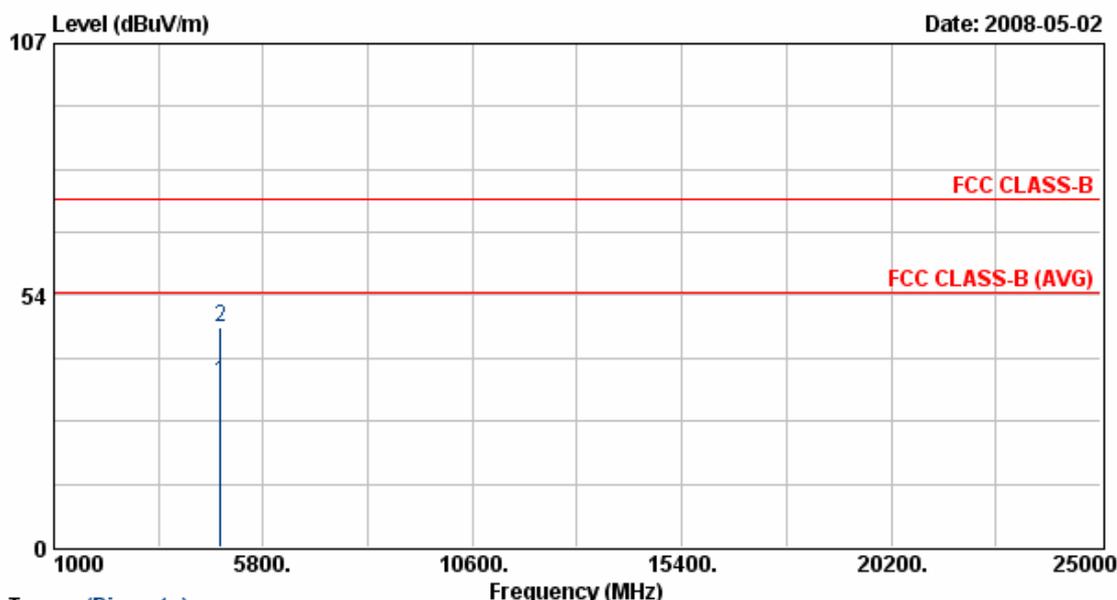
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	48.26	-12.21	36.05	46.00	-9.95	Peak	200	48
2	399.40	53.76	-11.05	42.71	46.00	-3.29	QP	200	71
3	502.30	46.84	-5.03	41.81	46.00	-4.19	QP	200	71
4	734.00	37.46	-1.12	36.34	46.00	-9.66	Peak	200	89
5	801.90	39.47	-0.40	39.07	46.00	-6.93	Peak	200	111
6	936.30	33.98	5.56	39.54	46.00	-6.46	Peak	200	99
7	997.20	36.19	5.24	41.43	54.00	-12.57	Peak	200	99

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 14	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6.5Mbps



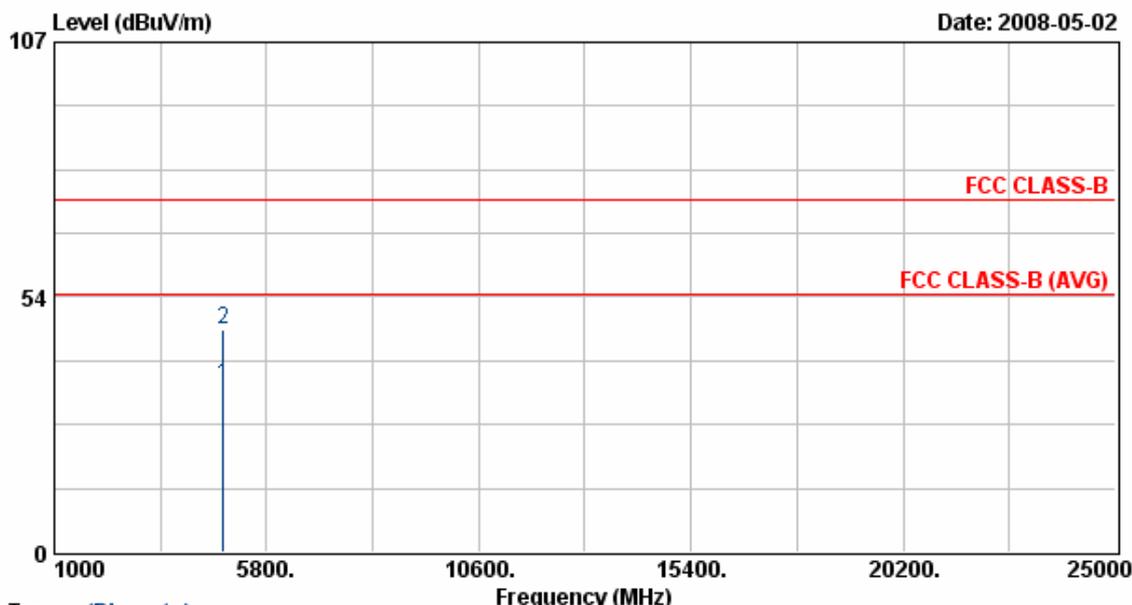
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.90	29.32	5.67	34.99	54.00	-19.01	Average	100	163
2	4823.90	41.17	5.67	46.84	74.00	-27.16	Peak	100	163

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.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 14	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 1	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6.5Mbps



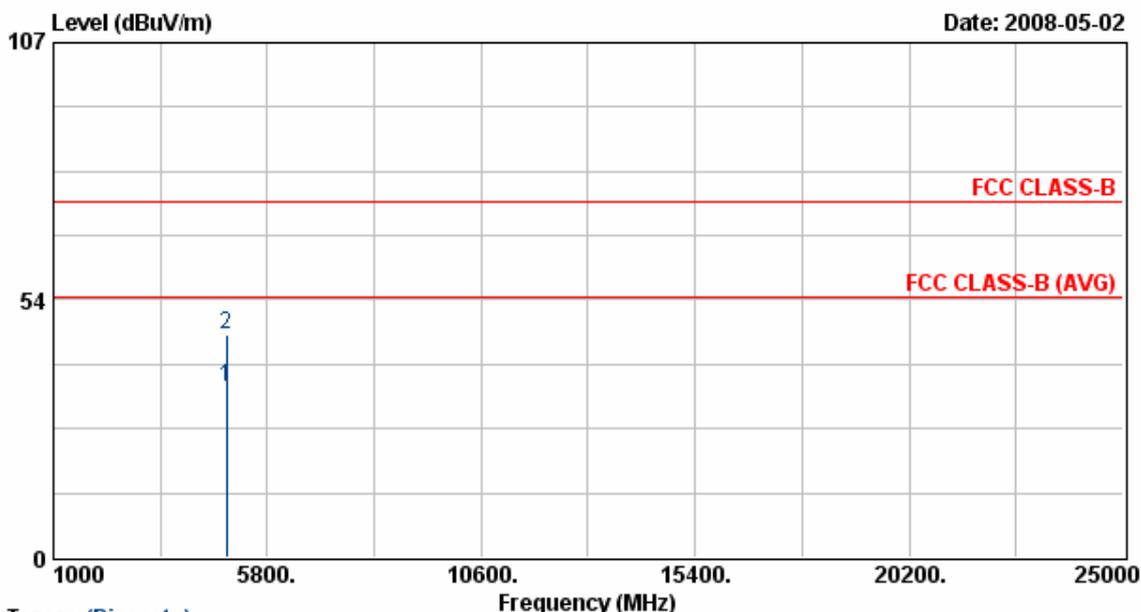
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.08	29.36	5.67	35.03	54.00	-18.97	Average	100	190
2	4824.08	41.16	5.67	46.83	74.00	-27.17	Peak	100	190

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.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 14	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6.5Mbps



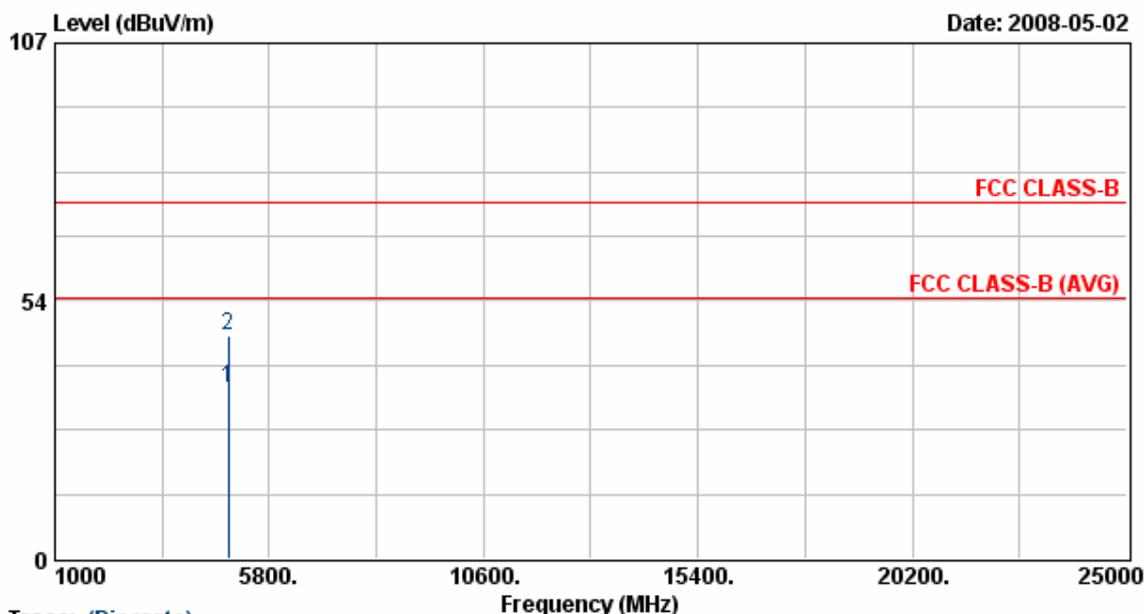
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBUV/m	dB	dBUV/m	dBUV/m	dB		cm	Deg
1	4873.88	29.43	5.80	35.23	54.00	-18.77	Average	100	163
2	4873.88	40.52	5.80	46.32	74.00	-27.68	Peak	100	163

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.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 14	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6.5Mbps



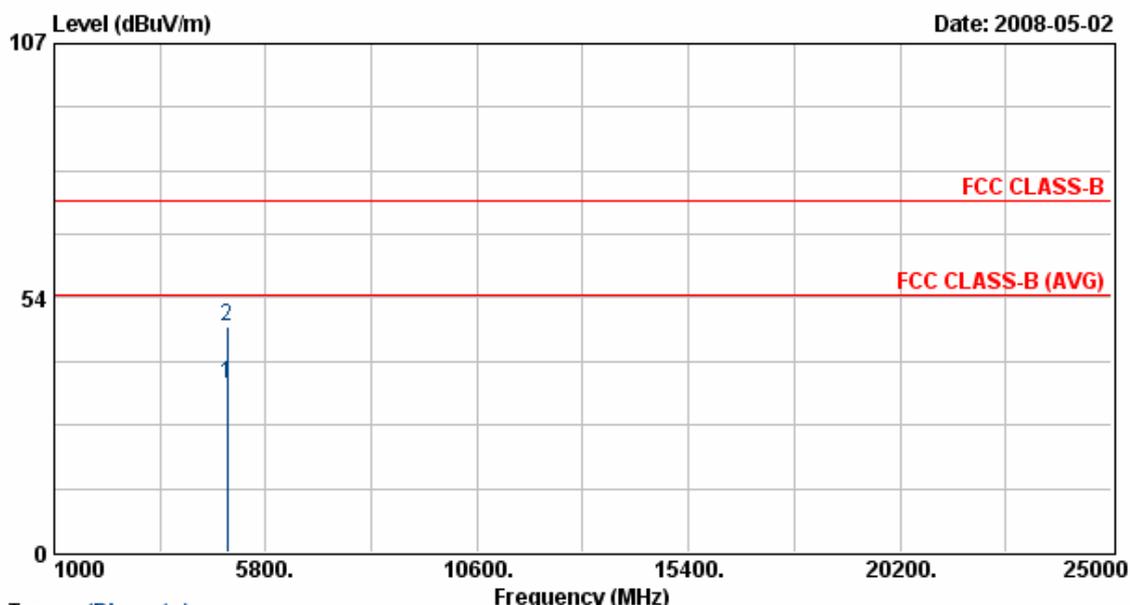
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.83	29.56	5.80	35.36	54.00	-18.64	Average	100	190
2	4873.83	40.34	5.80	46.14	74.00	-27.86	Peak	100	190

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.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 14	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6.5Mbps



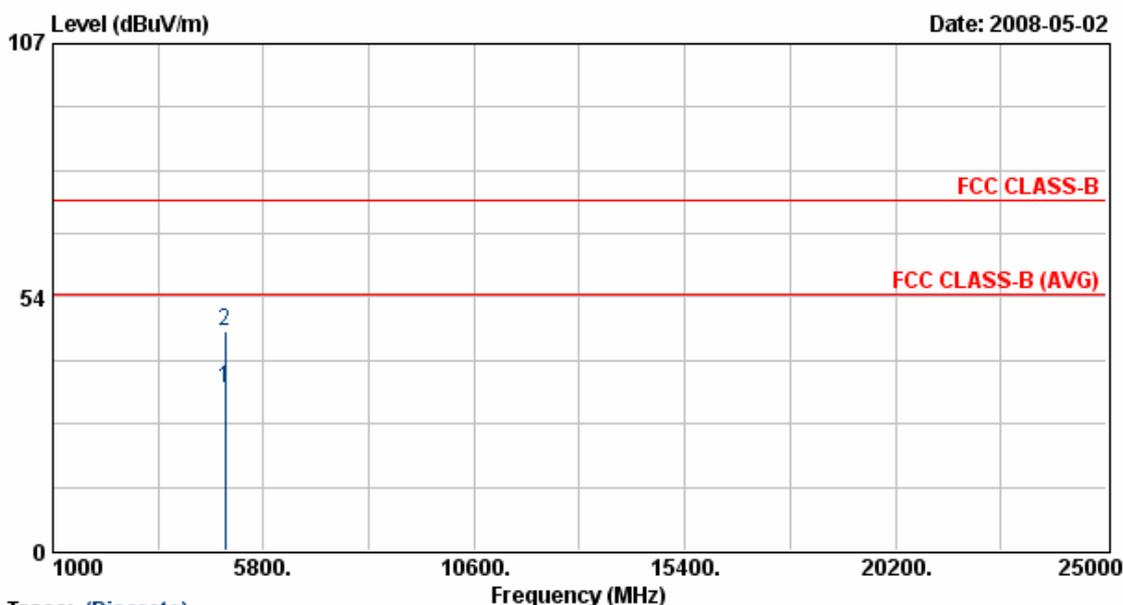
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.93	29.66	5.93	35.59	54.00	-18.41	Average	100	163
2	4923.93	41.56	5.93	47.49	74.00	-26.51	Peak	100	163

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.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 14	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 11	Humidity	: 65 %
Modulation Type	: 802.11gn, HT20	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 6.5Mbps



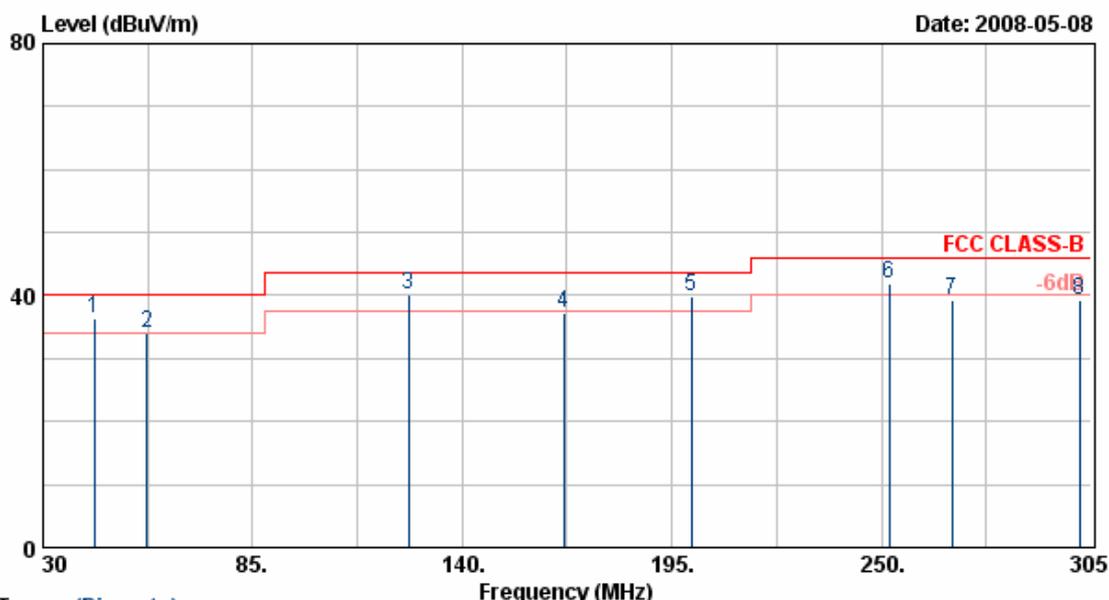
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.00	28.44	5.93	34.37	54.00	-19.63	Average	100	190
2	4924.00	40.37	5.93	46.30	74.00	-27.70	Peak	100	190

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.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 15	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 13.5Mbps



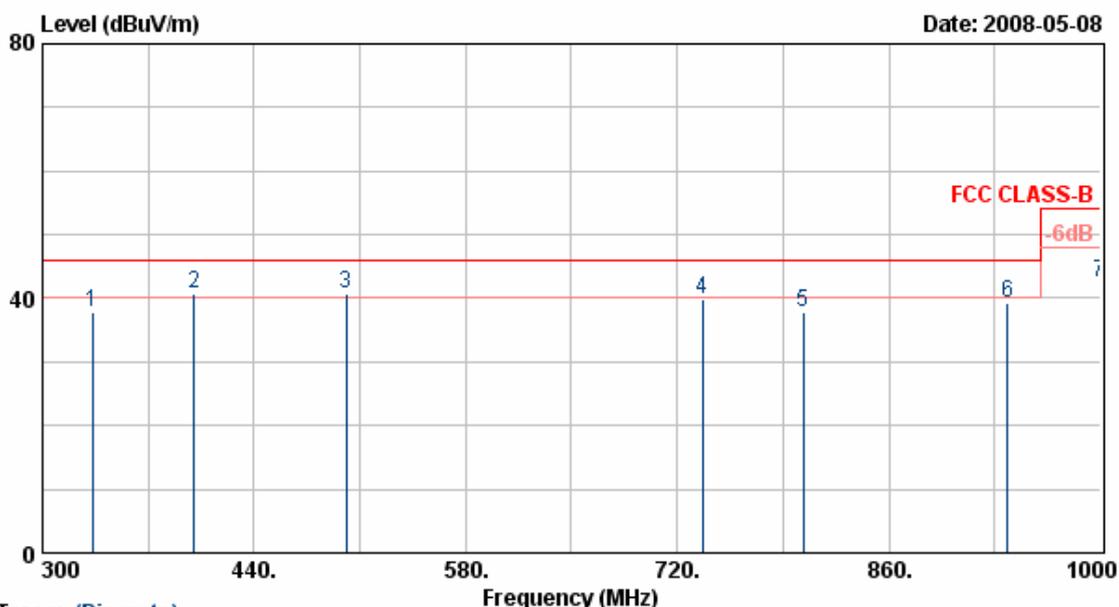
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	43.48	49.49	-13.01	36.47	40.00	-3.53	QP	100	96
2	57.23	50.29	-16.21	34.08	40.00	-5.92	QP	100	85
3	125.98	53.77	-13.65	40.12	43.50	-3.38	QP	100	42
4	166.66	50.28	-12.91	37.37	43.50	-6.13	QP	100	42
5	200.23	51.53	-11.71	39.82	43.50	-3.68	QP	100	0
6	251.90	53.77	-11.81	41.96	46.00	-4.04	QP	100	0
7	268.43	47.90	-8.63	39.27	46.00	-6.73	Peak	100	0
8	301.98	48.11	-8.93	39.18	46.00	-6.82	Peak	100	66

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 15	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 13.5Mbps



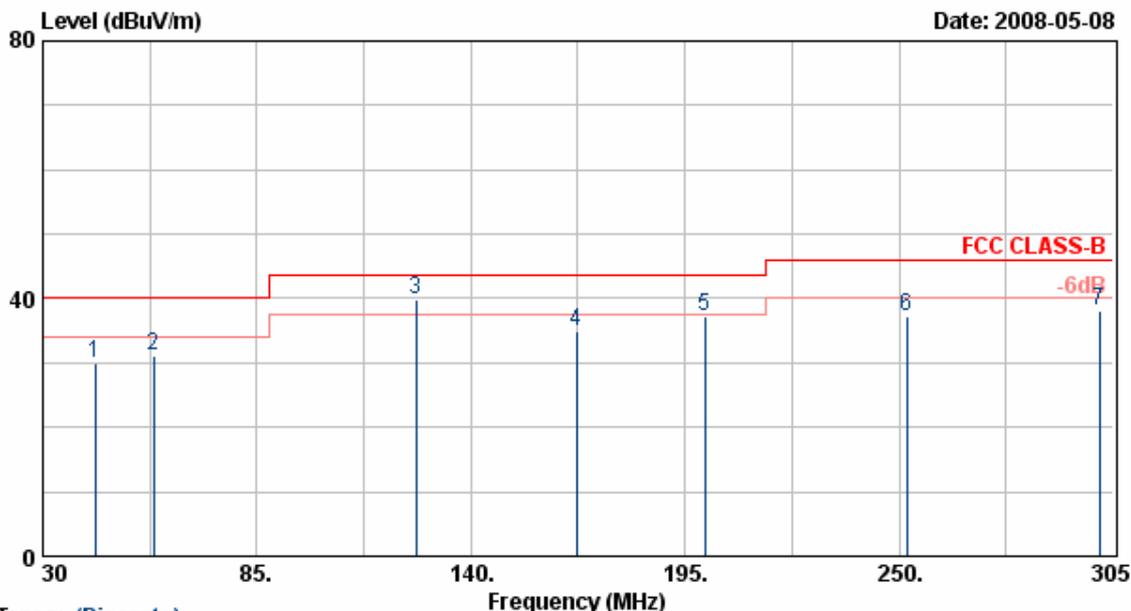
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	332.90	48.48	-10.54	37.94	46.00	-8.06	Peak	100	84
2	400.00	49.68	-8.86	40.82	46.00	-5.18	QP	100	84
3	500.90	45.59	-4.89	40.70	46.00	-5.30	QP	100	111
4	736.80	36.93	2.84	39.77	46.00	-6.23	Peak	100	111
5	803.30	40.66	-2.76	37.90	46.00	-8.10	Peak	100	147
6	938.40	39.70	-0.29	39.41	46.00	-6.59	Peak	100	147
7	999.90	40.88	1.49	42.37	54.00	-11.63	Peak	100	147

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 15	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 13.5Mbps



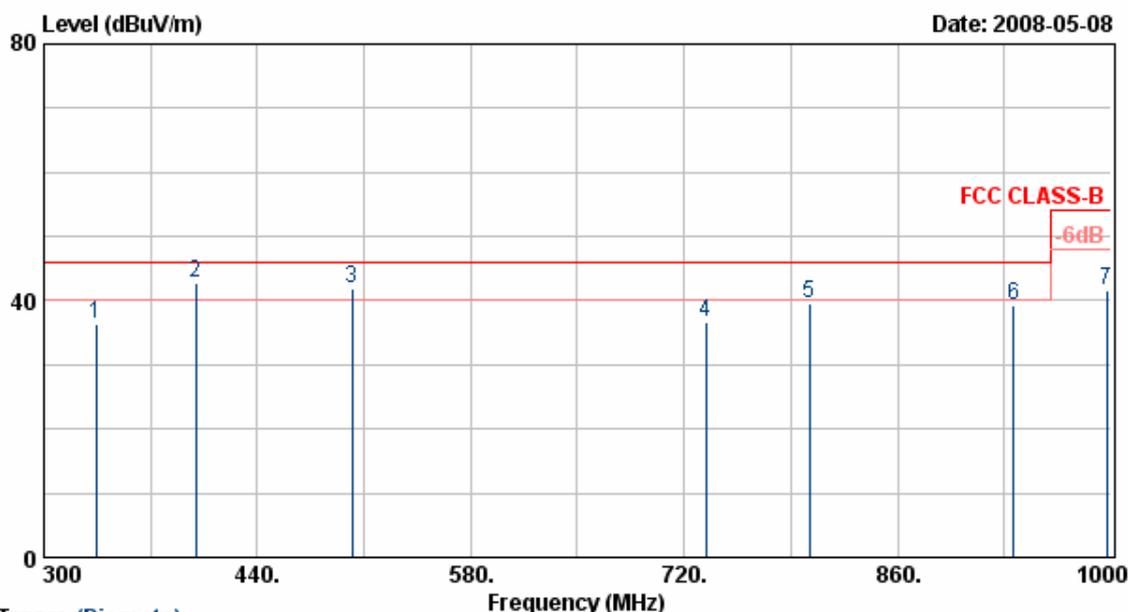
Trace: (Discrete)

Item	Freq MHz	Read Value dBuV/m	Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark	Ant Pos cm	Tab Pos Deg
1	43.50	47.80	-17.82	29.97	40.00	-10.03	Peak	200	50
2	58.60	53.49	-22.39	31.10	40.00	-8.90	Peak	200	89
3	125.98	59.47	-19.62	39.85	43.50	-3.65	QP	200	97
4	167.23	53.39	-18.38	35.01	43.50	-8.49	Peak	200	55
5	200.23	51.68	-14.58	37.10	43.50	-6.40	Peak	200	22
6	251.93	54.38	-17.04	37.34	46.00	-8.66	Peak	200	55
7	301.43	52.47	-14.33	38.14	46.00	-7.86	Peak	200	69

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 15	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 13.5Mbps



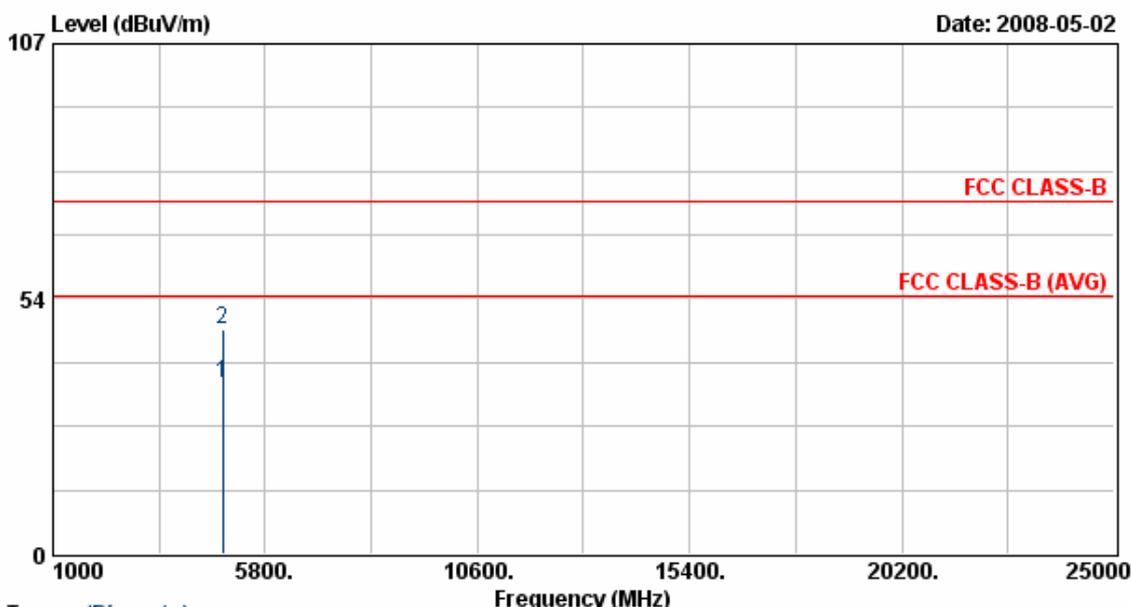
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	334.30	48.47	-12.21	36.26	46.00	-9.74	Peak	200	48
2	399.40	53.84	-11.05	42.79	46.00	-3.21	QP	200	71
3	502.30	46.80	-5.03	41.77	46.00	-4.23	QP	200	71
4	734.00	37.84	-1.12	36.72	46.00	-9.28	Peak	200	89
5	801.90	39.86	-0.40	39.46	46.00	-6.54	Peak	200	111
6	936.30	33.57	5.56	39.13	46.00	-6.87	Peak	200	99
7	997.20	36.46	5.24	41.70	54.00	-12.30	Peak	200	99

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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 15	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 13.5Mbps



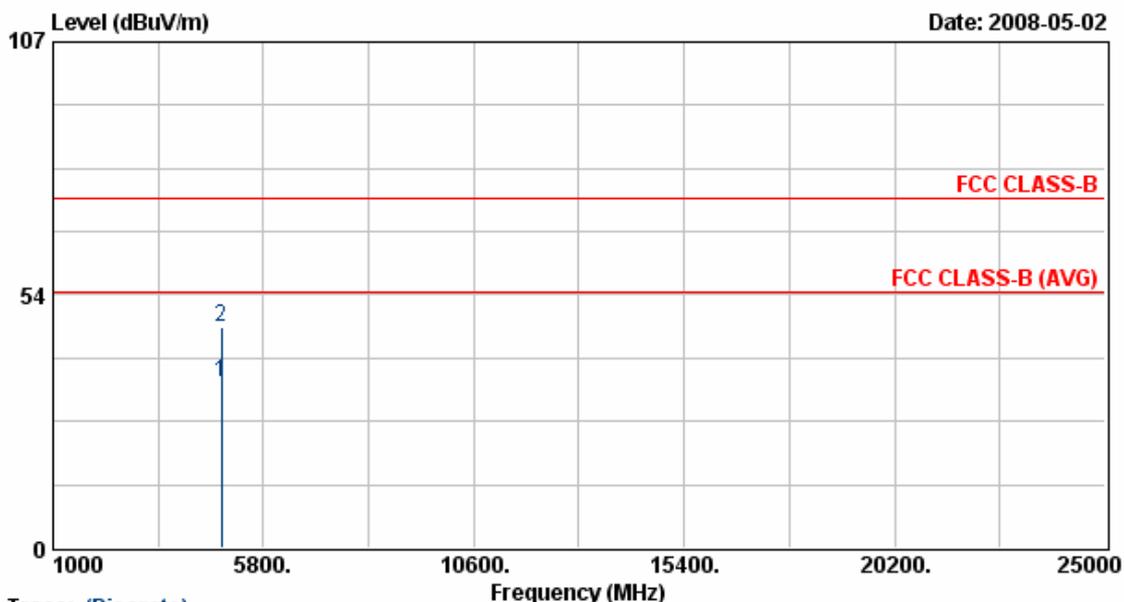
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4844.23	29.89	5.72	35.61	54.00	-18.39	Average	100	163
2	4844.23	41.33	5.72	47.05	74.00	-26.95	Peak	100	163

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.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 15	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 3	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 13.5Mbps



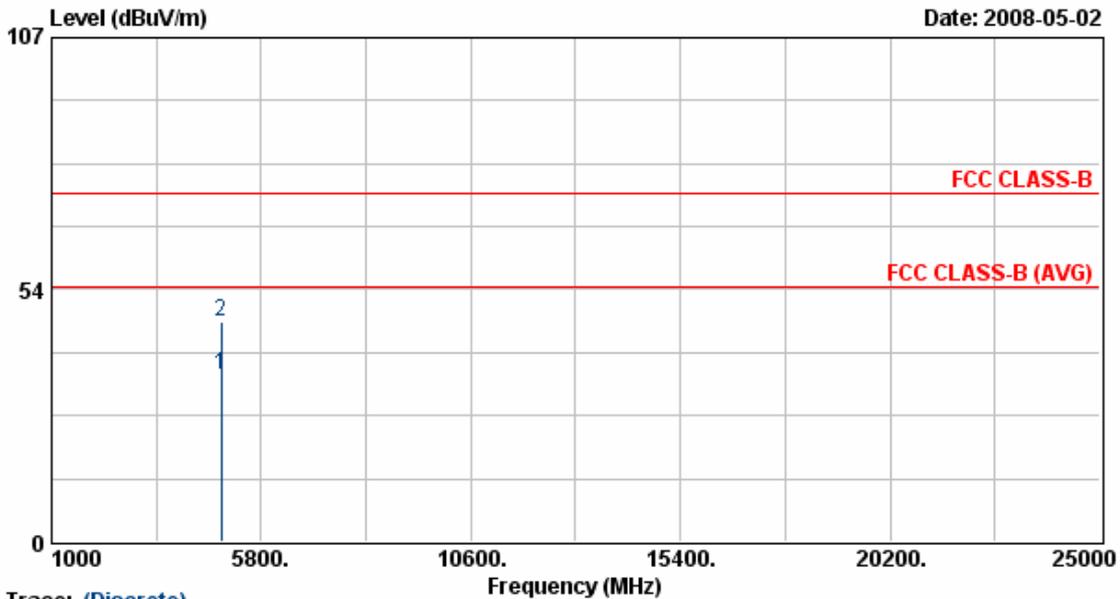
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4844.15	29.37	5.72	35.09	54.00	-18.91	Average	100	190
2	4844.15	41.16	5.72	46.88	74.00	-27.12	Peak	100	190

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.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 15	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 13.5Mbps



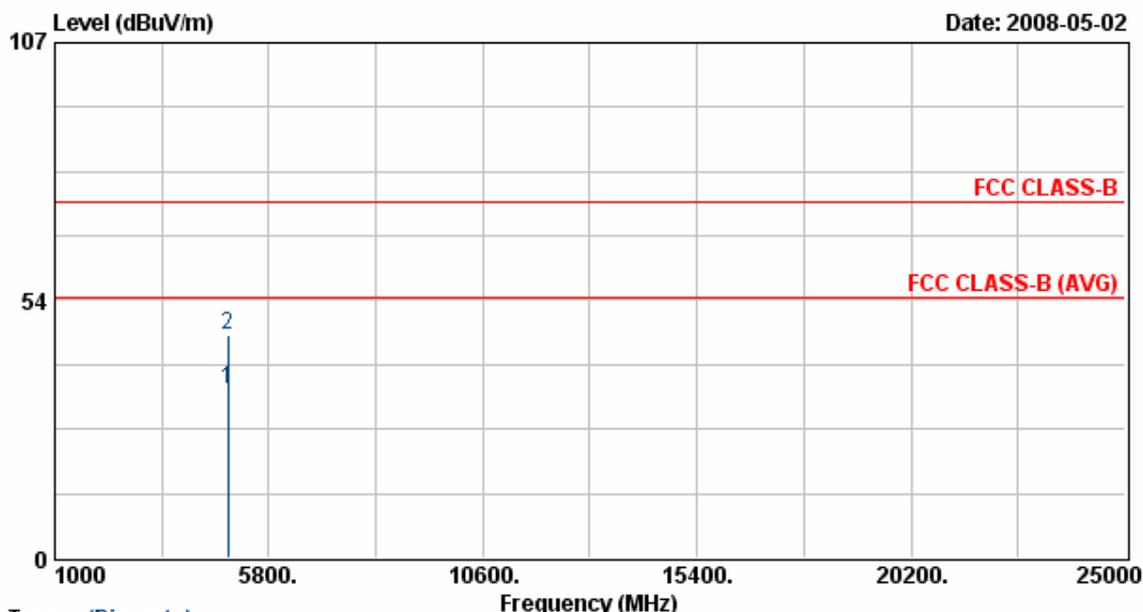
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.98	29.55	5.80	35.36	54.00	-18.64	Average	100	163
2	4873.98	40.84	5.80	46.64	74.00	-27.36	Peak	100	163

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.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 15	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 6	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 13.5Mbps



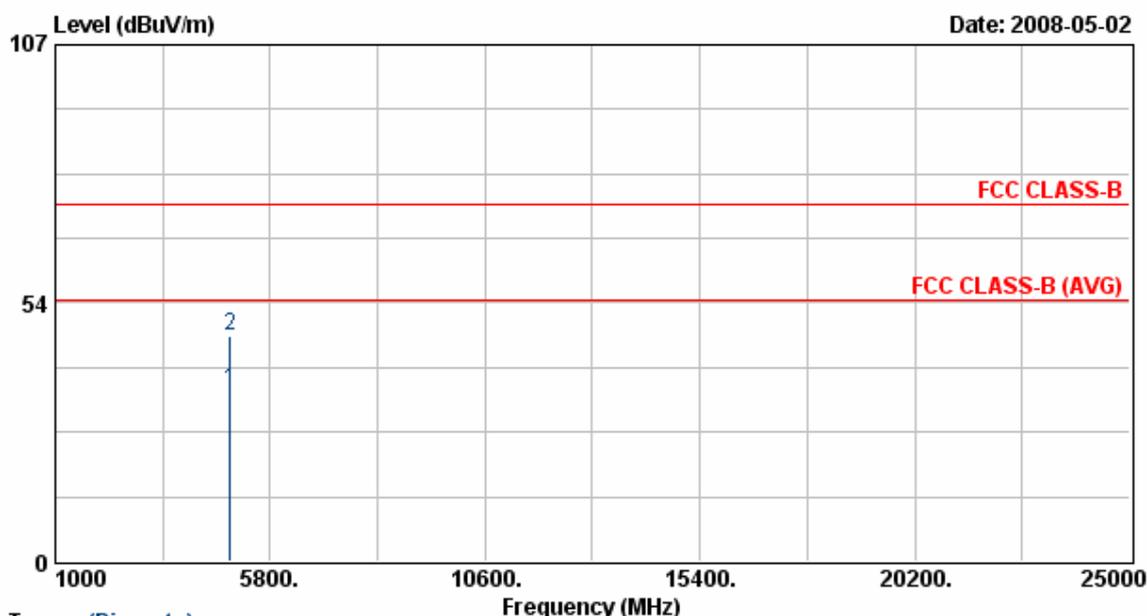
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.03	29.33	5.80	35.14	54.00	-18.86	Average	100	190
2	4874.03	40.60	5.80	46.40	74.00	-27.60	Peak	100	190

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.

Power	: DC 48V from POE	Pol/Phase	: VERTICAL
Test Mode 15	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 9	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 13.5Mbps



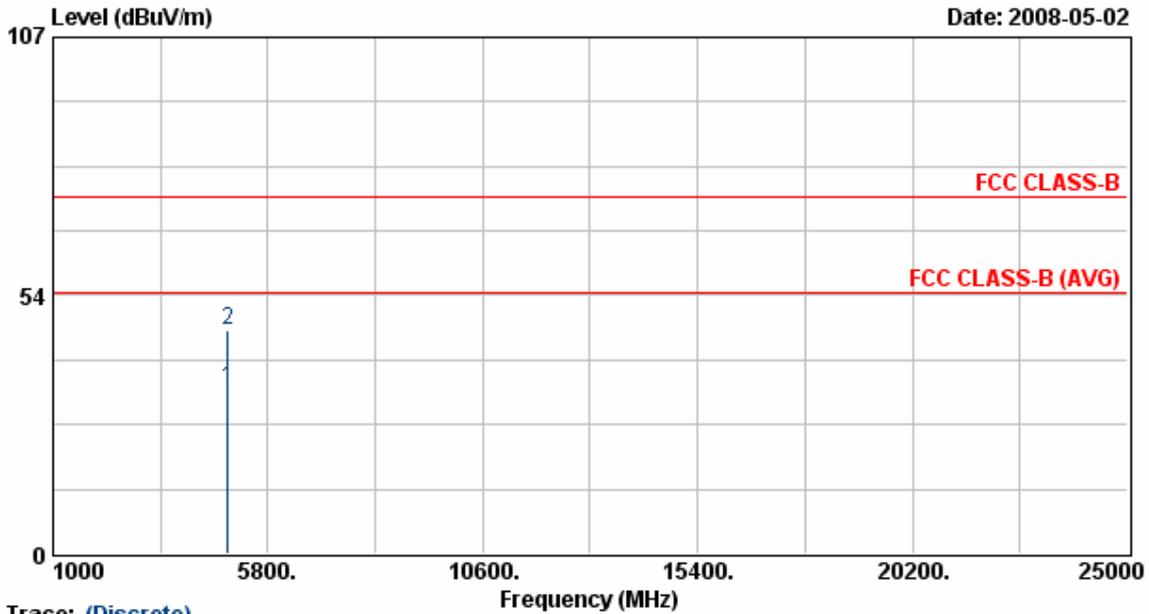
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4903.93	29.56	5.88	35.44	54.00	-18.56	Average	100	163
2	4903.93	40.77	5.88	46.65	74.00	-27.35	Peak	100	163

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.

Power	: DC 48V from POE	Pol/Phase	: HORIZONTAL
Test Mode 15	: Transmit / Receive	Temperature	: 25 °C
Operation Channel	: 9	Humidity	: 65 %
Modulation Type	: 802.11gn, HT40	Atmospheric Pressure	: 1020 hPa
Memo	:	Rate	: 13.5Mbps



Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4904.08	28.27	5.88	34.15	54.00	-19.85	Average	100	190
2	4904.08	40.26	5.88	46.14	74.00	-27.86	Peak	100	190

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.

Test engineer: Ben

6. 6dB Bandwidth Measurement Data (For 802.11b/g device)

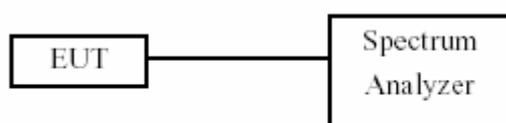
6.1 Test Limit

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	Model No.	Manufacturer	Serial No.	Calibration Date	Valid Date
Spectrum Analyzer	FSP40	R&S	10047	2008/02/22	2009/02/21

6.5 Test Result and Data

- (1) Modulation Standard: IEEE 802.11b (11Mbps), ANT-L
 Test Date: May. 05, 2008 Temperature: 25 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	6dB Bandwidth (MHz)
01	2412	11.40
06	2437	10.20
11	2462	10.70

- (2) Modulation Standard: IEEE 802.11g (6Mbps), ANT-L
 Test Date: May. 05, 2008 Temperature: 25 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	6dB Bandwidth (MHz)
01	2412	16.30
06	2437	16.40
11	2462	16.40

- (3) Modulation Standard: IEEE 802.11b (11Mbps), ANT-M
 Test Date: May. 05, 2008 Temperature: 25 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	6dB Bandwidth (MHz)
01	2412	11.40
06	2437	10.60
11	2462	11.10

- (4) Modulation Standard: IEEE 802.11g (6Mbps), ANT-M
 Test Date: May. 05, 2008 Temperature: 25 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	6dB Bandwidth (MHz)
01	2412	16.30
06	2437	15.70
11	2462	15.70

- (5) Modulation Standard: IEEE 802.11b (11Mbps), ANT-R
 Test Date: May. 05, 2008 Temperature: 25 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	6dB Bandwidth (MHz)
01	2412	9.90
06	2437	9.90
11	2462	10.70

- (6) Modulation Standard: IEEE 802.11g (6Mbps), ANT-R
 Test Date: May. 05, 2008 Temperature: 25 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	6dB Bandwidth (MHz)
01	2412	13.80
06	2437	16.40
11	2462	15.10

- (7) Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-L + ANT-R
 Test Date: May. 05, 2008 Temperature: 25 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	6dB Bandwidth of ANT-L (MHz)	6dB Bandwidth of ANT-R (MHz)
01	2412	17.50	16.90
06	2437	16.70	17.60
11	2462	17.50	17.10

- (8) Modulation Standard: 802.11n draft 2.0, 40MHz (13.5Mbps) , ANT-L + ANT-R
 Test Date: May. 05, 2008 Temperature: 25 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	6dB Bandwidth of ANT-L (MHz)	6dB Bandwidth of ANT-R (MHz)
03	2422	36.20	36.20
06	2437	36.60	36.60
09	2452	36.20	36.20

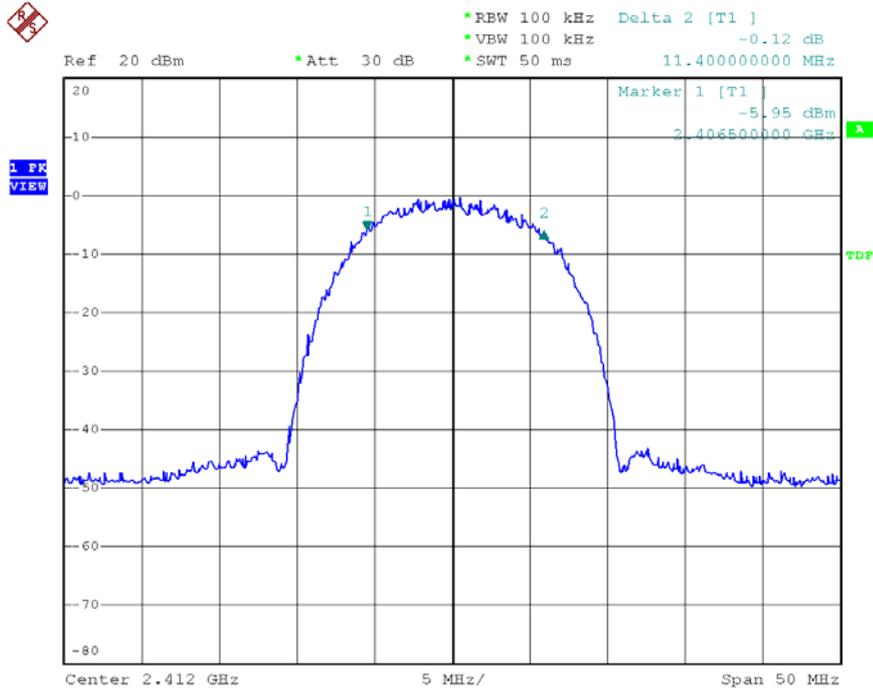
- (9) Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-L + ANT-R
 Test Date: May. 05, 2008 Temperature: 25 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	6dB Bandwidth (MHz)		
		ANT-R	ANT-M	ANT-L
01	2412	17.10	17.50	17.30
06	2437	16.80	17.60	17.20
11	2462	17.30	17.50	17.10

- (10) Modulation Standard: 802.11n draft 2.0, 40MHz (13.5Mbps) , ANT-L + ANT-R
 Test Date: May. 05, 2008 Temperature: 25 Humidity: 60% Atmospheric pressure: 1008 hPa

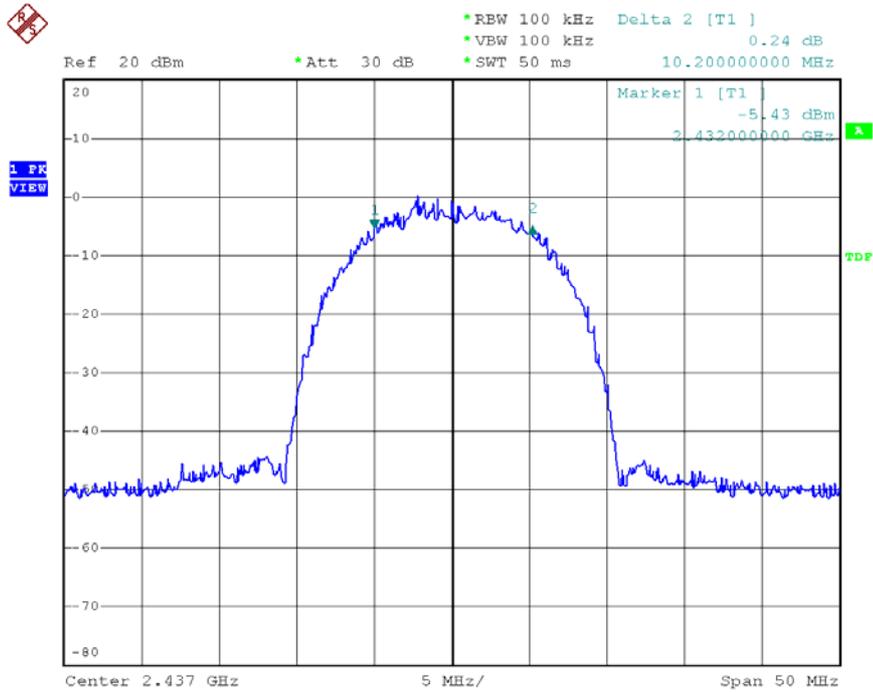
Channel	Frequency (MHz)	6dB Bandwidth (MHz)		
		ANT-R	ANT-M	ANT-L
03	2422	36.20	36.20	36.40
06	2437	36.40	36.40	36.40
09	2452	36.00	36.40	35.80

Modulation Standard: 802.11b (11Mbps), ANT-L
 Channel: 01



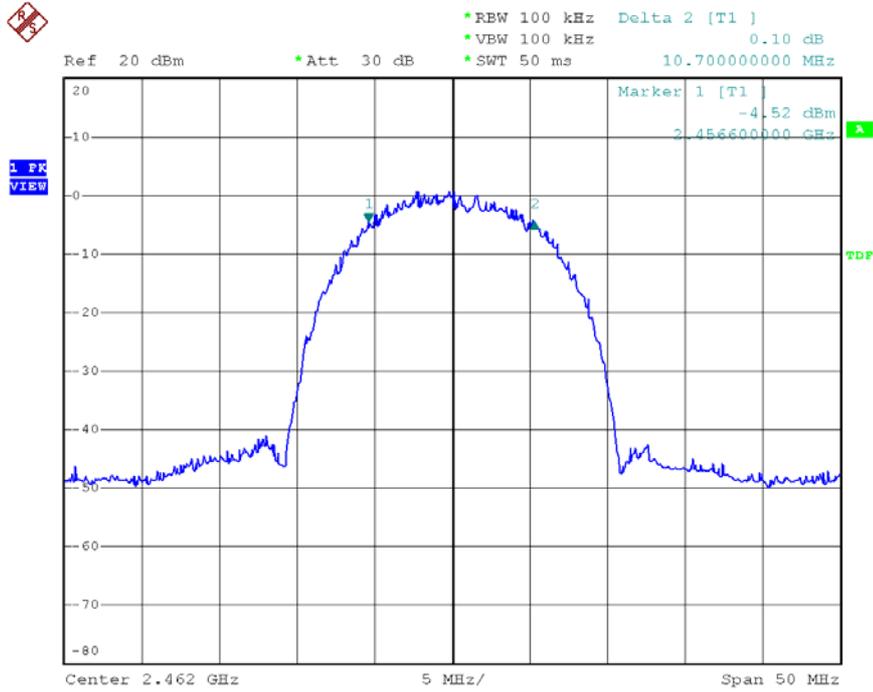
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Modulation Standard: 802.11b (11Mbps), ANT-L
 Channel: 06



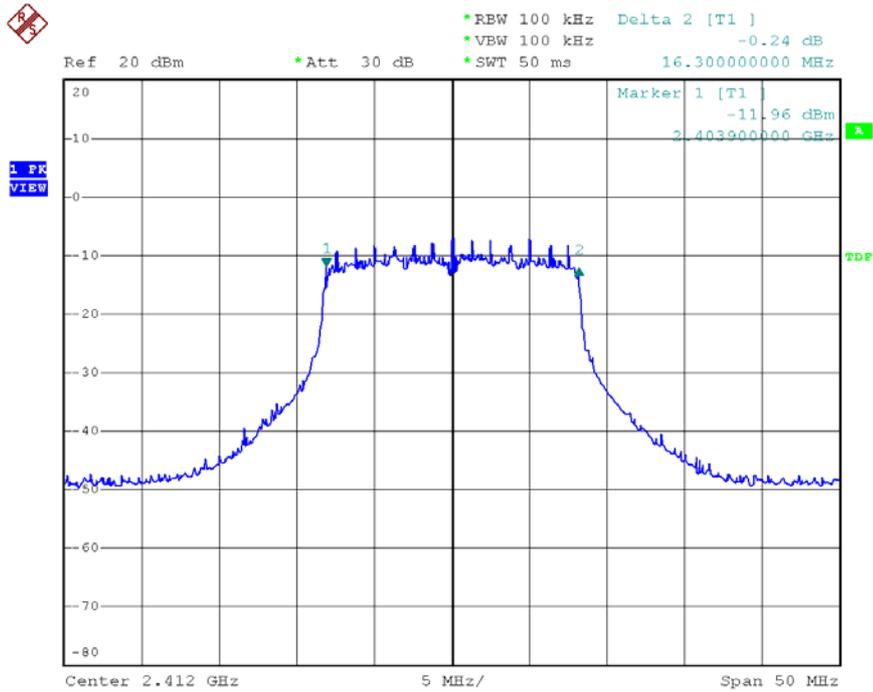
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Modulation Standard: 802.11b (11Mbps), ANT-L
 Channel: 11



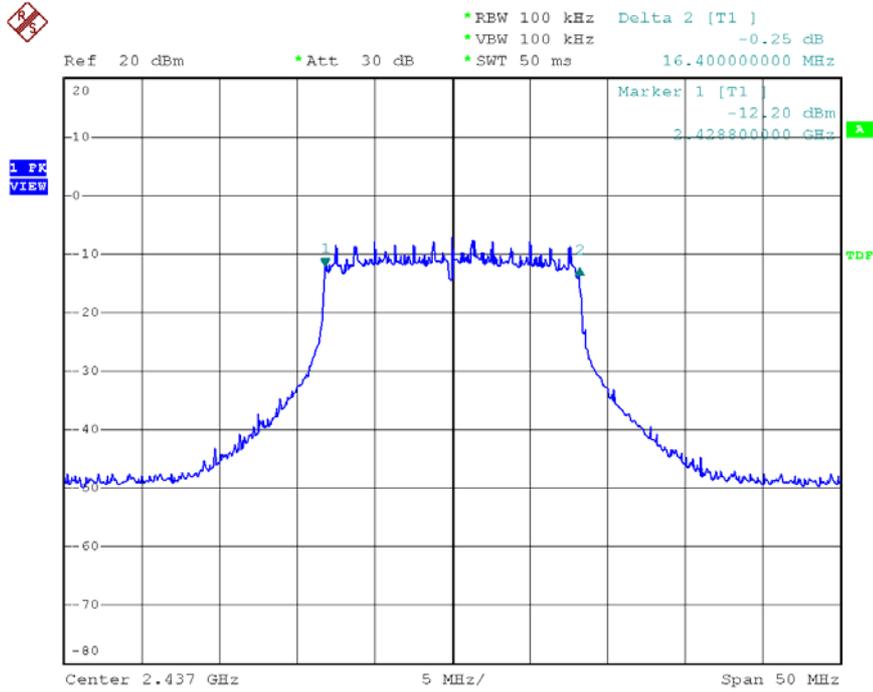
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Modulation Standard: 802.11g (6Mbps), ANT-L
 Channel: 01



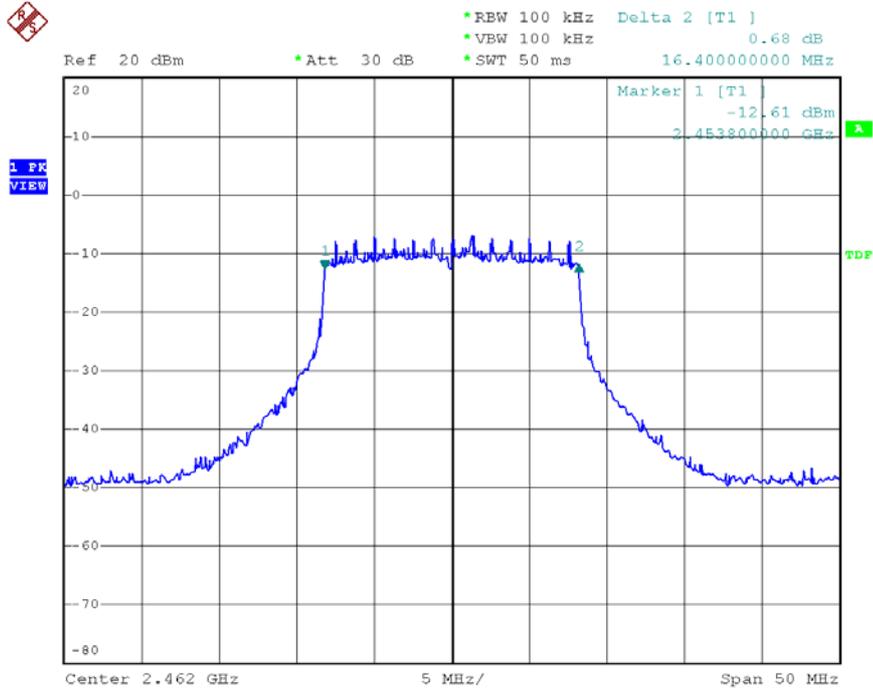
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Modulation Standard: 802.11g (6Mbps), ANT-L
Channel: 06



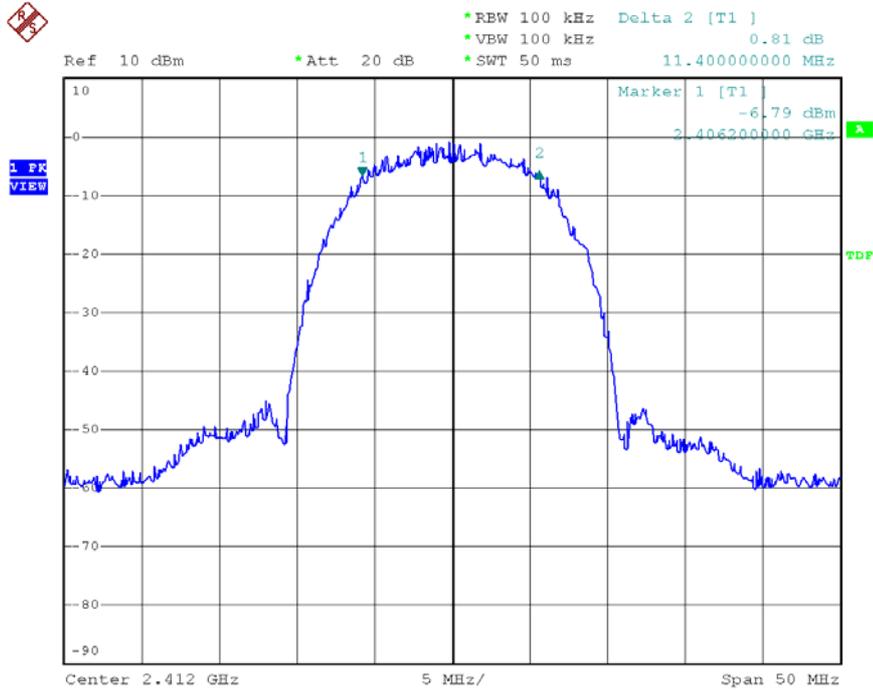
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Modulation Standard: 802.11g (6Mbps), ANT-L
Channel: 11



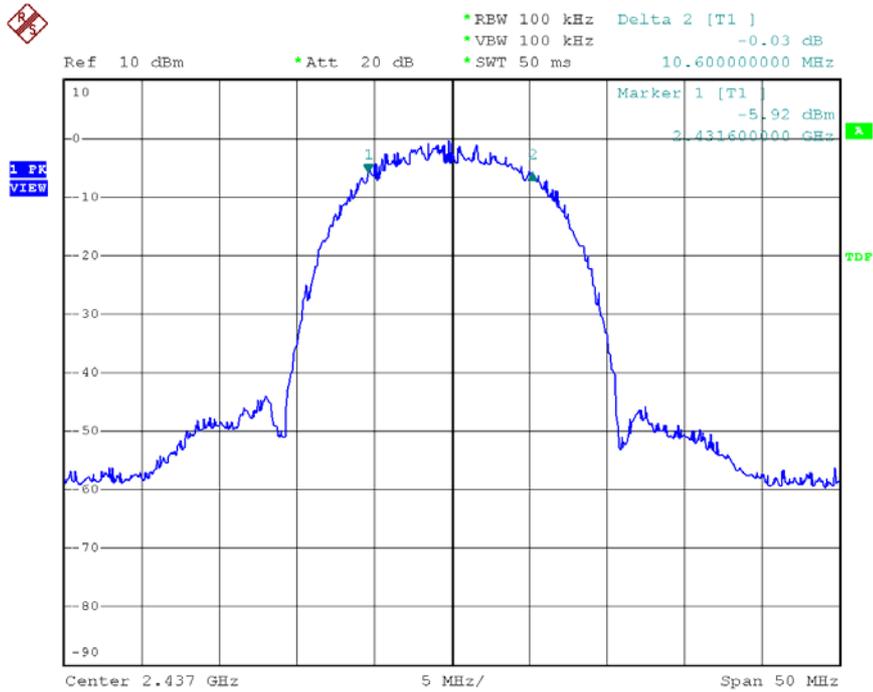
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Modulation Standard: 802.11b (11Mbps), ANT-M
 Channel: 01



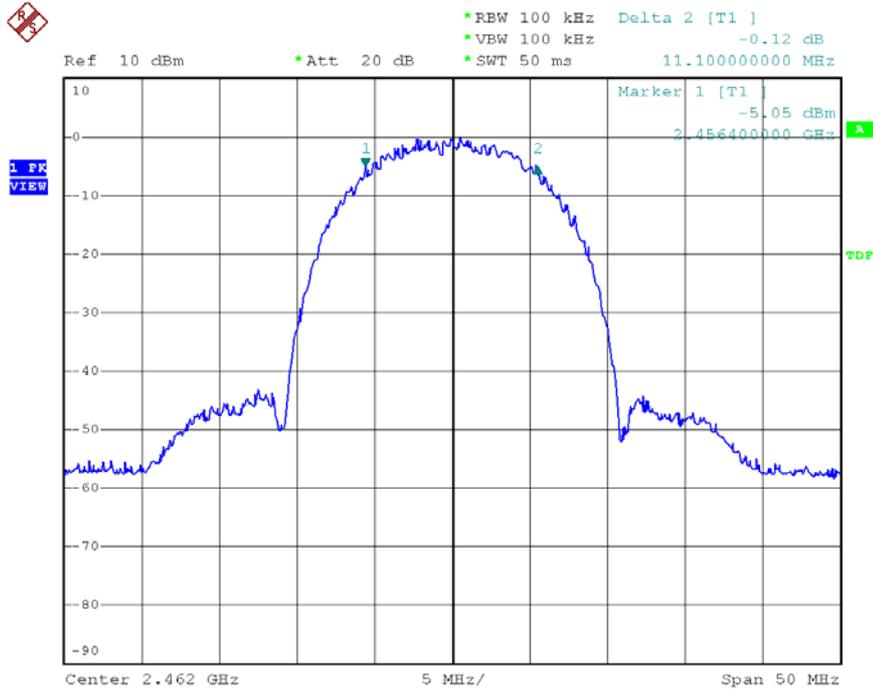
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Modulation Standard: 802.11b (11Mbps), ANT-M
 Channel: 06



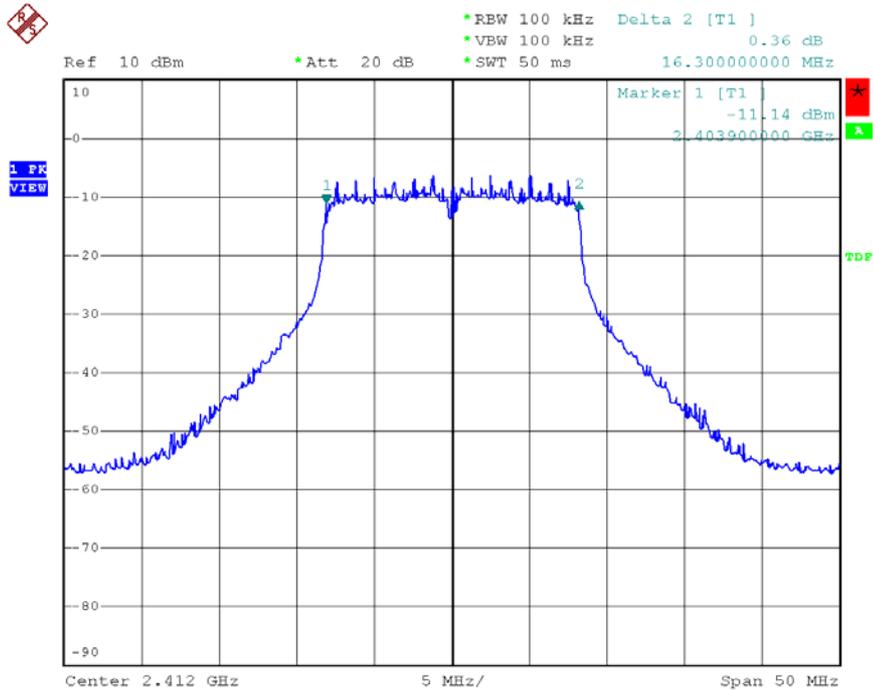
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Modulation Standard: 802.11b (11Mbps), ANT-M
 Channel: 11



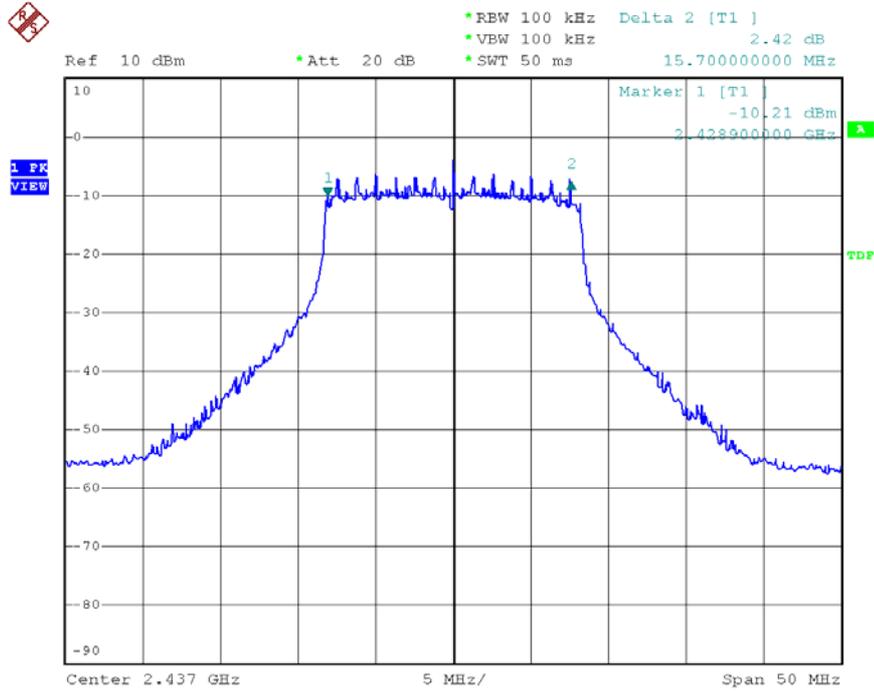
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Modulation Standard: 802.11g (6Mbps), ANT-M
 Channel: 01



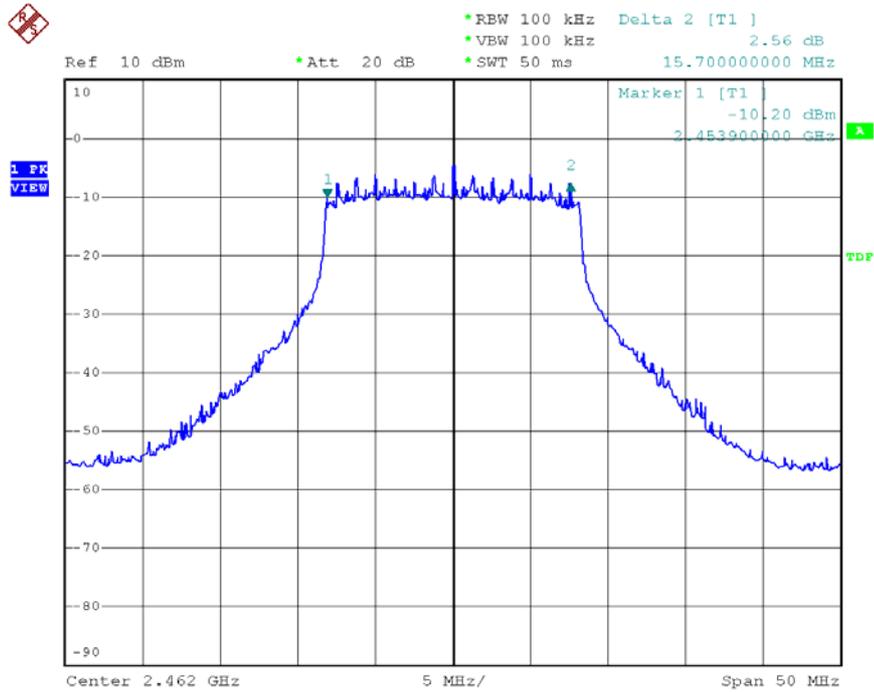
Date: 25.MAR.2008 15:27:27

Modulation Standard: 802.11g (6Mbps), ANT-M
 Channel: 06



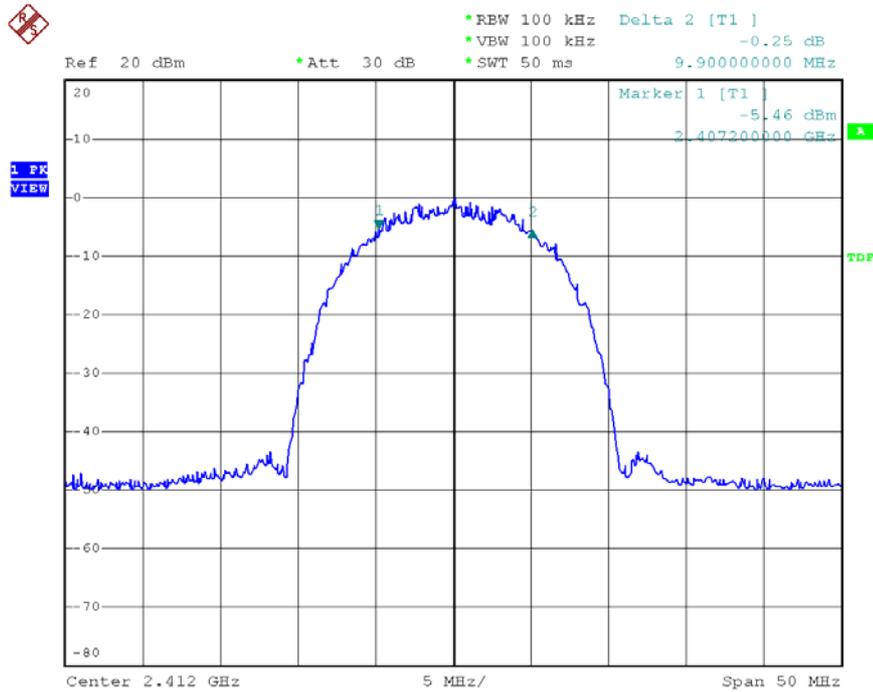
Date: 25.MAR.2008 15:24:27

Modulation Standard: 802.11g (6Mbps), ANT-M
 Channel: 11



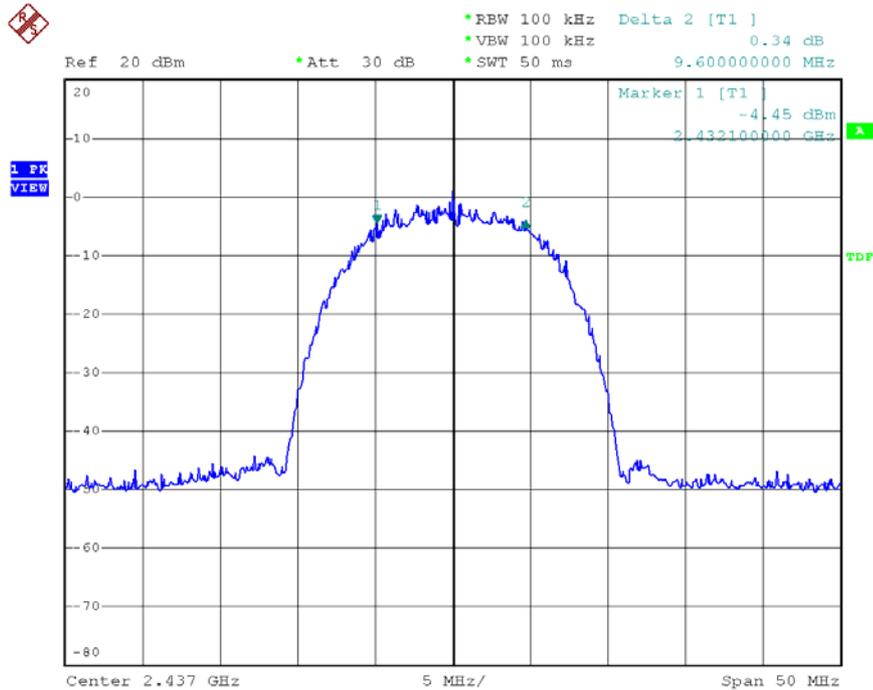
Date: 25.MAR.2008 15:21:19

Modulation Standard: 802.11b (11Mbps), ANT-R
 Channel: 01



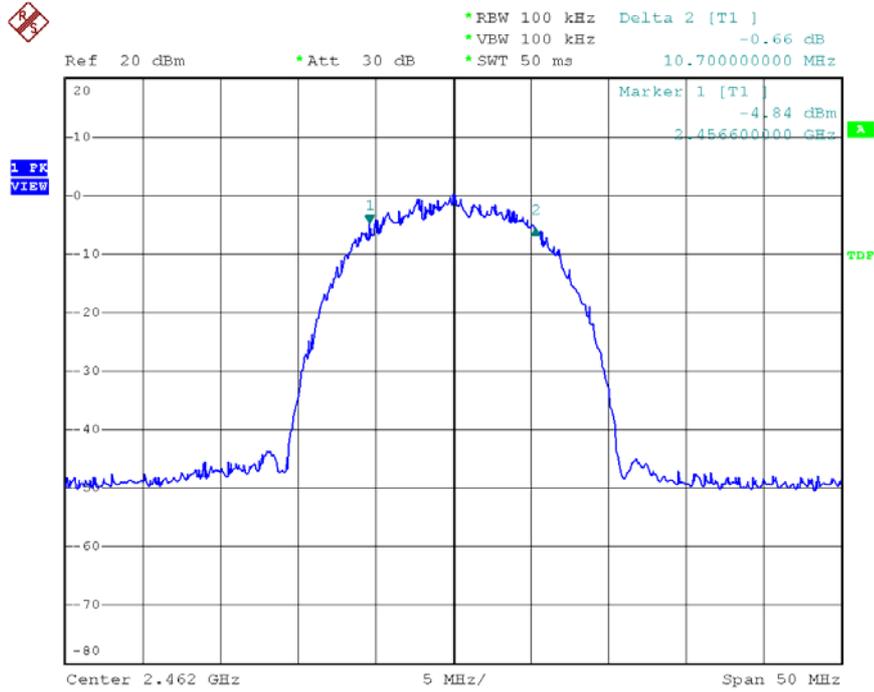
Date: 25.MAR.2008 10:28:42

Modulation Standard: 802.11b (11Mbps), ANT-R
 Channel: 06



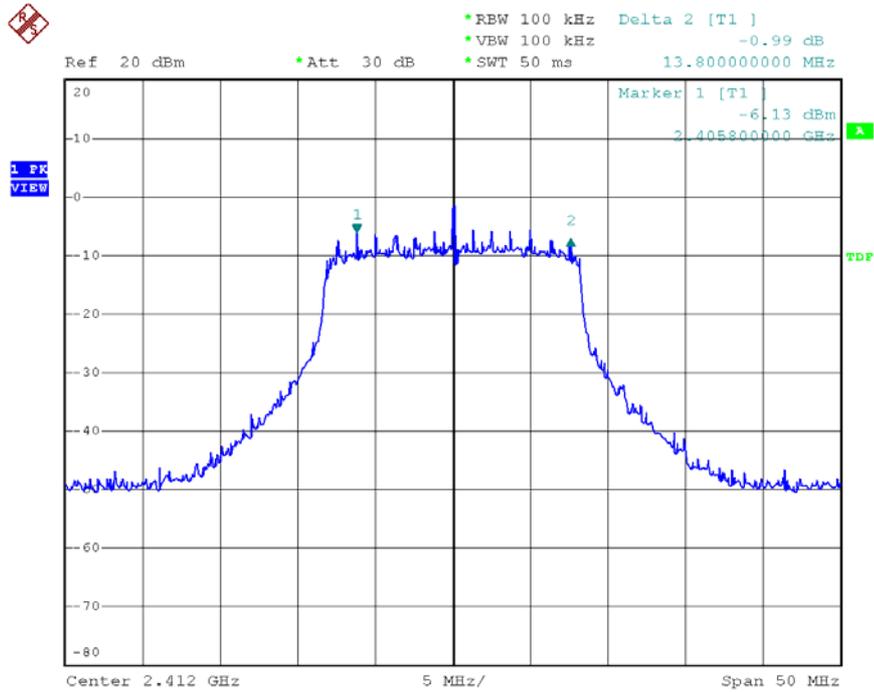
Date: 25.MAR.2008 10:27:20

Modulation Standard: 802.11b (11Mbps), ANT-R
 Channel: 11



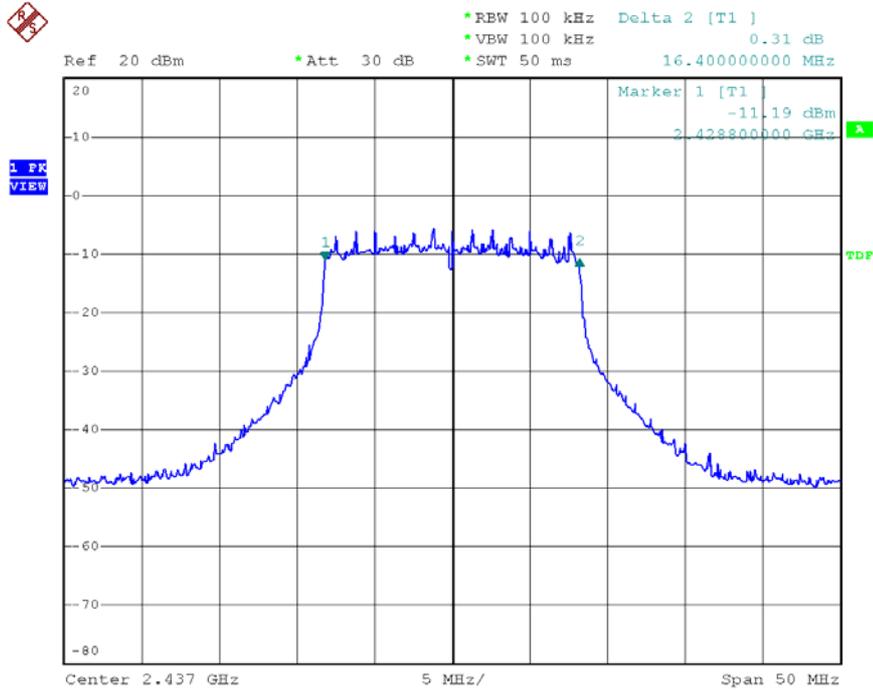
Date: 25.MAR.2008 10:30:28

Modulation Standard: 802.11g (6Mbps), ANT-R
 Channel: 01



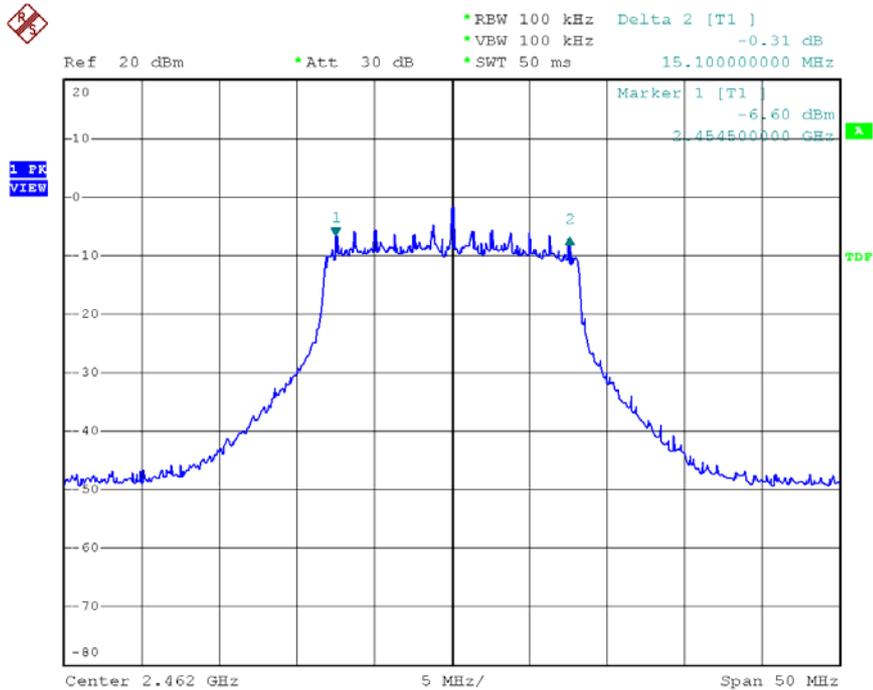
Date: 25.MAR.2008 10:33:38

Modulation Standard: 802.11g (6Mbps), ANT-R
 Channel: 06



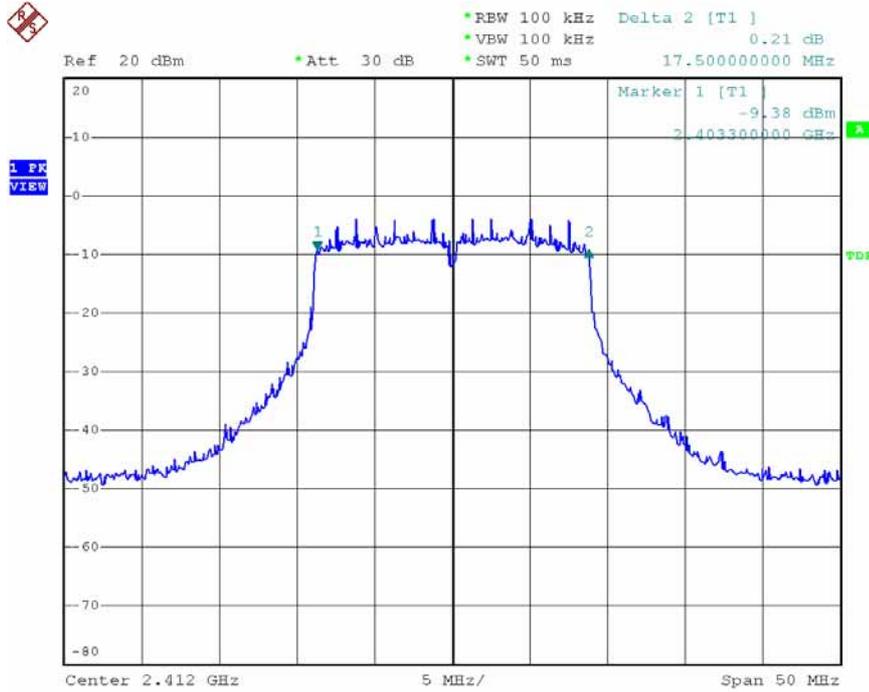
Date: 25.MAR.2008 10:35:47

Modulation Standard: 802.11g (6Mbps), ANT-R
 Channel: 11



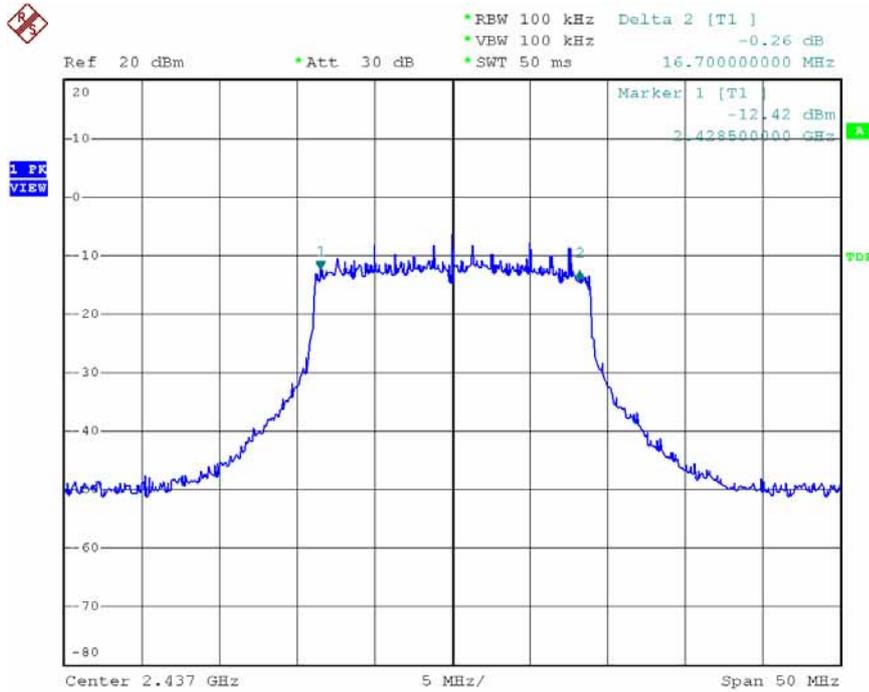
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Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-L + ANT-R (ANT-L)
 Channel: 01



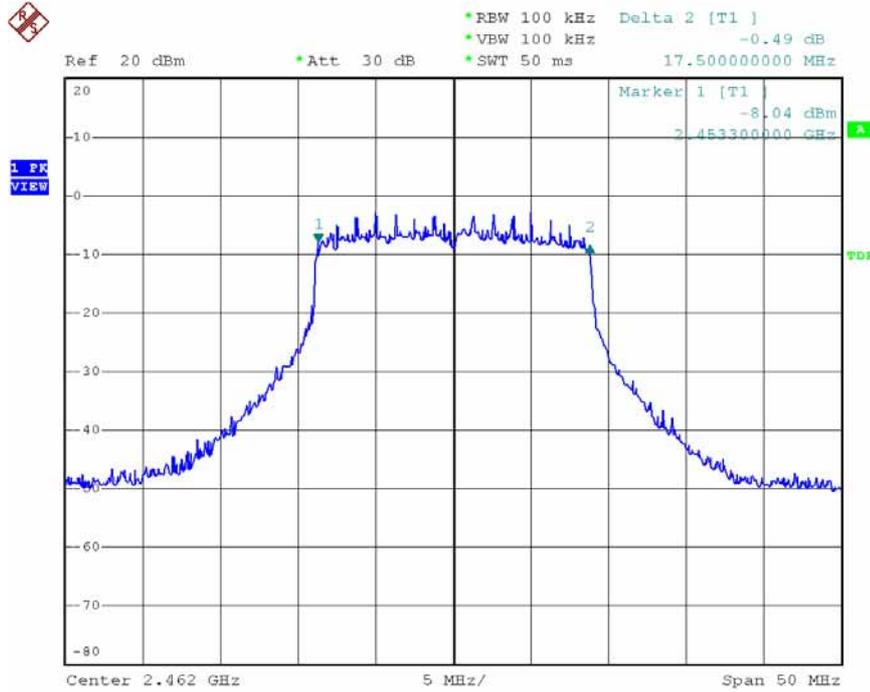
Date: 29.APR.2008 16:41:07

Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-L + ANT-R (ANT-L)
 Channel: 06



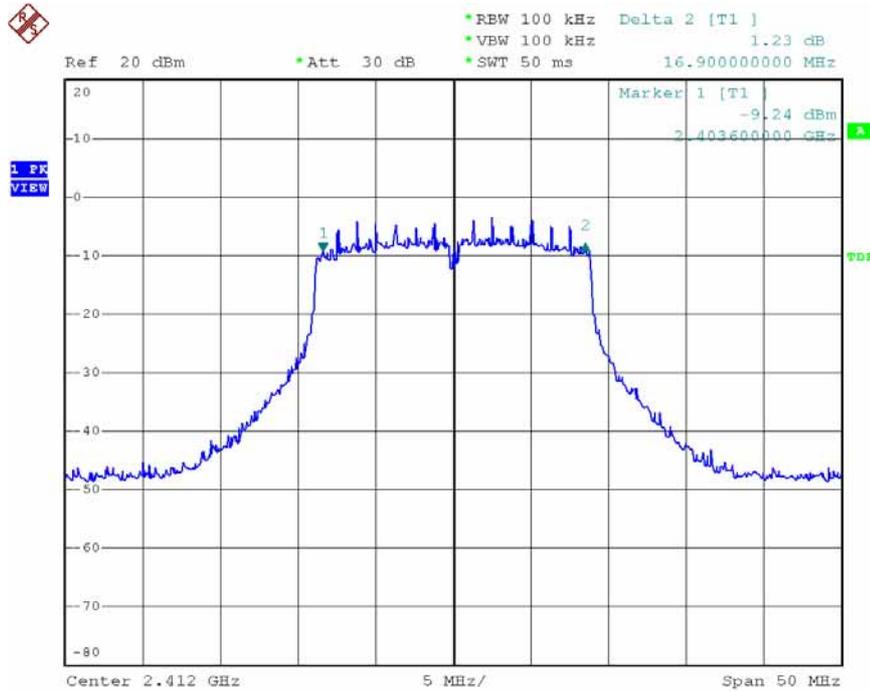
Date: 28.MAR.2008 15:33:18

Modulation Standard: 802.11gn, HT20, HT20 (6.5Mbps), ANT-L + ANT-R (ANT-L)
 Channel: 11



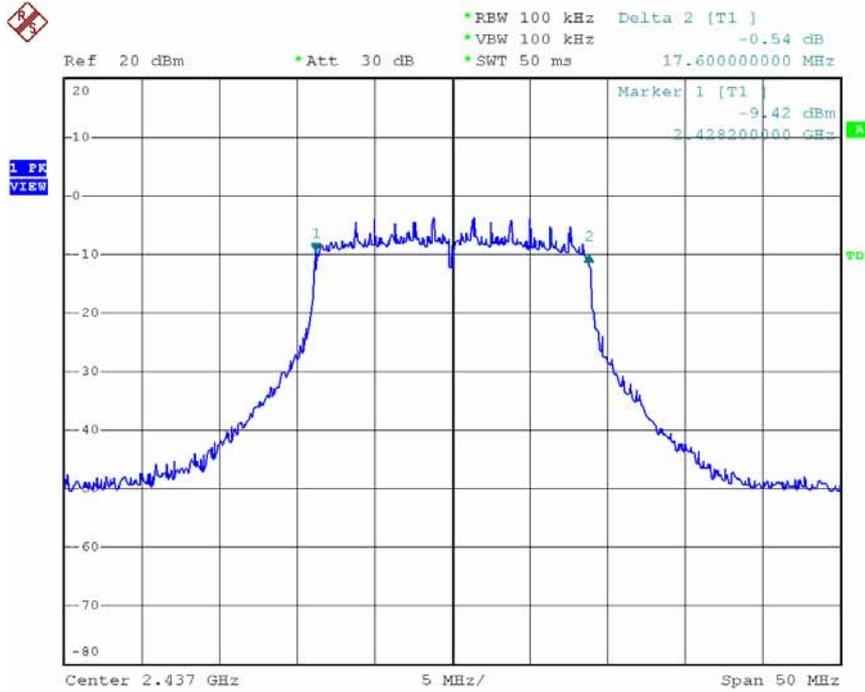
Date: 29.APR.2008 16:53:54

Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-L + ANT-R (ANT-R)
 Channel: 01



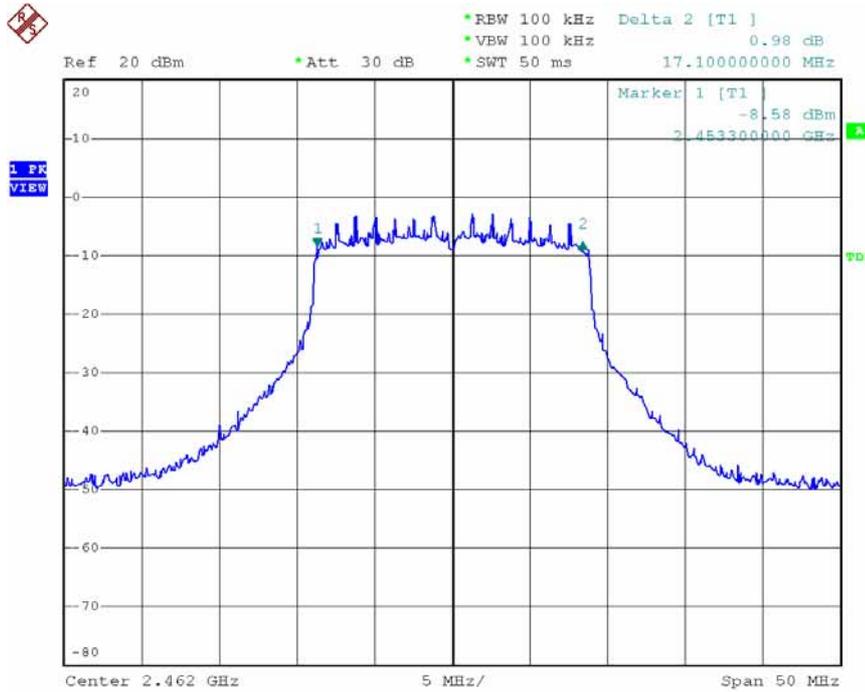
Date: 29.APR.2008 16:39:31

Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-L + ANT-R (ANT-R)
 Channel: 06



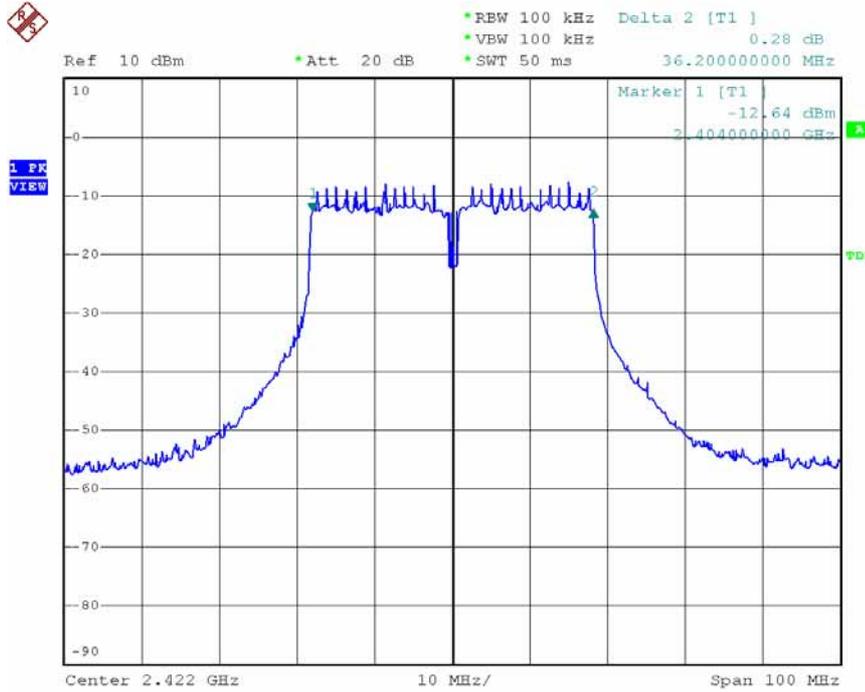
Date: 29.APR.2008 16:46:13

Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-L + ANT-R (ANT-R)
 Channel: 11



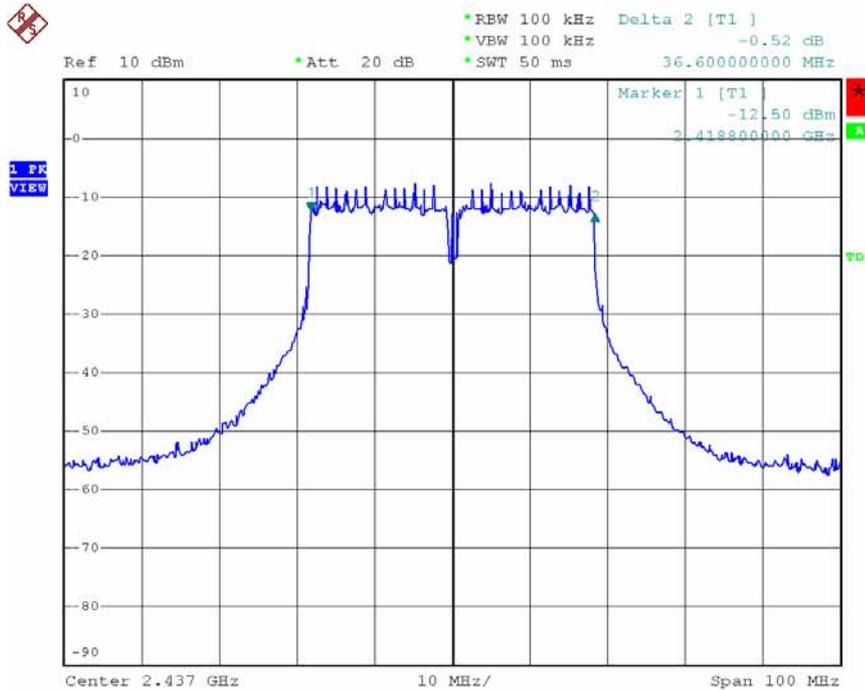
Date: 29.APR.2008 16:48:35

Modulation Standard: 802.11gn, HT40 (13.5Mbps), ANT-L + ANT-R (ANT-L)
Channel: 03



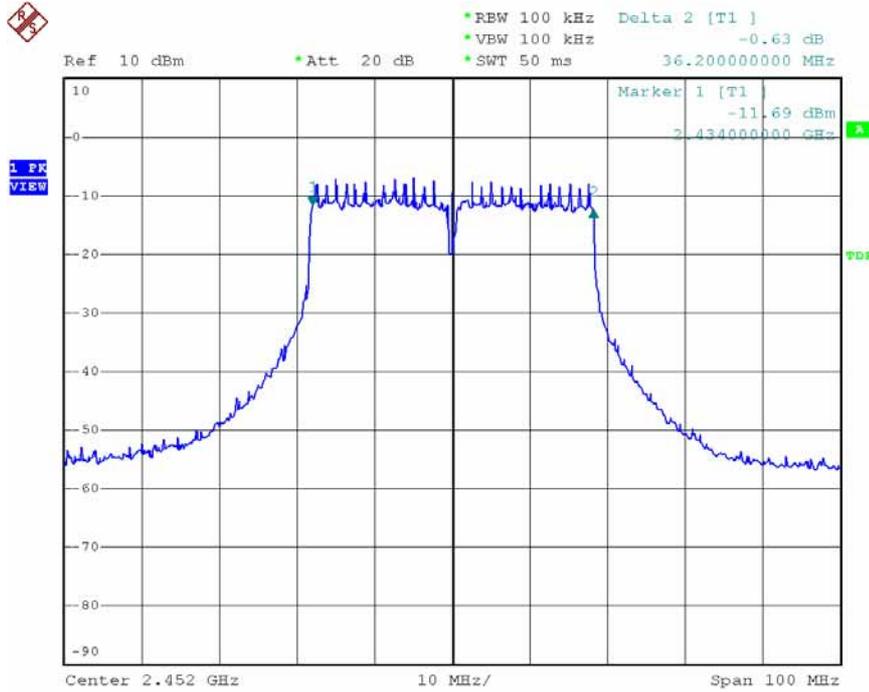
Date: 30.APR.2008 11:10:56

Modulation Standard: 802.11gn, HT40 (13.5Mbps), ANT-L + ANT-R (ANT-L)
Channel: 06



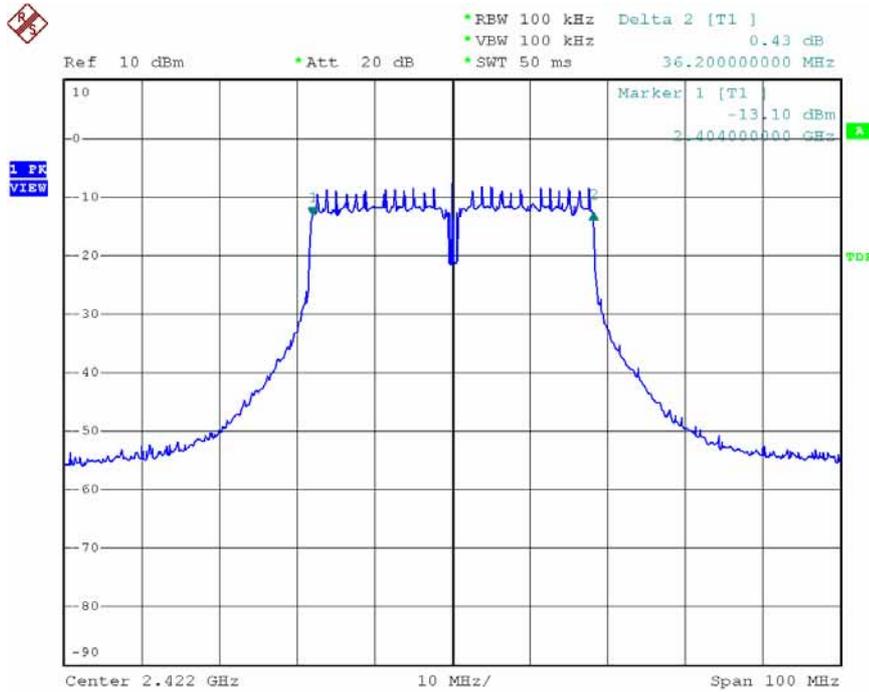
Date: 30.APR.2008 11:13:52

Modulation Standard: 802.11gn, HT40 (13.5Mbps), ANT-L + ANT-R (ANT-L)
Channel: 09



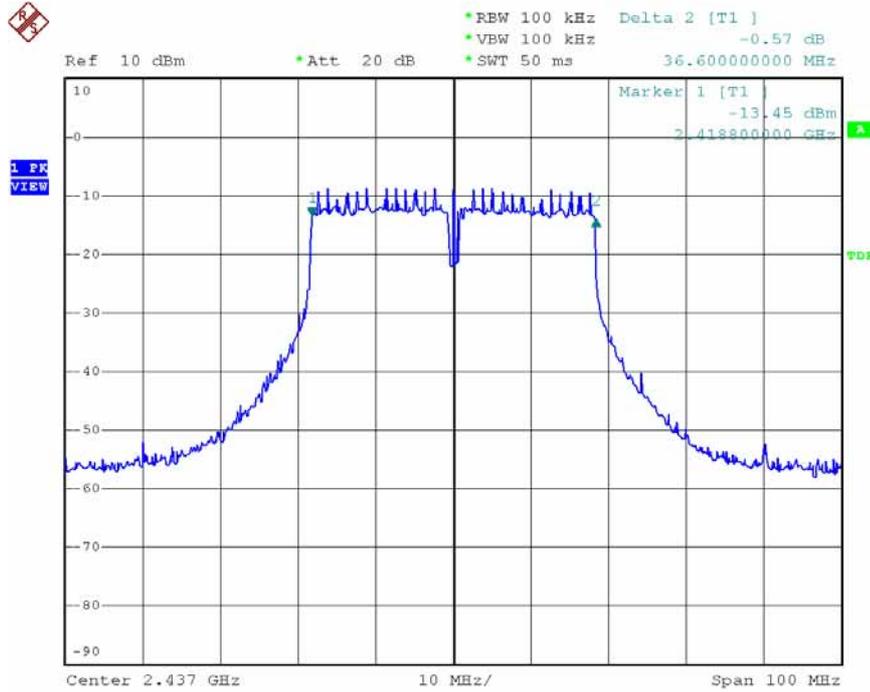
Date: 30.APR.2008 11:22:06

Modulation Standard: 802.11gn, HT40 (13.5Mbps), ANT-L + ANT-R (ANT-R)
Channel: 03



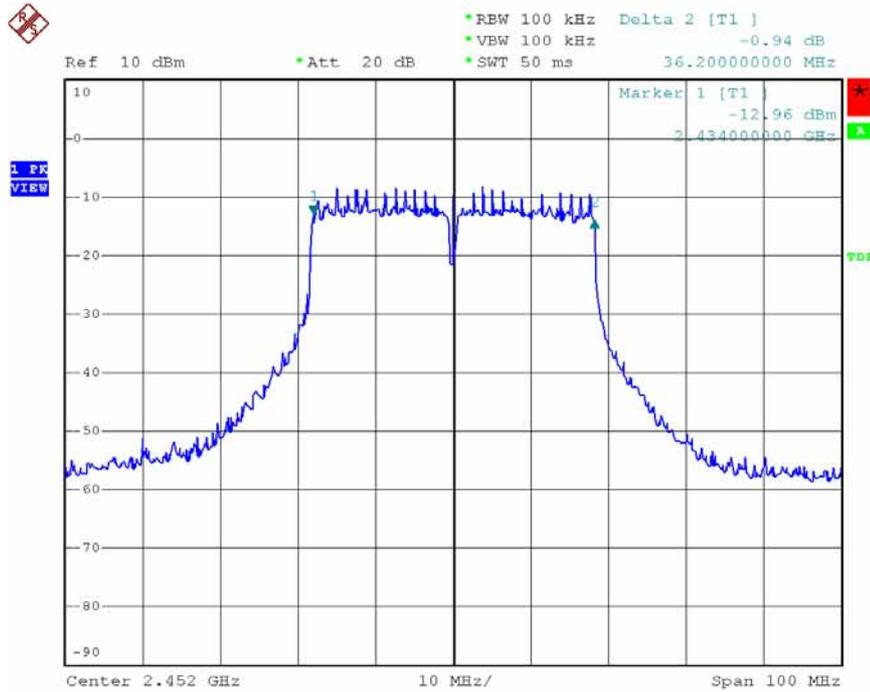
Date: 30.APR.2008 11:07:27

Modulation Standard: 802.11gn, HT40 (13.5Mbps), ANT-L + ANT-R (ANT-R)
 Channel: 06



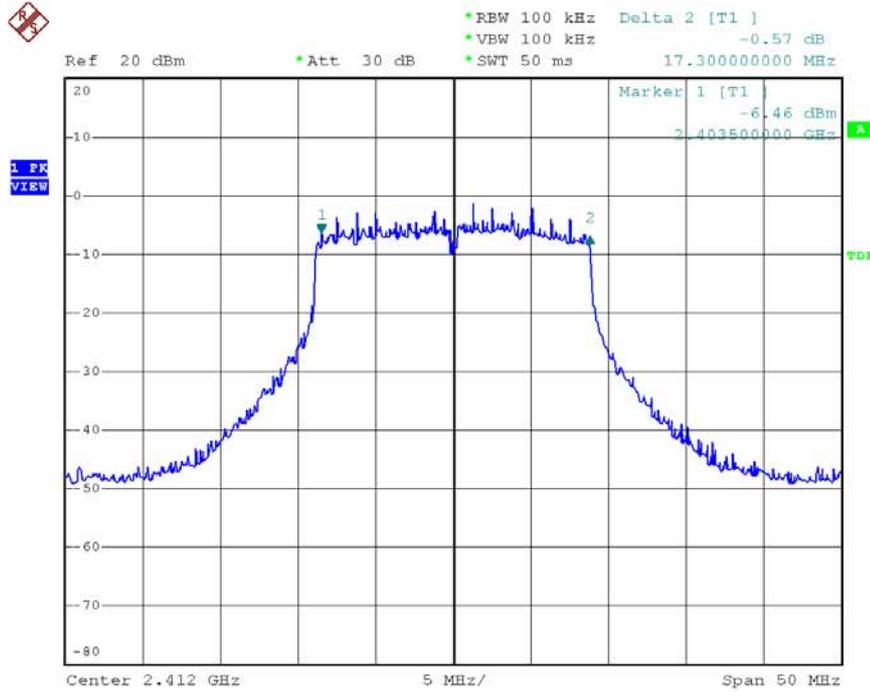
Date: 30.APR.2008 11:17:48

Modulation Standard: 802.11gn, HT40 (13.5Mbps), ANT-L + ANT-R (ANT-R)
 Channel: 09



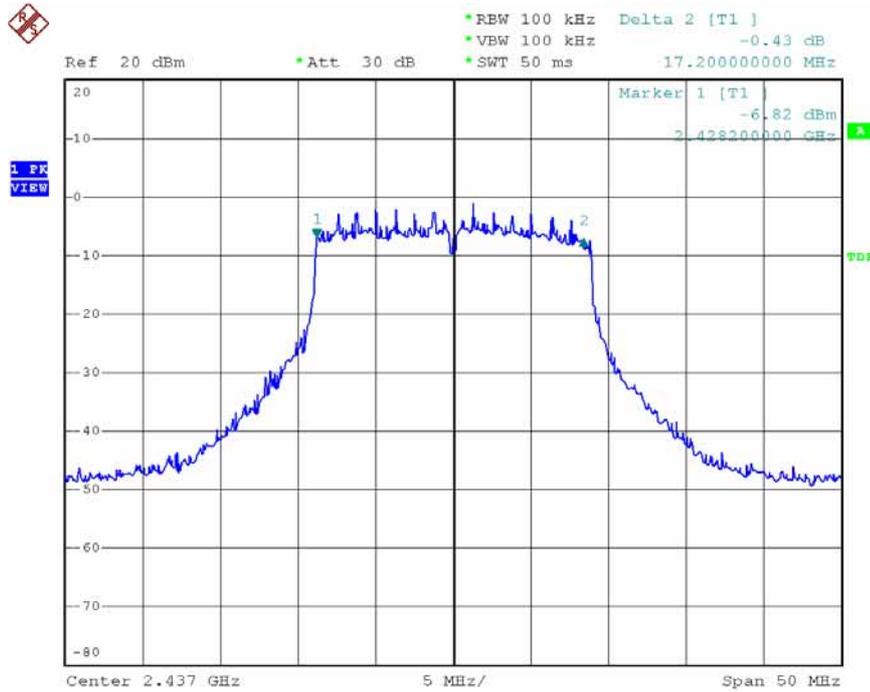
Date: 30.APR.2008 11:19:07

Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-ALL (ANT-L)
 Channel: 01



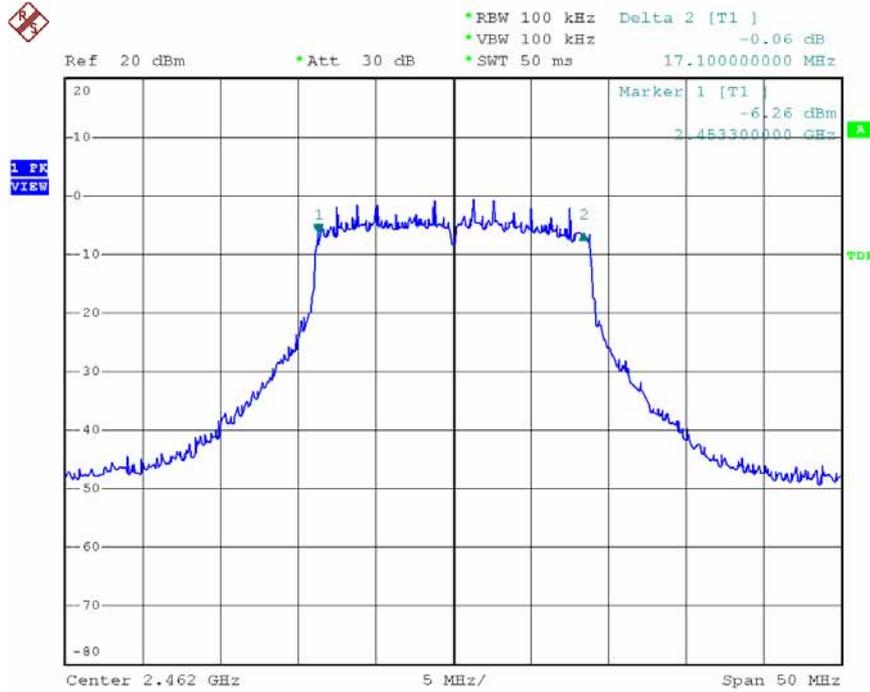
Date: 1.MAY.2008 16:17:08

Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-ALL (ANT-L)
 Channel: 06



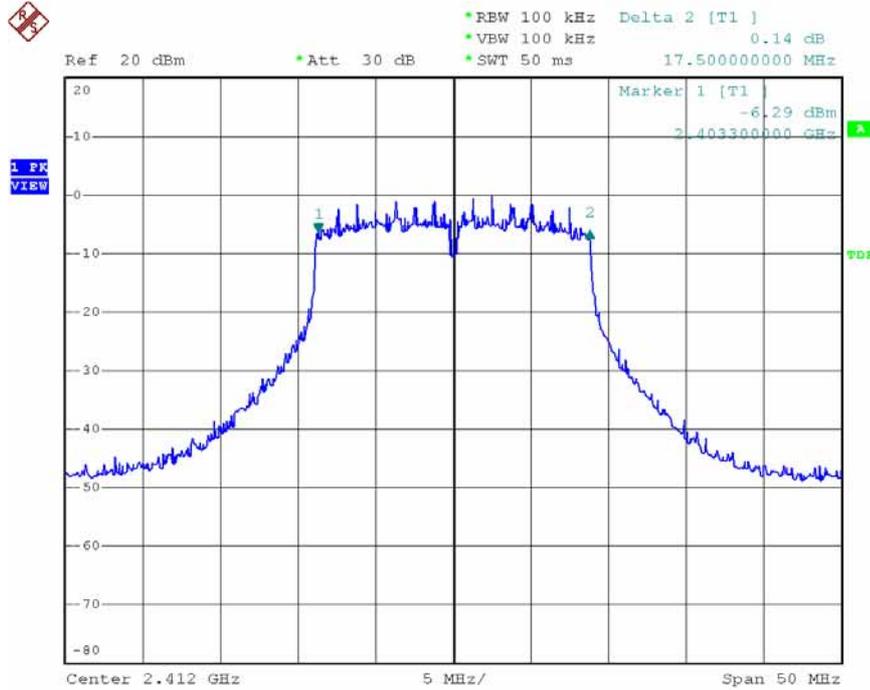
Date: 1.MAY.2008 16:19:05

Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-ALL (ANT-L)
 Channel: 11



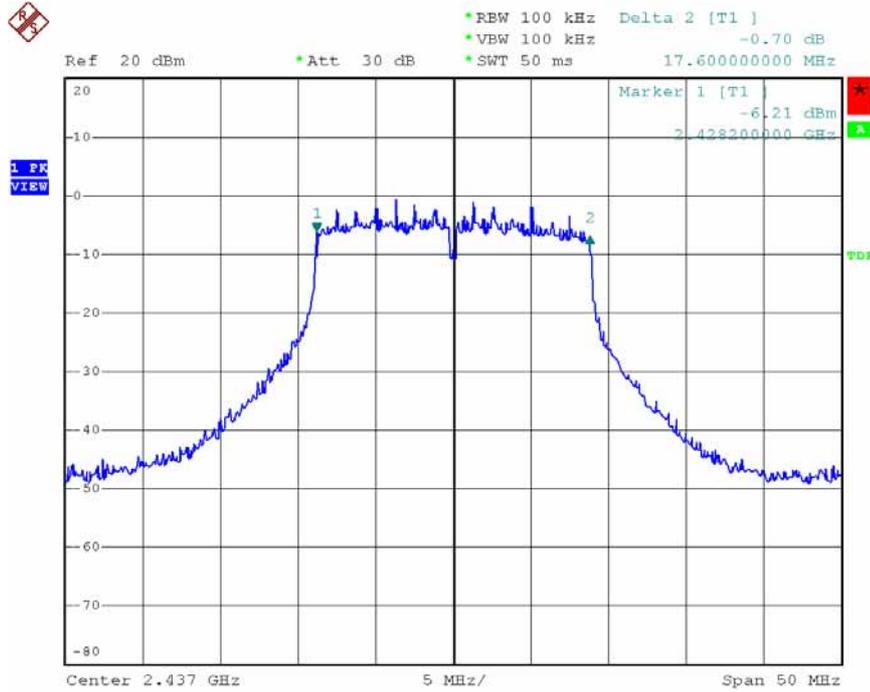
Date: 1.MAY.2008 16:20:26

Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-ALL (ANT-M)
 Channel: 01



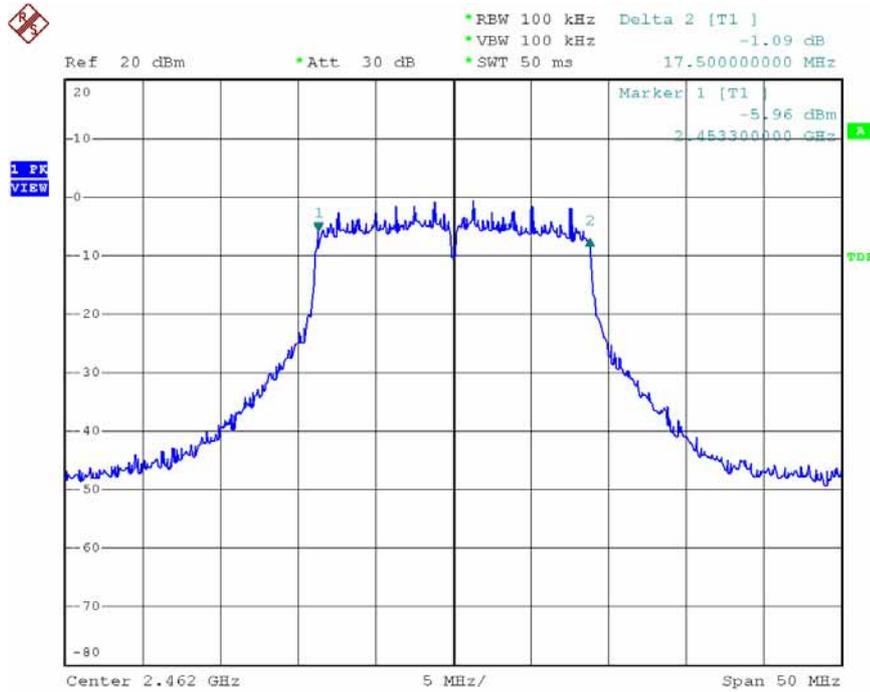
Date: 1.MAY.2008 16:15:15

Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-ALL (ANT-M)
 Channel: 06



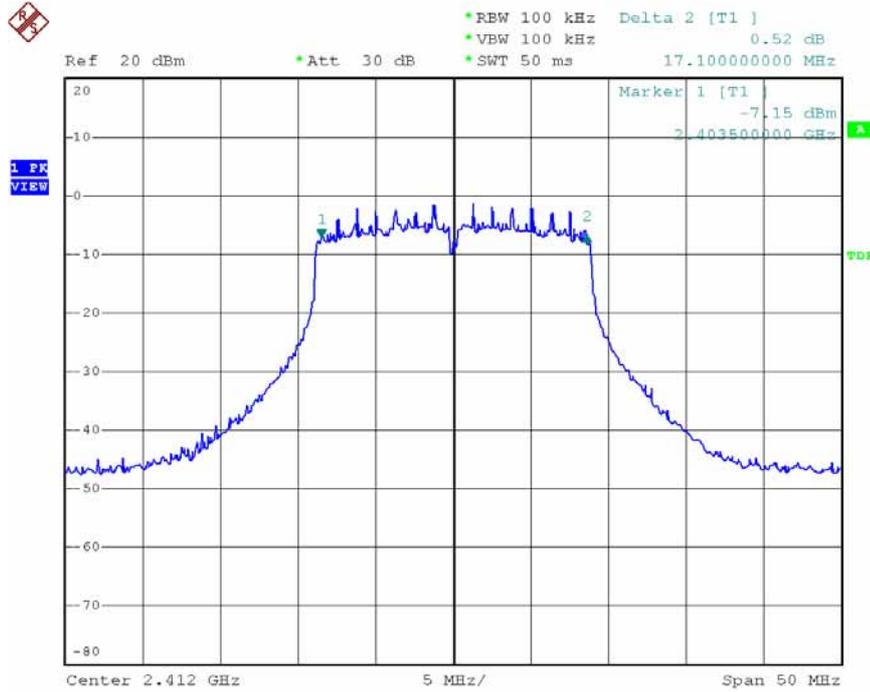
Date: 1.MAY.2008 16:13:48

Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-ALL (ANT-M)
 Channel: 11



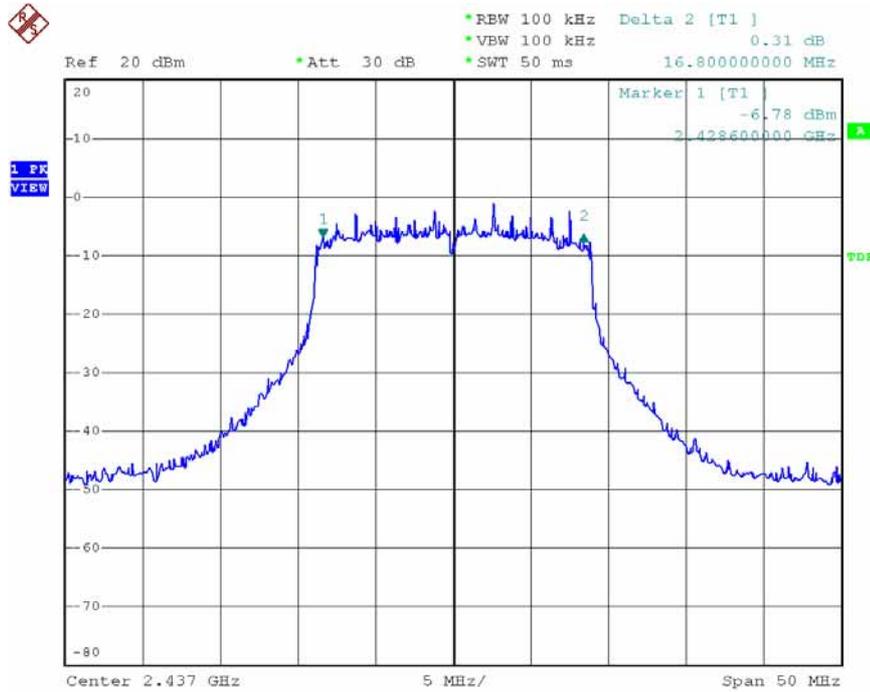
Date: 1.MAY.2008 16:12:18

Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-ALL (ANT-R)
 Channel: 01



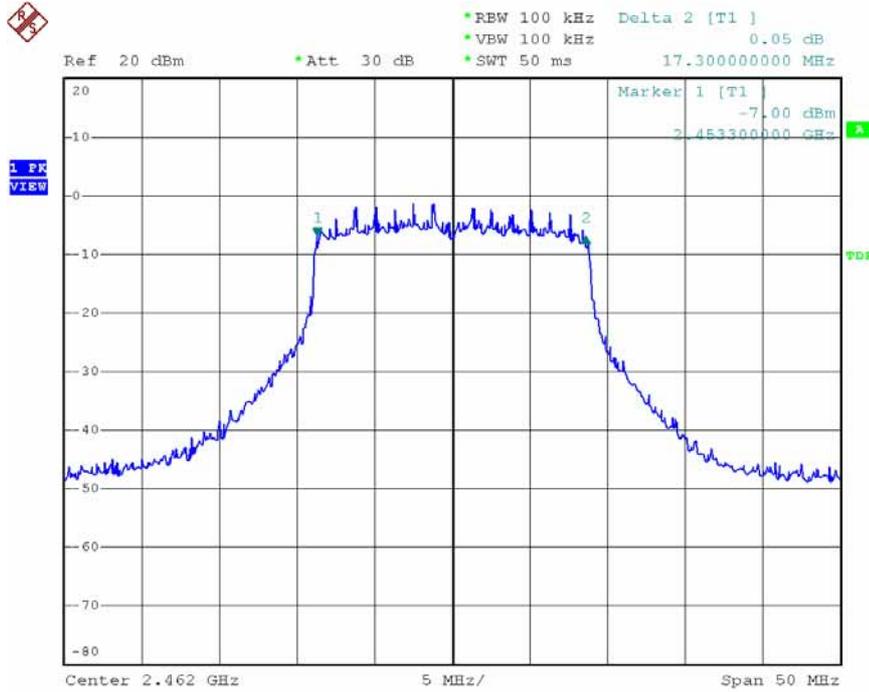
Date: 1.MAY.2008 16:07:26

Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-ALL (ANT-R)
 Channel: 06



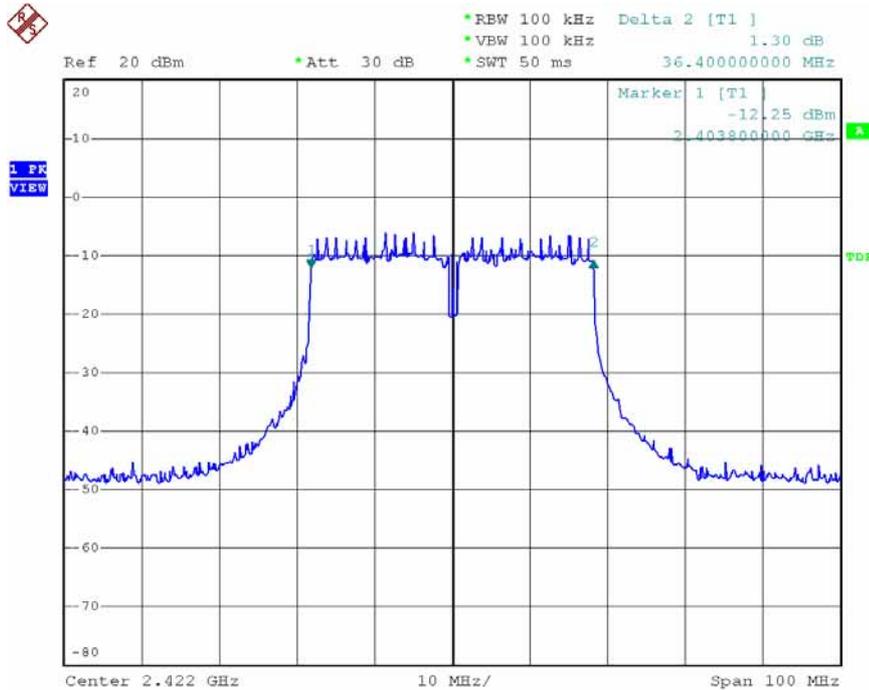
Date: 1.MAY.2008 16:08:53

Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-ALL (ANT-R)
 Channel: 11



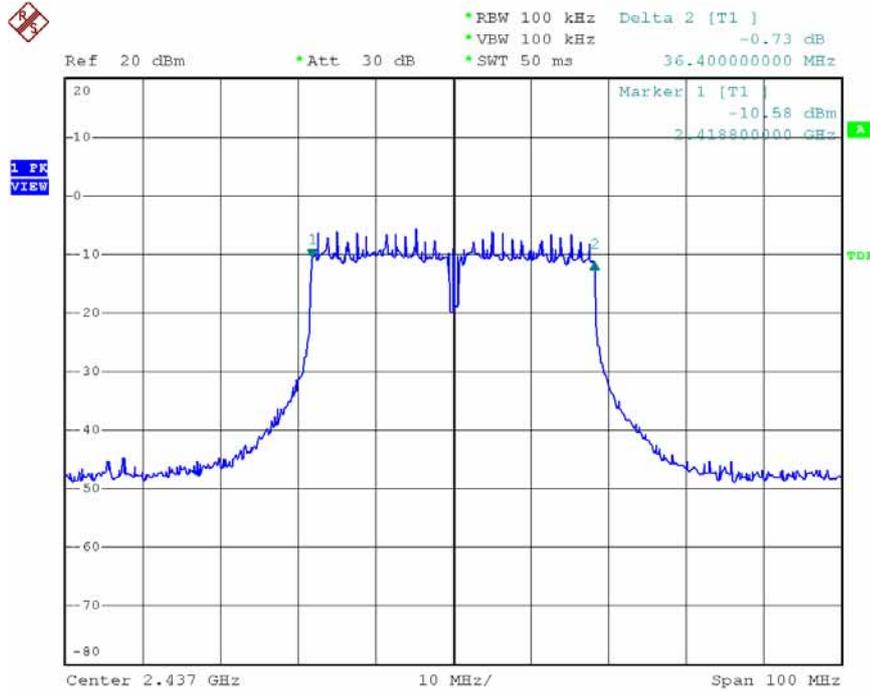
Date: 1.MAY.2008 16:10:15

Modulation Standard: 802.11gn, HT40 (13.5Mbps), ANT-ALL (ANT-L)
 Channel: 03



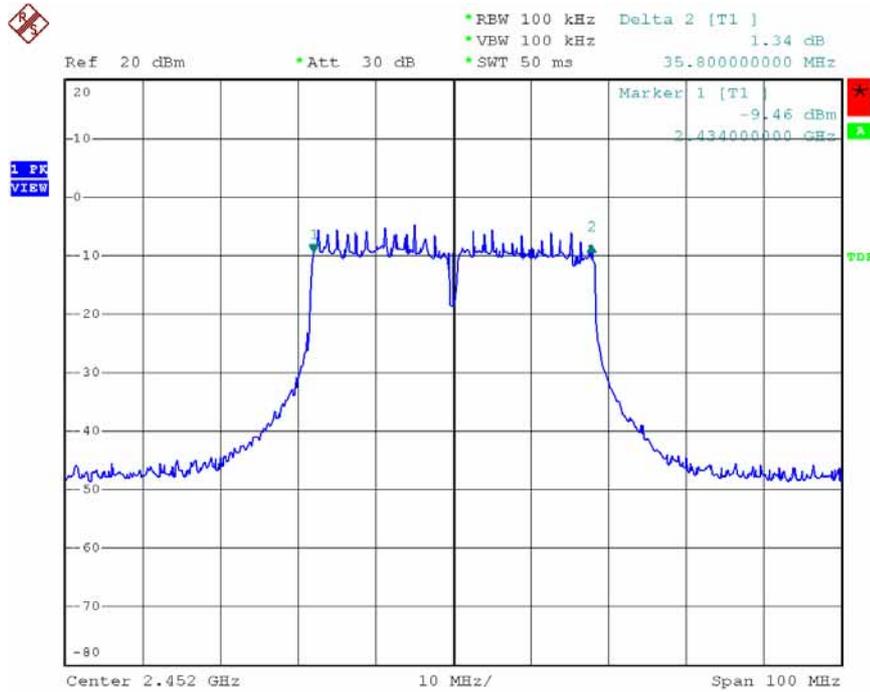
Date: 1.MAY.2008 17:40:53

Modulation Standard: 802.11gn, HT40 (13.5Mbps), ANT-ALL (ANT-L)
 Channel: 06



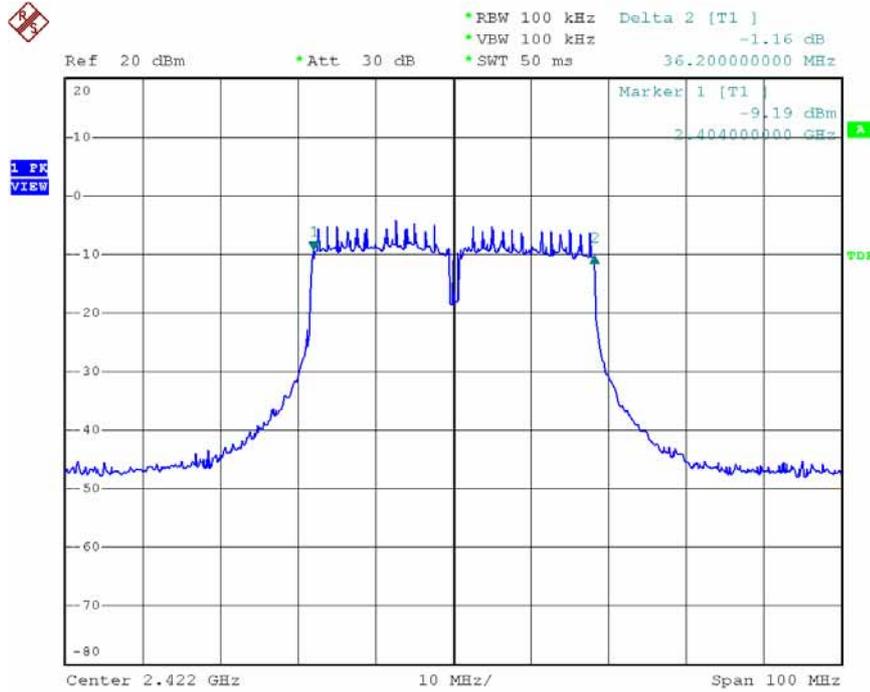
Date: 1.MAY.2008 17:48:51

Modulation Standard: 802.11gn, HT40 (13.5Mbps), ANT-ALL (ANT-L)
 Channel: 09



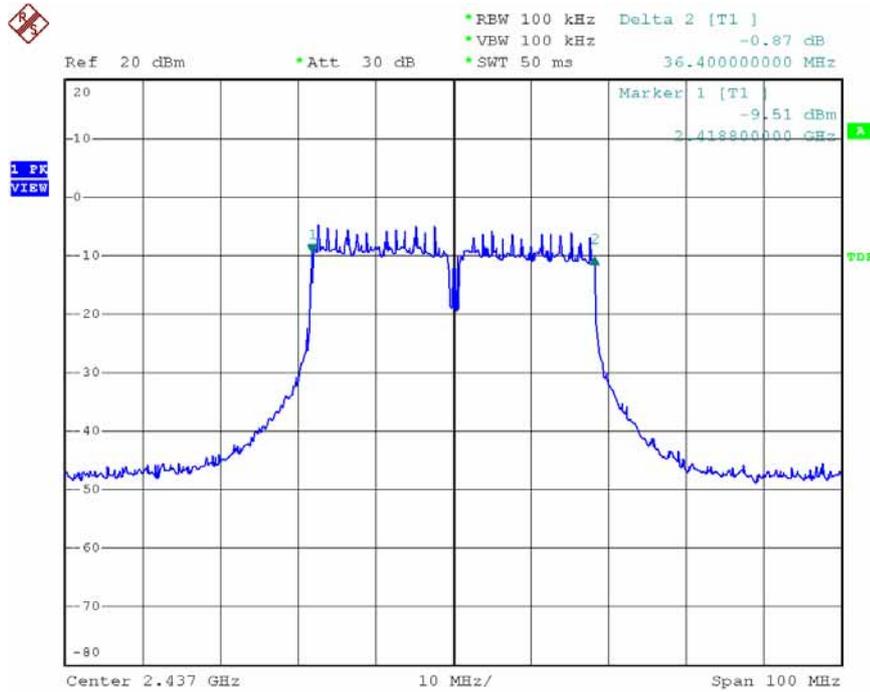
Date: 1.MAY.2008 17:50:13

Modulation Standard: 802.11gn, HT40 (13.5Mbps), ANT-ALL (ANT-M)
 Channel: 03



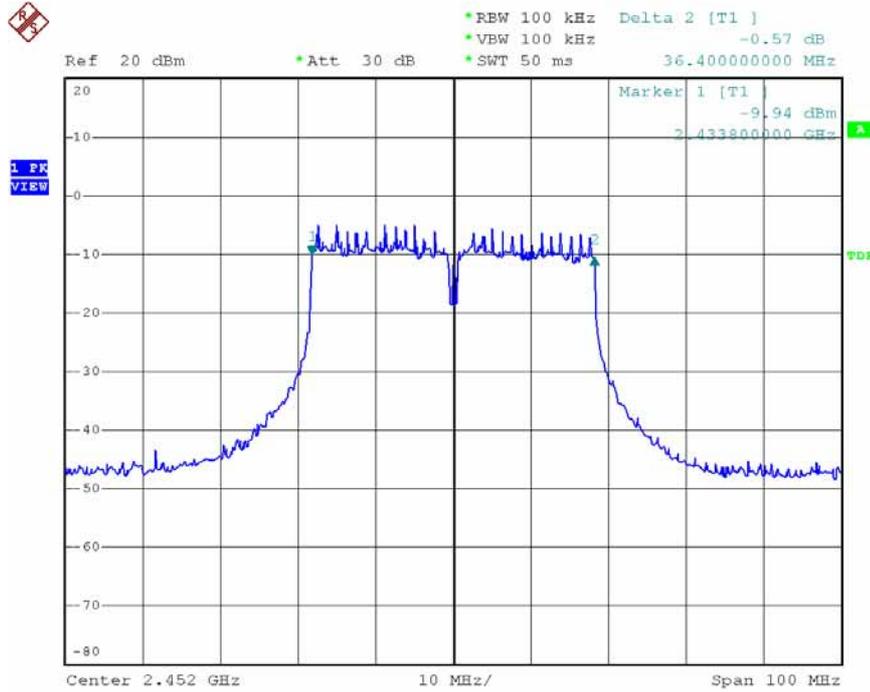
Date: 1.MAY.2008 17:42:41

Modulation Standard: 802.11gn, HT40 (13.5Mbps), ANT-ALL (ANT-M)
 Channel: 06



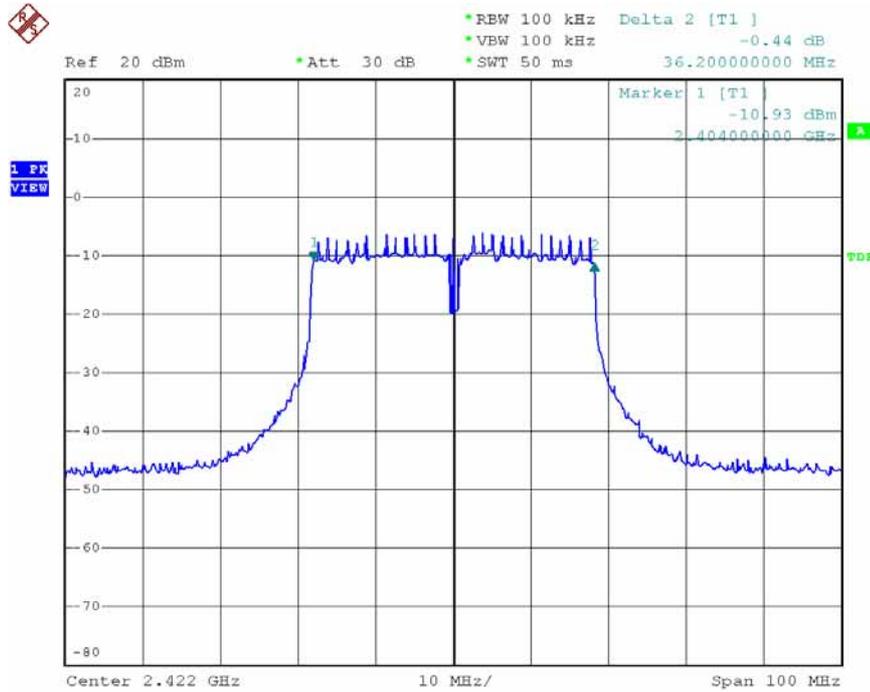
Date: 1.MAY.2008 17:47:34

Modulation Standard: 802.11gn, HT40 (13.5Mbps), ANT-ALL (ANT-M)
 Channel: 09



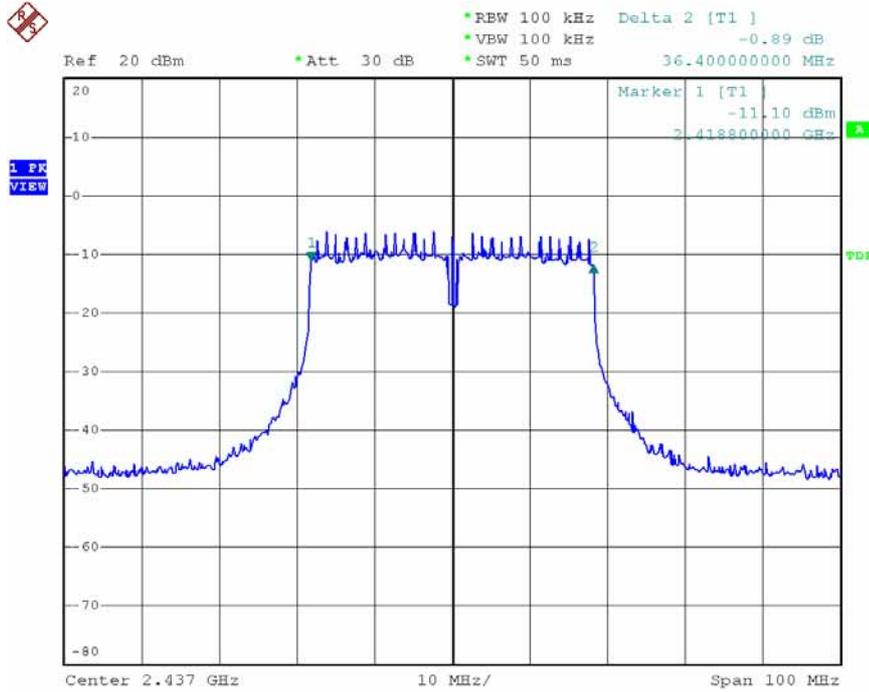
Date: 1.MAY.2008 17:51:24

Modulation Standard: 802.11gn, HT40 (13.5Mbps), ANT-ALL (ANT-R)
 Channel: 03



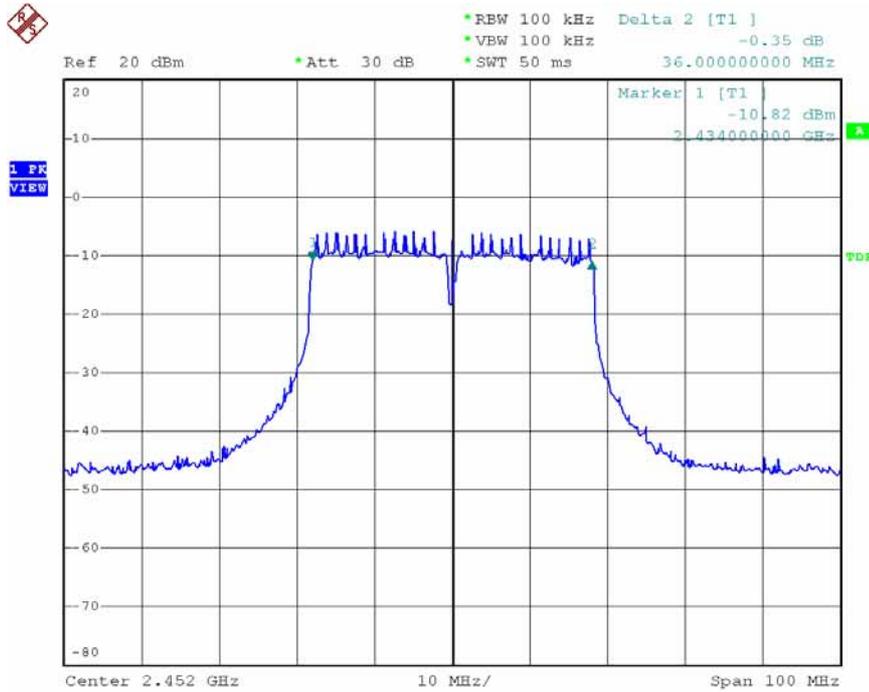
Date: 1.MAY.2008 17:44:46

Modulation Standard: 802.11gn, HT40 (13.5Mbps), ANT-ALL (ANT-R)
 Channel: 06



Date: 1.MAY.2008 17:46:21

Modulation Standard: 802.11gn, HT40 (13.5Mbps), ANT-ALL (ANT-R)
 Channel: 09



Date: 1.MAY.2008 17:53:20

7. Maximum Peak Output Power (For 802.11b/g device)

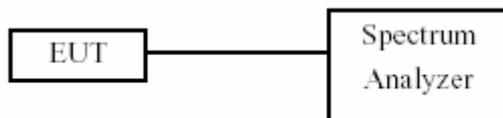
7.1 Test Limit

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 List of Measuring Equipment Used

Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date	Valid Date.
Spectrum Analyzer	FSP40	R&S	100047	2008/02/22	2009/02/21

7.5 Test Result and Data

- (1) Modulation Standard: IEEE 802.11b (11Mbps), ANT-L

Test Date: May. 05, 2008 Temperature: 20 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	Peak Power Output (dBm)	Peak Power Output (mW)
01	2412	21.56	143.20
06	2437	21.51	141.60
11	2462	22.03	159.60

- (2) Modulation Standard: IEEE 802.11g (6Mbps), ANT-L

Test Date: May. 05, 2008 Temperature: 20 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	Peak Power Output (dBm)	Peak Power Output (mW)
01	2412	21.38	137.40
06	2437	21.36	136.80
11	2462	21.93	156.00

- (3) Modulation Standard: IEEE 802.11b (11Mbps), ANT-M

Test Date: May. 05, 2008 Temperature: 20 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	Peak Power Output (dBm)	Peak Power Output (mW)
01	2412	22.03	159.60
06	2437	21.84	152.80
11	2462	21.88	151.40

- (4) Modulation Standard: IEEE 802.11g (6Mbps), ANT-M

Test Date: May. 05, 2008 Temperature: 20 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	Peak Power Output (dBm)	Peak Power Output (mW)
01	2412	22.29	169.40
06	2437	21.48	140.60
11	2462	21.60	144.50

- (5) Modulation Standard: IEEE 802.11b (11Mbps), ANT-R

Test Date: May. 05, 2008 Temperature: 20 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	Peak Power Output (dBm)	Peak Power Output (mW)
01	2412	20.78	119.70
06	2437	20.27	106.40
11	2462	20.71	117.80

- (6) Modulation Standard: IEEE 802.11g (6Mbps), ANT-R

Test Date: May. 05, 2008 Temperature: 20 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	Peak Power Output (dBm)	Peak Power Output (mW)
01	2412	20.32	107.60
06	2437	20.22	105.20
11	2462	20.90	123.00

- (7) Modulation Standard: IEEE 802.11gn, HT20 (6.5Mbps), ANT-L + ANT-R

Test Date: May. 05, 2008 Temperature: 20 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	Peak Power Output (dBm)		Peak Power Output	
		ANT-L	ANT-R	Total (dBm)	Total (mW)
01	2412	21.09	20.02	23.60	228.99
06	2437	20.40	19.86	23.19	208.26
11	2462	21.25	20.58	23.94	247.64

- (8) Modulation Standard: IEEE 802.11gn, HT40 (13.5Mbps), ANT-L + ANT-R

Test Date: May. 05, 2008 Temperature: 20 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	Peak Power Output (dBm)		Peak Power Output	
		ANT-L	ANT-R	Total (dBm)	Total (mW)
03	2422	17.62	17.23	20.44	110.65
06	2437	17.88	17.33	20.62	115.45
09	2452	17.84	17.52	20.69	117.31

- (9) Modulation Standard: IEEE 802.11gn, HT20 (6.5Mbps), ANT-ALL

Test Date: May. 05, 2008 Temperature: 20 Humidity: 60% Atmospheric pressure: 1008 hPa

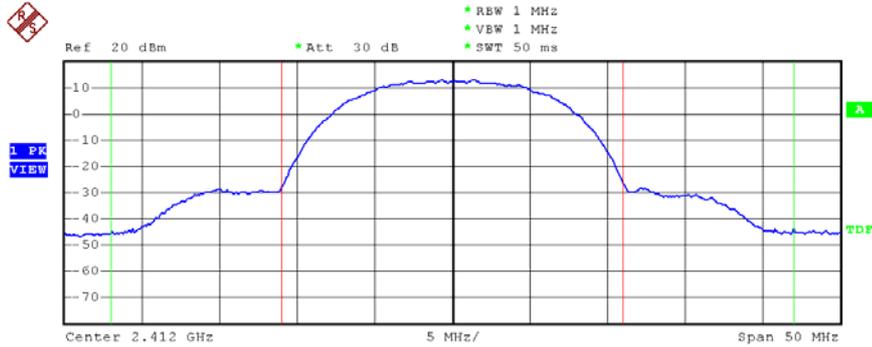
Channel	Frequency (MHz)	Peak Power Output (dBm)			Peak Power Output	
		ANT-L	ANT-M	ANT-R	Total (dBm)	Total (mW)
01	2412	20.39	21.98	21.45	26.09	406.79
06	2437	20.22	21.32	21.15	25.69	371.03
11	2462	20.86	21.66	21.61	26.16	413.33

- (10) Modulation Standard: IEEE 802.11gn, HT40 (13.5Mbps), ANT-ALL

Test Date: May. 05, 2008 Temperature: 20 Humidity: 60% Atmospheric pressure: 1008 hPa

Channel	Frequency (MHz)	Peak Power Output (dBm)			Peak Power Output	
		ANT-L	ANT-M	ANT-R	Total (dBm)	Total (mW)
03	2422	17.28	18.94	18.37	23.02	200.51
06	2437	17.47	18.80	18.60	23.10	204.15
09	2452	17.67	18.55	18.55	23.05	201.71

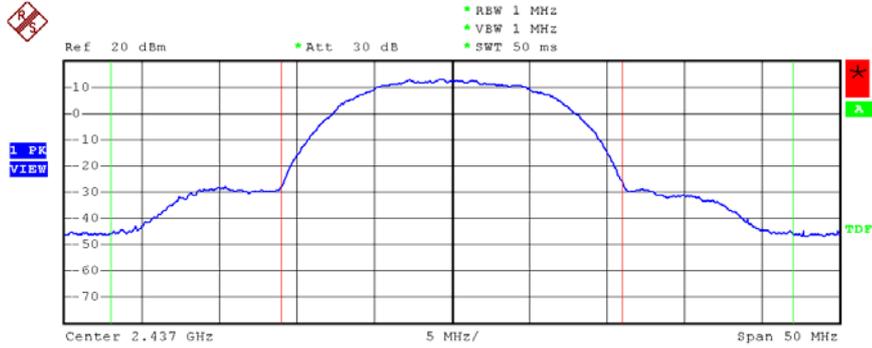
Modulation Standard: 802.11b (11Mbps), ANT-L
 Channel: 01



Tx Channel		WLAN 802.11B	
Bandwidth	22 MHz	Power	21.56 dBm
Adjacent Channel		Lower	-43.72 dB
Bandwidth	11 MHz	Upper	-44.12 dB
Spacing	16.5 MHz		
Alternate Channel		Lower	-----
Bandwidth	11 MHz	Upper	-----
Spacing	27.5 MHz		

Date: 5.MAY.2008 11:26:20

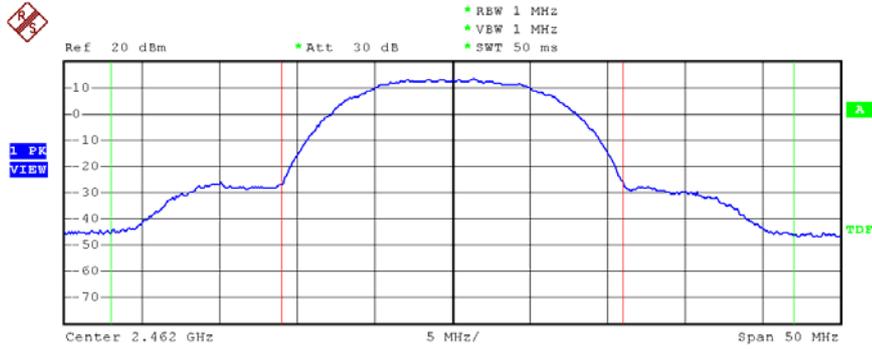
Modulation Standard: 802.11b (11Mbps), ANT-L
 Channel: 06



Tx Channel		WLAN 802.11B	
Bandwidth	22 MHz	Power	21.51 dBm
Adjacent Channel		Lower	-43.18 dB
Bandwidth	11 MHz	Upper	-44.40 dB
Spacing	16.5 MHz		
Alternate Channel		Lower	-----
Bandwidth	11 MHz	Upper	-----
Spacing	27.5 MHz		

Date: 5.MAY.2008 11:27:04

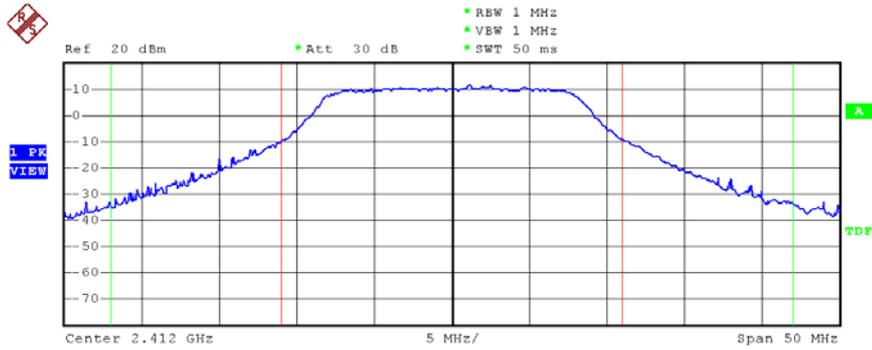
Modulation Standard: 802.11b (11Mbps), ANT-L
 Channel: 11



Tx Channel		WLAN 802.11B	
Bandwidth	22 MHz	Power	22.03 dBm
Adjacent Channel		Lower	-42.11 dB
Bandwidth	11 MHz	Upper	-43.76 dB
Spacing	16.5 MHz		
Alternate Channel		Lower	-----
Bandwidth	11 MHz	Upper	-----
Spacing	27.5 MHz		

Date: 5.MAY.2008 11:29:36

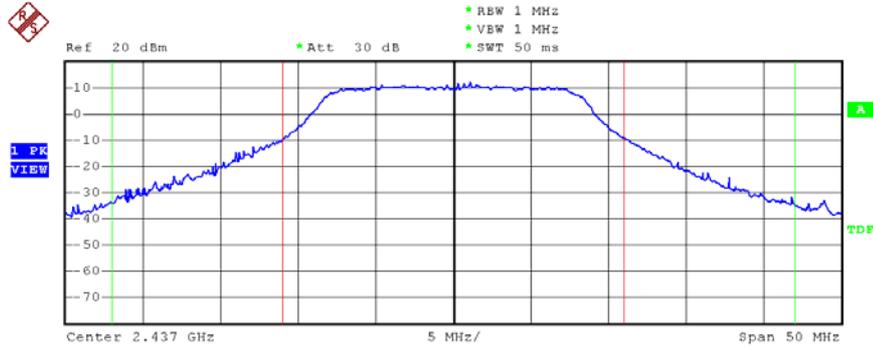
Modulation Standard: 802.11g (6Mbps), ANT-L
 Channel: 01



Tx Channel		WLAN 802.11B	
Bandwidth	22 MHz	Power	21.38 dBm
Adjacent Channel		Lower	-29.57 dB
Bandwidth	11 MHz	Upper	-29.24 dB
Spacing	16.5 MHz		
Alternate Channel		Lower	-----
Bandwidth	11 MHz	Upper	-----
Spacing	27.5 MHz		

Date: 5.MAY.2008 11:30:43

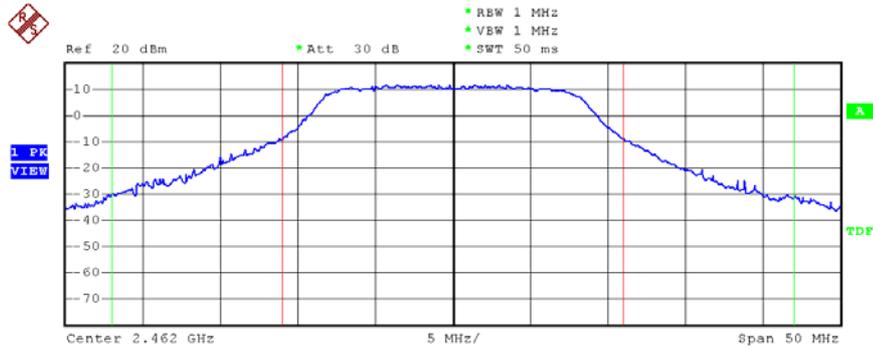
Modulation Standard: 802.11g (6Mbps), ANT-L
 Channel: 06



Tx Channel		WLAN 802.11B	
Bandwidth	22 MHz	Power	21.36 dBm
Adjacent Channel		Lower	-29.17 dB
Bandwidth	11 MHz	Upper	-29.50 dB
Spacing	16.5 MHz		
Alternate Channel		Lower	-----
Bandwidth	11 MHz	Upper	-----
Spacing	27.5 MHz		

Date: 5.MAY.2008 11:31:40

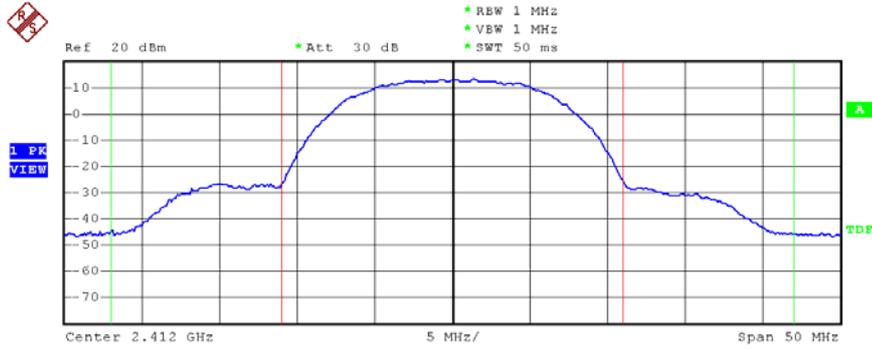
Modulation Standard: 802.11g (6Mbps), ANT-L
 Channel: 11



Tx Channel		WLAN 802.11B	
Bandwidth	22 MHz	Power	21.93 dBm
Adjacent Channel		Lower	-28.77 dB
Bandwidth	11 MHz	Upper	-29.59 dB
Spacing	16.5 MHz		
Alternate Channel		Lower	-----
Bandwidth	11 MHz	Upper	-----
Spacing	27.5 MHz		

Date: 5.MAY.2008 11:33:09

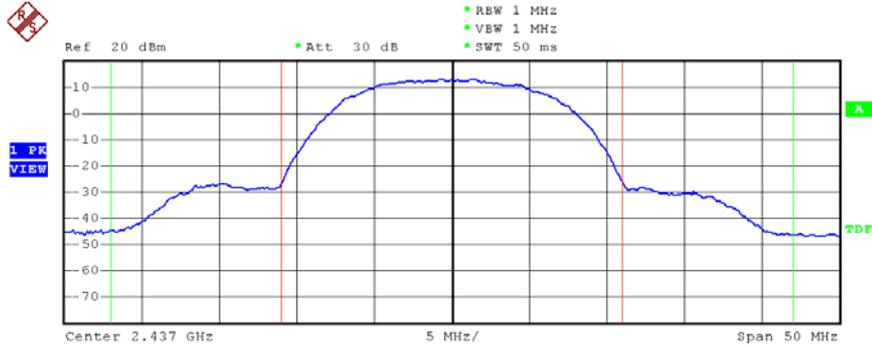
Modulation Standard: 802.11b (11Mbps), ANT-M
 Channel: 01



Tx Channel		WLAN 802.11B	
Bandwidth	22 MHz	Power	22.03 dBm
Adjacent Channel		Lower	-41.93 dB
Bandwidth	11 MHz	Upper	-44.10 dB
Spacing	16.5 MHz		
Alternate Channel		Lower	-----
Bandwidth	11 MHz	Upper	-----
Spacing	27.5 MHz		

Date: 5.MAY.2008 11:18:15

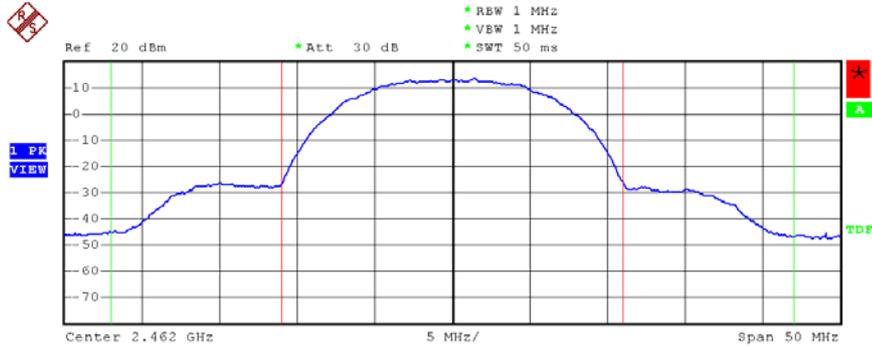
Modulation Standard: 802.11b (11Mbps), ANT-M
 Channel: 06



Tx Channel		WLAN 802.11B	
Bandwidth	22 MHz	Power	21.84 dBm
Adjacent Channel		Lower	-42.05 dB
Bandwidth	11 MHz	Upper	-44.01 dB
Spacing	16.5 MHz		
Alternate Channel		Lower	-----
Bandwidth	11 MHz	Upper	-----
Spacing	27.5 MHz		

Date: 5.MAY.2008 11:20:06

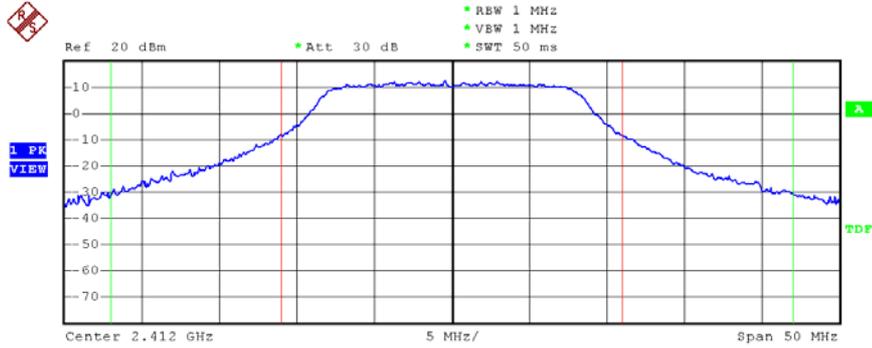
Modulation Standard: 802.11b (11Mbps), ANT-M
 Channel: 11



Tx Channel		WLAN 802.11B	
Bandwidth	22 MHz	Power	21.88 dBm
Adjacent Channel		Lower	-41.46 dB
Bandwidth	11 MHz	Upper	-43.37 dB
Spacing	16.5 MHz		
Alternate Channel		Lower	-----
Bandwidth	11 MHz	Upper	-----
Spacing	27.5 MHz		

Date: 5.MAY.2008 11:20:55

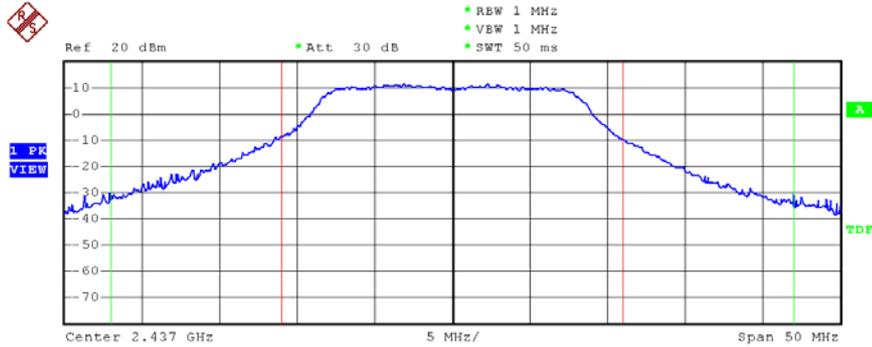
Modulation Standard: 802.11g (6Mbps), ANT-M
 Channel: 01



Tx Channel		WLAN 802.11B	
Bandwidth	22 MHz	Power	22.29 dBm
Adjacent Channel		Lower	-29.21 dB
Bandwidth	11 MHz	Upper	-29.31 dB
Spacing	16.5 MHz		
Alternate Channel		Lower	-----
Bandwidth	11 MHz	Upper	-----
Spacing	27.5 MHz		

Date: 5.MAY.2008 11:22:47

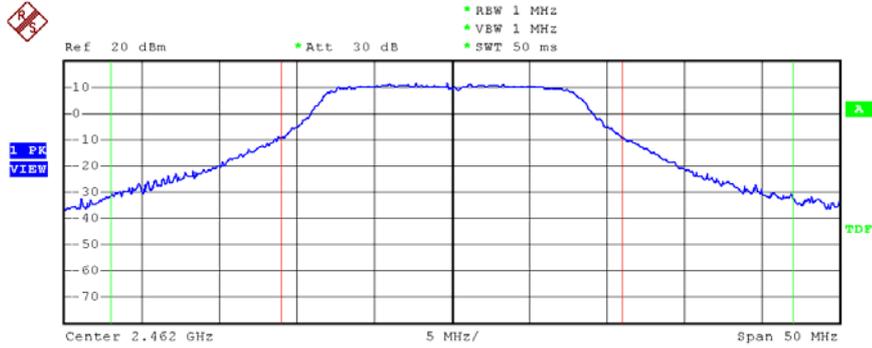
Modulation Standard: 802.11g (6Mbps), ANT-M
 Channel: 06



Tx Channel		WLAN 802.11B	
Bandwidth	22 MHz	Power	21.48 dBm
Adjacent Channel		Lower	-28.75 dB
Bandwidth	11 MHz	Upper	-29.85 dB
Spacing	16.5 MHz		
Alternate Channel		Lower	-----
Bandwidth	11 MHz	Upper	-----
Spacing	27.5 MHz		

Date: 5.MAY.2008 11:23:25

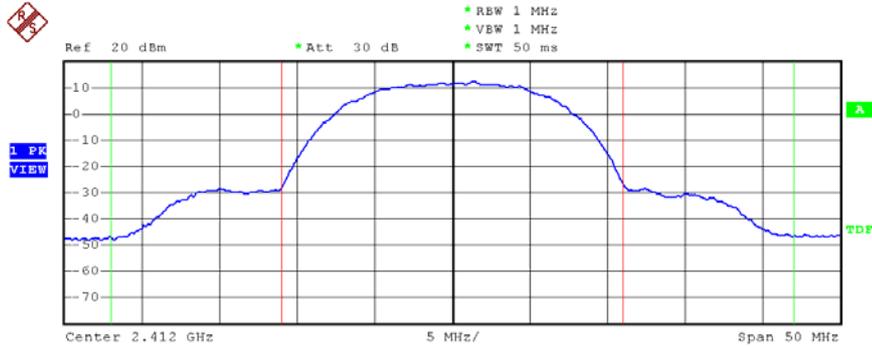
Modulation Standard: 802.11g (6Mbps), ANT-M
 Channel: 11



Tx Channel		WLAN 802.11B	
Bandwidth	22 MHz	Power	21.60 dBm
Adjacent Channel		Lower	-29.04 dB
Bandwidth	11 MHz	Upper	-29.51 dB
Spacing	16.5 MHz		
Alternate Channel		Lower	-----
Bandwidth	11 MHz	Upper	-----
Spacing	27.5 MHz		

Date: 5.MAY.2008 11:24:14

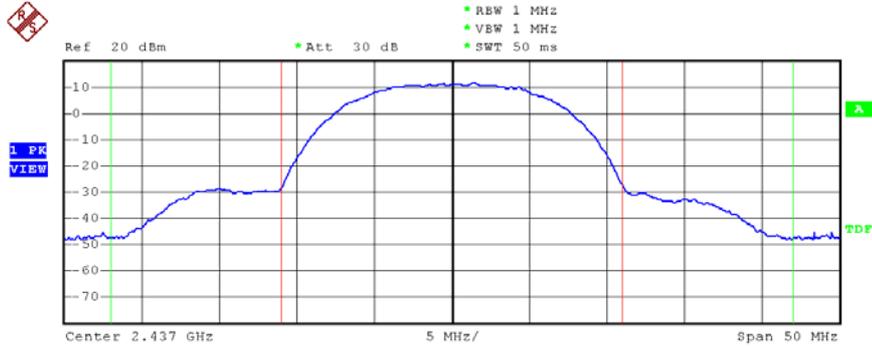
Modulation Standard: 802.11b (11Mbps), ANT-R
 Channel: 01



Tx Channel		WLAN 802.11B	
Bandwidth	22 MHz	Power	20.78 dBm
Adjacent Channel		Lower	-42.64 dB
Bandwidth	11 MHz	Upper	-43.29 dB
Spacing	16.5 MHz		
Alternate Channel		Lower	-----
Bandwidth	11 MHz	Upper	-----
Spacing	27.5 MHz		

Date: 5.MAY.2008 11:03:55

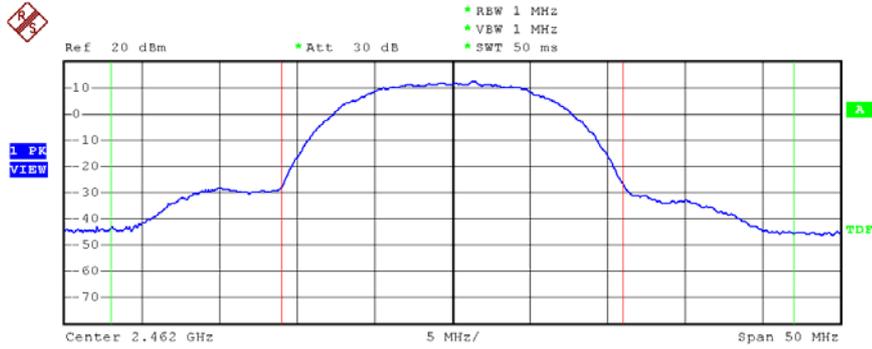
Modulation Standard: 802.11b (11Mbps), ANT-R
 Channel: 06



Tx Channel		WLAN 802.11B	
Bandwidth	22 MHz	Power	20.27 dBm
Adjacent Channel		Lower	-42.24 dB
Bandwidth	11 MHz	Upper	-44.63 dB
Spacing	16.5 MHz		
Alternate Channel		Lower	-----
Bandwidth	11 MHz	Upper	-----
Spacing	27.5 MHz		

Date: 5.MAY.2008 11:04:58

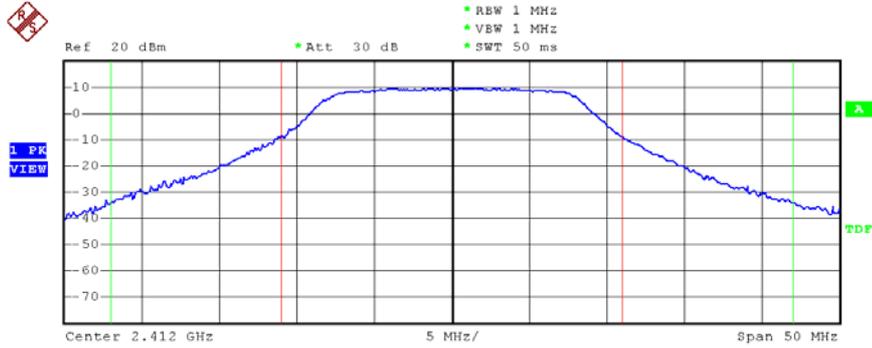
Modulation Standard: 802.11b (11Mbps), ANT-R
 Channel: 11



Tx Channel		WLAN 802.11B	
Bandwidth	22 MHz	Power	20.71 dBm
Adjacent Channel		Lower	-42.31 dB
Bandwidth	11 MHz	Upper	-45.40 dB
Spacing	16.5 MHz		
Alternate Channel		Lower	-----
Bandwidth	11 MHz	Upper	-----
Spacing	27.5 MHz		

Date: 5.MAY.2008 11:06:10

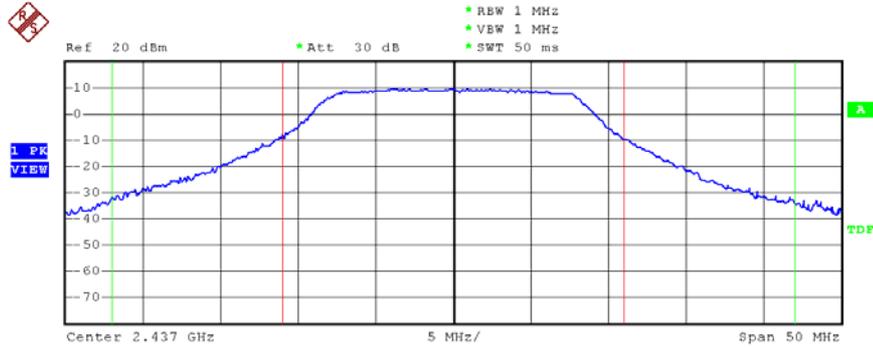
Modulation Standard: 802.11g (6Mbps), ANT-R
 Channel: 01



Tx Channel		WLAN 802.11B	
Bandwidth	22 MHz	Power	20.32 dBm
Adjacent Channel		Lower	-27.95 dB
Bandwidth	11 MHz	Upper	-28.19 dB
Spacing	16.5 MHz		
Alternate Channel		Lower	-----
Bandwidth	11 MHz	Upper	-----
Spacing	27.5 MHz		

Date: 5.MAY.2008 11:09:39

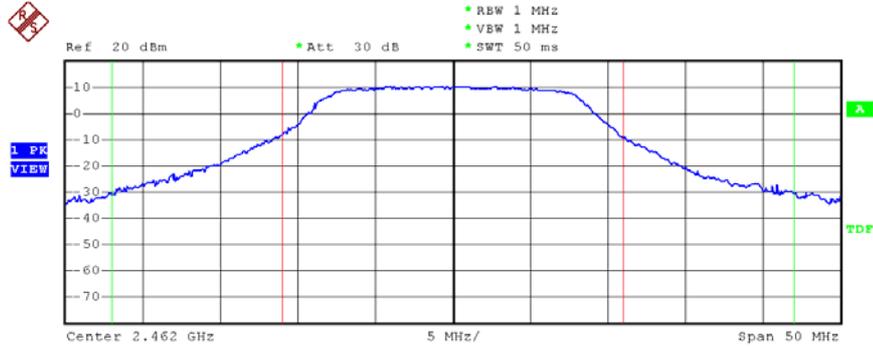
Modulation Standard: 802.11g (6Mbps), ANT-R
 Channel: 06



Tx Channel		WLAN 802.11B	
Bandwidth	22 MHz	Power	20.20 dBm
Adjacent Channel		Lower	-27.54 dB
Bandwidth	11 MHz	Upper	-28.65 dB
Spacing	16.5 MHz		
Alternate Channel		Lower	-----
Bandwidth	11 MHz	Upper	-----
Spacing	27.5 MHz		

Date: 5.MAY.2008 11:11:57

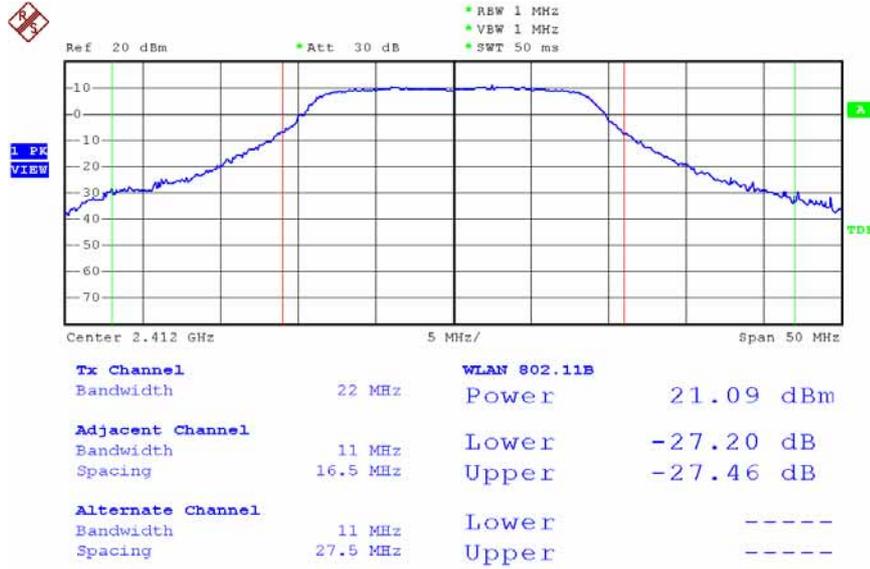
Modulation Standard: 802.11g (6Mbps), ANT-R
 Channel: 11



Tx Channel		WLAN 802.11B	
Bandwidth	22 MHz	Power	20.90 dBm
Adjacent Channel		Lower	-27.36 dB
Bandwidth	11 MHz	Upper	-28.73 dB
Spacing	16.5 MHz		
Alternate Channel		Lower	-----
Bandwidth	11 MHz	Upper	-----
Spacing	27.5 MHz		

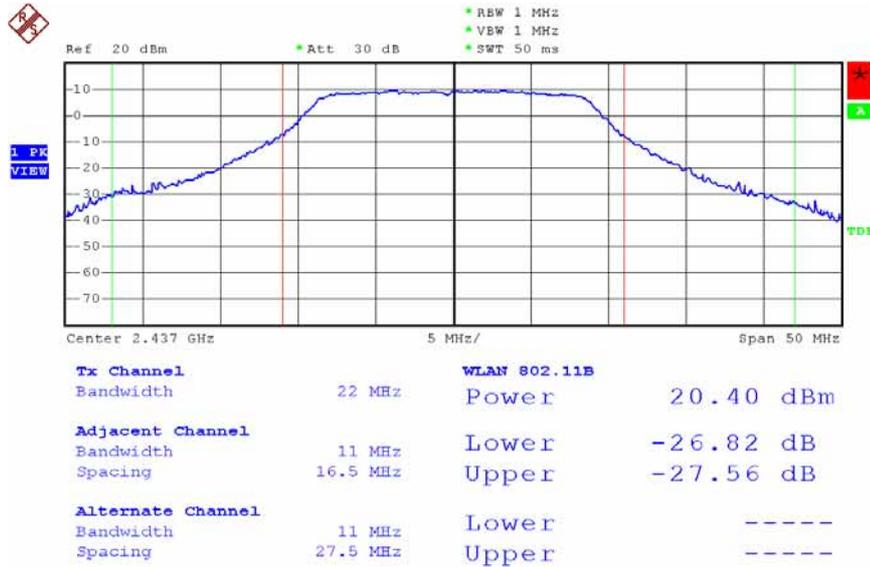
Date: 5.MAY.2008 11:14:10

Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-L + ANT-R (ANT-L)
 Channel: 01



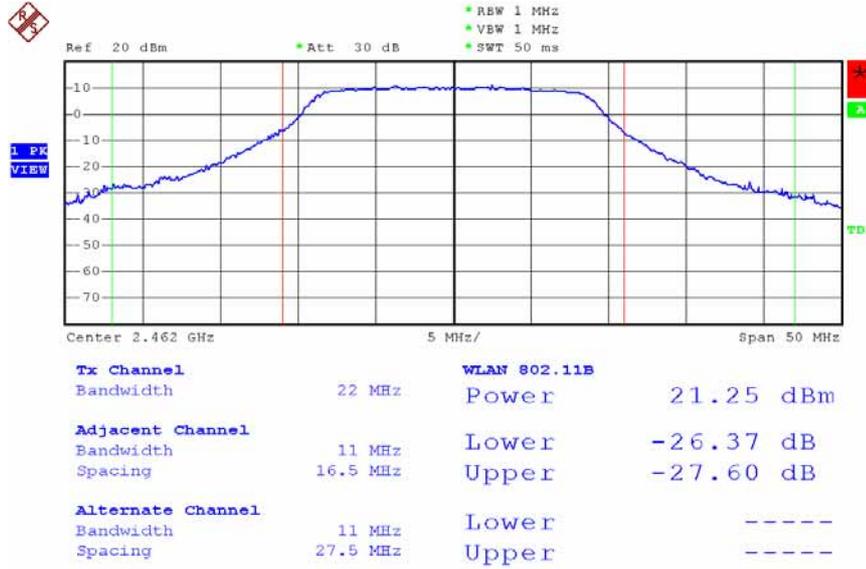
Date: 5.MAY.2008 11:37:51

Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-L + ANT-R (ANT-L)
 Channel: 06



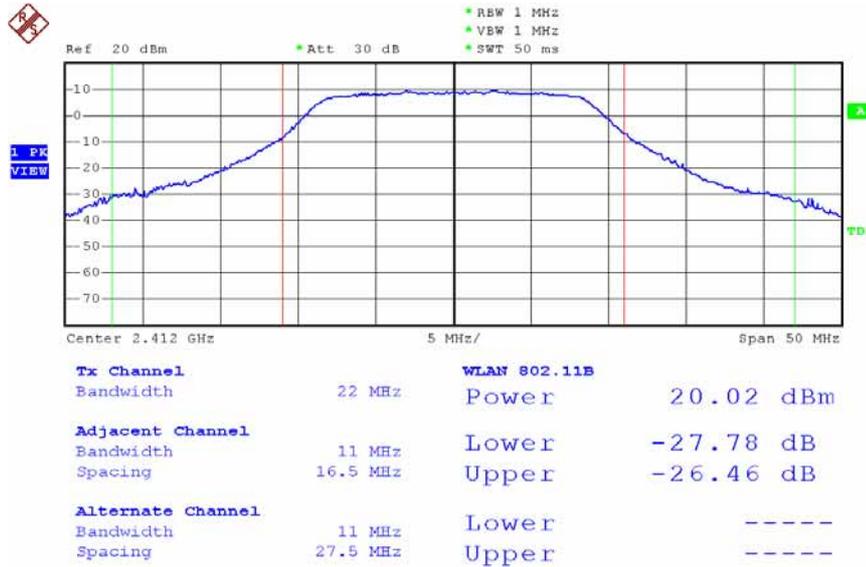
Date: 5.MAY.2008 11:38:36

Modulation Standard: 802.11gn, HT20, HT20 (6.5Mbps), ANT-L + ANT-R (ANT-L)
 Channel: 11



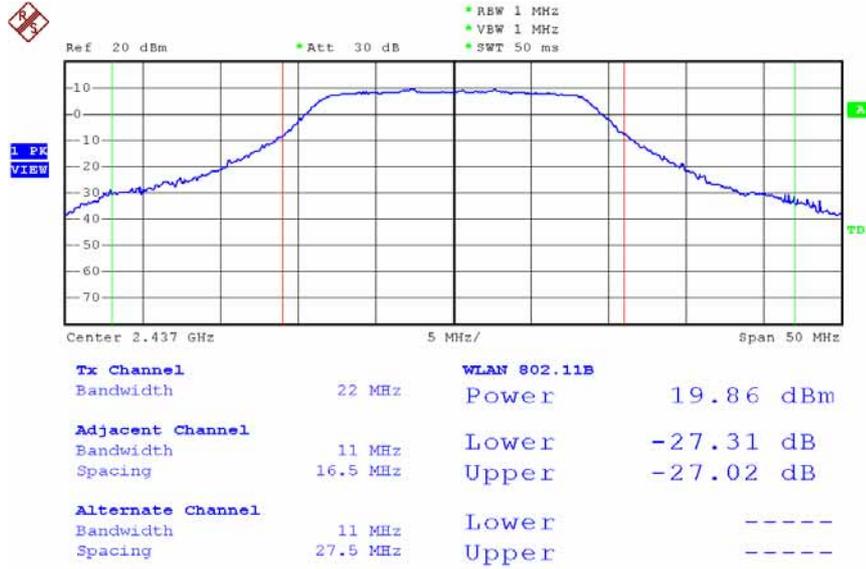
Date: 5.MAY.2008 11:39:47

Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-L + ANT-R (ANT-R)
 Channel: 01



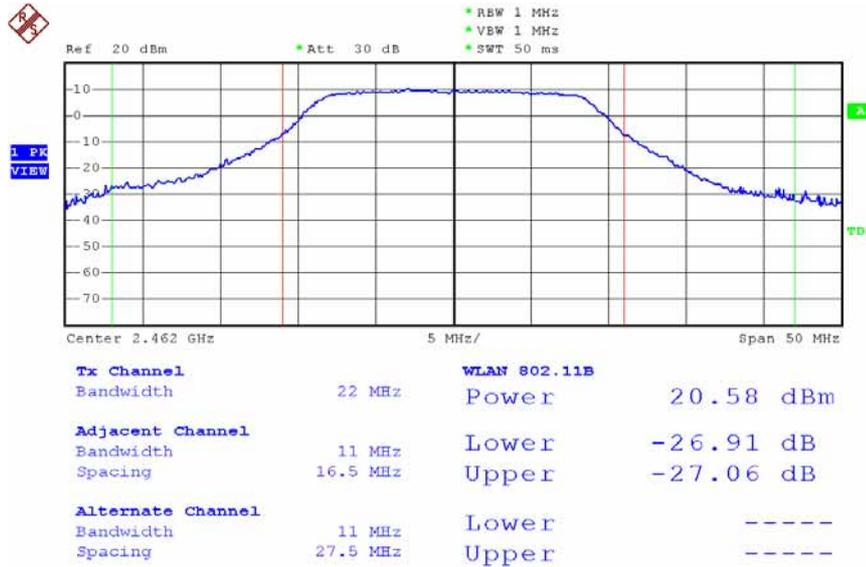
Date: 5.MAY.2008 11:43:53

Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-L + ANT-R (ANT-R)
 Channel: 06



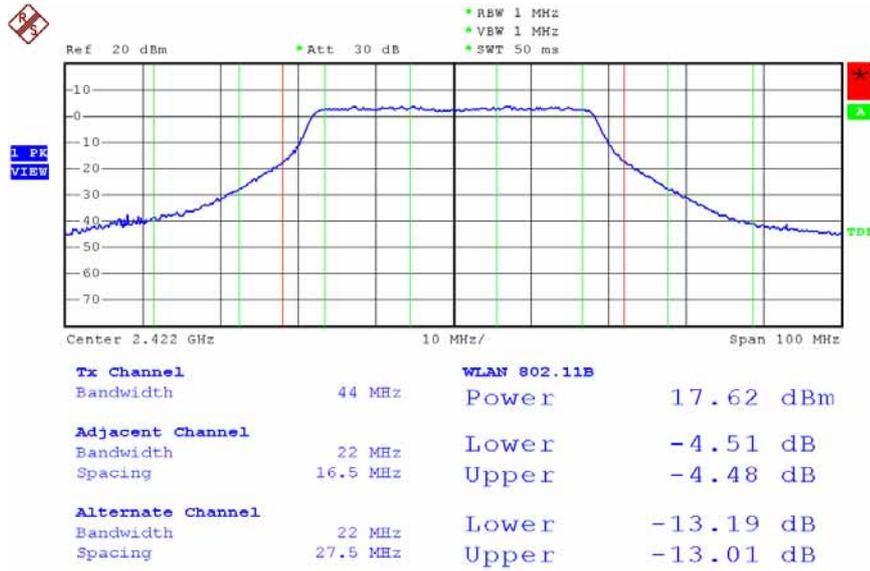
Date: 5.MAY.2008 11:41:46

Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-L + ANT-R (ANT-R)
 Channel: 11



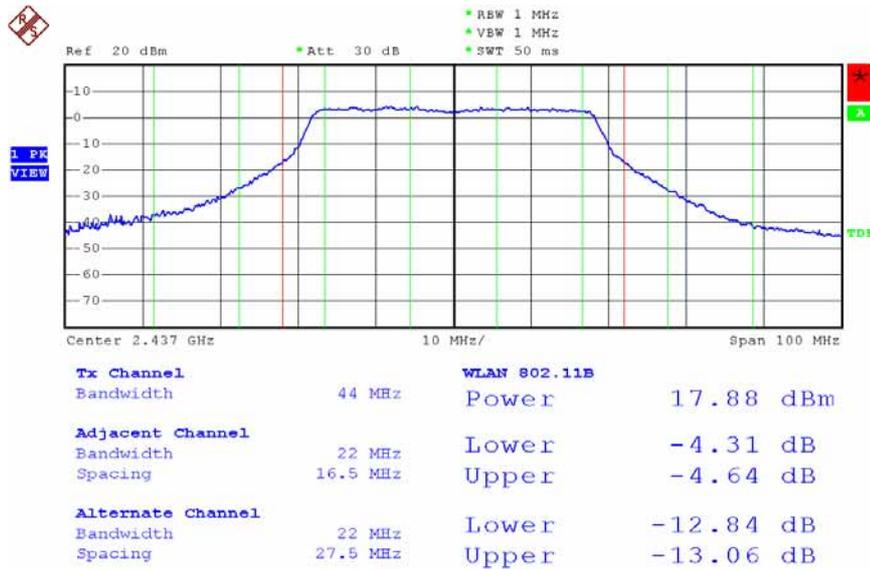
Date: 5.MAY.2008 11:40:52

Modulation Standard: 802.11gn, HT40 (13.5Mbps), ANT-L + ANT-R (ANT-L)
 Channel: 03



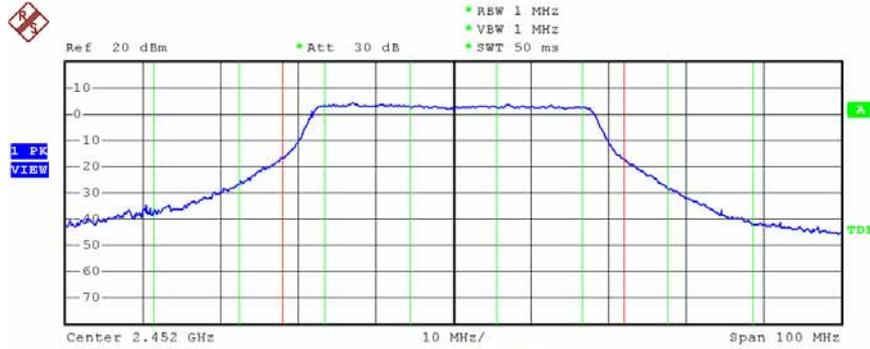
Date: 5.MAY.2008 11:51:41

Modulation Standard: 802.11gn, HT40 (13.5Mbps), ANT-L + ANT-R (ANT-L)
 Channel: 06



Date: 5.MAY.2008 11:50:23

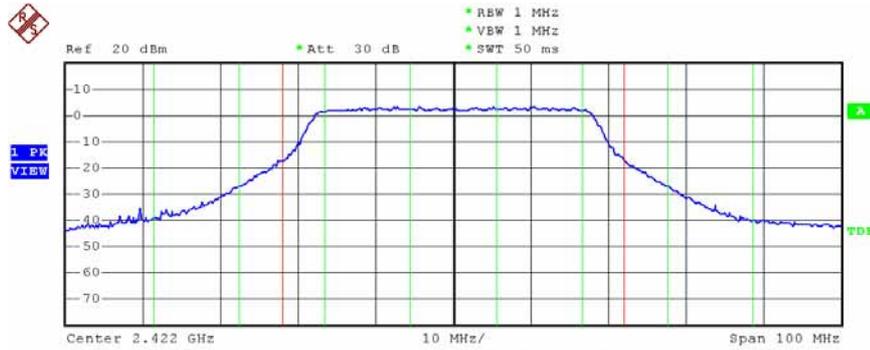
Modulation Standard: 802.11gn, HT40 (13.5Mbps), ANT-L + ANT-R (ANT-L)
 Channel: 09



Tx Channel		WLAN 802.11B	
Bandwidth	44 MHz	Power	17.84 dBm
Adjacent Channel		Lower	-4.27 dB
Bandwidth	22 MHz	Upper	-4.71 dB
Spacing	16.5 MHz		
Alternate Channel		Lower	-12.65 dB
Bandwidth	22 MHz	Upper	-13.06 dB
Spacing	27.5 MHz		

Date: 5.MAY.2008 11:49:37

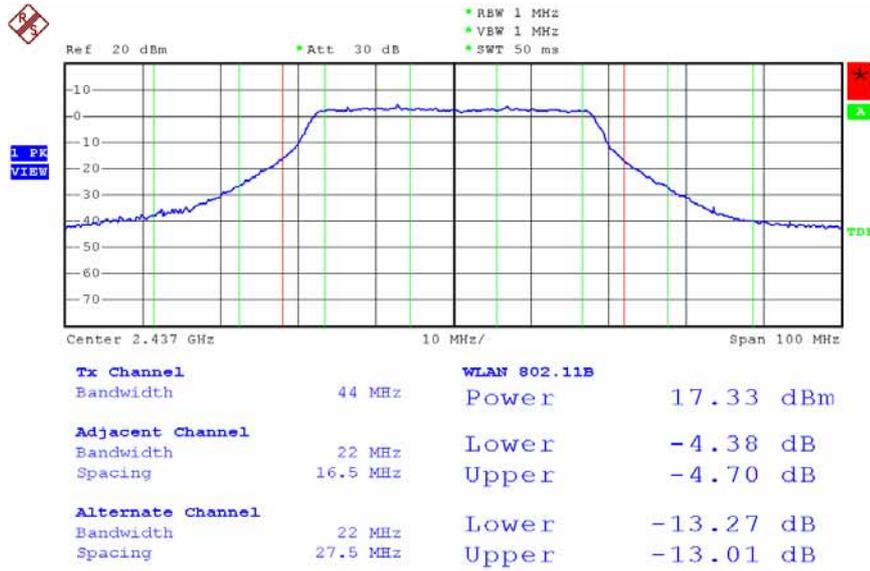
Modulation Standard: 802.11gn, HT40 (13.5Mbps), ANT-L + ANT-R (ANT-R)
 Channel: 03



Tx Channel		WLAN 802.11B	
Bandwidth	44 MHz	Power	17.23 dBm
Adjacent Channel		Lower	-4.74 dB
Bandwidth	22 MHz	Upper	-4.45 dB
Spacing	16.5 MHz		
Alternate Channel		Lower	-13.57 dB
Bandwidth	22 MHz	Upper	-12.98 dB
Spacing	27.5 MHz		

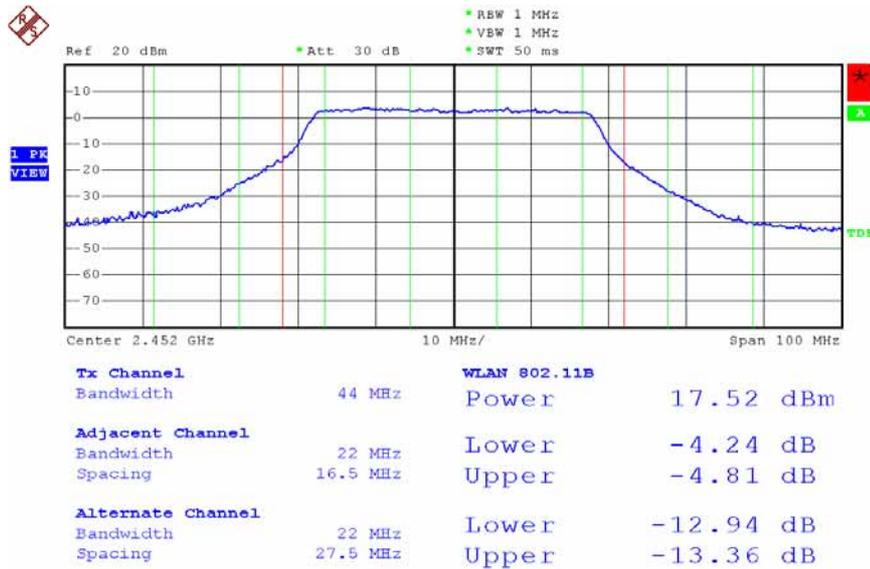
Date: 5.MAY.2008 11:45:55

Modulation Standard: 802.11gn, HT40 (13.5Mbps), ANT-L + ANT-R (ANT-R)
 Channel: 06



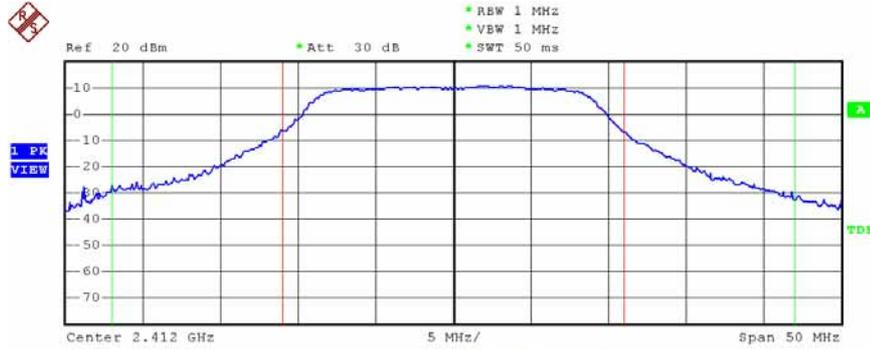
Date: 5.MAY.2008 11:47:19

Modulation Standard: 802.11gn, HT40 (13.5Mbps), ANT-L + ANT-R (ANT-R)
 Channel: 09



Date: 5.MAY.2008 11:48:38

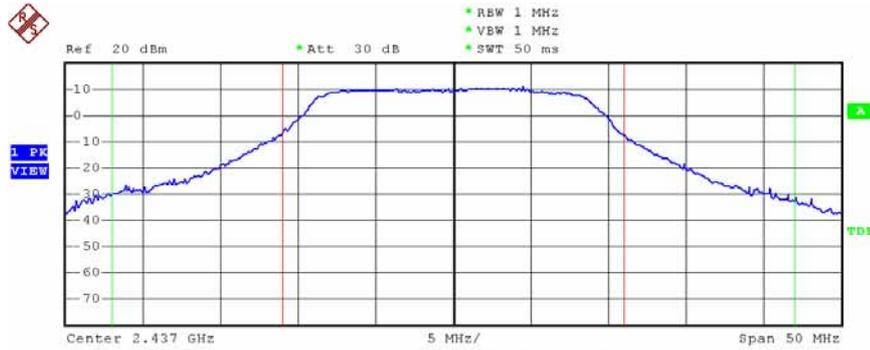
Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-ALL (ANT-L)
 Channel: 01



Tx Channel		WLAN 802.11B	
Bandwidth	22 MHz	Power	21.45 dBm
Adjacent Channel		Lower	-27.36 dB
Bandwidth	11 MHz	Upper	-27.59 dB
Spacing	16.5 MHz		
Alternate Channel		Lower	-----
Bandwidth	11 MHz	Upper	-----
Spacing	27.5 MHz		

Date: 5.MAY.2008 11:57:19

Modulation Standard: 802.11gn, HT20 (6.5Mbps), ANT-ALL (ANT-L)
 Channel: 06



Tx Channel		WLAN 802.11B	
Bandwidth	22 MHz	Power	21.15 dBm
Adjacent Channel		Lower	-27.20 dB
Bandwidth	11 MHz	Upper	-28.08 dB
Spacing	16.5 MHz		
Alternate Channel		Lower	-----
Bandwidth	11 MHz	Upper	-----
Spacing	27.5 MHz		

Date: 5.MAY.2008 11:58:33