FCC TEST REPORT

according to

FCC Rules and Regulations

Part 15 Subpart E

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

Testing Laboratory
1332

- The test result refers exclusively to the test presented test model / sample.,
- The test result does not include DFS test for 5250 ~ 5350 MHz.
- Without written approval of ***E**xclusive **C**ertification **C**orp.* 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

CERTIFICATE OF COMPLIANCE

according to

FCC Rules and Regulations

Part 15 Subpart E

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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 E (2007).**

The test was carried out on May. 08, 2008 at ***E**xclusive **C**ertification **C**orp.*

Signature

Anson Chou / Manager

1. Report of Measurements and Examinations

1.1. List of Measurements and Examinations

For Frequency 5.15GHz ~ 5.25GHZ

Applied Standard : FCC Part 15, Subpart E (Section 15.407)		
FCC Rule	. Description of Test	Result
15.407(b)(5)	. Conducted Emission	Pass
15.407(b/1/2/3)(b)(5)	. Radiated Emission	Pass
15.407(a/1/2/3)	. Peak Transmit Power	Pass
15.407(a)(6)	. Peak Power Excursion	Pass
15.407(a/1/2/3)	. Peak Power Spectral Density	Pass
15.407(g)	. Frequency Stability	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. Carrier Frequency of Channels

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

2.4. 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.

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. The PC sends “H” messages to the printer.
7. Repeat the steps from 2 to 6.

d. The following test mode and test software was performed for conduction and radiation test:

- 802.11a:
  CH 36: 5180MHz, CH 44: 5220MHz, CH 48: 5240MHz
- 802.11an, HT20
  CH 36: 5180MHz, CH 44: 5220MHz, CH 48: 5240MHz
- 802.11an, HT40
  CH 38: 5190MHz, CH 42: 5210MHz, CH 46: 5230MHz

e. The following test mode included three kinds of power supply, three kinds of antenna, and four kind 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

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.

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

2.5. Description of Test System

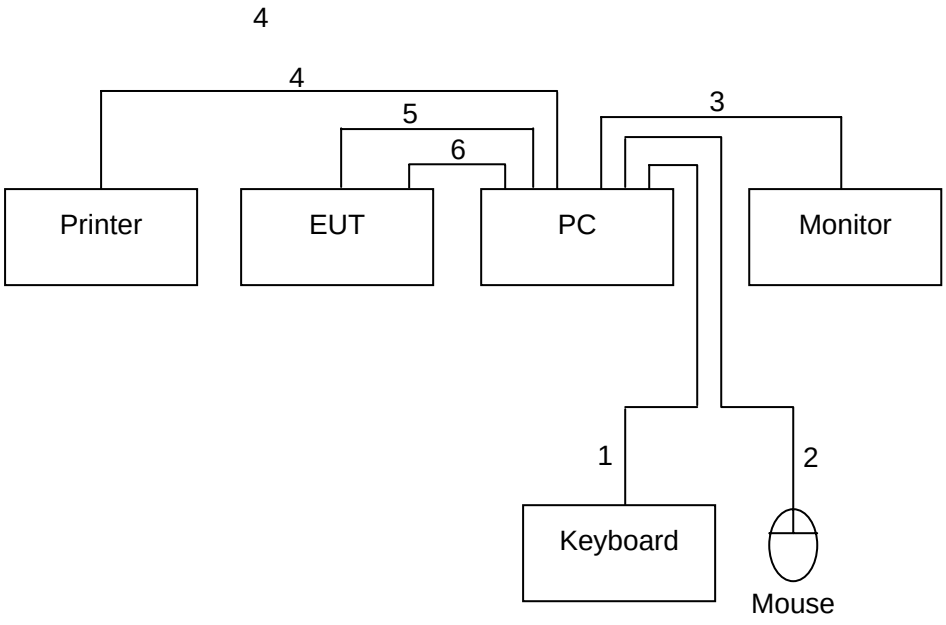
Device	Manufacturer	Model No.	Description
PC	IBM	IGV	Power Cable, Unshielding 1.8 m
Monitor	SlimAGE	510A	Power Cable, Adapter Unshielding 1.8 m Data Cable, VGA Shielding 1.35 m
Keyboard	IBM	KB-0225	Data Cable, PS2 Shielding 1.85 m
Mouse	IBM	MO28VO	Data Cable, USB Shielding 1.85 m
Modem	ACEXX	DM-1414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

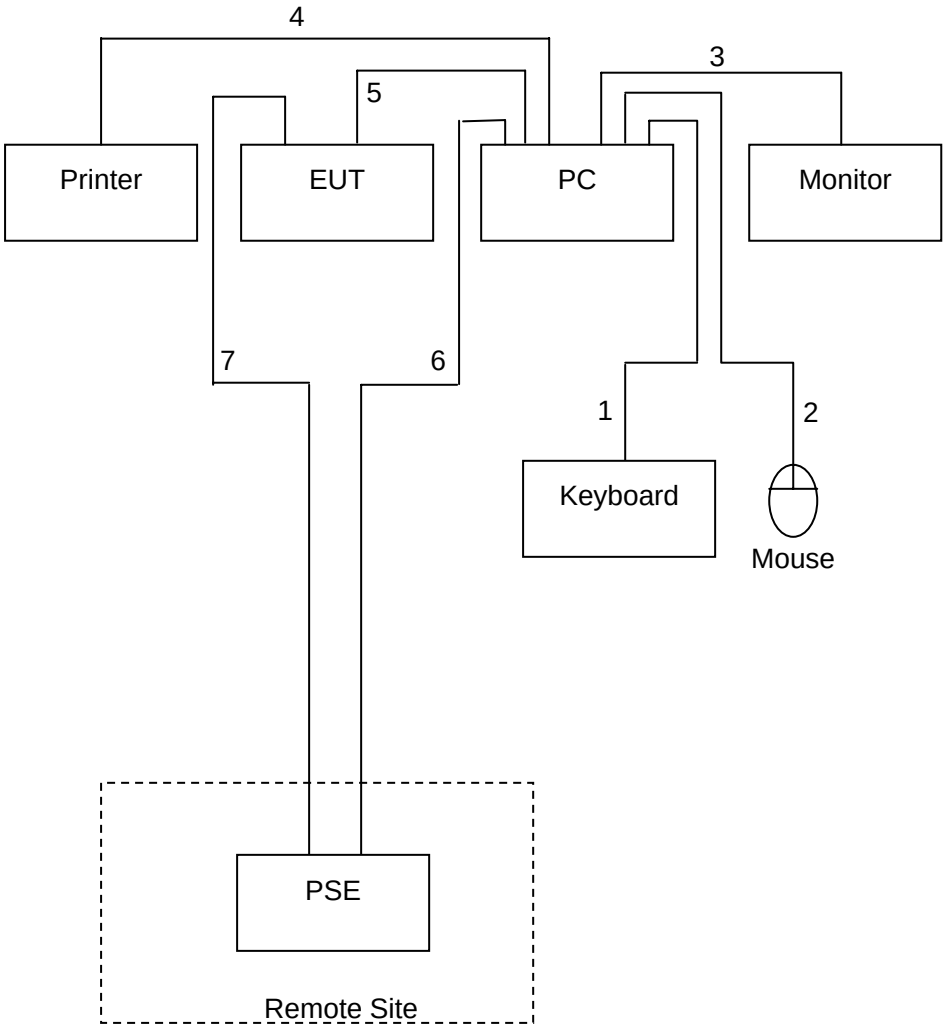
2.6. Connection Diagram of Test System

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 E
Frequency Range Investigated:	AC Power Conducted Emission : from 150kHz to 30 MHz Radiated and conducted Emission: from 30 MHz to 40 GHz
Test Distance:	The test distance of radiated emission from antenna to EUT is 3 M.

2.8. History of this test report

■ ORIGINAL.

☐ Additional attachment as following record:

Attachment No.	Issue Date	Description

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 15.407 (a), 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

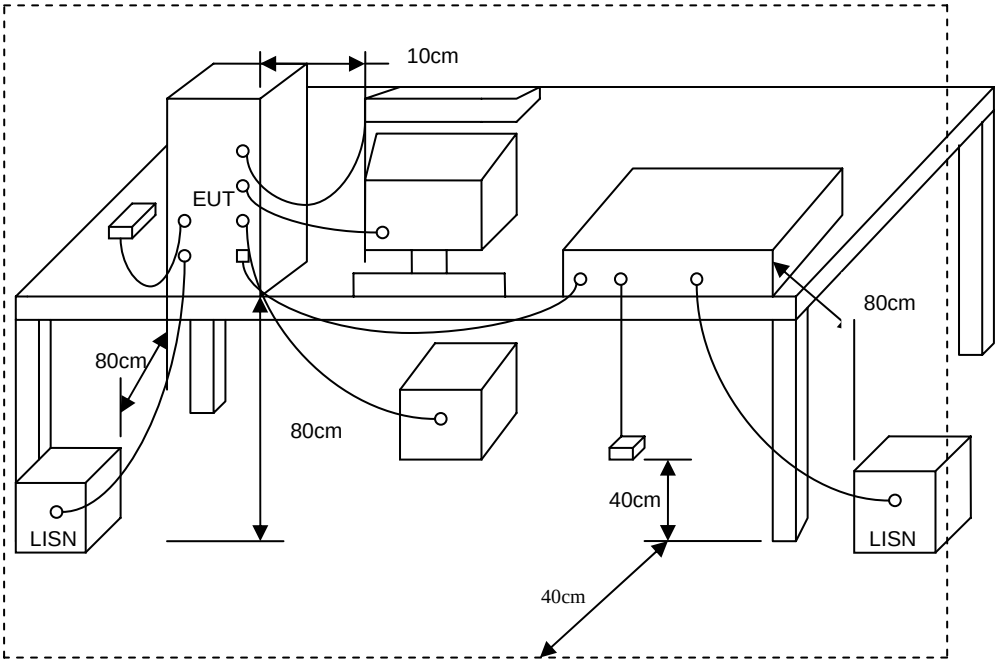
4. Test of Conducted Emission

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 1.3.1. The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position produced maximum conducted emissions.

4.1. Test Procedures

a. 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.
b. Connect EUT to the power mains through a line impedance stabilization network (LISN).
c. All the support units are connecting to the other LISN.
d. The LISN provides 50 ohm coupling impedance for the measuring instrument.
e. The FCC states that a 50 ohm, 50 micro-Henry LISN should be used.
f. Both sides of AC line were checked for maximum conducted interference.
g. The frequency range from 150 kHz to 30 MHz was searched.
h. Set the test-receiver system to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.

4.2. Typical Test Setup Layout of Conducted Emission



4.3. Conducted Emission Requirement

Except for A digital devices, for equpment that is designed to be connected to the public utility (AC) power line on any frequency voltage that is conducted back onto the AC power line on ant frequency or frequencies within the band 150KHz to 30MHz shall not exceed the limits in the following table, as measured using a 50μH/50 ohms line impeddance stabilization network (LISN). Compliance with the provisions of this paragraph shall be based on the measurement of the Radio frequency voltage between each power line and ground at the power terminal. The lower limit applies at the band edges.

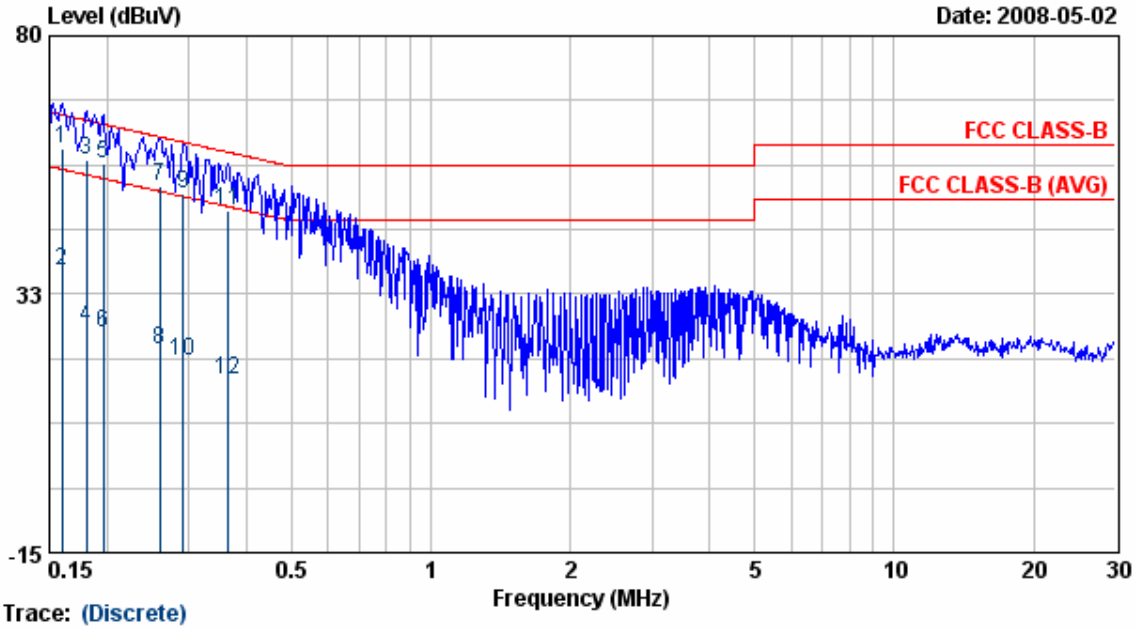
Frequency (MHz)	Quasi Peak (dB μ V)	Average (dB μ V)
0.15 – 0.5	66-56*	56-46*
0.5 – 5.0	56	46
5.0 – 30.0	60	50

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	2007/05/14	2008/05/13
LISN	NNB-2/16Z	ROLF HEINE	03/10058	2007/04/19	2008/04/18

4.5. Test Result and Data

Power	:	AC 120V	Pol/Phase	:	LINE
Test Mode 1	:	802.11a CH36	Temperature	:	24 °C
Memo	:	DSA-20P-10 US 120180	Humidity	:	56 %

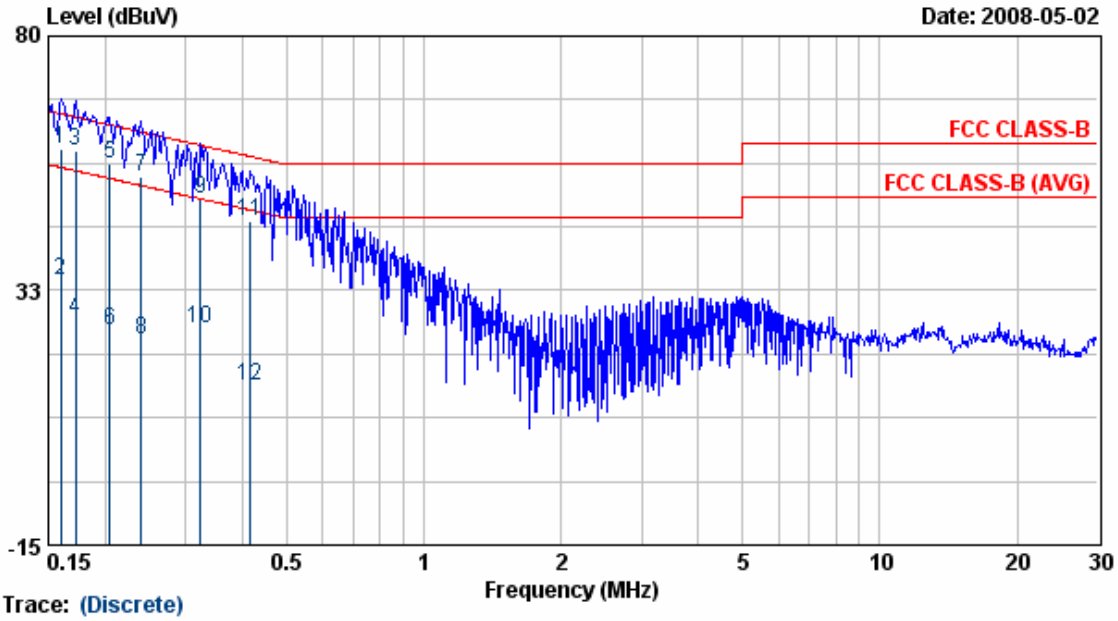


Trace: (Discrete)

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: 1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences,all spurious emission of 802.11a mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
4. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	NEUTRAL
Test Mode 1	:	802.11a CH36	Temperature	:	24 °C
Memo	:	DSA-20P-10 US 120180	Humidity	:	56 %

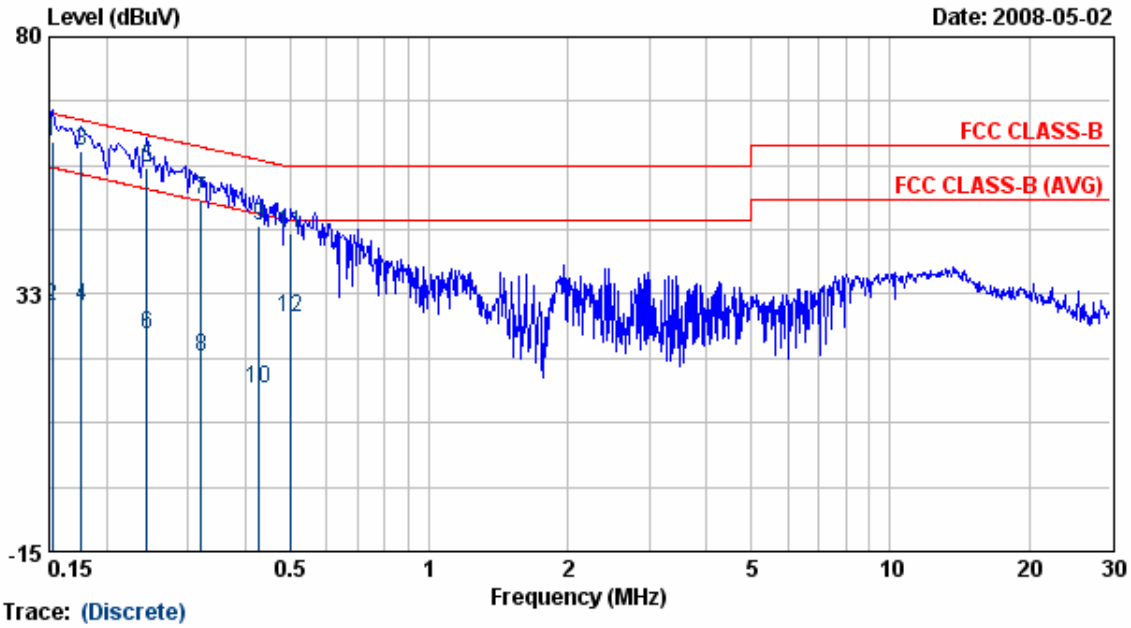


Trace: (Discrete)

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. According to technical experiences,all spurious emission of 802.11a mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
4. The data is worse case.

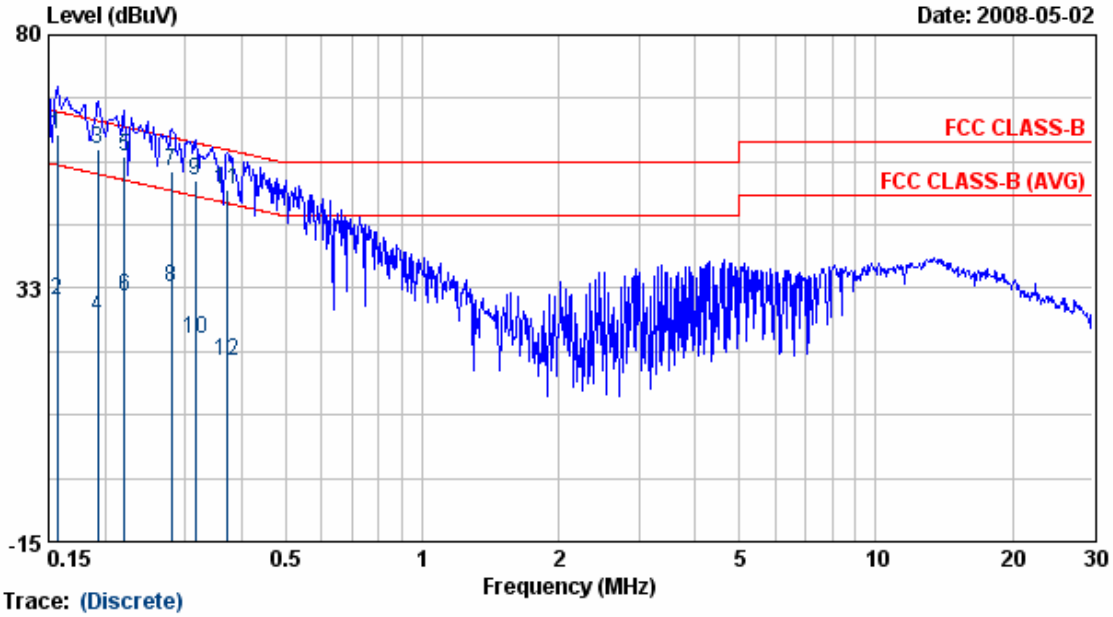
Power	:	AC 120V	Pol/Phase	:	LINE
Test Mode 2	:	802.11an, HT20, CH36	Temperature	:	24 °C
Memo	:	DSA-20P-10 US 120180	Humidity	:	56 %



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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
4. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	NEUTRAL
Test Mode 2	:	802.11an, HT20, CH36	Temperature	:	24 °C
Memo	:	DSA-20P-10 US 120180	Humidity	:	56 %

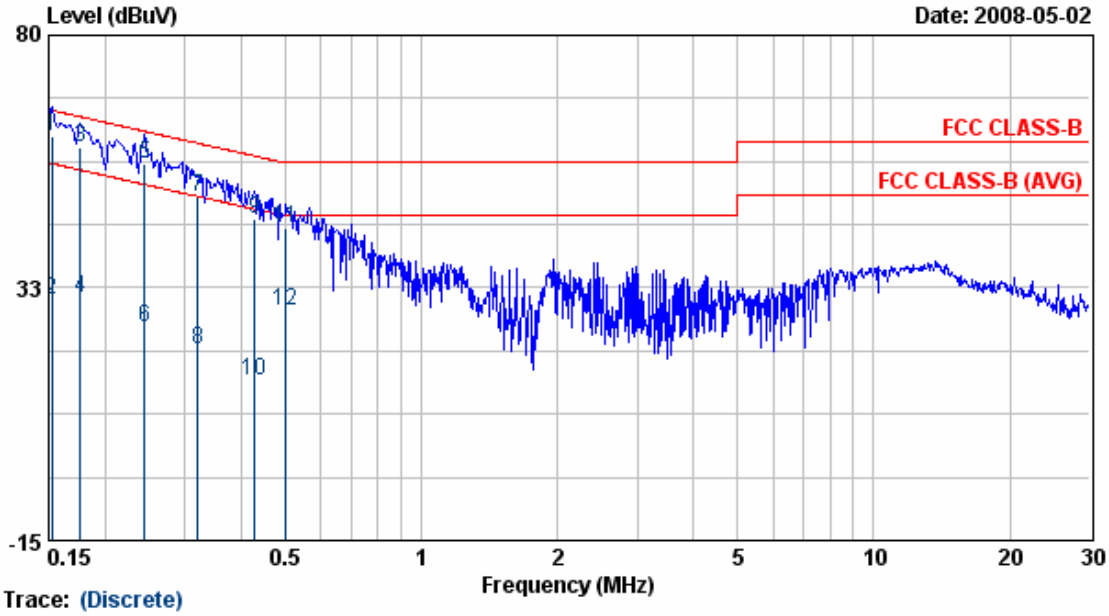


Trace: (Discrete)

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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
4. The data is worse case.

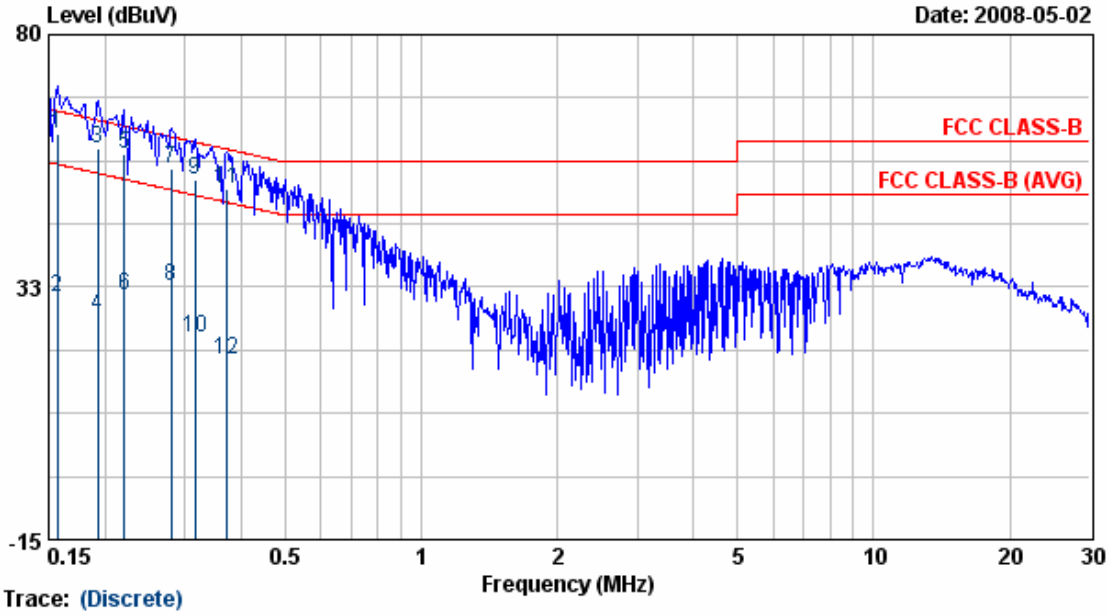
Power	:	AC 120V	Pol/Phase	:	LINE
Test Mode 3	:	802.11an, HT40, CH38	Temperature	:	24 °C
Memo	:	DSA-20P-10 US 120180	Humidity	:	56 %



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	30.24	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 was chosen as representative in final test.
4. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	NEUTRAL
Test Mode 3	:	802.11an, HT40, CH38	Temperature	:	24 °C
Memo	:	DSA-20P-10 US 120180	Humidity	:	56 %

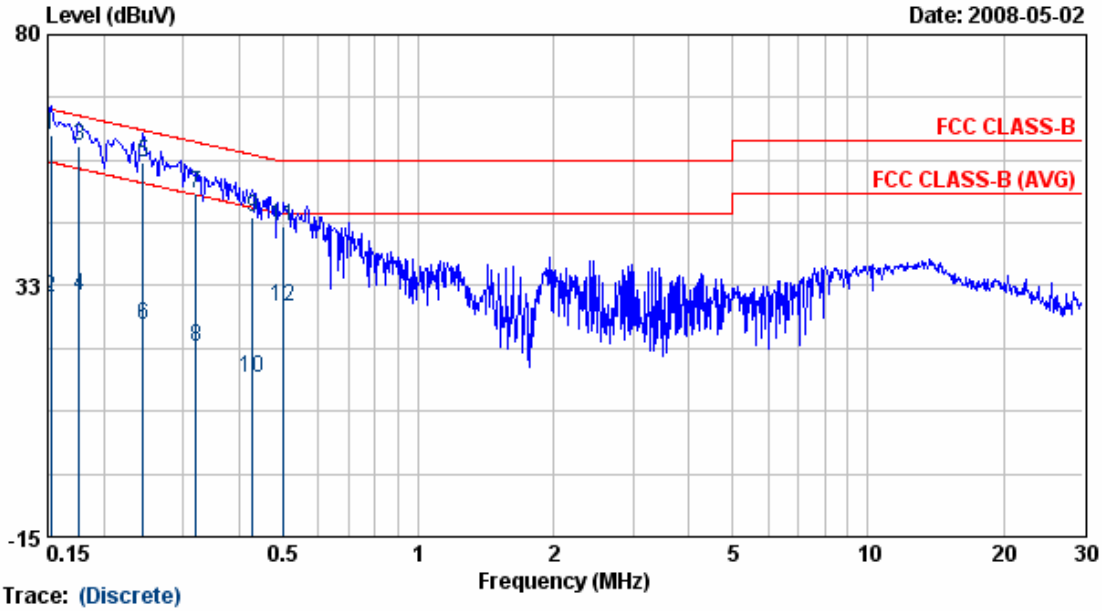


Trace: (Discrete)

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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 was chosen as representative in final test.
4. The data is worse case.

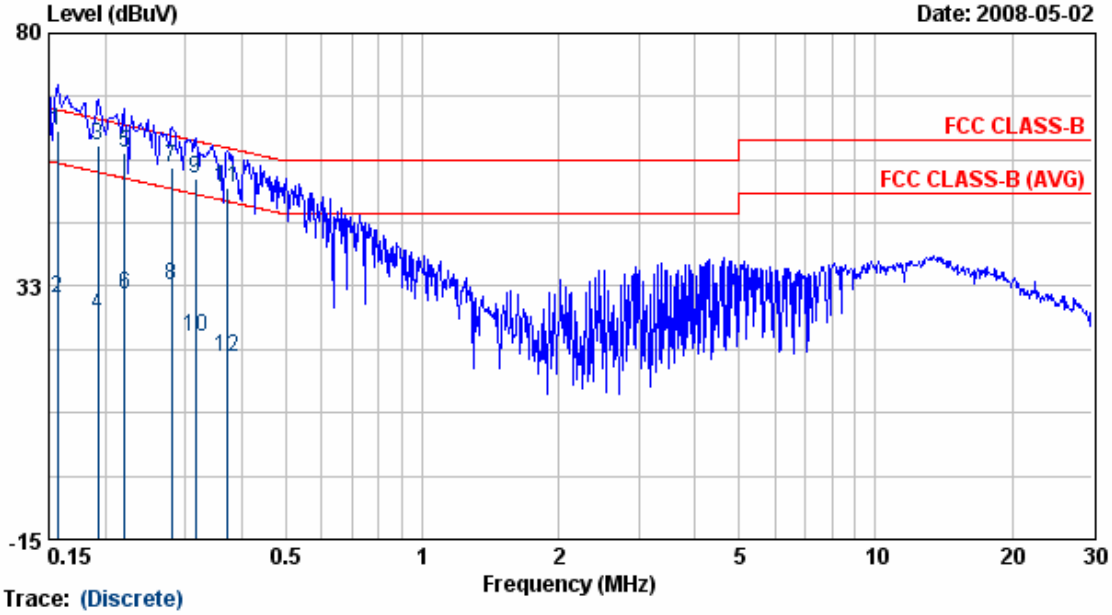
Power	:	AC 120V	Pol/Phase	:	LINE
Test Mode 4	:	802.11an, HT20, CH36	Temperature	:	24 °C
Memo	:	DSA-20P-10 US 120180	Humidity	:	56 %



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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
4. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	NEUTRAL
Test Mode 4	:	802.11an, HT20, CH36	Temperature	:	24 °C
Memo	:	DSA-20P-10 US 120180	Humidity	:	56 %

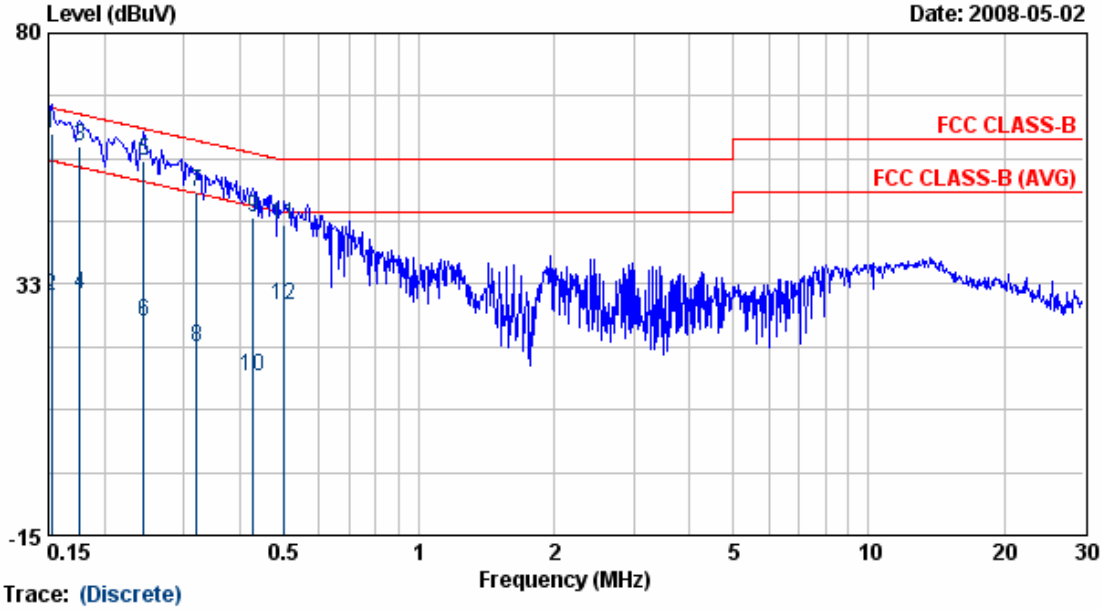


Trace: (Discrete)

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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
4. The data is worse case.

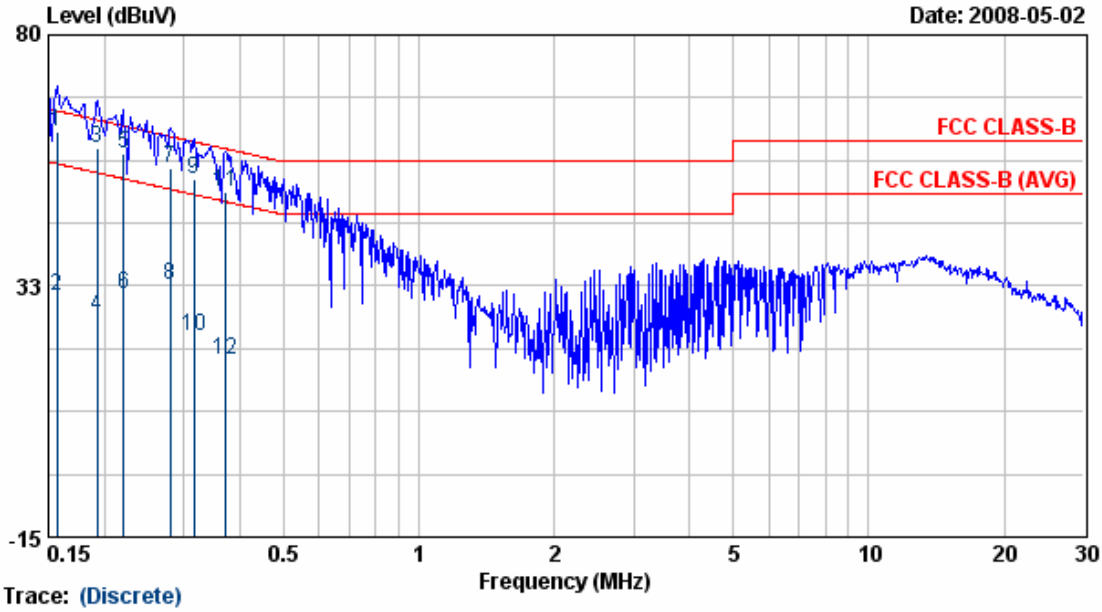
Power	:	AC 120V	Pol/Phase	:	LINE
Test Mode 5	:	802.11an, HT40, CH38	Temperature	:	24 °C
Memo	:	DSA-20P-10 US 120180	Humidity	:	56 %



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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 was chosen as representative in final test.
4. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	NEUTRAL
Test Mode 5	:	802.11an, HT40, CH38	Temperature	:	24 °C
Memo	:	DSA-20P-10 US 120180	Humidity	:	56 %

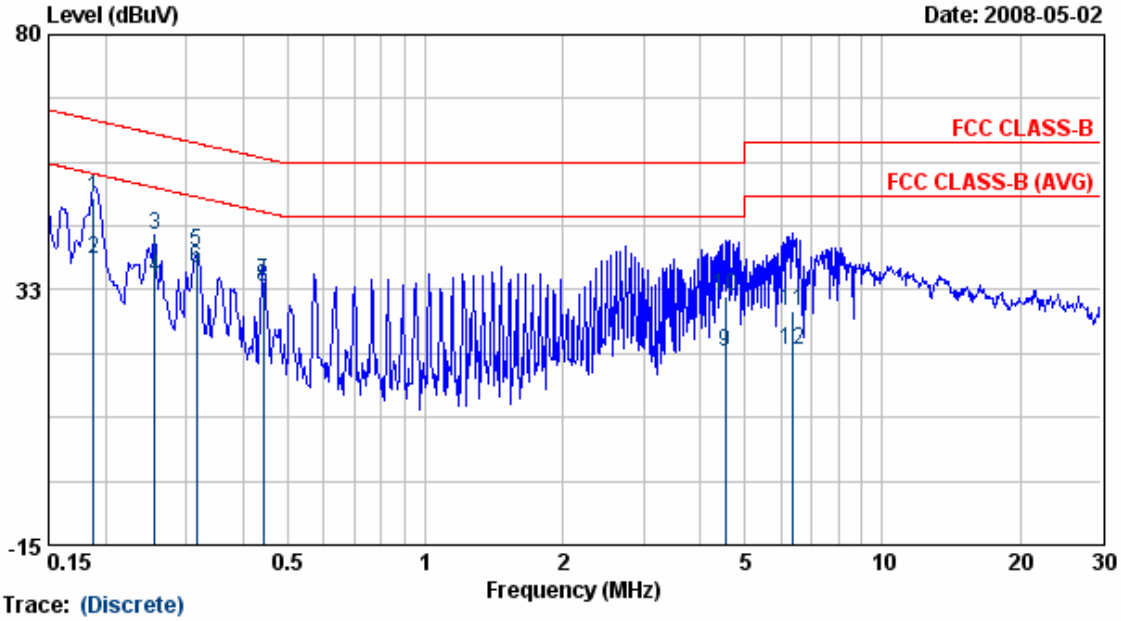


Trace: (Discrete)

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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 was chosen as representative in final test.
4. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	LINE
Test Mode 6	:	802.11a CH36	Temperature	:	24 °C
Memo	:	MU18-2120150-A1	Humidity	:	56 %

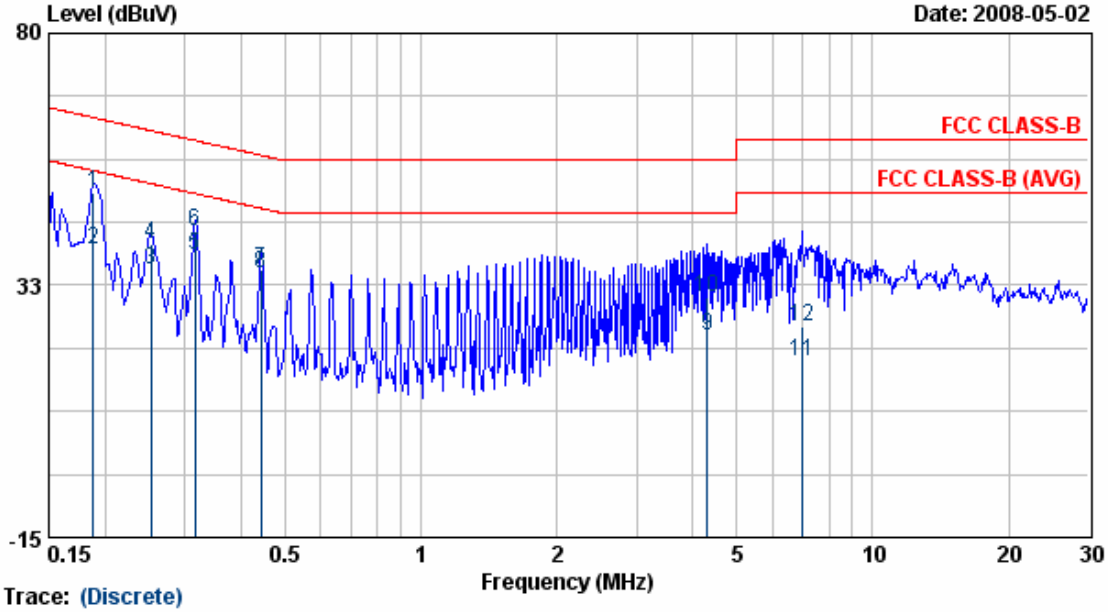


Trace: (Discrete)

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	42.70	0.11	42.81	61.56	-18.74	QP
4	0.26	34.65	0.11	34.76	51.56	-16.79	AVERAGE
5	0.32	39.32	0.11	39.43	59.80	-20.36	QP
6	0.32	36.31	0.11	36.42	49.80	-13.37	AVERAGE
7	0.44	33.91	0.11	34.02	57.02	-23.00	QP
8	0.44	33.06	0.11	33.17	47.02	-13.85	AVERAGE
9	4.53	20.64	0.24	20.89	46.00	-25.11	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. According to technical experiences,all spurious emission of 802.11a mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
4. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	NEUTRAL
Test Mode 6	:	802.11a CH36	Temperature	:	24 °C
Memo	:	MU18-2120150-A1	Humidity	:	56 %

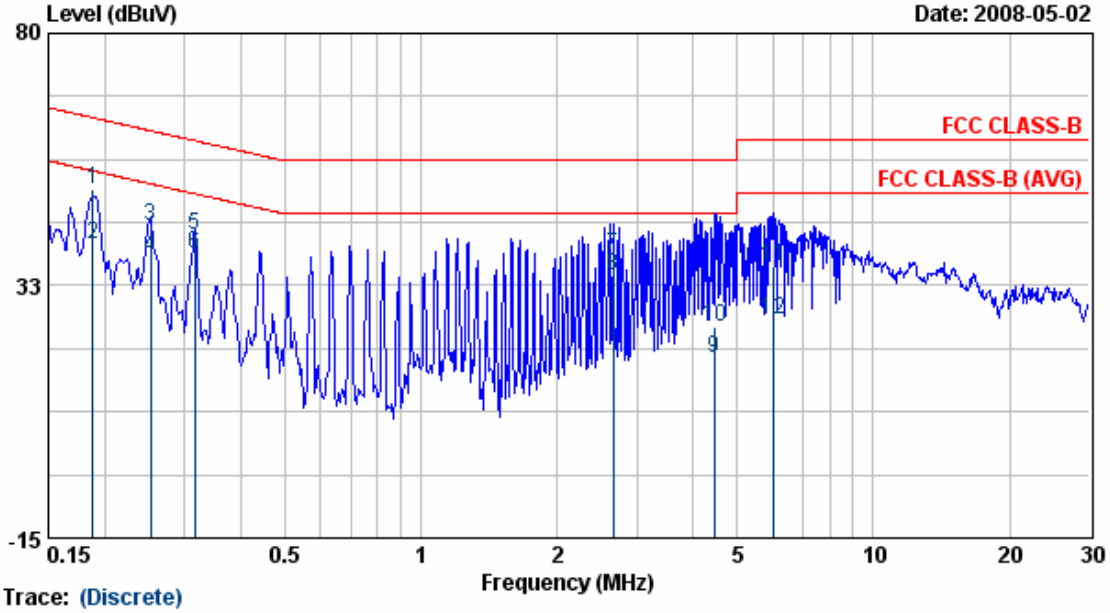


Trace: (Discrete)

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	39.30	0.09	39.39	54.11	-14.71	AVERAGE
3	0.25	35.51	0.09	35.61	51.69	-16.08	AVERAGE
4	0.25	40.31	0.09	40.40	61.69	-21.28	QP
5	0.32	38.15	0.10	38.24	49.80	-11.55	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	22.70	0.26	22.96	46.00	-23.04	AVERAGE
10	4.31	30.05	0.26	30.32	56.00	-25.68	QP
11	6.95	17.70	0.33	18.03	50.00	-31.97	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. According to technical experiences,all spurious emission of 802.11a mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
4. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	LINE
Test Mode 7	:	802.11an, HT20, CH36	Temperature	:	24 °C
Memo	:	MU18-2120150-A1	Humidity	:	56 %

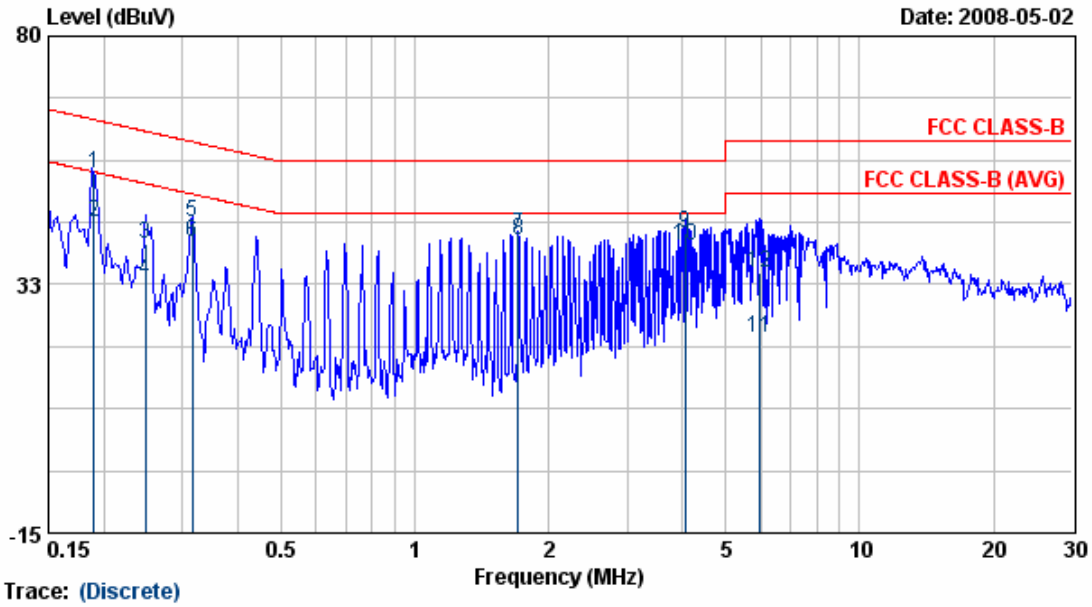


Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.19	50.56	0.10	50.66	64.11	-13.44	QP
2	0.19	40.27	0.10	40.38	54.11	-13.73	AVERAGE
3	0.25	43.70	0.11	43.81	61.69	-17.87	QP
4	0.25	37.65	0.11	37.76	51.69	-13.93	AVERAGE
5	0.32	41.92	0.11	42.04	59.80	-17.76	QP
6	0.32	38.30	0.11	38.42	49.80	-11.38	AVERAGE
7	2.66	37.96	0.21	38.17	56.00	-17.83	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	24.89	56.00	-31.11	QP
11	6.02	35.96	0.28	36.24	60.00	-23.76	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
4. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	NEUTRAL
Test Mode 7	:	802.11an, HT20, CH36	Temperature	:	24 °C
Memo	:	MU18-2120150-A1	Humidity	:	56 %

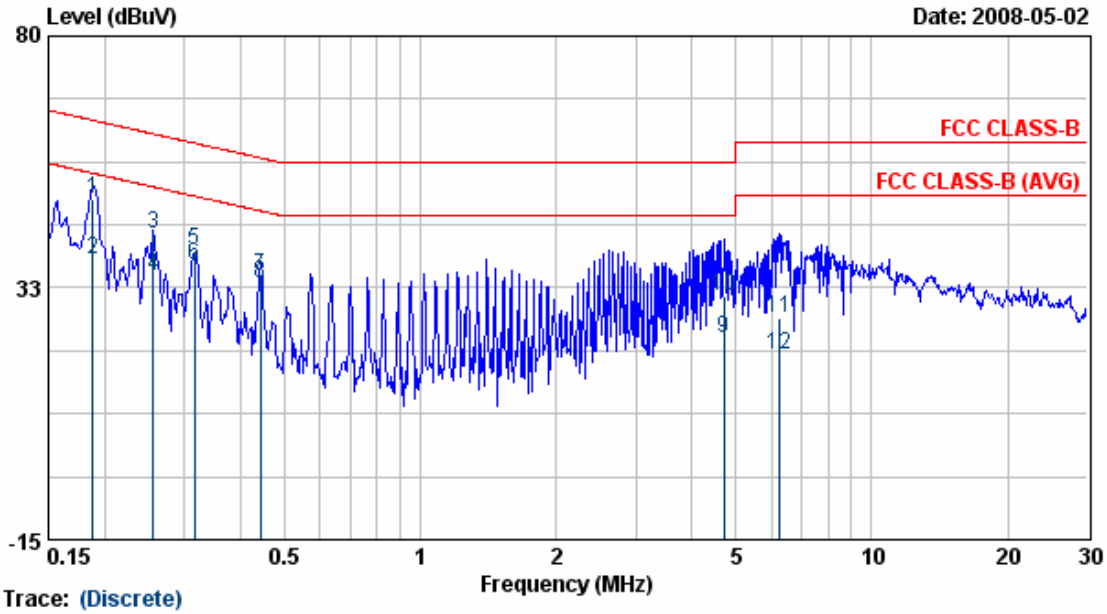


Trace: (Discrete)

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	44.30	0.09	44.39	54.05	-9.67	AVERAGE
3	0.25	40.03	0.09	40.12	61.82	-21.70	QP
4	0.25	33.32	0.09	33.41	51.82	-18.41	AVERAGE
5	0.32	44.49	0.10	44.58	59.80	-15.21	QP
6	0.32	40.58	0.10	40.68	49.80	-9.11	AVERAGE
7	1.71	41.67	0.18	41.85	56.00	-14.15	QP
8	1.71	40.94	0.18	41.12	46.00	-4.88	AVERAGE
9	4.05	42.00	0.25	42.25	56.00	-13.75	QP
10	4.05	39.70	0.25	39.95	46.00	-6.05	AVERAGE
11	5.96	21.97	0.31	22.28	50.00	-27.72	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
4. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	LINE
Test Mode 8	:	802.11an, HT40, CH38	Temperature	:	24 °C
Memo	:	MU18-2120150-A1	Humidity	:	56 %

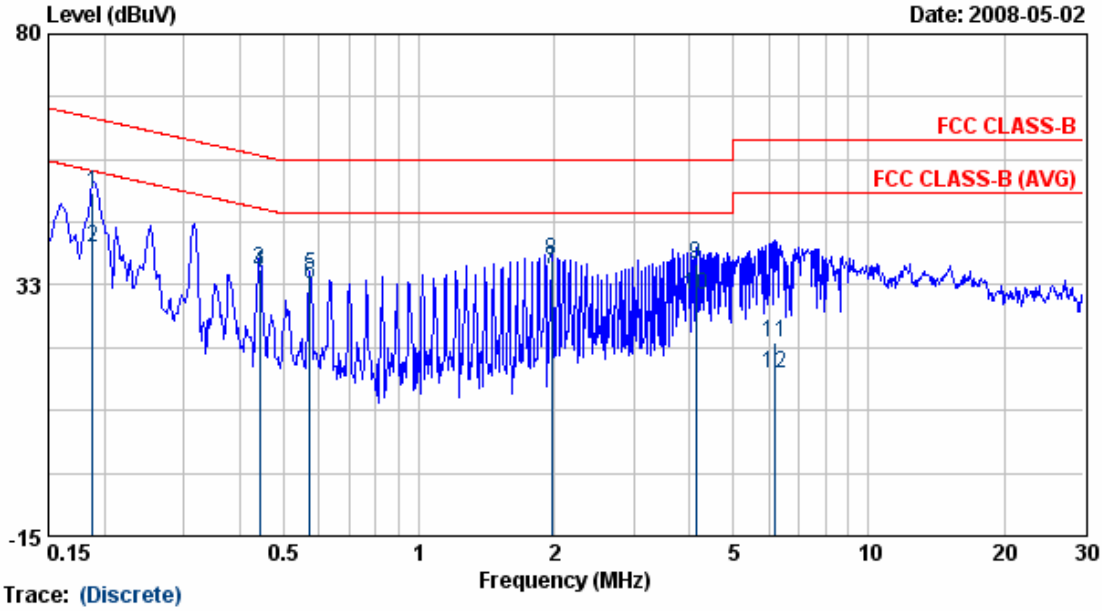


Trace: (Discrete)

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	37.82	0.10	37.93	54.11	-16.18	AVERAGE
3	0.26	42.66	0.11	42.77	61.56	-18.79	QP
4	0.26	34.58	0.11	34.69	51.56	-16.86	AVERAGE
5	0.32	39.52	0.11	39.64	59.80	-20.16	QP
6	0.32	36.54	0.11	36.65	49.80	-13.15	AVERAGE
7	0.44	34.65	0.11	34.77	57.02	-22.26	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	26.56	0.28	26.84	60.00	-33.16	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 was chosen as representative in final test.
4. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	NEUTRAL
Test Mode 8	:	802.11an, HT40, CH38	Temperature	:	24 °C
Memo	:	MU18-2120150-A1	Humidity	:	56 %

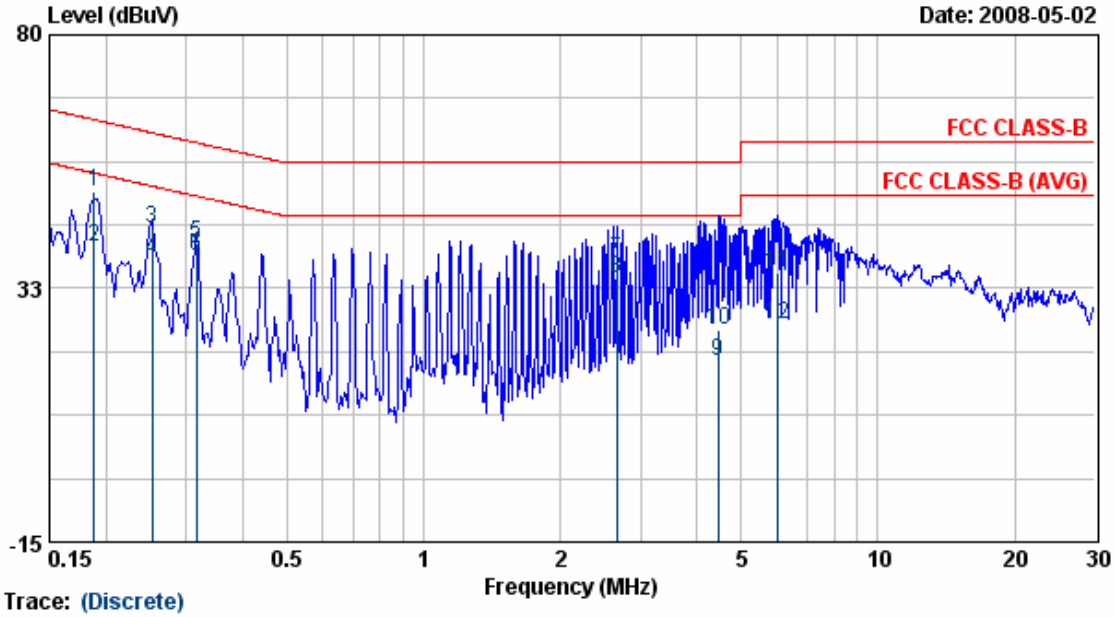


Trace: (Discrete)

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	39.32	0.09	39.41	54.11	-14.70	AVERAGE
3	0.44	35.37	0.10	35.48	57.02	-21.54	QP
4	0.44	34.66	0.10	34.77	47.02	-12.25	AVERAGE
5	0.57	34.25	0.12	34.37	56.00	-21.63	QP
6	0.57	32.62	0.12	32.74	46.00	-13.26	AVERAGE
7	1.97	35.14	0.19	35.33	46.00	-10.67	AVERAGE
8	1.97	36.80	0.19	36.99	56.00	-19.01	QP
9	4.14	36.05	0.25	36.30	56.00	-19.70	QP
10	4.14	30.26	0.25	30.52	46.00	-15.48	AVERAGE
11	6.19	21.24	0.31	21.55	60.00	-38.45	QP
12	6.19	15.36	0.31	15.67	50.00	-34.33	AVERAGE

Remarks: 1. Level = Read Level + Factor
2. Factor = LISN(ISN) Factor + Cable Loss
3. According to technical experiences,all spurious emission of 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 was chosen as representative in final test.
4. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	LINE
Test Mode 9	:	802.11an, HT20, CH36	Temperature	:	24 °C
Memo	:	MU18-2120150-A1	Humidity	:	56 %

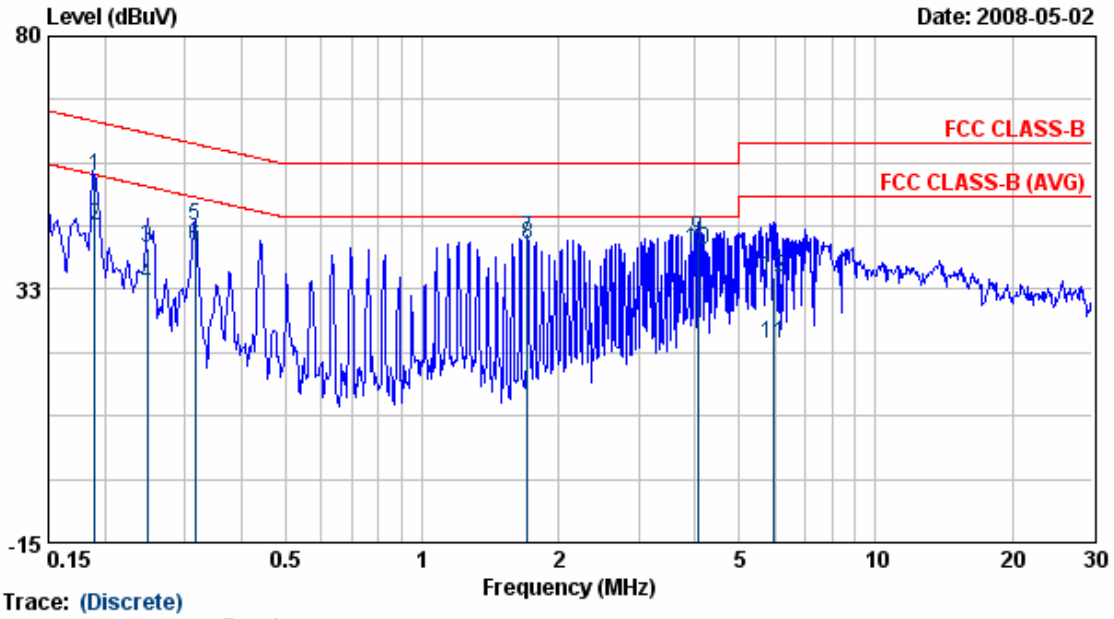


Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.19	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
4. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	NEUTRAL
Test Mode 9	:	802.11an, HT20, CH36	Temperature	:	24 °C
Memo	:	MU18-2120150-A1	Humidity	:	56 %

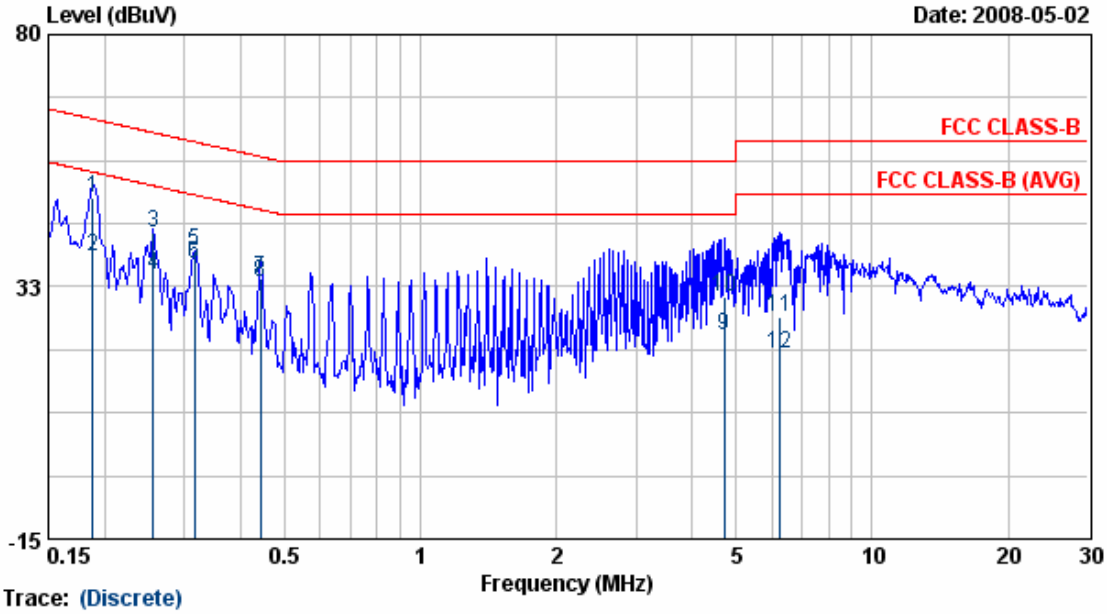


Trace: (Discrete)

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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
4. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	LINE
Test Mode 10	:	802.11an, HT40, CH38	Temperature	:	24 °C
Memo	:	MU18-2120150-A1	Humidity	:	56 %

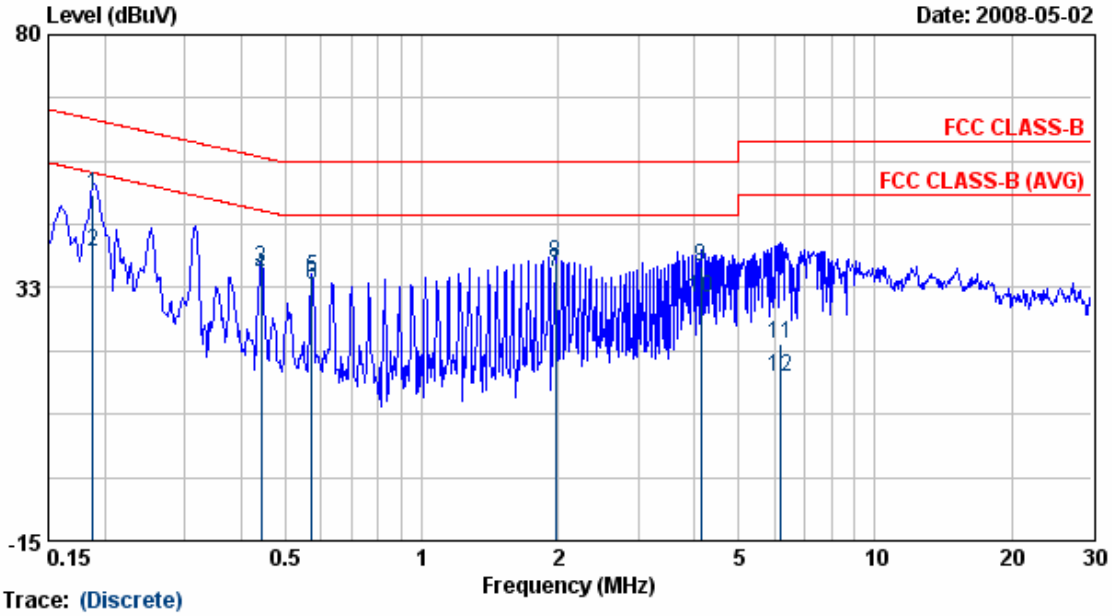


Trace: (Discrete)

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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 was chosen as representative in final test.
4. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	NEUTRAL
Test Mode 10	:	802.11an, HT40, CH38	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 was chosen as representative in final test.
4. The data is worse case.

Test engineer: Ben

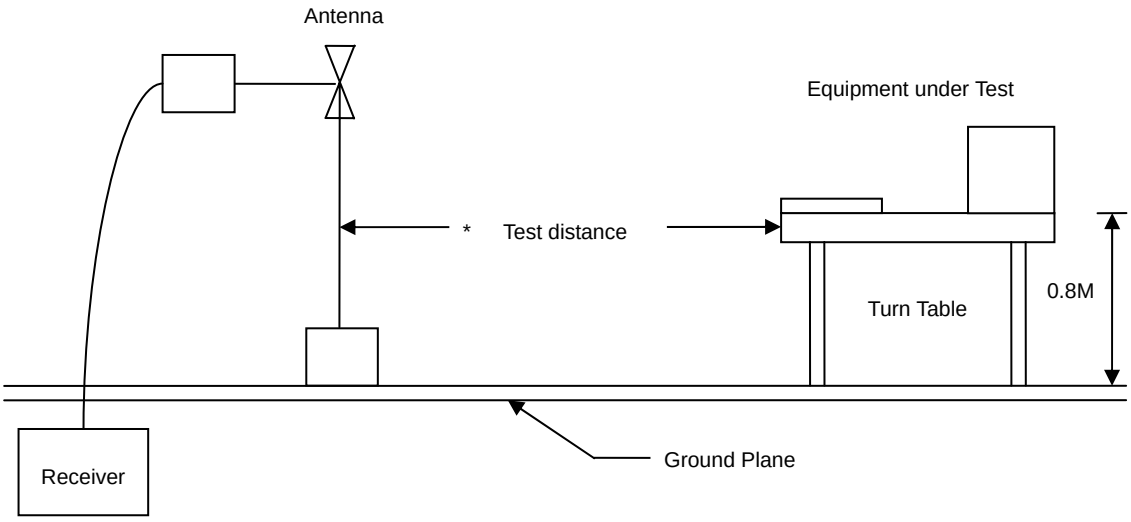
5. Test of Radiated Emission

Radiated emissions from 30 MHz to 40 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 1.4.2. The interface cables and equipment positions were varied within limits of reasonable applications to determine the positions producing maximum radiated emissions

5.1. Test Procedures

a. The EUT was placed on a rotatable table top 0.8 meter above ground.
b. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
c. The table was rotated 360 degrees to determine the position of the highest radiation.
d. 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.
e. 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.
f. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function and specified bandwidth with Maximum Hold Mode.
g. 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.
h. 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.

5.2. Typical Test Setup Layout of Radiated Emission

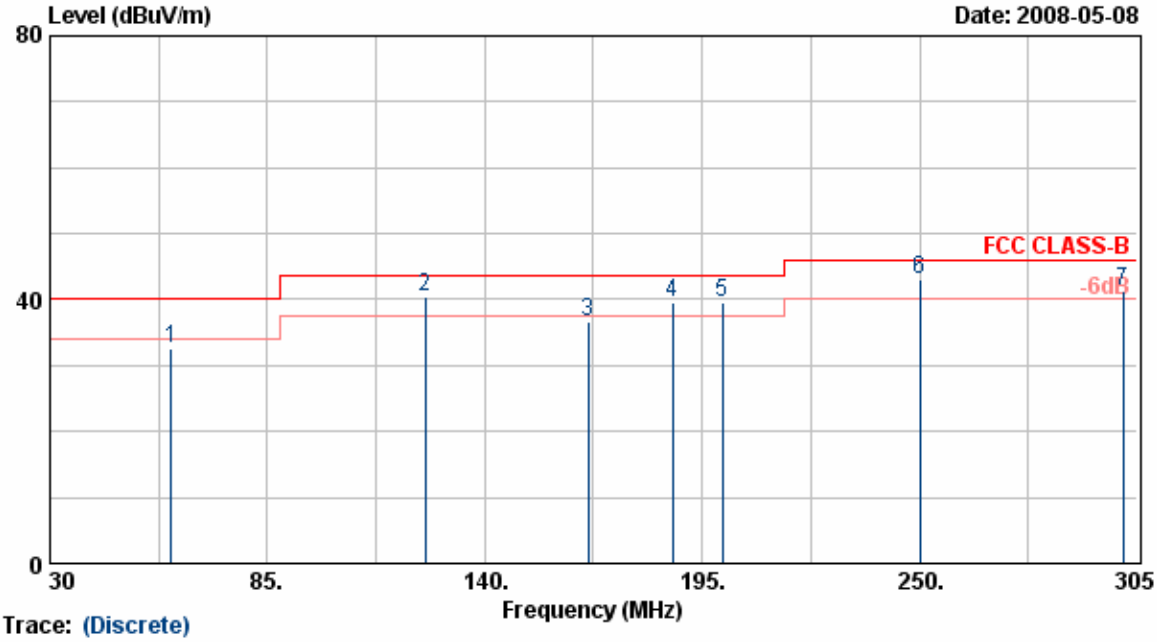


5.3. Measurement equipment

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

5.4. Test Result of Radiated Emission

Power	:	AC 120V	Pol/Phase	:	VERTICAL
Test Mode 1	:	Transmit / Receive	Temperature	:	25 °C
Operation Channel	:	36	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6Mbps



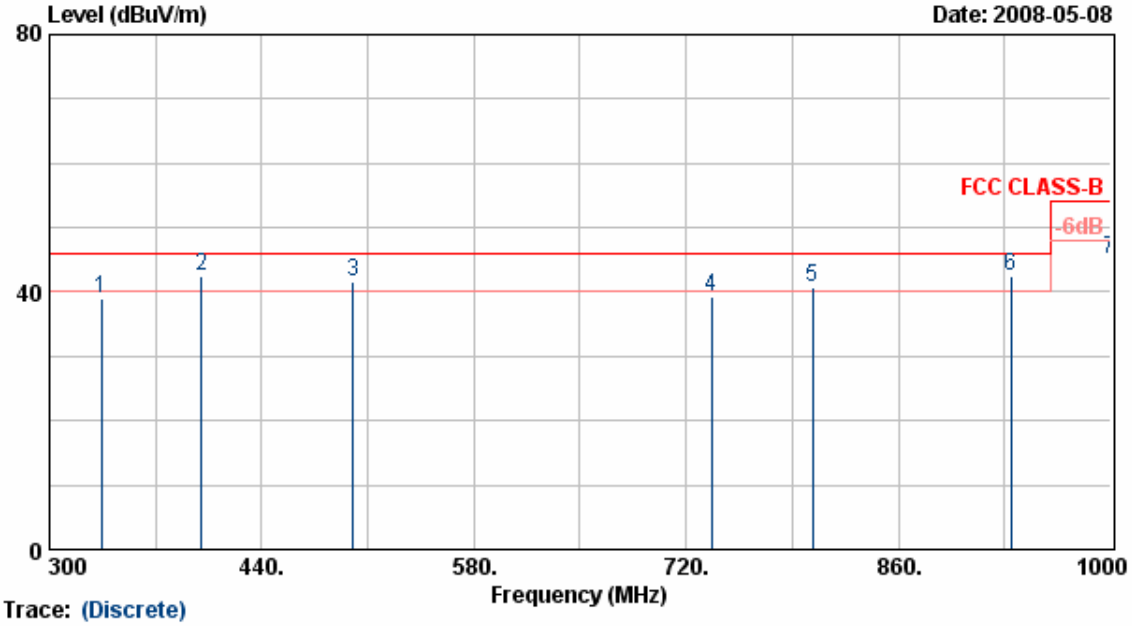
Trace: (Discrete)

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	60.70	49.79	-17.07	32.72	40.00	-7.28	Peak	100	0
2	125.00	53.71	-13.29	40.42	43.50	-3.08	QP	100	0
3	166.05	49.78	-13.00	36.78	43.50	-6.72	Peak	100	88
4	187.55	49.87	-10.20	39.67	43.50	-3.83	QP	100	88
5	200.00	51.38	-11.75	39.63	43.50	-3.87	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. According to technical experiences,all spurious emission of 802.11a mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
5. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	VERTICAL
Test Mode 1	:	Transmit / Receive	Temperature	:	25 °C
Operation Channel	:	36	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6Mbps



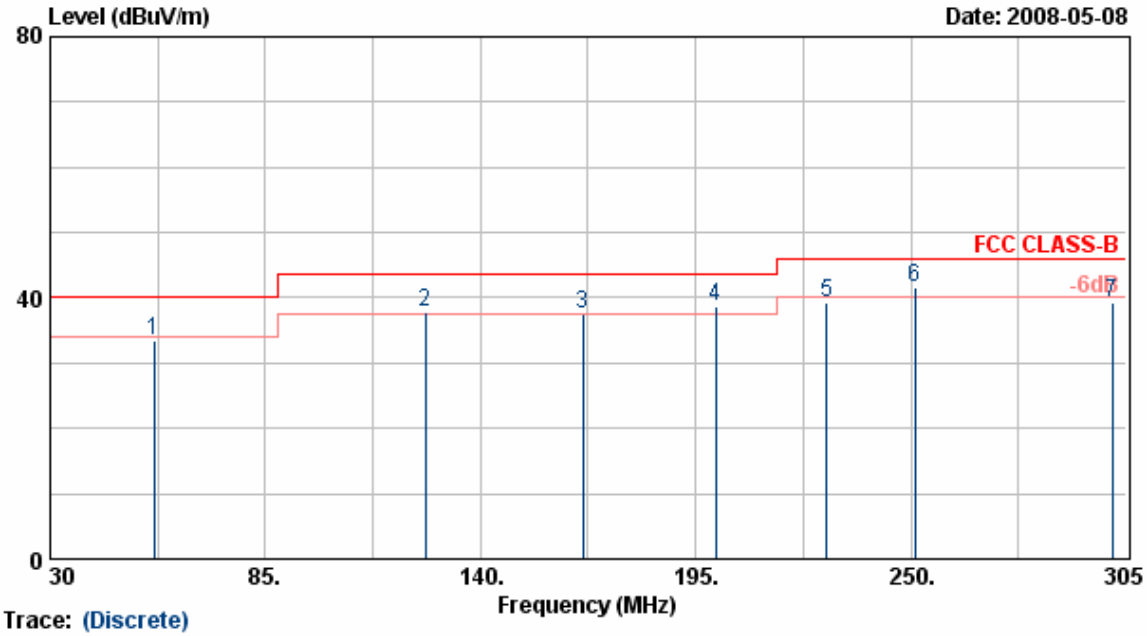
Trace: (Discrete)

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	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	46.56	-4.86	41.70	46.00	-4.30	QP	100	99
4	736.80	36.39	2.84	39.23	46.00	-6.77	Peak	100	52
5	803.30	43.53	-2.76	40.77	46.00	-5.23	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 802.11a mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
5. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode 1	:	Transmit / Receive	Temperature	:	25 °C
Operation Channel	:	36	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6Mbps



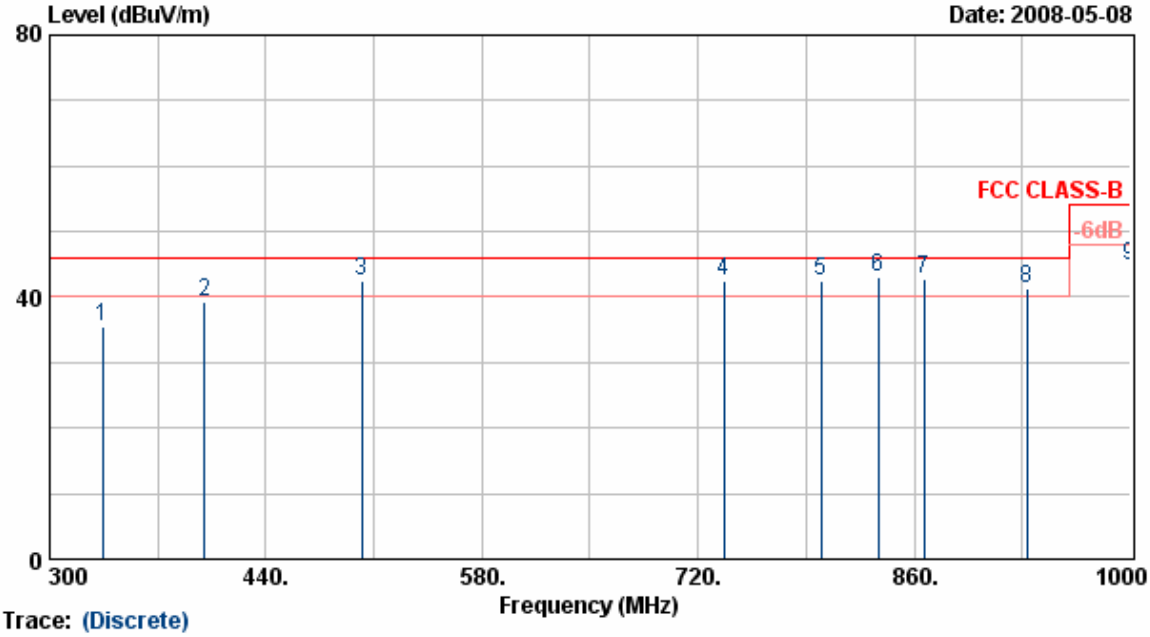
Trace: (Discrete)

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	55.40	-22.06	33.34	40.00	-6.66	Peak	200	0
2	125.99	57.31	-19.62	37.69	43.50	-5.81	QP	200	0
3	166.23	56.10	-18.64	37.46	43.50	-6.04	Peak	200	72
4	200.00	53.17	-14.49	38.68	43.50	-4.82	QP	200	72
5	228.55	57.78	-18.38	39.40	46.00	-6.60	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 802.11a mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
5. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode 1	:	Transmit / Receive	Temperature	:	25 °C
Operation Channel	:	36	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6Mbps



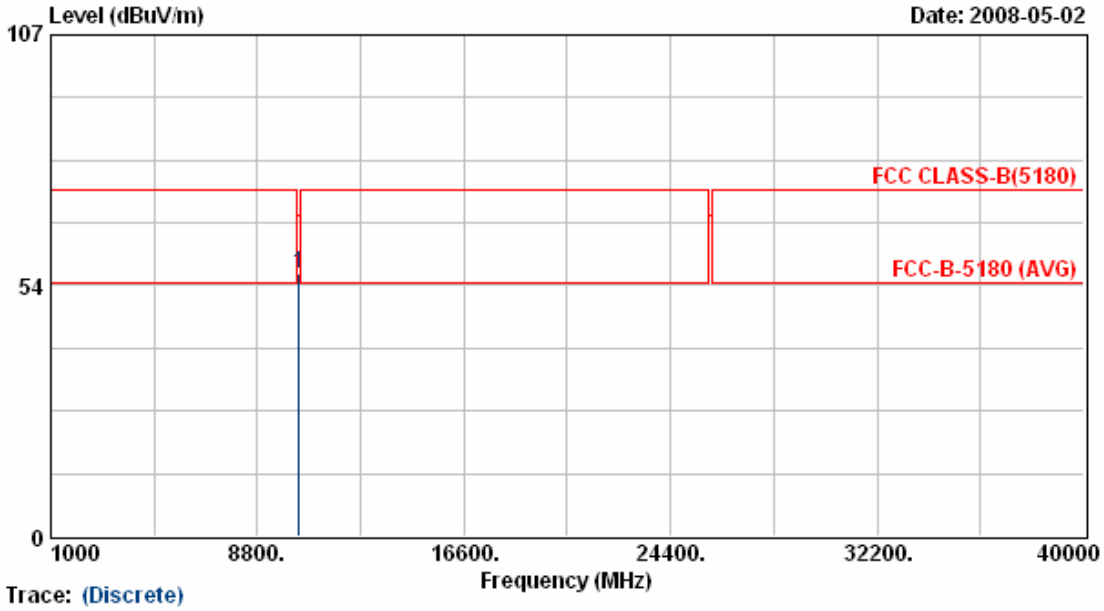
Trace: (Discrete)

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	47.79	-12.21	35.58	46.00	-10.42	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	39.22	3.60	42.82	46.00	-3.18	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 802.11a mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
5. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	VERTICAL
Test Mode 1	:	Transmit / Receive	Temperature	:	25 °C
Operation Channel	:	36	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6Mbps



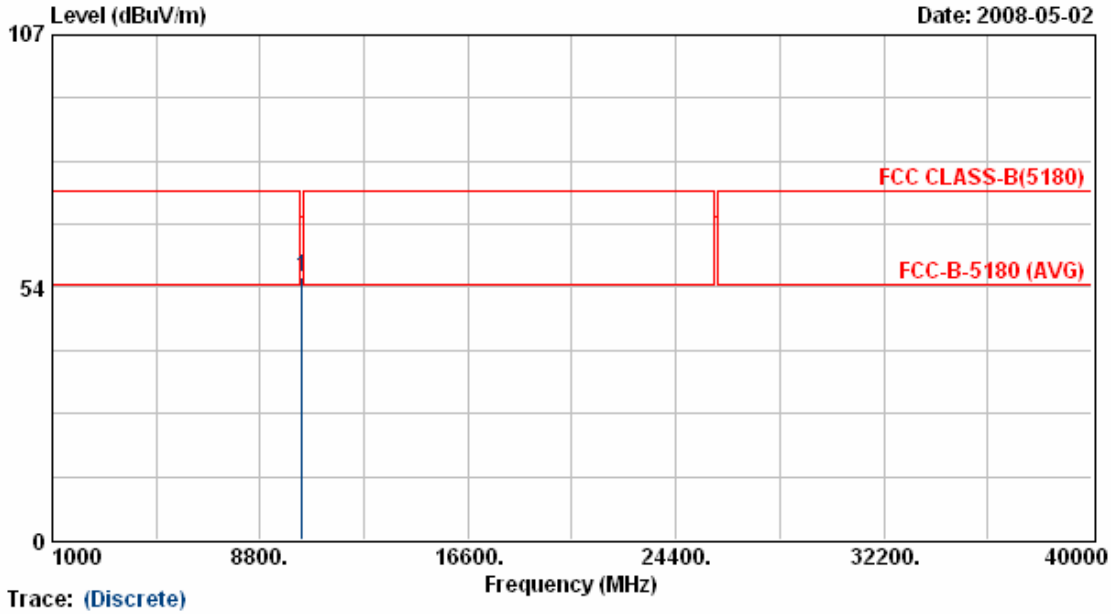
Trace: (Discrete)

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	10359.88	43.23	12.78	56.01	68.30	-12.29	Peak	100	160

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	:	36	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6Mbps



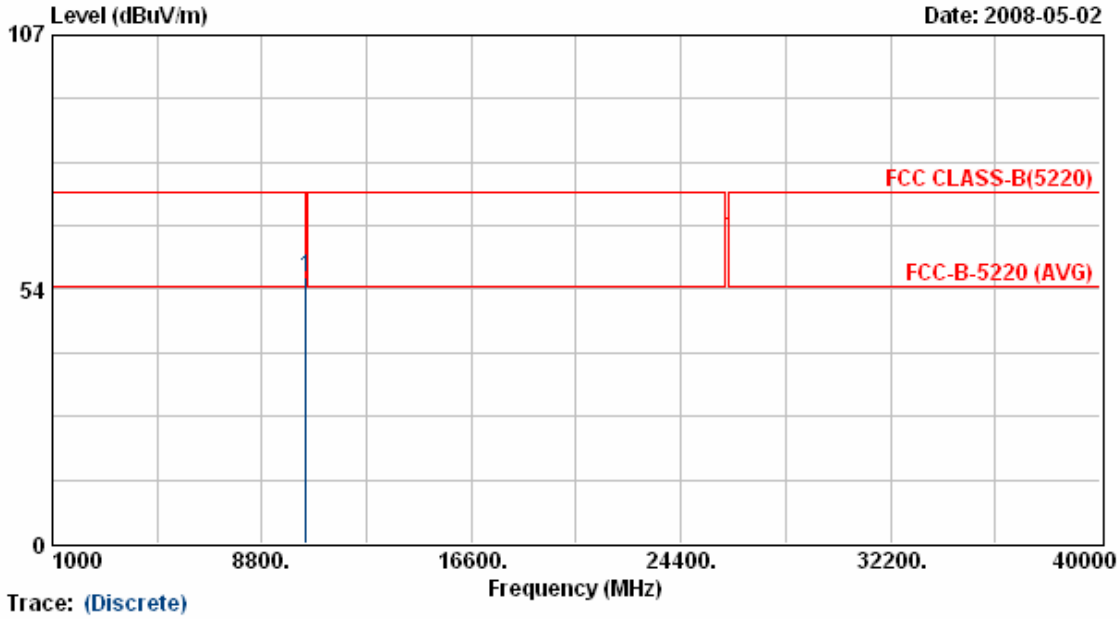
Trace: (Discrete)

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	10360.17	42.97	12.78	55.75	68.30	-12.55	Peak	100	146

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	:	44	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6Mbps



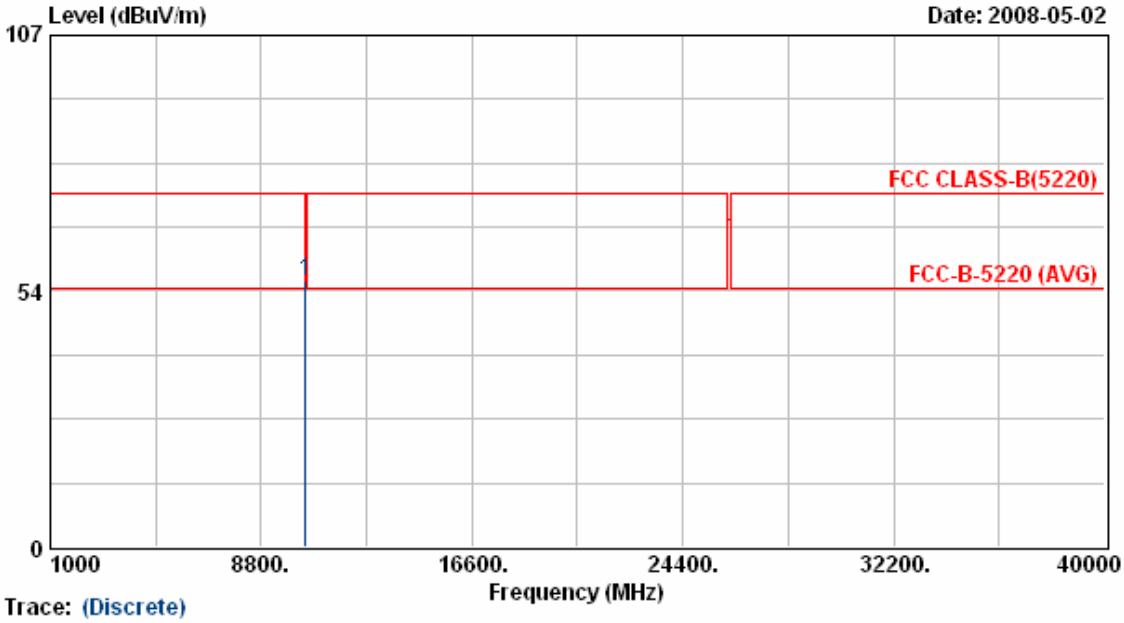
Trace: (Discrete)

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	10440.00	43.15	12.90	56.06	68.30	-12.24	Peak	100	160

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	:	44	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6Mbps



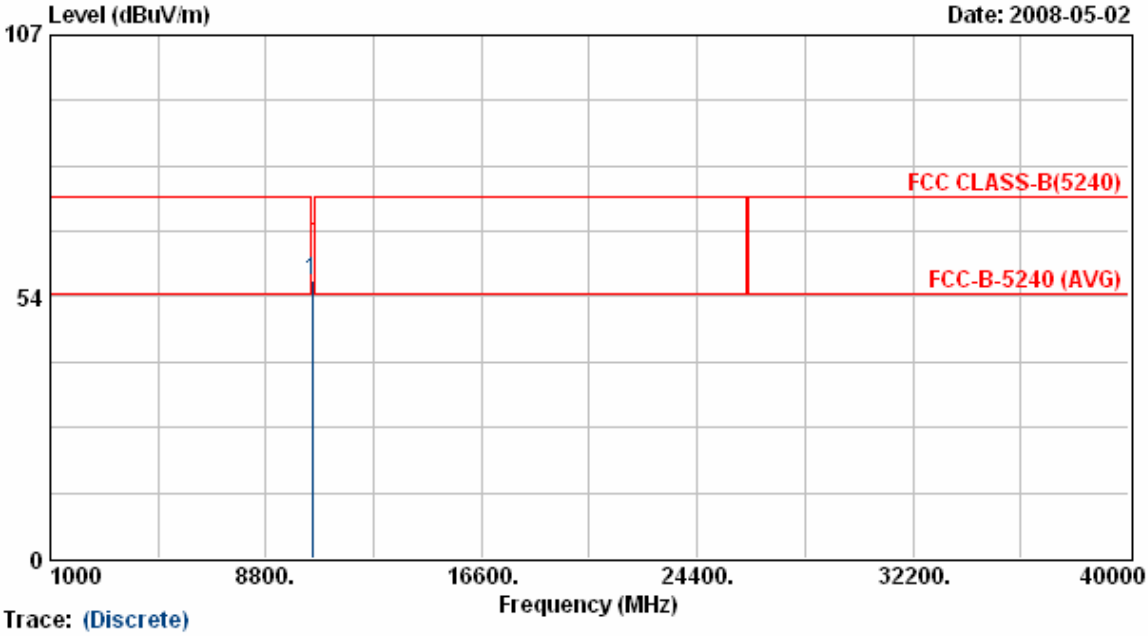
Trace: (Discrete)

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	10439.85	42.58	12.90	55.48	68.30	-12.82	Peak	100	146

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	:	48	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6Mbps



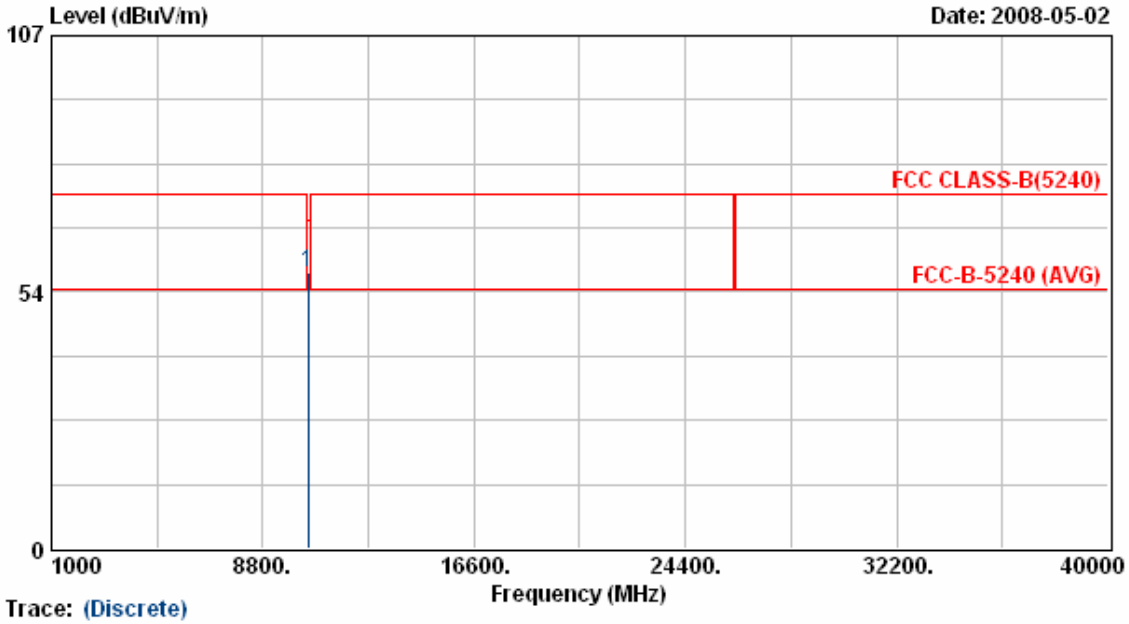
Trace: (Discrete)

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	10479.90	43.71	12.97	56.68	68.30	-11.62	Peak	100	160

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	:	48	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6Mbps



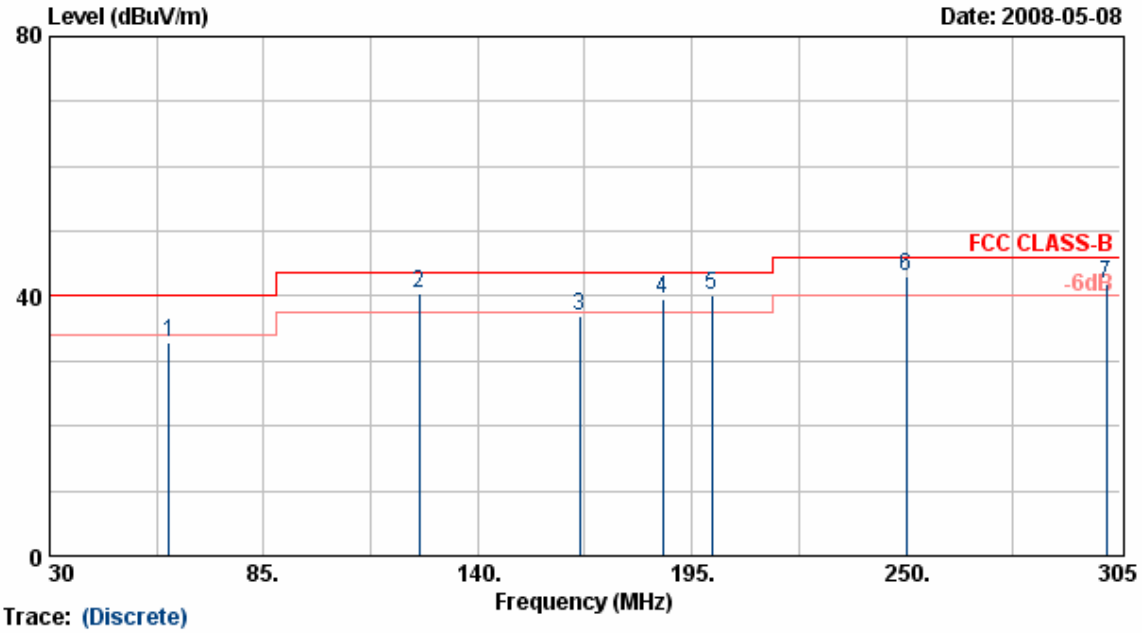
Trace: (Discrete)

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	10480.10	44.67	12.97	57.64	68.30	-10.66	Peak	100	146

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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6.5Mbps



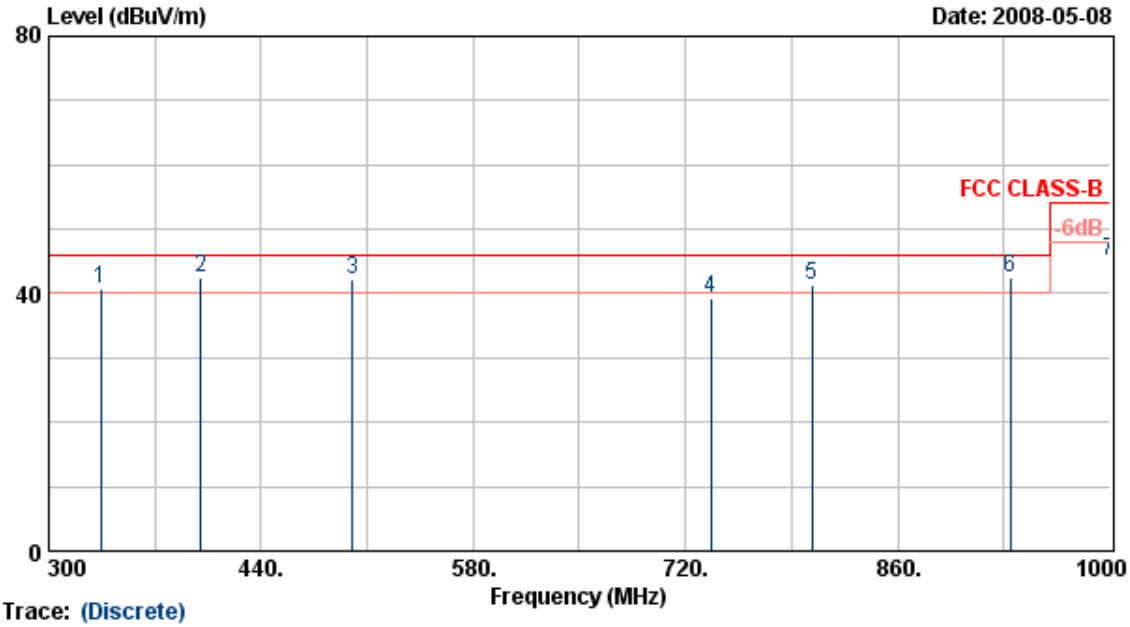
Trace: (Discrete)

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	49.98	-17.07	32.91	40.00	-7.09	Peak	100	0
2	125.00	53.71	-13.29	40.42	43.50	-3.08	QP	100	0
3	166.05	49.96	-13.00	36.96	43.50	-6.54	Peak	100	88
4	187.55	49.87	-10.20	39.67	43.50	-3.83	QP	100	88
5	200.00	51.87	-11.75	40.12	43.50	-3.38	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6.5Mbps



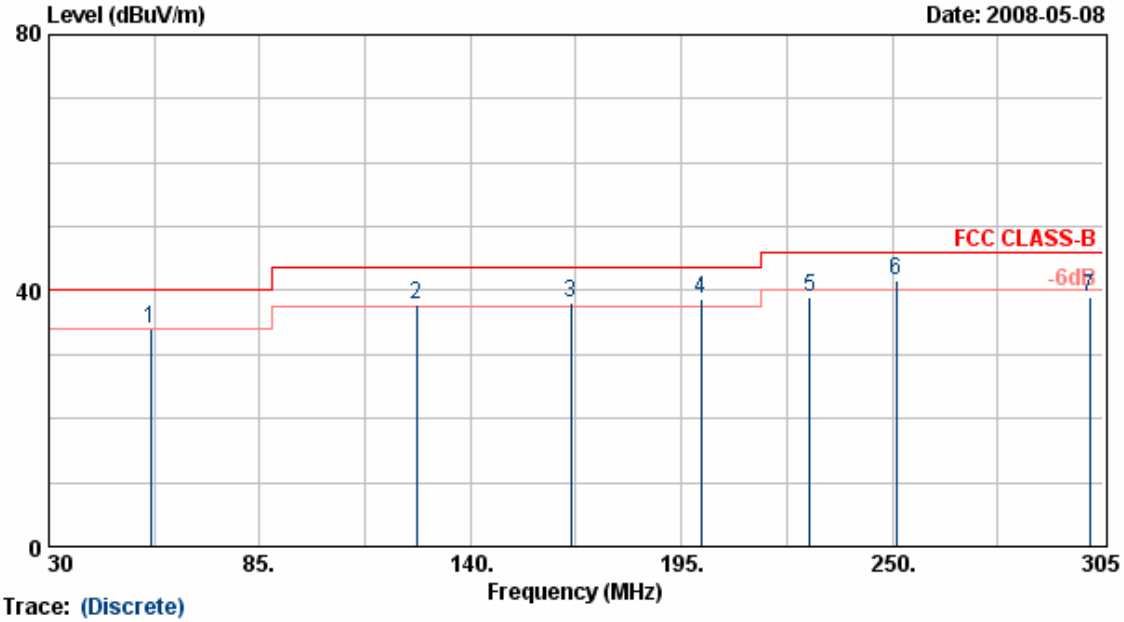
Trace: (Discrete)

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	51.30	-10.67	40.62	46.00	-5.38	QP	100	99
2	400.00	51.39	-8.86	42.53	46.00	-3.47	QP	100	99
3	500.00	46.98	-4.86	42.12	46.00	-3.88	QP	100	99
4	736.80	36.39	2.84	39.23	46.00	-6.77	Peak	100	52
5	803.30	43.98	-2.76	41.22	46.00	-4.78	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6.5Mbps



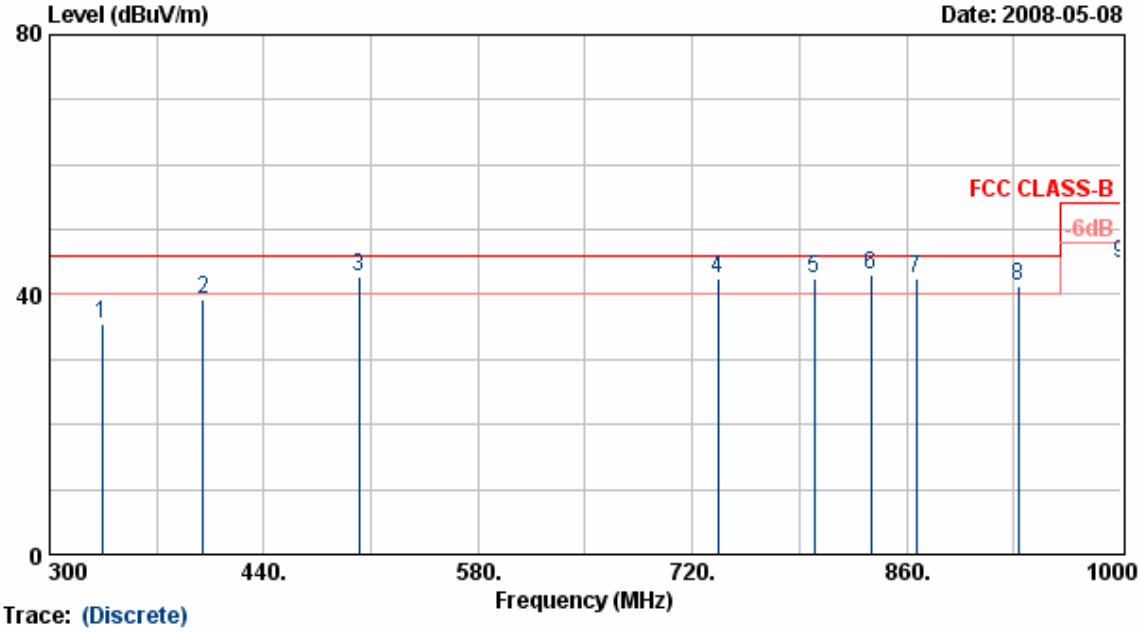
Trace: (Discrete)

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	55.98	-22.06	33.92	40.00	-6.08	Peak	200	0
2	125.99	57.31	-19.62	37.69	43.50	-5.81	QP	200	0
3	166.23	56.69	-18.64	38.04	43.50	-5.46	QP	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	53.27	-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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6.5Mbps



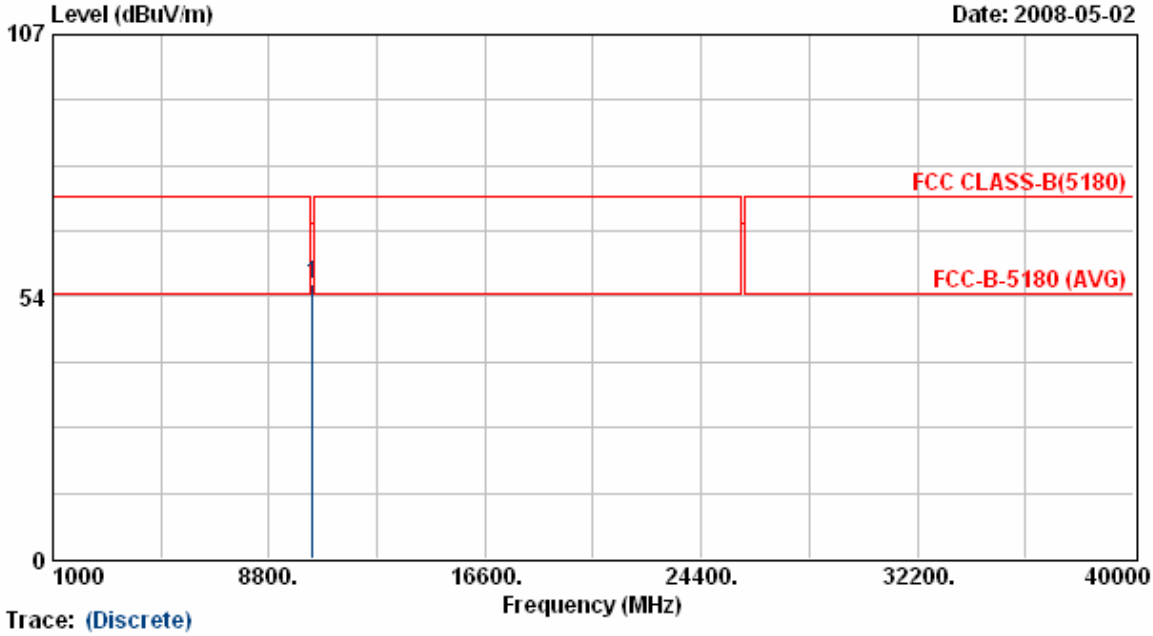
Trace: (Discrete)

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	47.68	-12.21	35.47	46.00	-10.53	Peak	200	10
2	400.00	50.48	-11.31	39.17	46.00	-6.83	Peak	200	58
3	502.30	47.79	-5.03	42.76	46.00	-3.24	QP	200	96
4	736.80	42.97	-0.52	42.45	46.00	-3.55	QP	200	125
5	799.99	42.95	-0.54	42.41	46.00	-3.59	QP	200	125
6	836.90	40.25	2.71	42.96	46.00	-3.04	QP	200	125
7	866.63	38.90	3.60	42.50	46.00	-3.50	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6.5Mbps



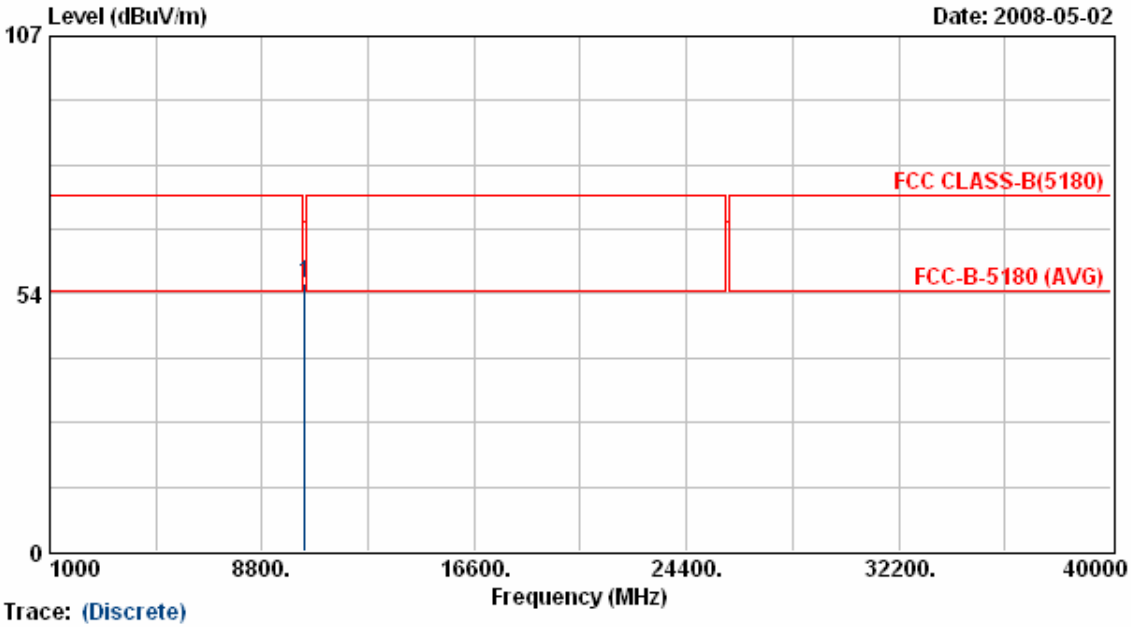
Trace: (Discrete)

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	10359.88	43.23	12.78	56.01	68.30	-12.29	Peak	100	160

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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6.5Mbps



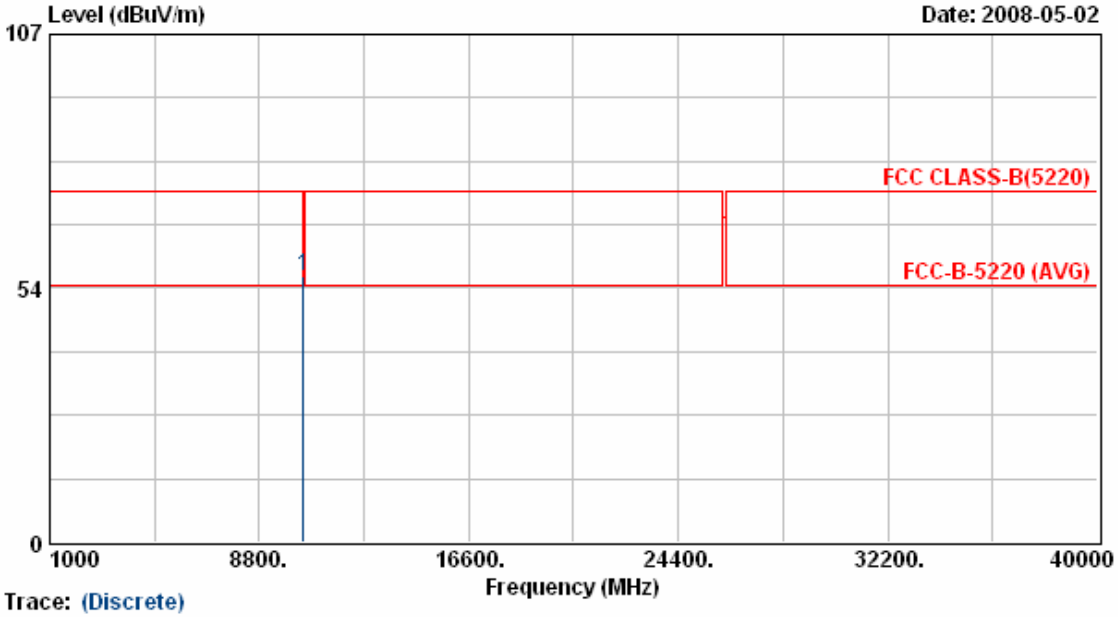
Trace: (Discrete)

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	10360.17	42.97	12.78	55.75	68.30	-12.55	Peak	100	146

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	:	44	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6.5Mbps



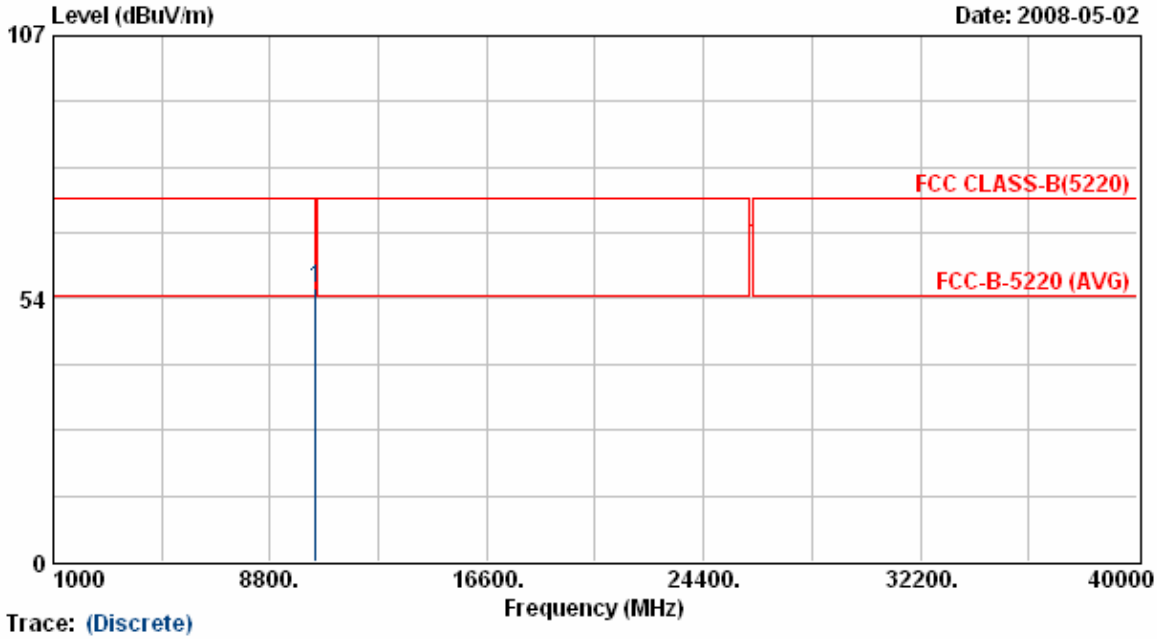
Trace: (Discrete)

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	10440.00	43.15	12.90	56.06	68.30	-12.24	Peak	100	160

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	:	44	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6.5Mbps



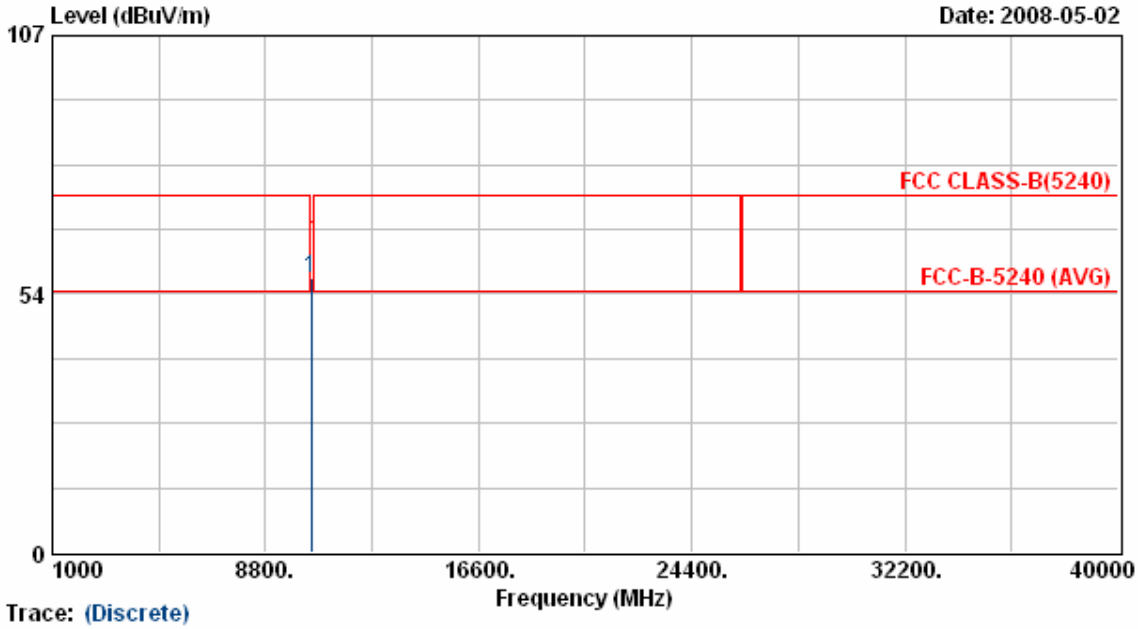
Trace: (Discrete)

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	10439.85	42.58	12.90	55.48	68.30	-12.82	Peak	100	146

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	:	48	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6.5Mbps



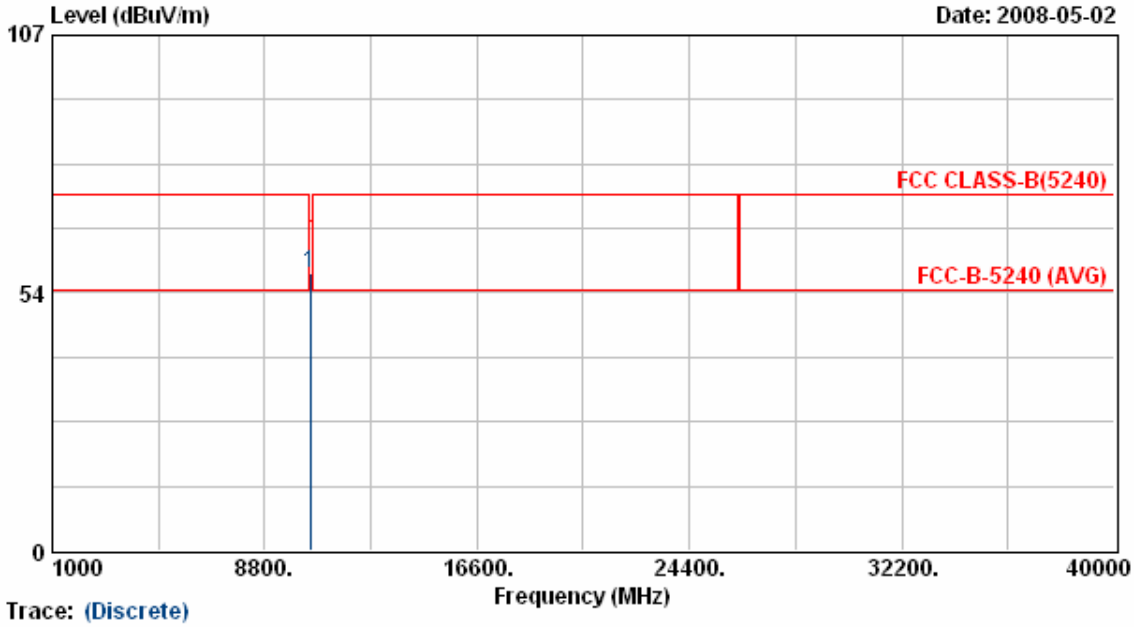
Trace: (Discrete)

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	10479.90	43.71	12.97	56.68	68.30	-11.62	Peak	100	160

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	:	48	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6.5Mbps



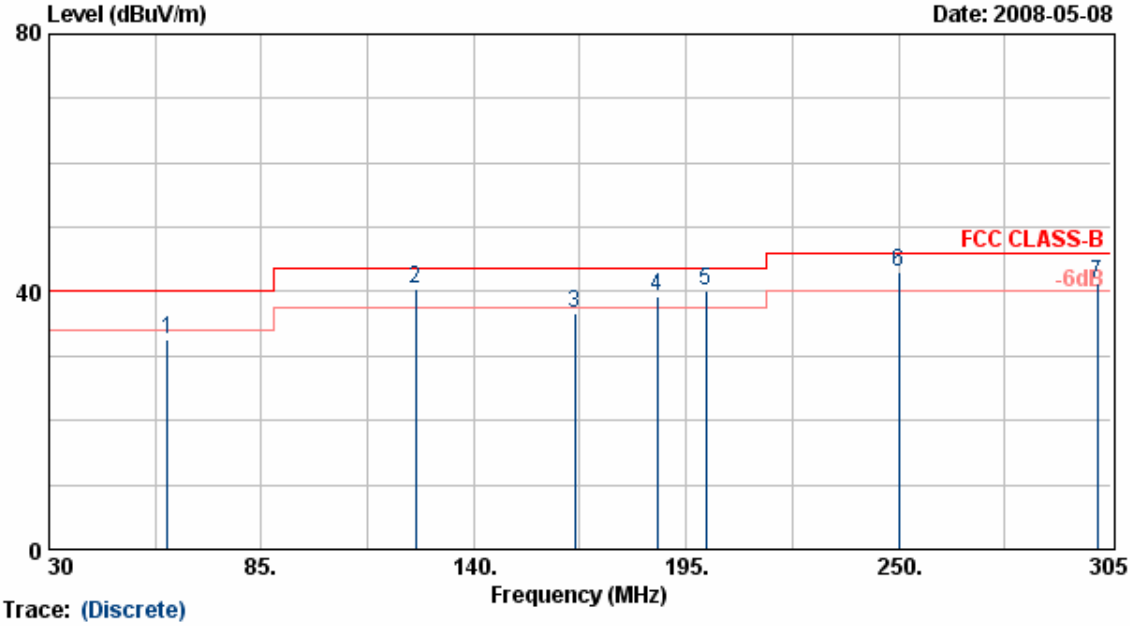
Trace: (Discrete)

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	10480.10	44.67	12.97	57.64	68.30	-10.66	Peak	100	146

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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	13.5Mbps



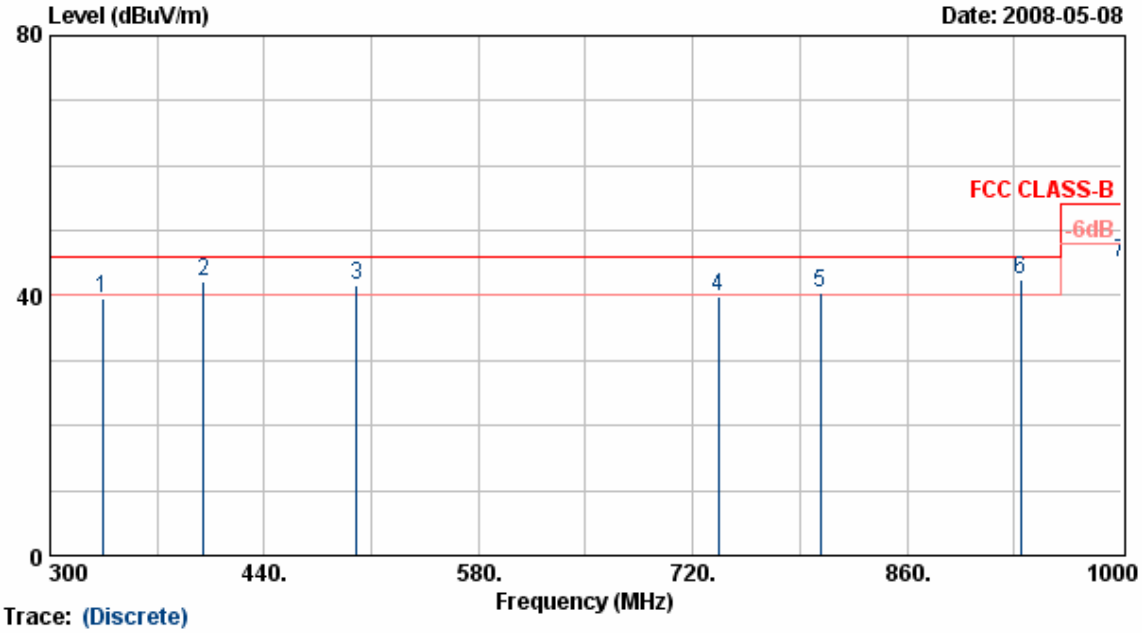
Trace: (Discrete)

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	60.70	49.77	-17.07	32.70	40.00	-7.30	Peak	100	0
2	125.00	53.65	-13.29	40.36	43.50	-3.14	QP	100	0
3	166.05	49.55	-13.00	36.55	43.50	-6.95	Peak	100	88
4	187.55	49.62	-10.20	39.42	43.50	-4.08	QP	100	88
5	200.00	51.79	-11.75	40.04	43.50	-3.46	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	13.5Mbps



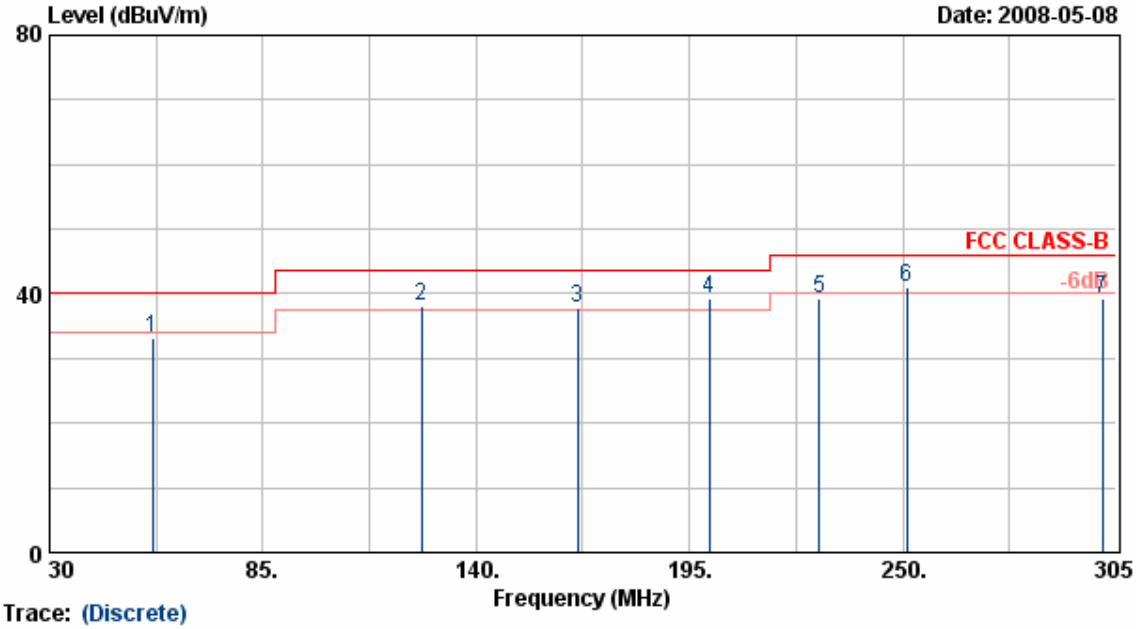
Trace: (Discrete)

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	50.23	-10.67	39.56	46.00	-6.44	Peak	100	99
2	400.00	50.96	-8.86	42.10	46.00	-3.90	QP	100	99
3	500.00	46.55	-4.86	41.69	46.00	-4.31	QP	100	99
4	736.80	36.99	2.84	39.82	46.00	-6.18	Peak	100	52
5	803.30	43.34	-2.76	40.58	46.00	-5.42	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	13.5Mbps



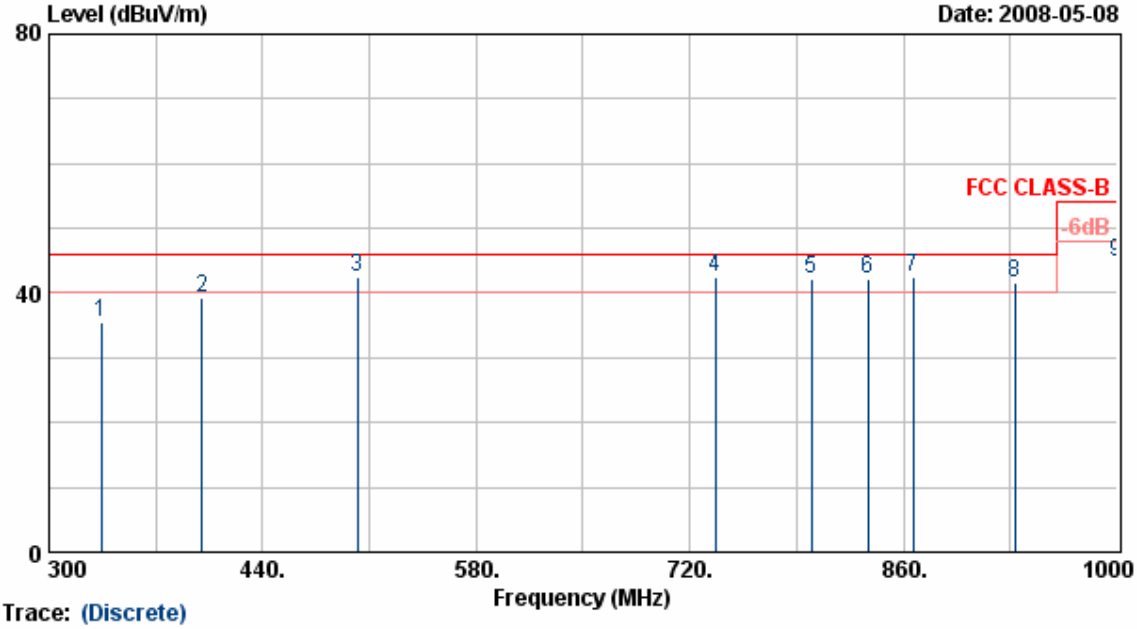
Trace: (Discrete)

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	56.50	55.11	-22.06	33.05	40.00	-6.95	Peak	200	0
2	125.99	57.68	-19.62	38.06	43.50	-5.44	QP	200	0
3	166.23	56.35	-18.64	37.71	43.50	-5.79	QP	200	72
4	200.00	53.88	-14.49	39.39	43.50	-4.11	QP	200	72
5	228.55	57.54	-18.38	39.16	46.00	-6.84	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	13.5Mbps



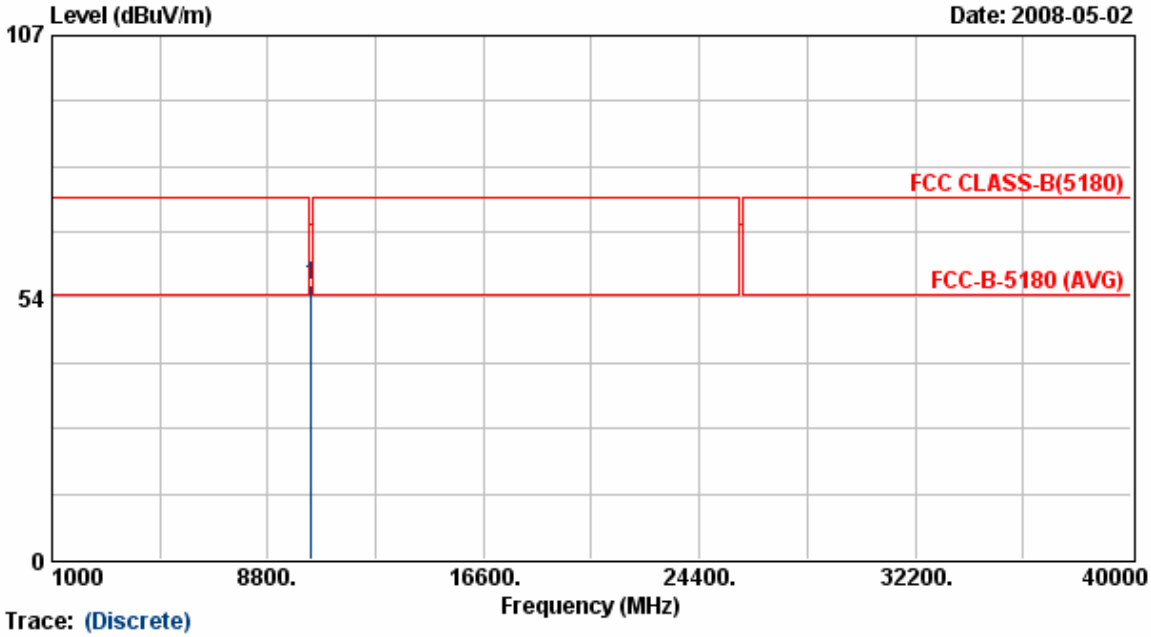
Trace: (Discrete)

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	47.65	-12.21	35.44	46.00	-10.56	Peak	200	10
2	400.00	50.45	-11.31	39.14	46.00	-6.86	Peak	200	58
3	502.30	47.46	-5.03	42.43	46.00	-3.57	QP	200	96
4	736.80	42.99	-0.52	42.46	46.00	-3.54	QP	200	125
5	799.99	42.76	-0.54	42.21	46.00	-3.79	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	13.5Mbps



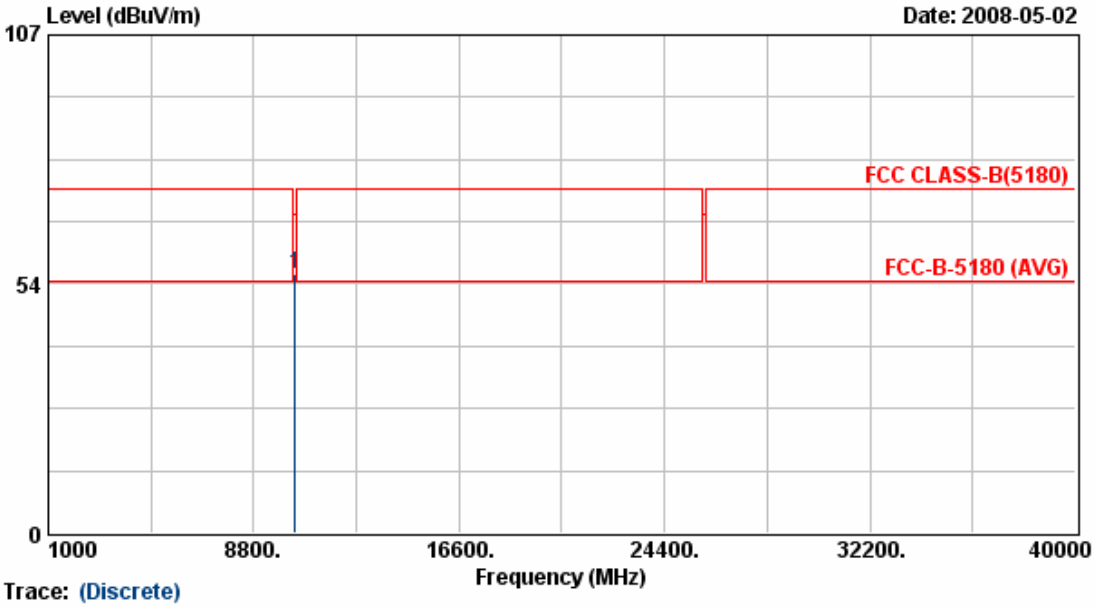
Trace: (Discrete)

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	10379.88	43.20	12.81	56.01	68.30	-12.29	Peak	100	160

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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	13.5Mbps



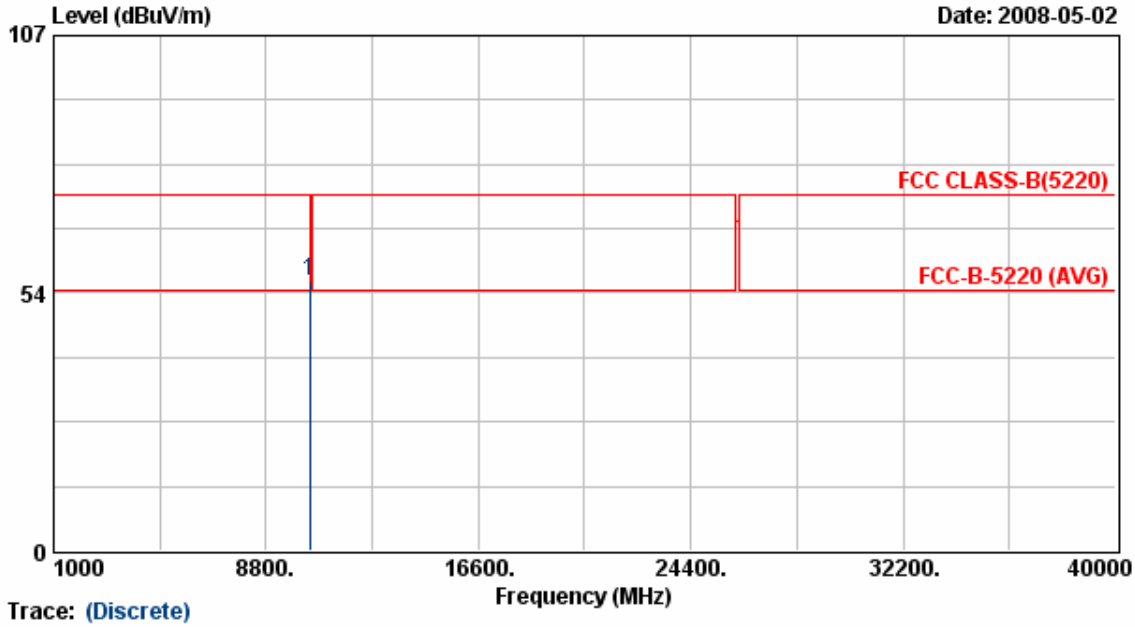
Trace: (Discrete)

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	10380.17	42.94	12.81	55.75	68.30	-12.55	Peak	100	146

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	:	42	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	13.5Mbps



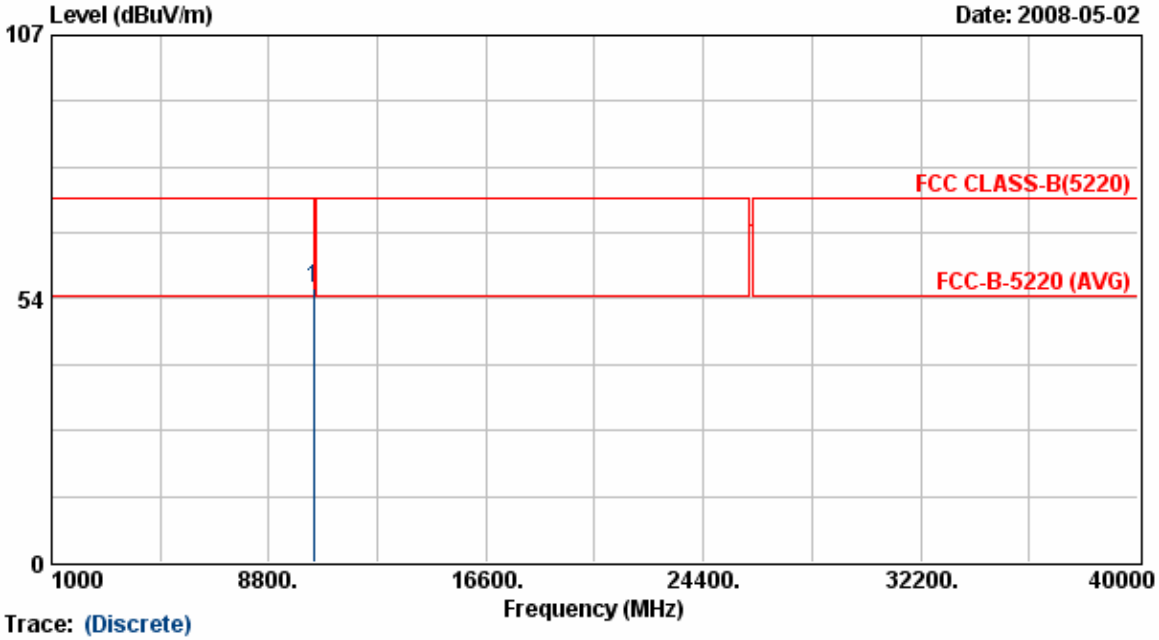
Trace: (Discrete)

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	10420.00	43.19	12.87	56.06	68.30	-12.24	Peak	100	160

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	:	42	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	13.5Mbps



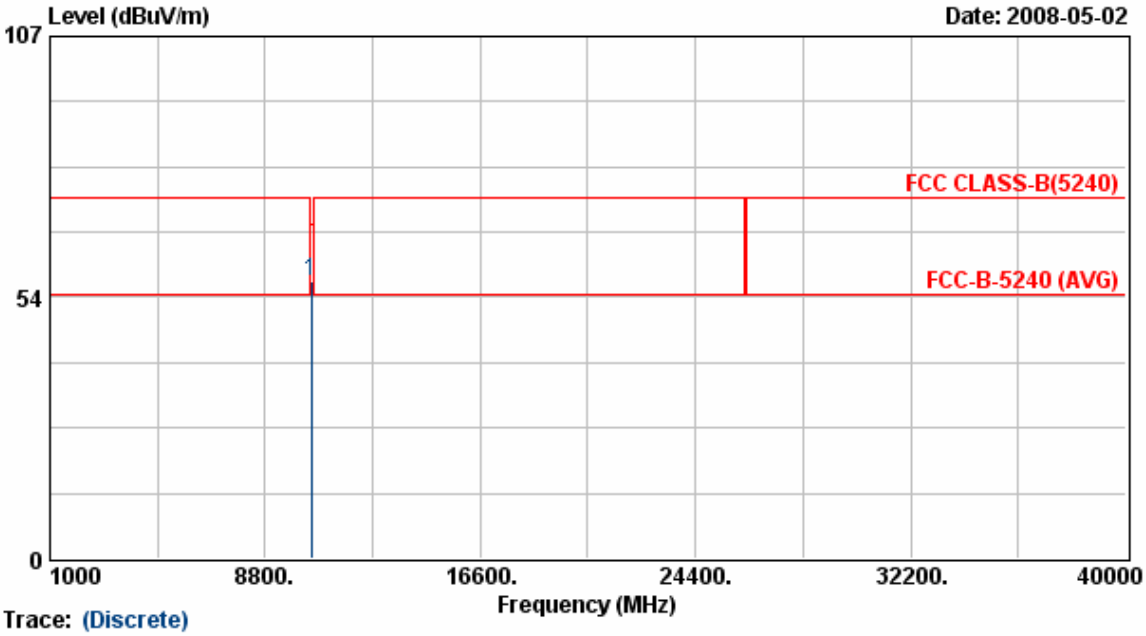
Trace: (Discrete)

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	10419.85	42.61	12.87	55.48	68.30	-12.82	Peak	100	146

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	:	46	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	13.5Mbps



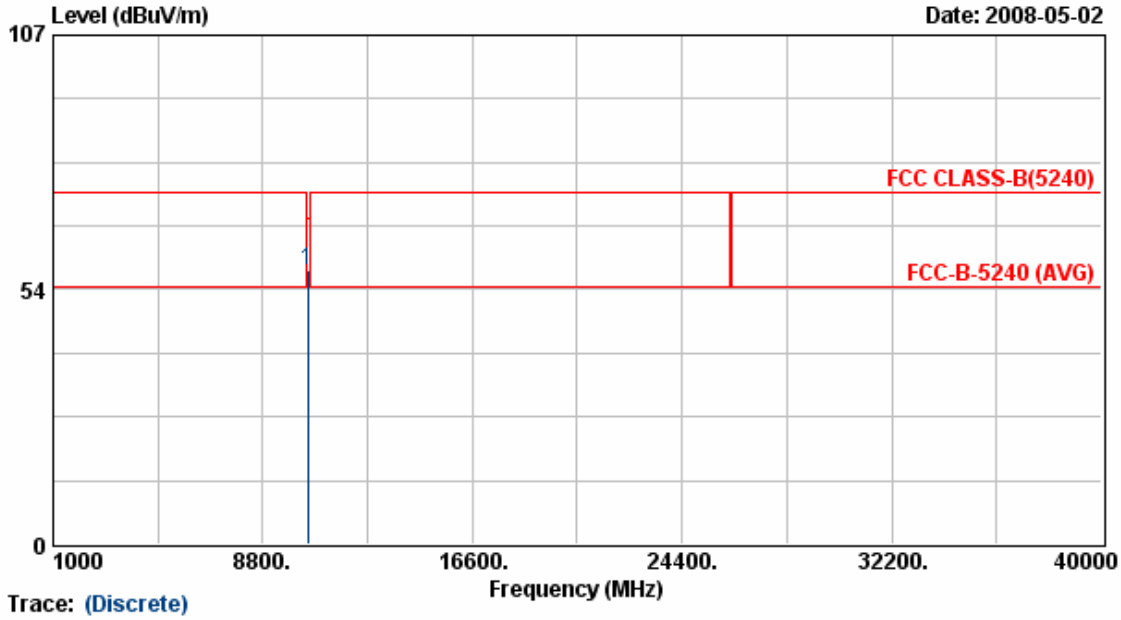
Trace: (Discrete)

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	10459.90	43.74	12.94	56.68	68.30	-11.62	Peak	100	160

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	:	46	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	13.5Mbps



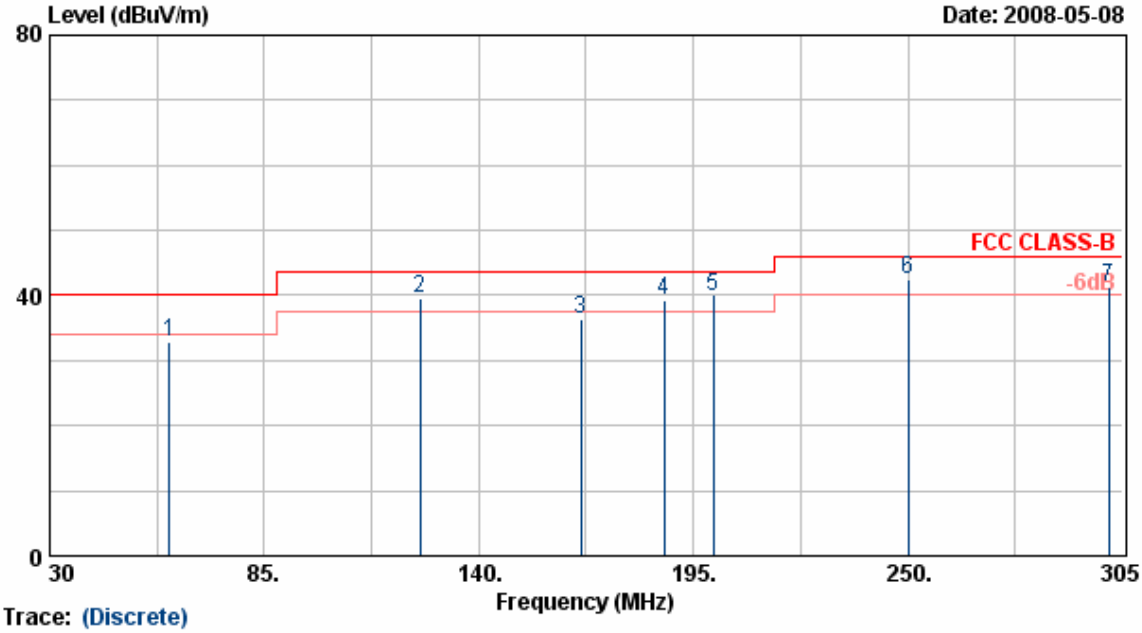
Trace: (Discrete)

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	10460.10	44.70	12.94	57.64	68.30	-10.66	Peak	100	146

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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6.5Mbps



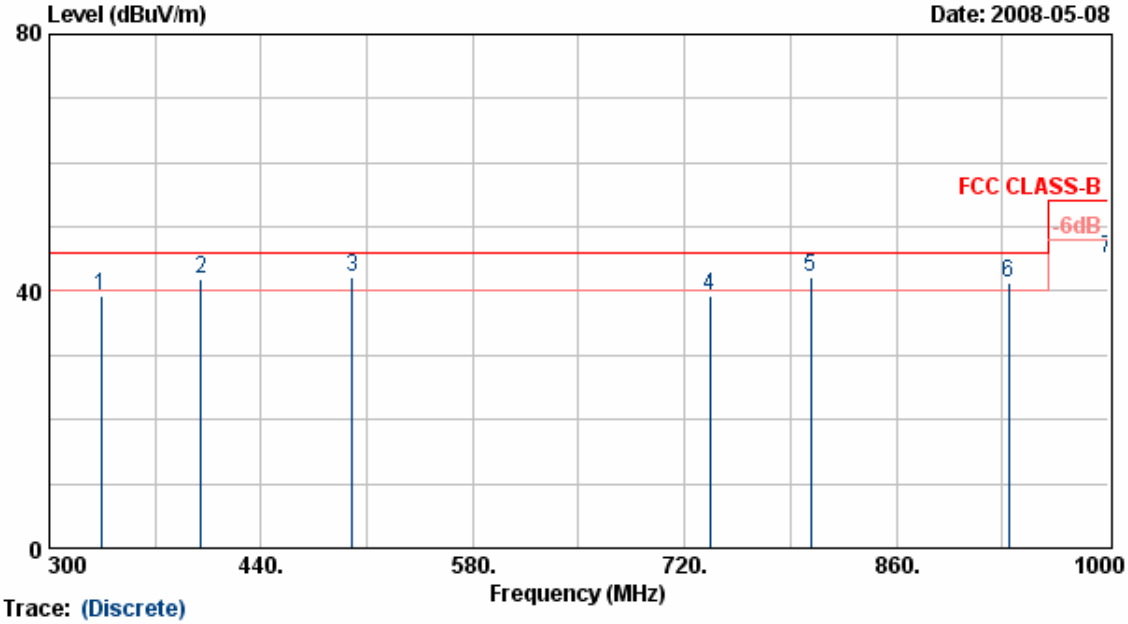
Trace: (Discrete)

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	49.88	-17.07	32.81	40.00	-7.19	Peak	100	0
2	125.00	52.88	-13.29	39.59	43.50	-3.91	QP	100	0
3	166.05	49.48	-13.00	36.47	43.50	-7.03	Peak	100	88
4	187.55	49.48	-10.20	39.28	43.50	-4.22	QP	100	88
5	200.00	51.75	-11.75	40.00	43.50	-3.50	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6.5Mbps



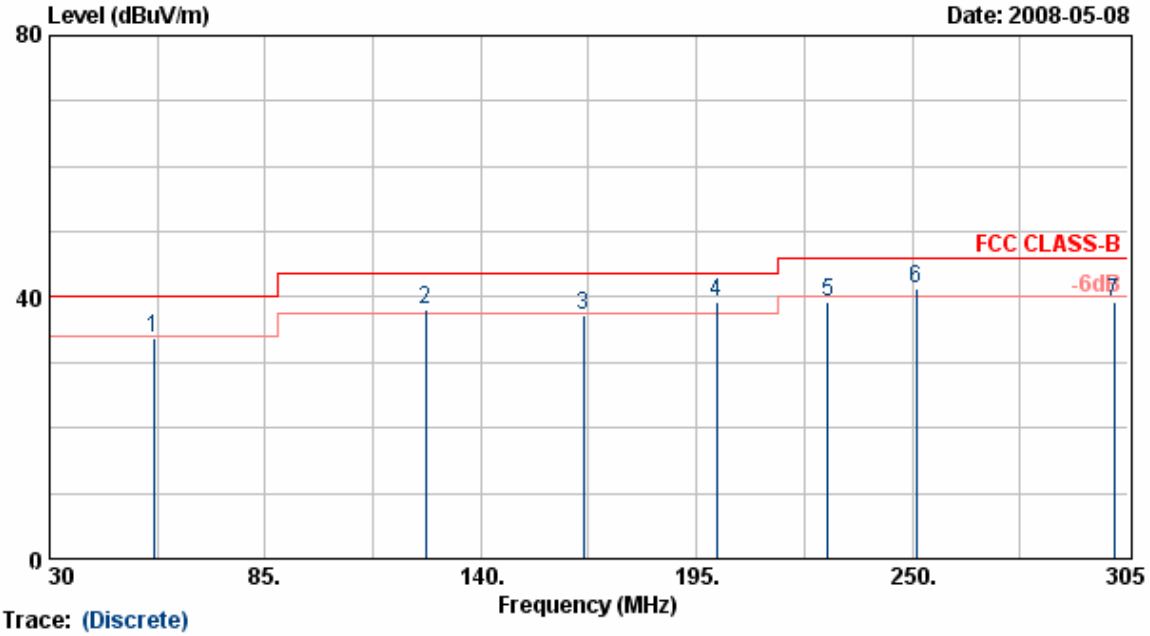
Trace: (Discrete)

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	49.86	-10.67	39.19	46.00	-6.81	Peak	100	99
2	400.00	50.89	-8.86	42.03	46.00	-3.97	QP	100	99
3	500.00	46.96	-4.86	42.10	46.00	-3.90	QP	100	99
4	736.80	36.30	2.84	39.14	46.00	-6.86	Peak	100	52
5	803.30	44.87	-2.76	42.11	46.00	-3.89	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6.5Mbps



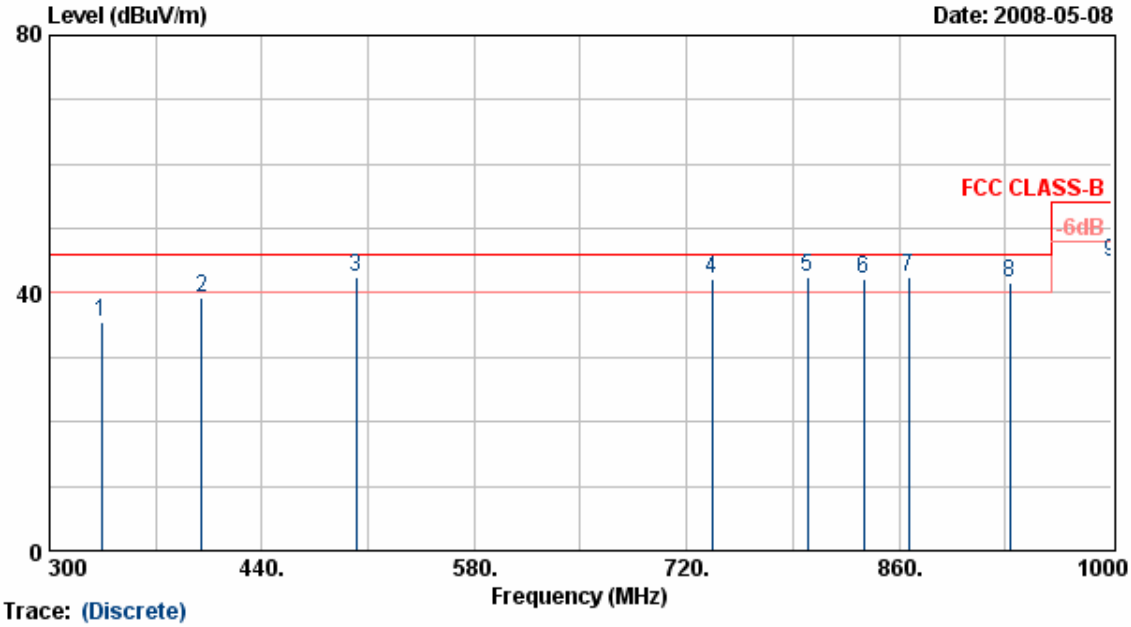
Trace: (Discrete)

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	55.79	-22.06	33.73	40.00	-6.27	Peak	200	0
2	125.99	57.86	-19.62	38.24	43.50	-5.26	QP	200	0
3	166.23	55.85	-18.64	37.20	43.50	-6.30	Peak	200	72
4	200.00	53.75	-14.49	39.26	43.50	-4.24	QP	200	72
5	228.55	57.79	-18.38	39.41	46.00	-6.59	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6.5Mbps



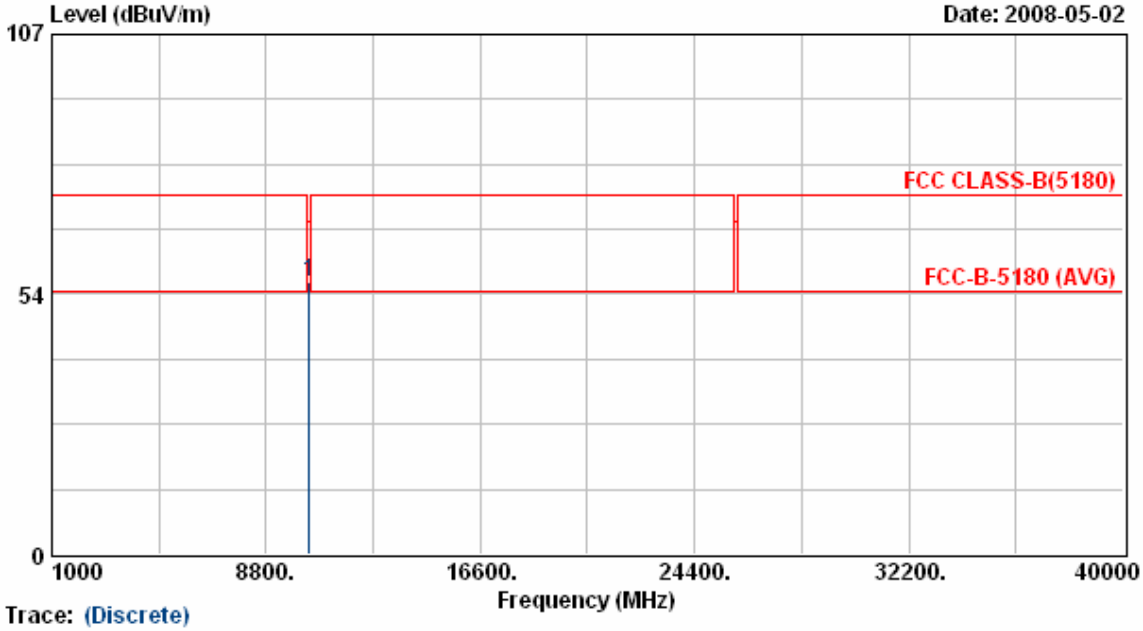
Trace: (Discrete)

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	47.81	-12.21	35.60	46.00	-10.40	Peak	200	10
2	400.00	50.46	-11.31	39.15	46.00	-6.85	Peak	200	58
3	502.30	47.49	-5.03	42.46	46.00	-3.54	QP	200	96
4	736.80	42.78	-0.52	42.26	46.00	-3.74	QP	200	125
5	799.99	42.99	-0.54	42.45	46.00	-3.55	QP	200	125
6	836.90	39.53	2.71	42.25	46.00	-3.75	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6.5Mbps



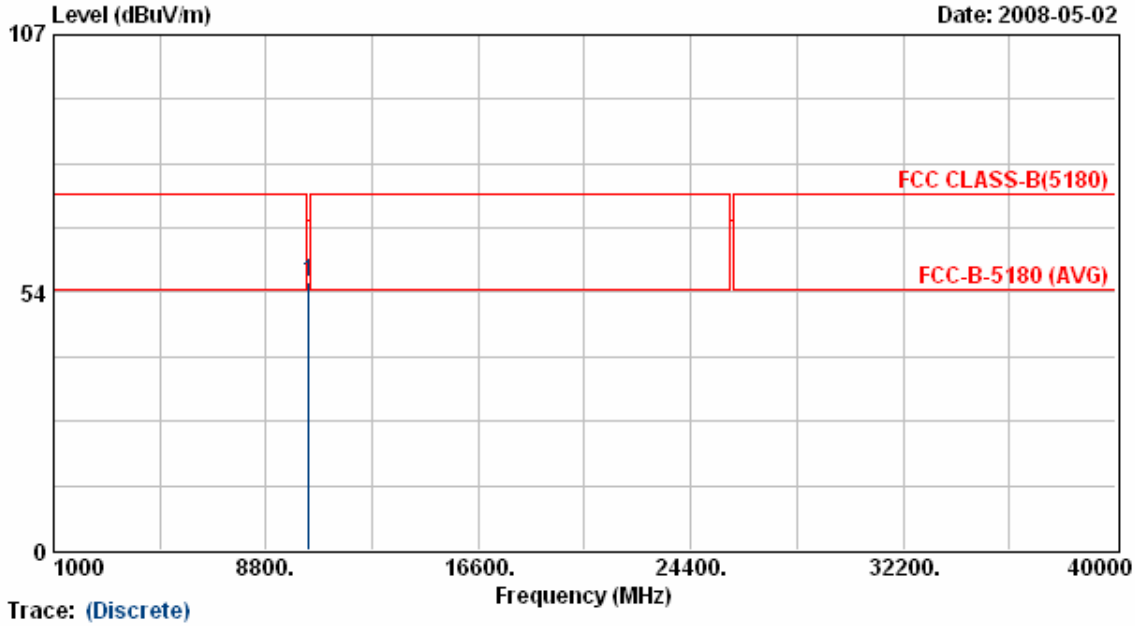
Trace: (Discrete)

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	10359.88	43.23	12.78	56.01	68.30	-12.29	Peak	100	160

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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6.5Mbps



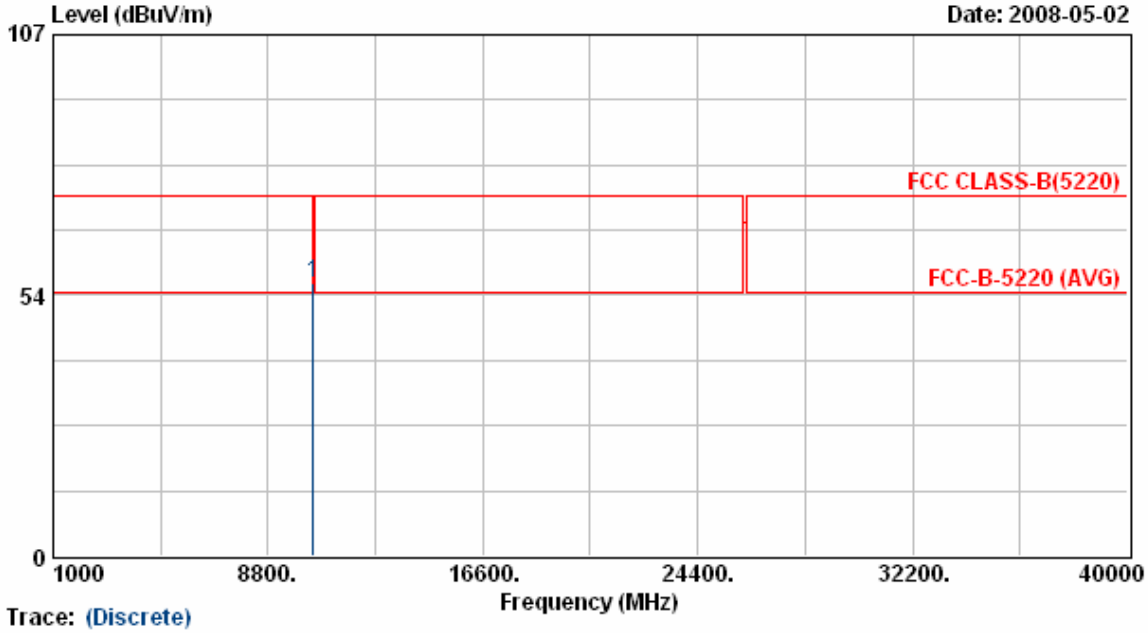
Trace: (Discrete)

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	10360.17	42.97	12.78	55.75	68.30	-12.55	Peak	100	146

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	:	44	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6.5Mbps



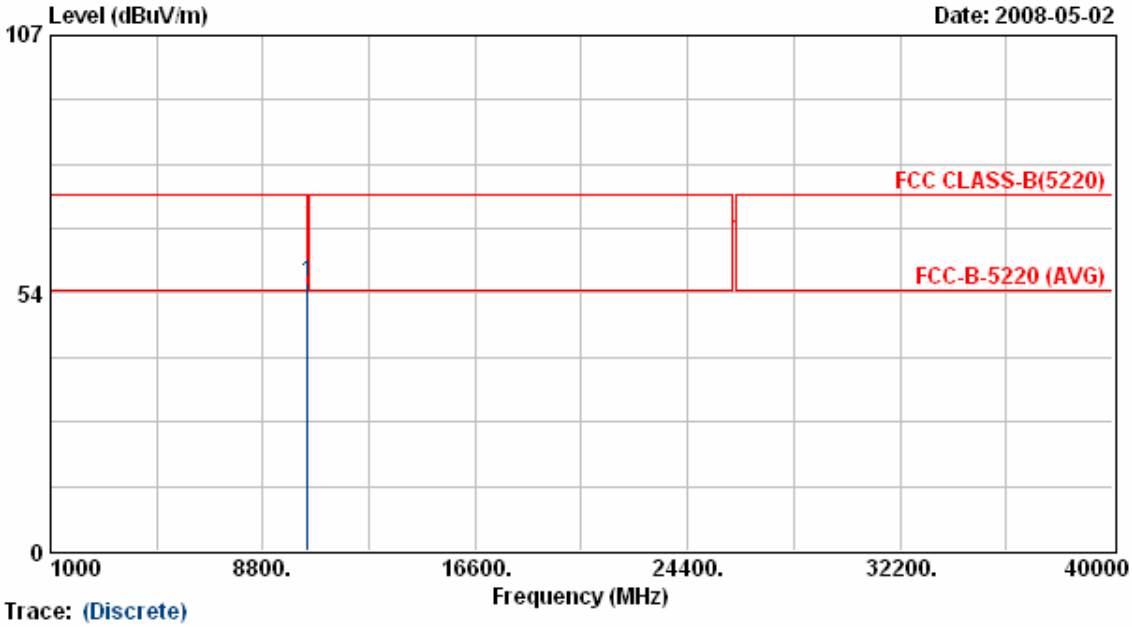
Trace: (Discrete)

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	10440.00	43.15	12.90	56.06	68.30	-12.24	Peak	100	160

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	:	44	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6.5Mbps



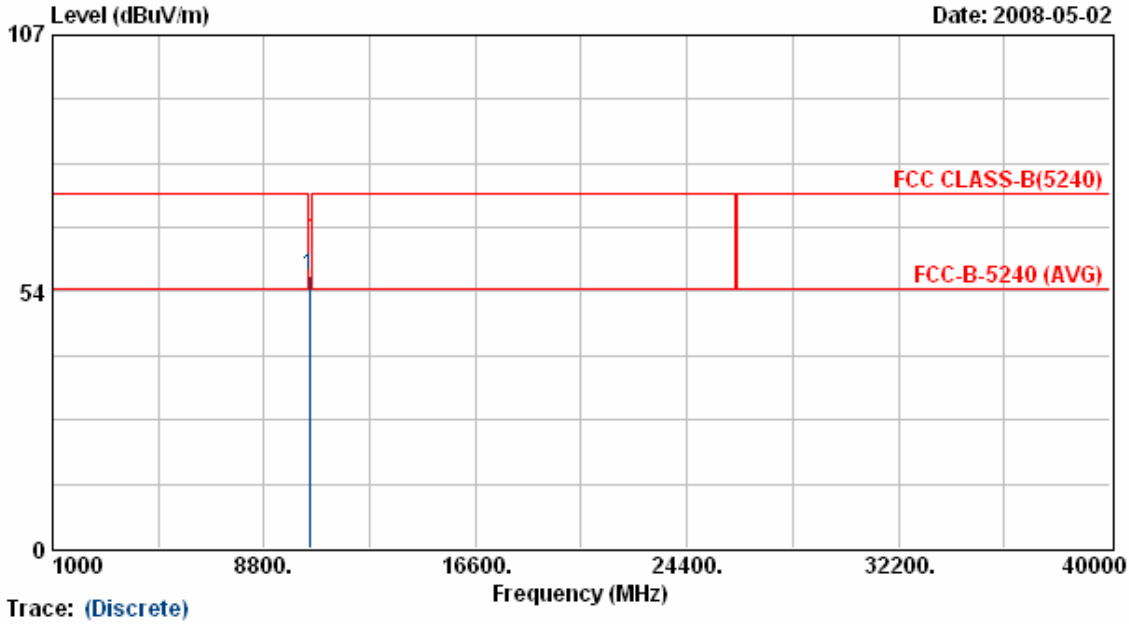
Trace: (Discrete)

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	10439.85	42.58	12.90	55.48	68.30	-12.82	Peak	100	146

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	:	48	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6.5Mbps



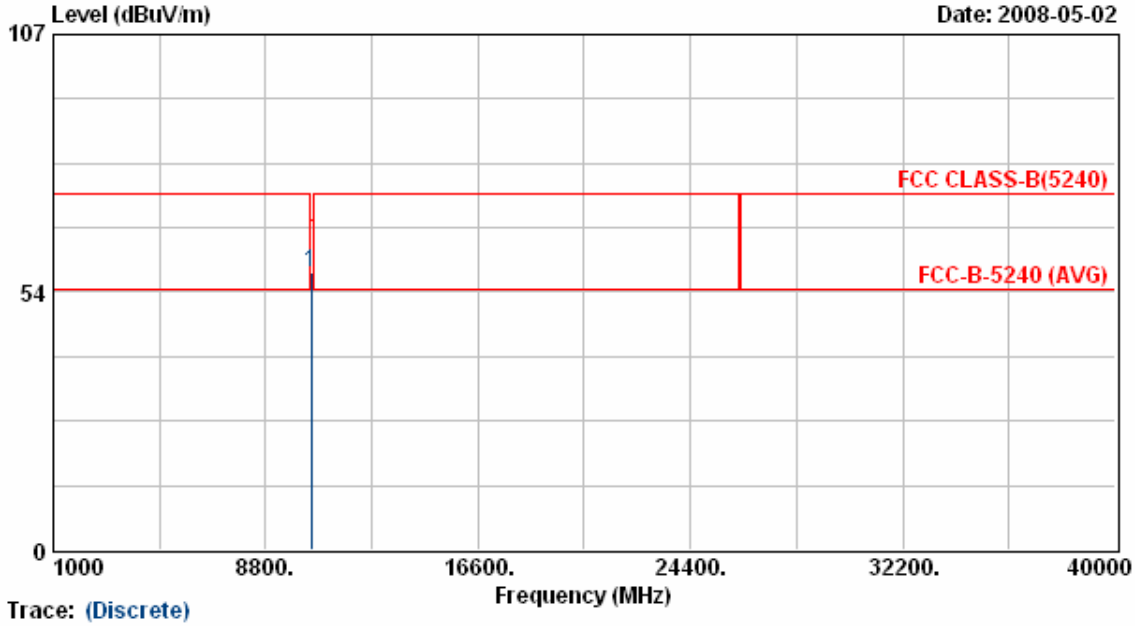
Trace: (Discrete)

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	10479.90	43.71	12.97	56.68	68.30	-11.62	Peak	100	160

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	:	48	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	6.5Mbps



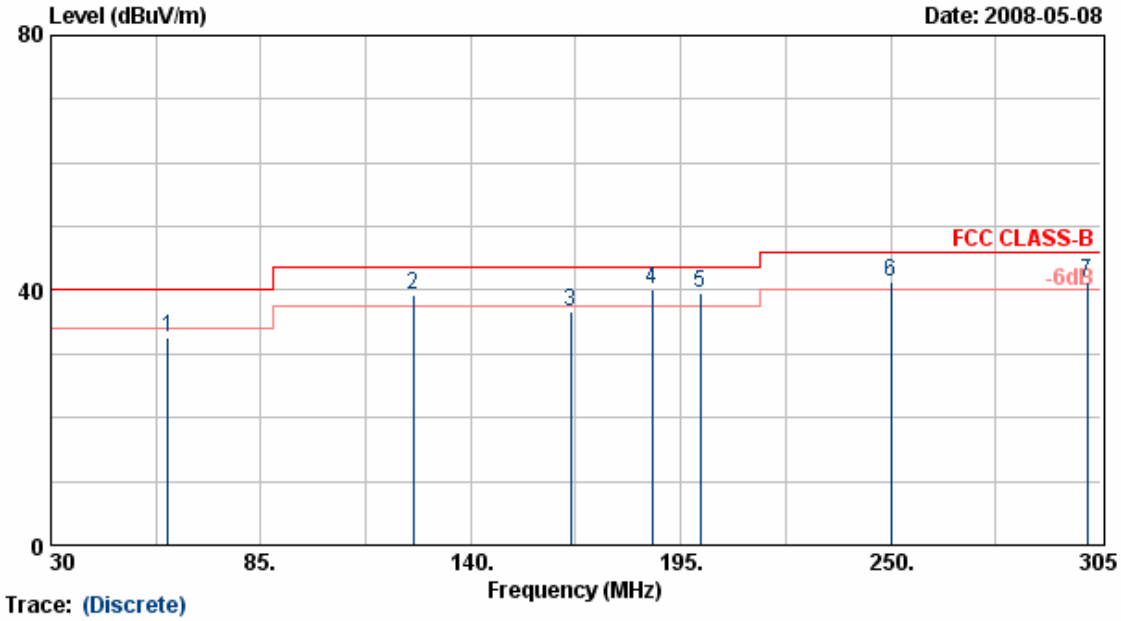
Trace: (Discrete)

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	10480.10	44.67	12.97	57.64	68.30	-10.66	Peak	100	146

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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	13.5Mbps



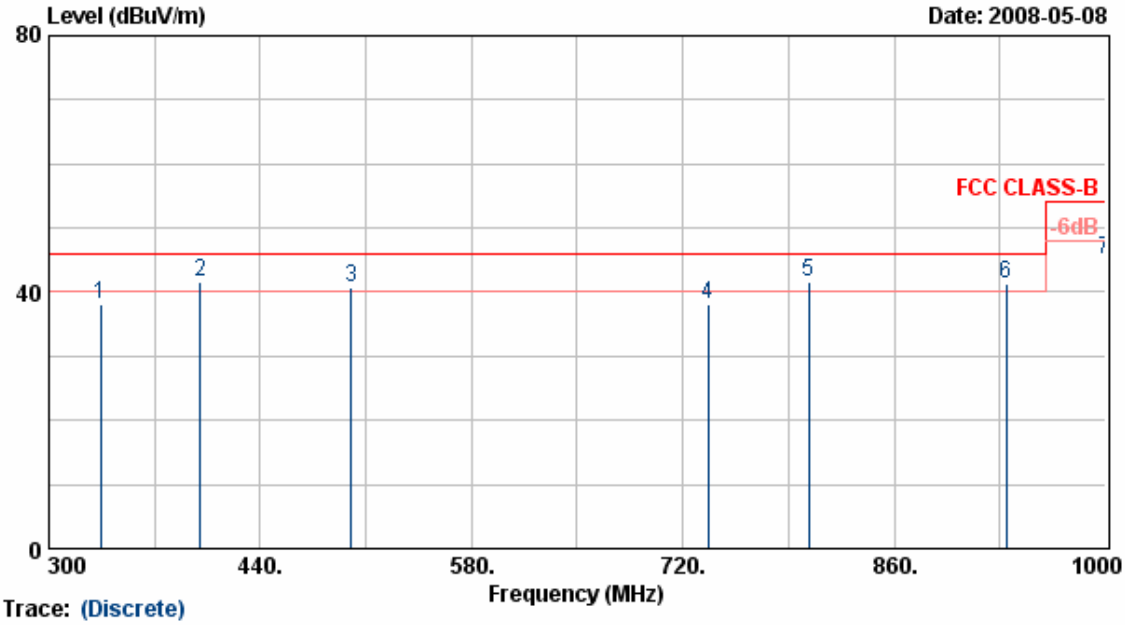
Trace: (Discrete)

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	60.70	49.57	-17.07	32.50	40.00	-7.50	Peak	100	0
2	125.00	52.47	-13.29	39.18	43.50	-4.32	QP	100	0
3	166.05	49.62	-13.00	36.62	43.50	-6.88	Peak	100	88
4	187.55	50.45	-10.20	40.25	43.50	-3.25	QP	100	88
5	200.00	51.33	-11.75	39.58	43.50	-3.92	QP	100	55
6	250.00	54.49	-13.04	41.45	46.00	-4.55	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	13.5Mbps



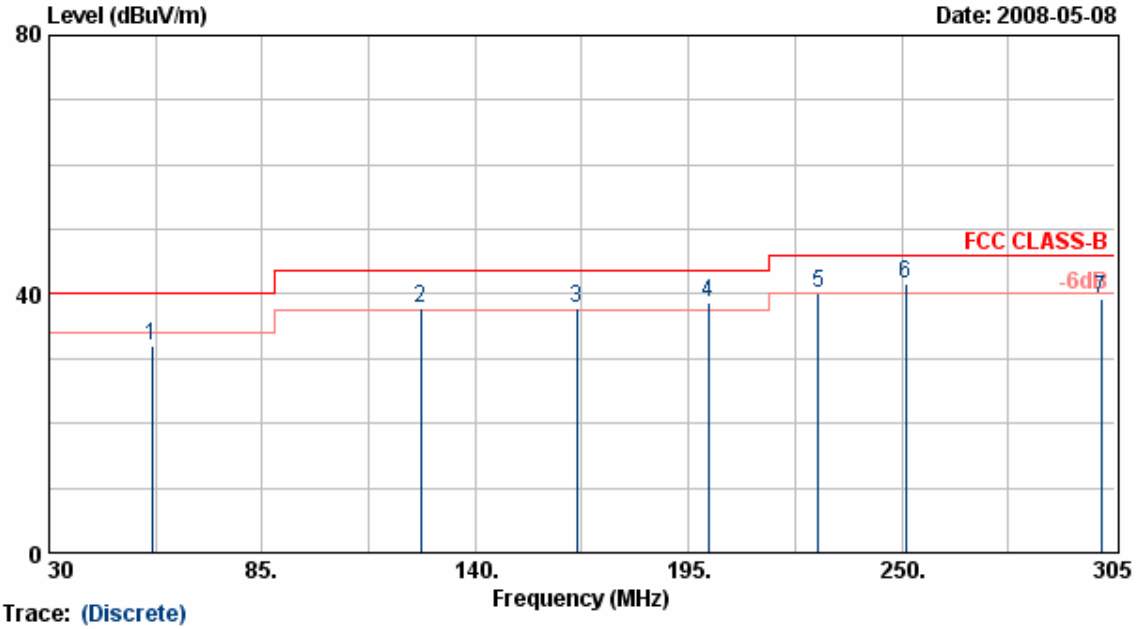
Trace: (Discrete)

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	48.79	-10.67	38.11	46.00	-7.89	Peak	100	99
2	400.00	50.39	-8.86	41.53	46.00	-4.47	QP	100	99
3	500.00	45.50	-4.86	40.64	46.00	-5.36	QP	100	99
4	736.80	35.39	2.84	38.23	46.00	-7.77	Peak	100	52
5	803.30	44.46	-2.76	41.70	46.00	-4.30	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	13.5Mbps



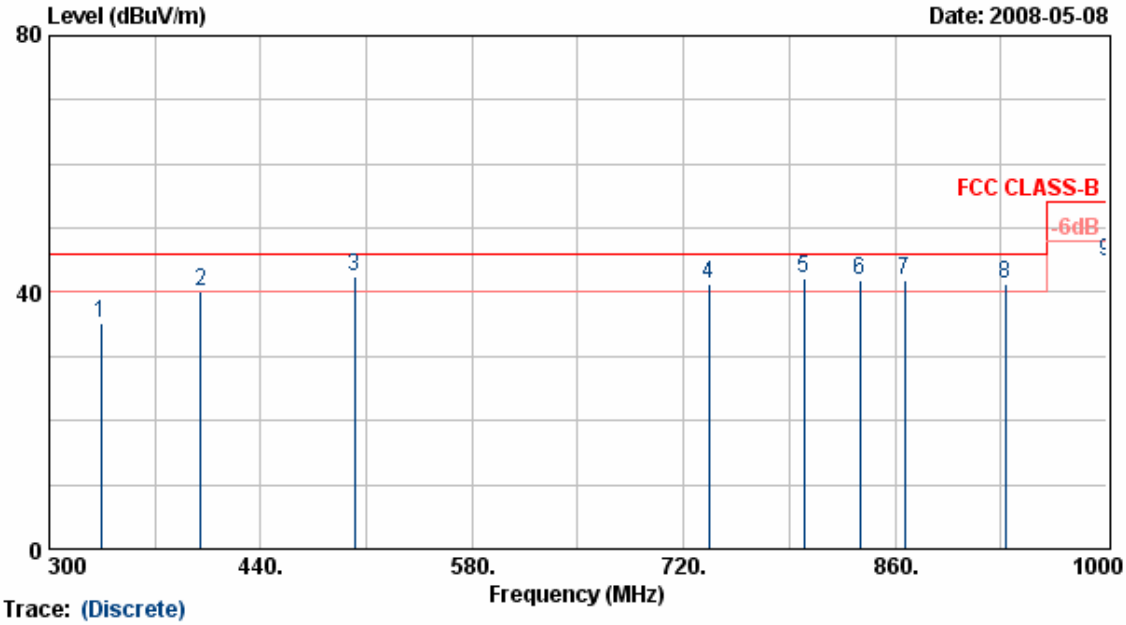
Trace: (Discrete)

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	56.50	54.12	-22.06	32.06	40.00	-7.94	Peak	200	0
2	125.99	57.31	-19.62	37.69	43.50	-5.81	QP	200	0
3	166.23	56.46	-18.64	37.82	43.50	-5.68	QP	200	72
4	200.00	53.17	-14.49	38.68	43.50	-4.82	QP	200	72
5	228.55	58.46	-18.38	40.08	46.00	-5.92	QP	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	13.5Mbps



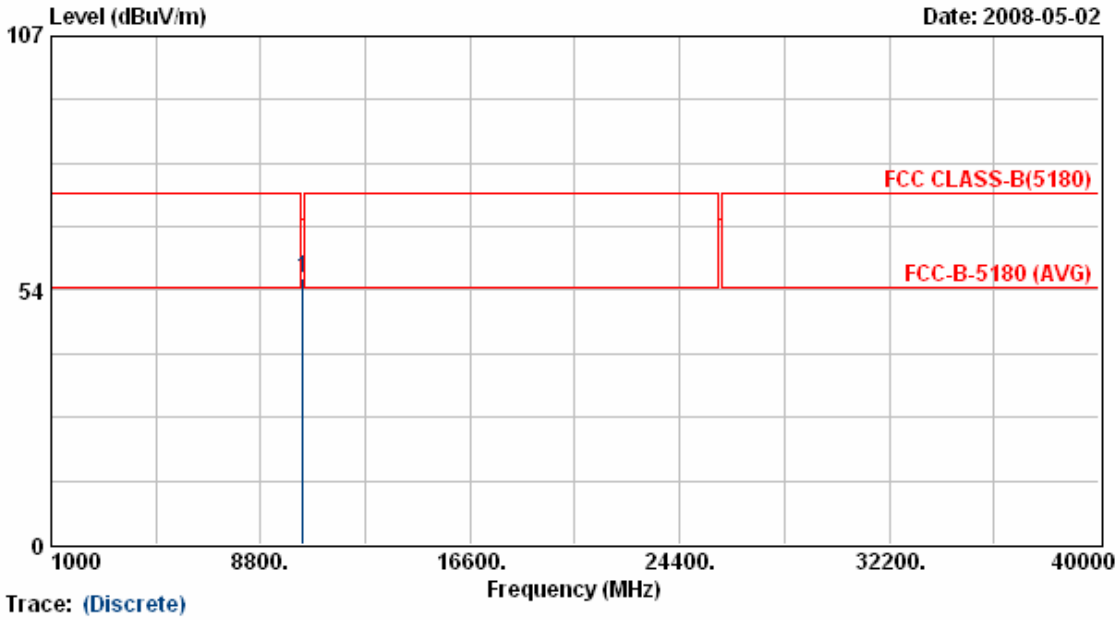
Trace: (Discrete)

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	47.46	-12.21	35.25	46.00	-10.75	Peak	200	10
2	400.00	51.48	-11.31	40.17	46.00	-5.83	QP	200	58
3	502.30	47.47	-5.03	42.44	46.00	-3.56	QP	200	96
4	736.80	41.97	-0.52	41.45	46.00	-4.55	QP	200	125
5	799.99	42.65	-0.54	42.11	46.00	-3.89	QP	200	125
6	836.90	39.25	2.71	41.96	46.00	-4.04	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	13.5Mbps



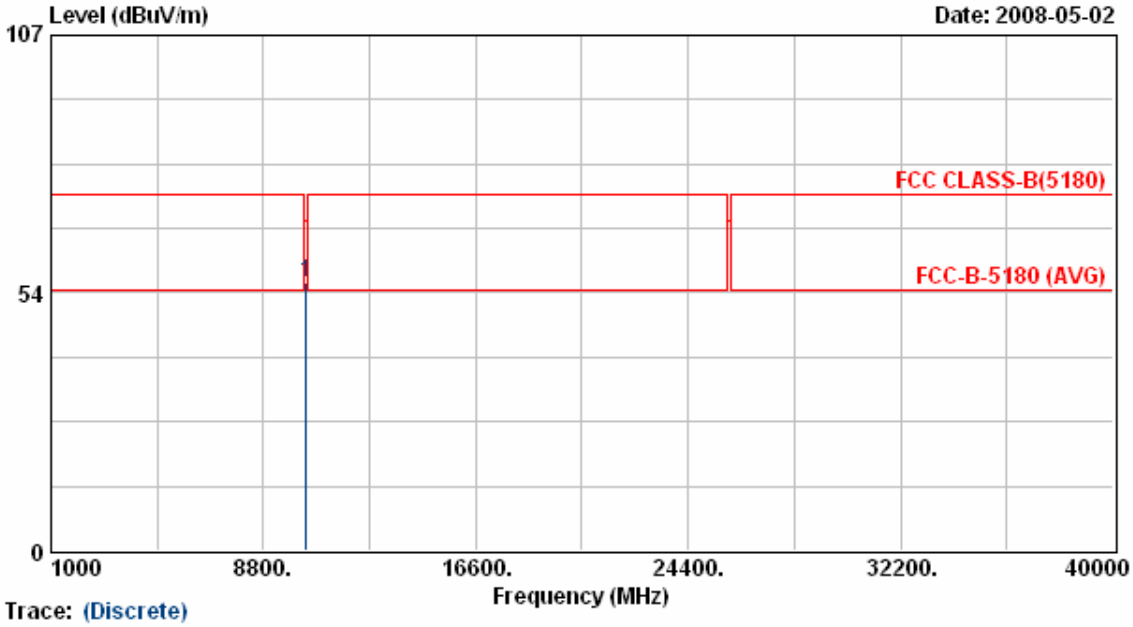
Trace: (Discrete)

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	10379.88	43.20	12.81	56.01	68.30	-12.29	Peak	100	160

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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	13.5Mbps



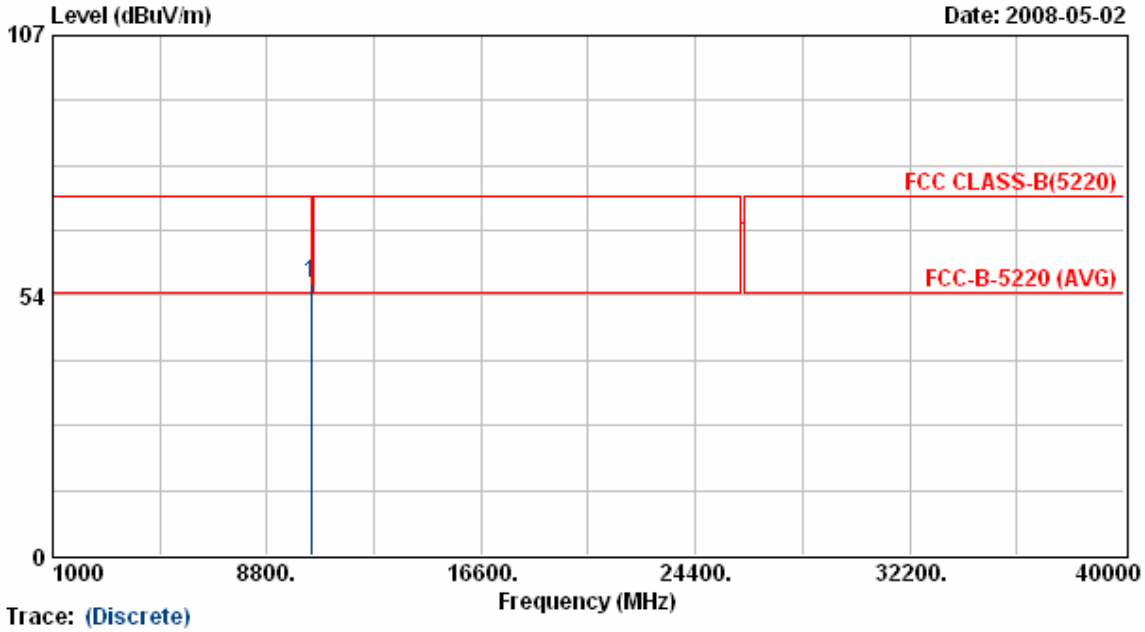
Trace: (Discrete)

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	10380.17	42.94	12.81	55.75	68.30	-12.55	Peak	100	146

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	:	42	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	13.5Mbps



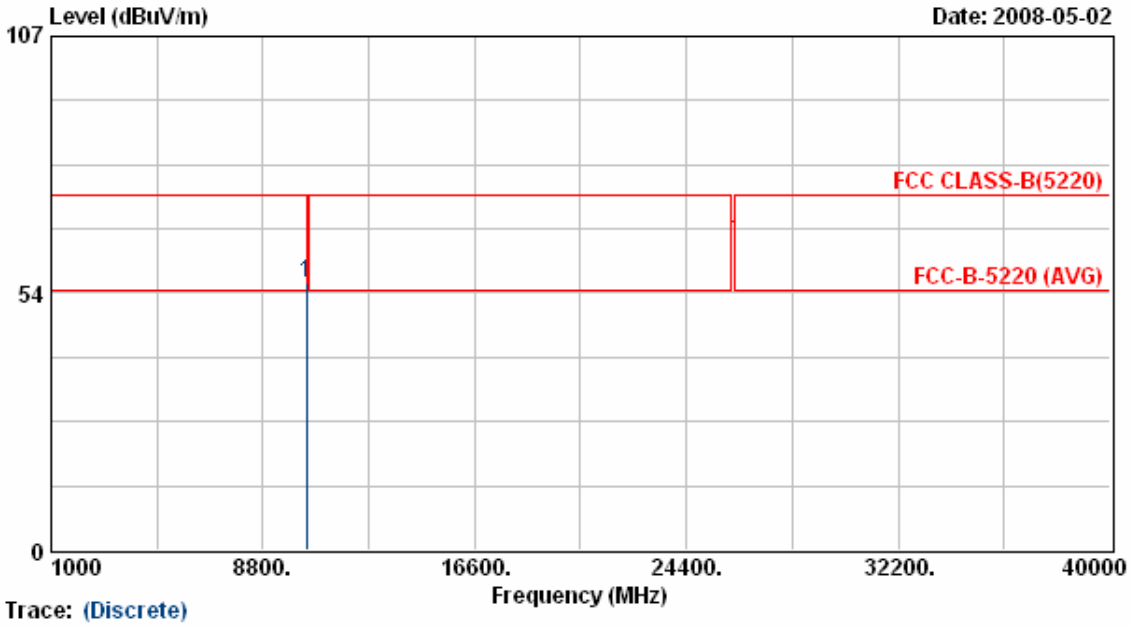
Trace: (Discrete)

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	10420.00	43.19	12.87	56.06	68.30	-12.24	Peak	100	160

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	:	42	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	13.5Mbps



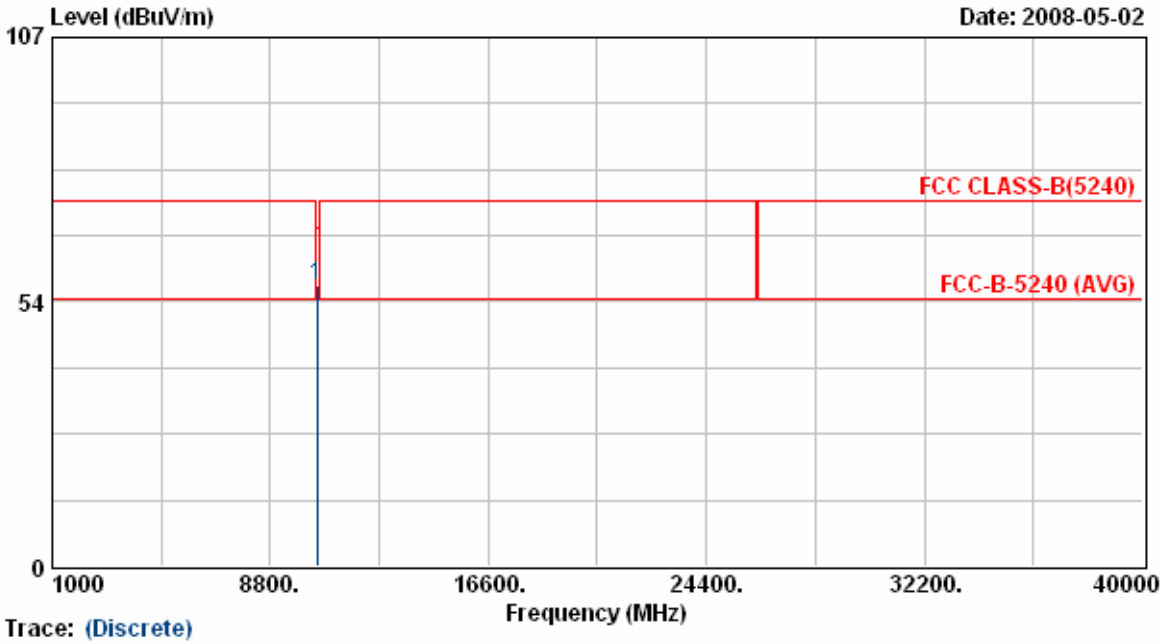
Trace: (Discrete)

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	10419.85	42.61	12.87	55.48	68.30	-12.82	Peak	100	146

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	:	46	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	13.5Mbps



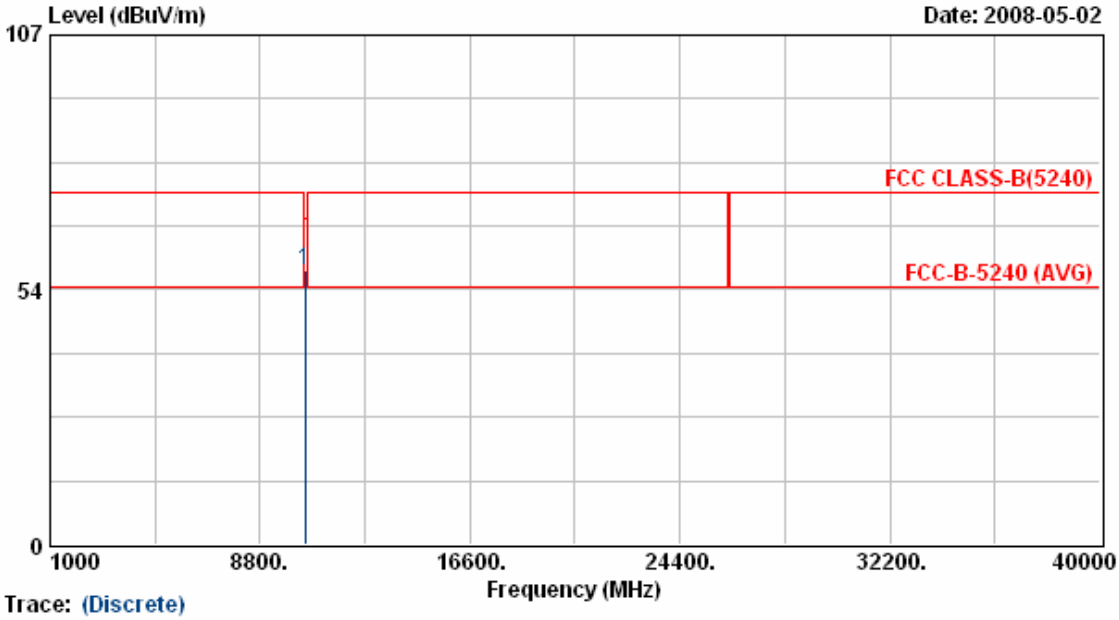
Trace: (Discrete)

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	10459.90	43.74	12.94	56.68	68.30	-11.62	Peak	100	160

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	:	46	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	DSA-20P-10 US 120180	Rate	:	13.5Mbps



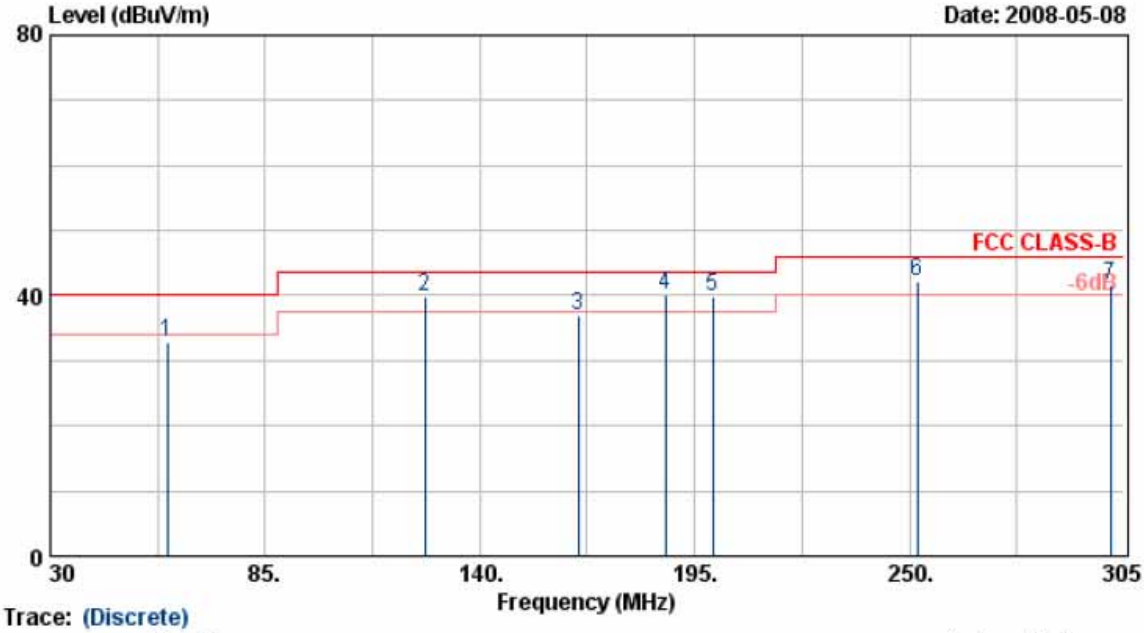
Trace: (Discrete)

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	10460.10	44.70	12.94	57.64	68.30	-10.66	Peak	100	146

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	:	36	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6Mbps



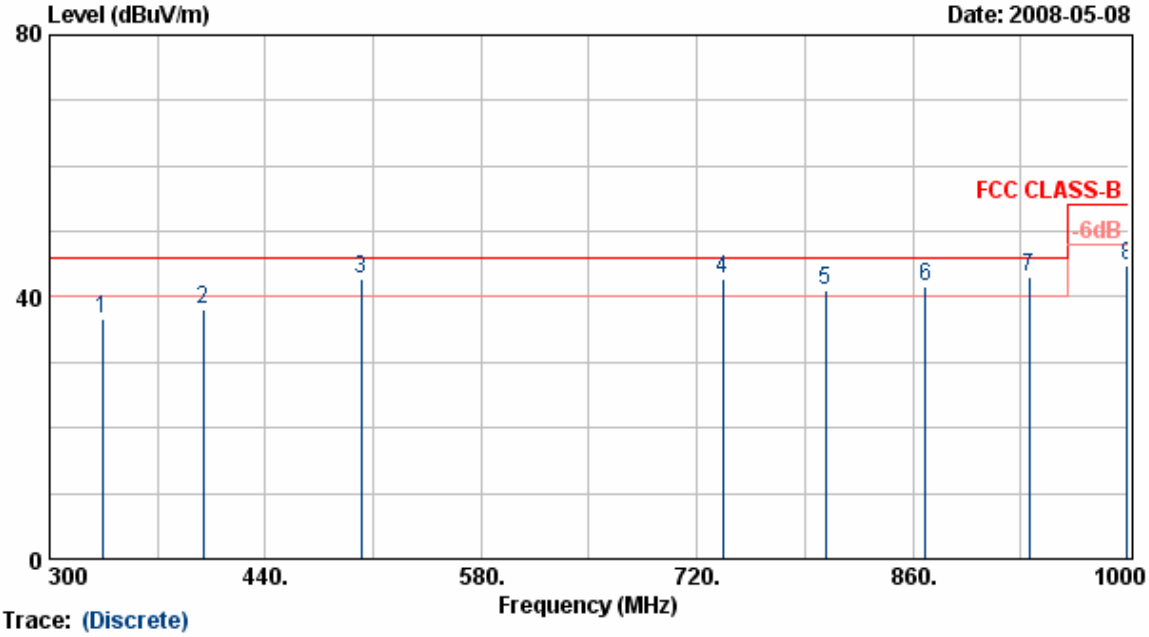
Trace: (Discrete)

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	59.98	49.70	-16.69	33.01	40.00	-6.99	Peak	100	55
2	125.99	53.52	-13.65	39.87	43.50	-3.63	QP	100	111
3	165.30	49.99	-13.12	36.86	43.50	-6.64	Peak	100	111
4	187.58	50.33	-10.21	40.12	43.50	-3.38	QP	100	256
5	199.70	51.47	-11.71	39.76	43.50	-3.74	QP	100	210
6	251.93	53.98	-11.79	42.19	46.00	-3.81	QP	100	188
7	301.43	50.79	-9.09	41.70	46.00	-4.30	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 802.11a mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
5. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	VERTICAL
Test Mode 6	:	Transmit / Receive	Temperature	:	25 °C
Operation Channel	:	36	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6Mbps



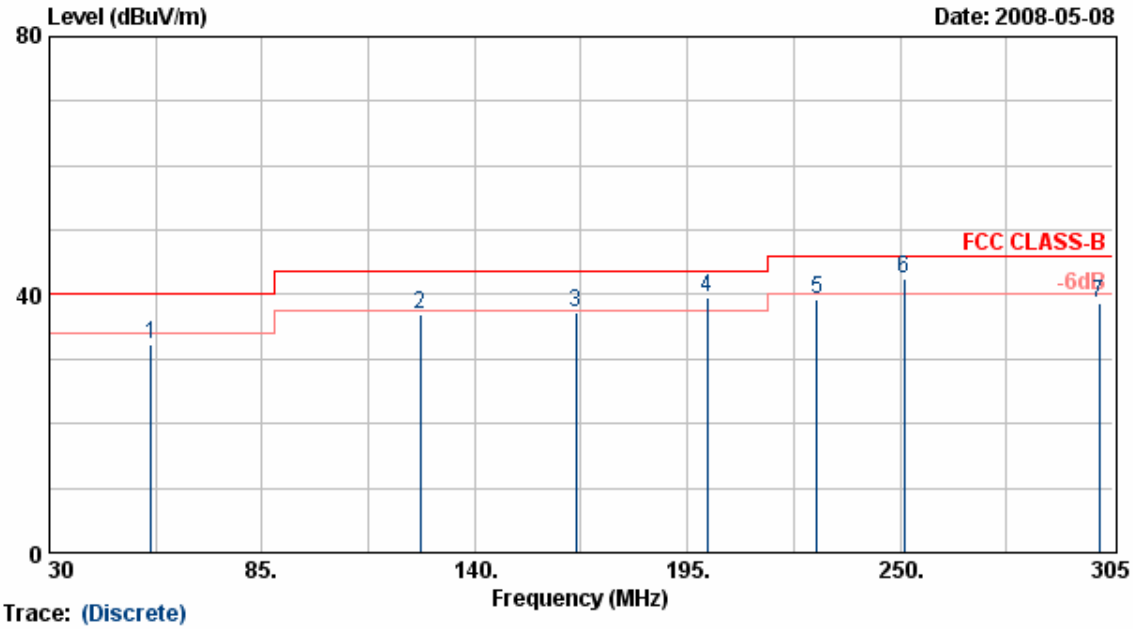
Trace: (Discrete)

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	47.40	-10.67	36.73	46.00	-9.27	Peak	100	222
2	399.40	46.74	-8.62	38.12	46.00	-7.88	Peak	100	102
3	502.30	47.79	-4.95	42.84	46.00	-3.16	QP	100	102
4	736.80	39.98	2.84	42.82	46.00	-3.18	QP	100	50
5	803.30	43.87	-2.76	41.11	46.00	-4.89	QP	100	50
6	868.40	40.71	0.96	41.67	46.00	-4.33	QP	100	50
7	935.60	43.89	-0.92	42.97	46.00	-3.03	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 802.11a mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
5. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode 6	:	Transmit / Receive	Temperature	:	25 °C
Operation Channel	:	36	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6Mbps

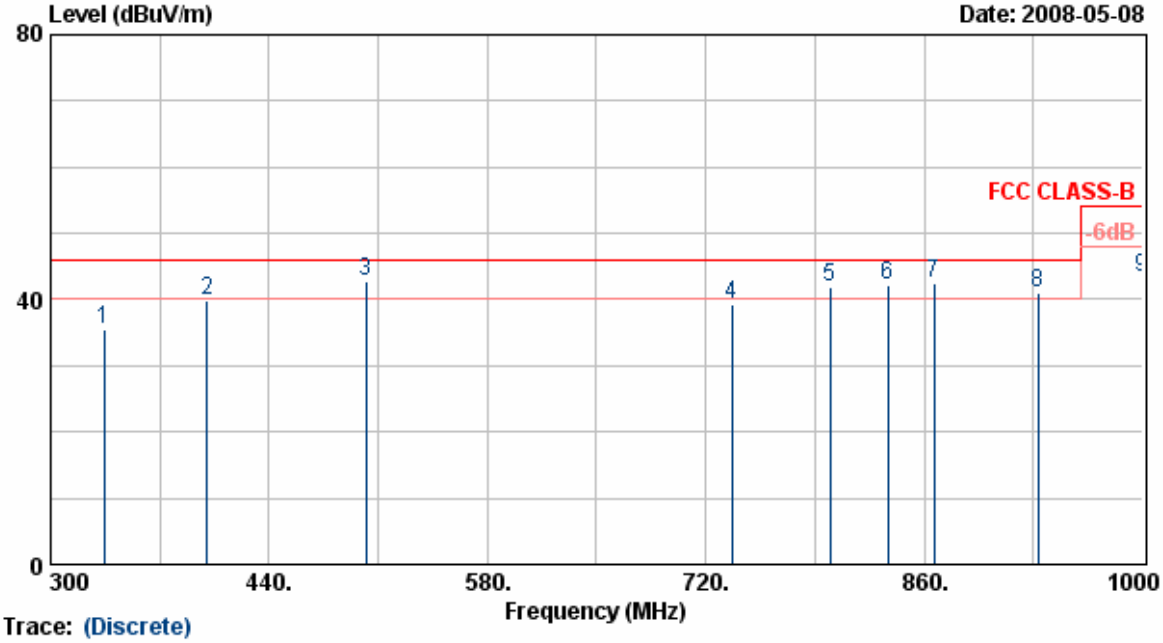


Trace: (Discrete)

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	54.47	-22.04	32.42	40.00	-7.58	Peak	200	111
2	125.98	56.66	-19.62	37.04	43.50	-6.46	Peak	200	110
3	166.25	55.90	-18.64	37.26	43.50	-6.24	Peak	200	110
4	200.00	54.10	-14.49	39.61	43.50	-3.89	QP	200	98
5	228.55	57.60	-18.38	39.22	46.00	-6.78	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. According to technical experiences,all spurious emission of 802.11a mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
5. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	HORIZONTAL
Test Mode 6	:	Transmit / Receive	Temperature	:	25 °C
Operation Channel	:	36	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6Mbps



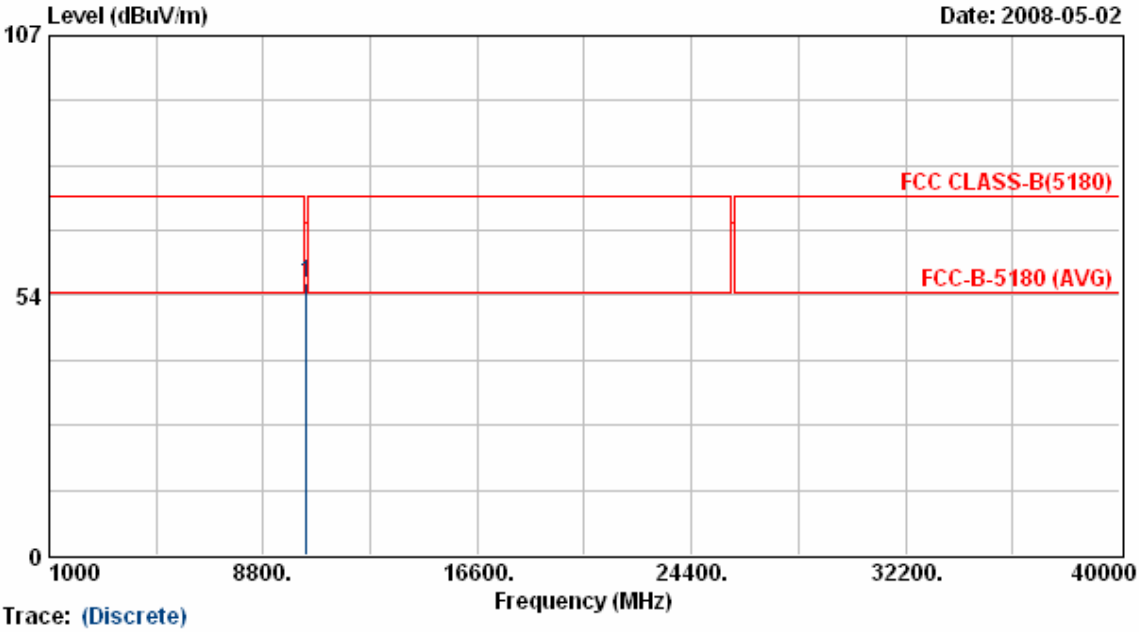
Trace: (Discrete)

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	47.75	-12.21	35.54	46.00	-10.46	Peak	200	111
2	400.00	51.21	-11.31	39.90	46.00	-6.10	Peak	200	111
3	502.30	47.70	-5.03	42.67	46.00	-3.33	QP	200	111
4	736.80	39.68	-0.52	39.16	46.00	-6.84	Peak	200	184
5	799.99	42.52	-0.54	41.97	46.00	-4.03	QP	200	184
6	836.90	39.52	2.71	42.23	46.00	-3.77	QP	200	117
7	866.66	38.88	3.60	42.48	46.00	-3.52	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 802.11a mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
5. The data is worse case.

Power	:	AC 120V	Pol/Phase	:	VERTICAL
Test Mode 6	:	Transmit / Receive	Temperature	:	25 °C
Operation Channel	:	36	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6Mbps



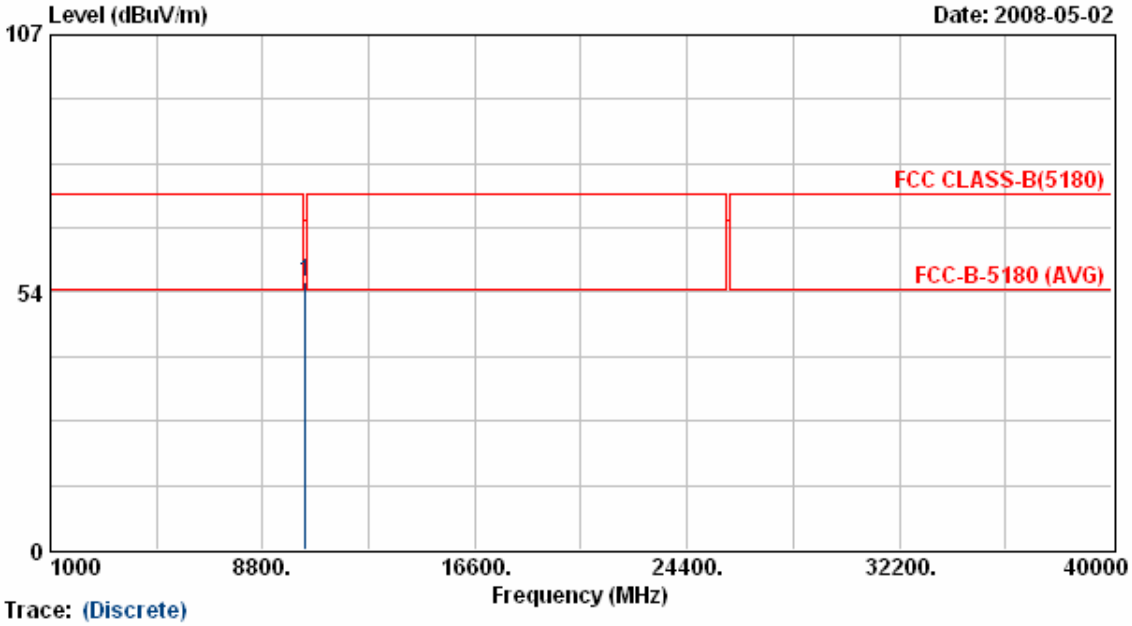
Trace: (Discrete)

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	10359.88	43.23	12.78	56.01	68.30	-12.29	Peak	100	160

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	:	36	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6Mbps



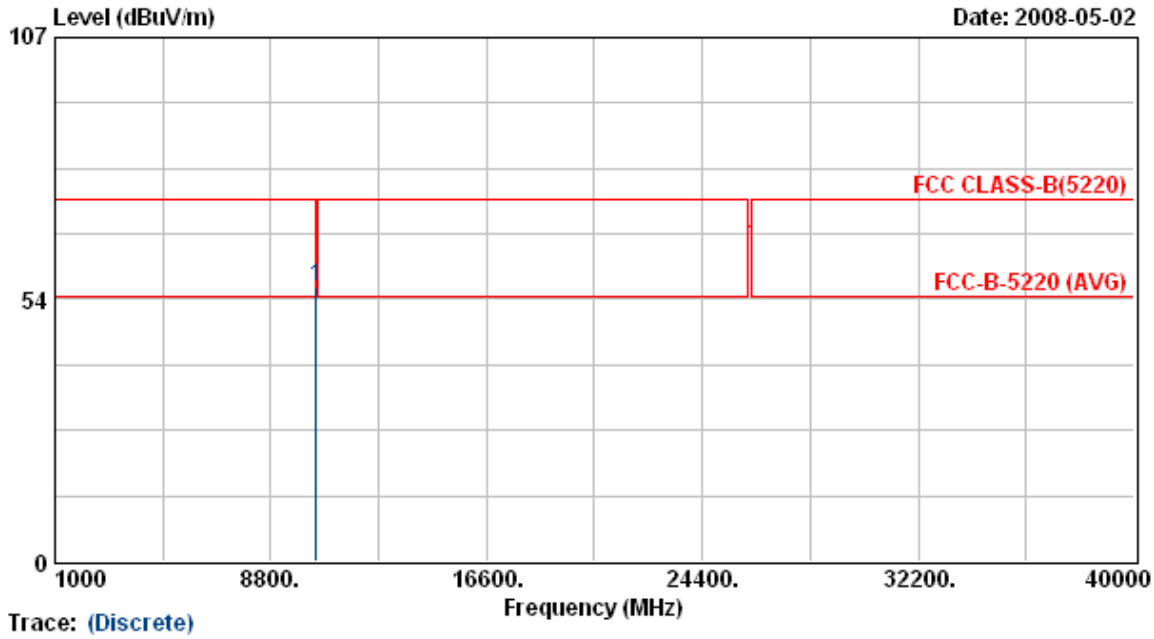
Trace: (Discrete)

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	10360.17	42.97	12.78	55.75	68.30	-12.55	Peak	100	146

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	:	44	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6Mbps

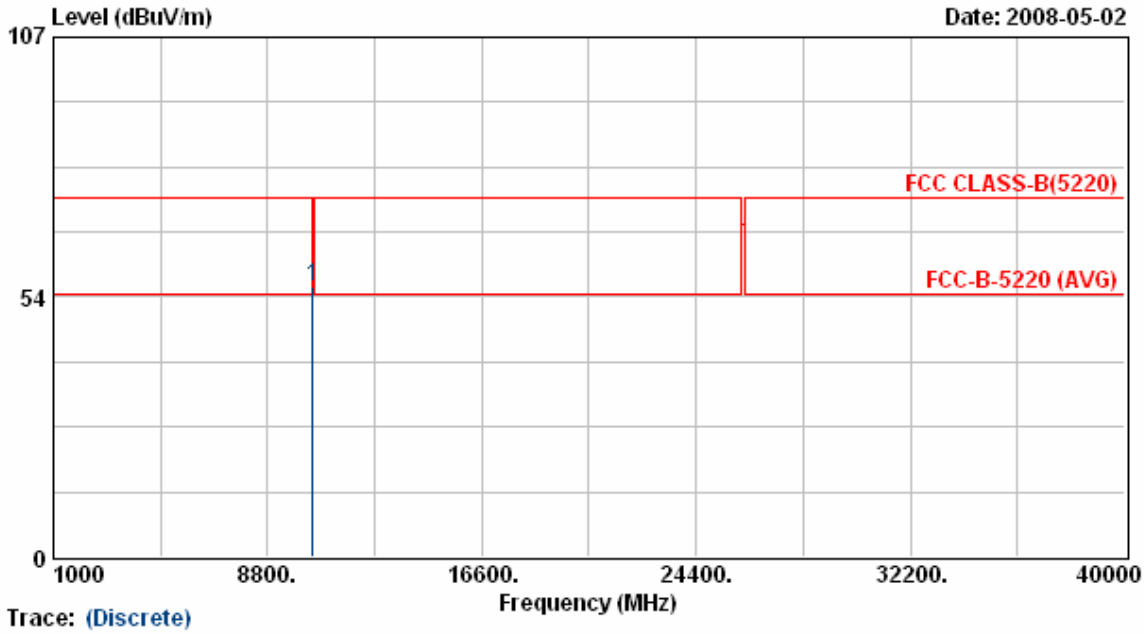


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	10440.00	43.15	12.90	56.06	68.30	-12.24	Peak	100	160

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	:	44	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6Mbps



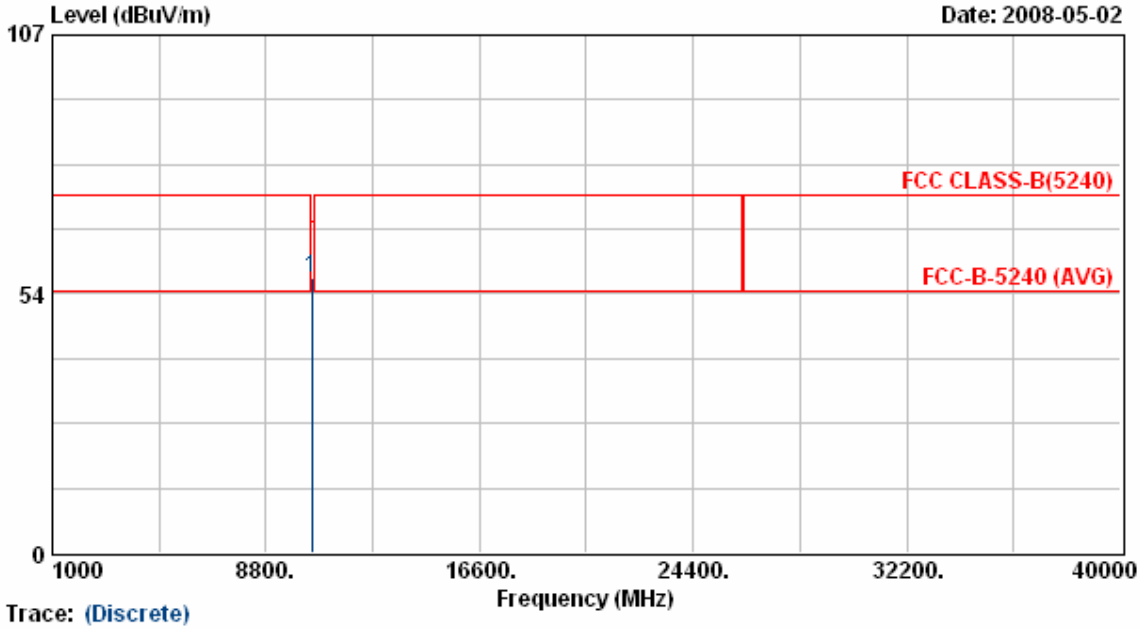
Trace: (Discrete)

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	10439.85	42.58	12.90	55.48	68.30	-12.82	Peak	100	146

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	:	48	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6Mbps



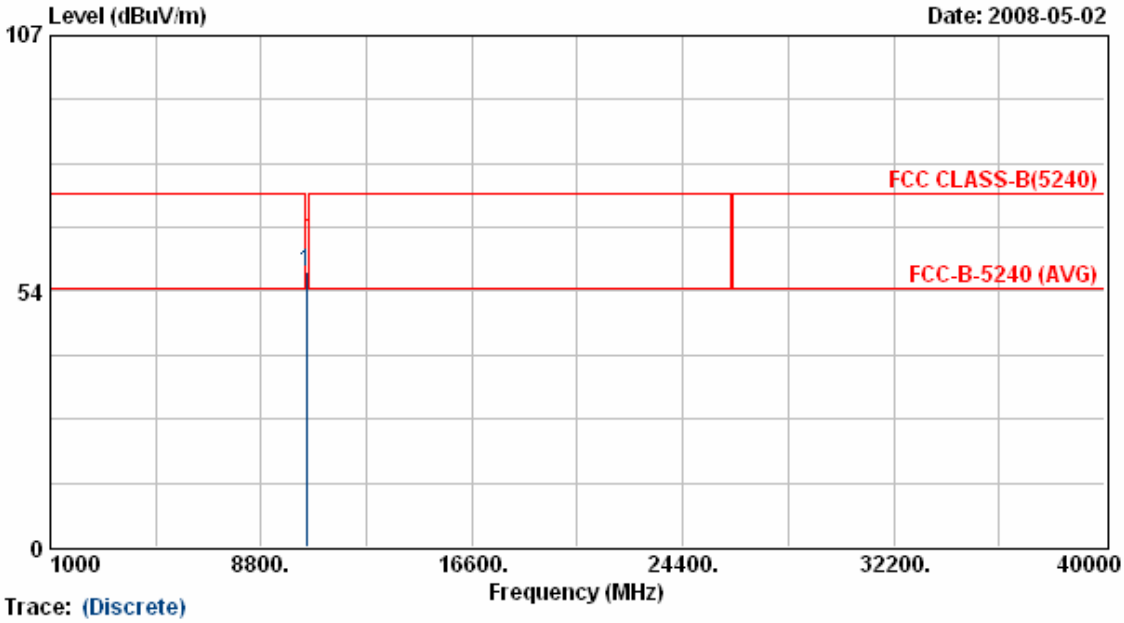
Trace: (Discrete)

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	10479.90	43.71	12.97	56.68	68.30	-11.62	Peak	100	160

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	:	48	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6Mbps



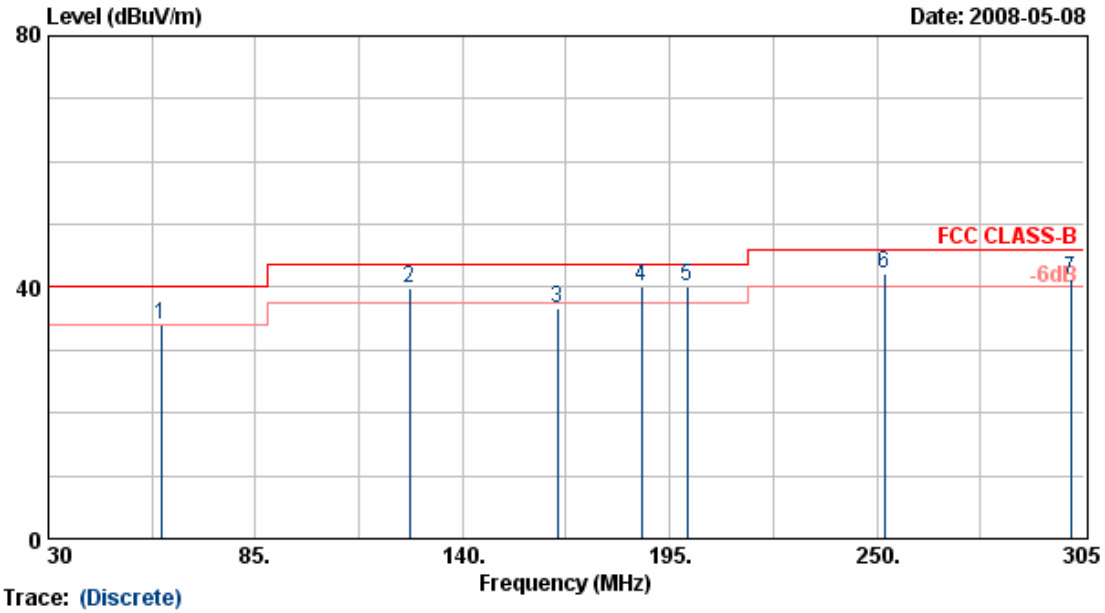
Trace: (Discrete)

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	10480.10	44.67	12.97	57.64	68.30	-10.66	Peak	100	146

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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6.5Mbps



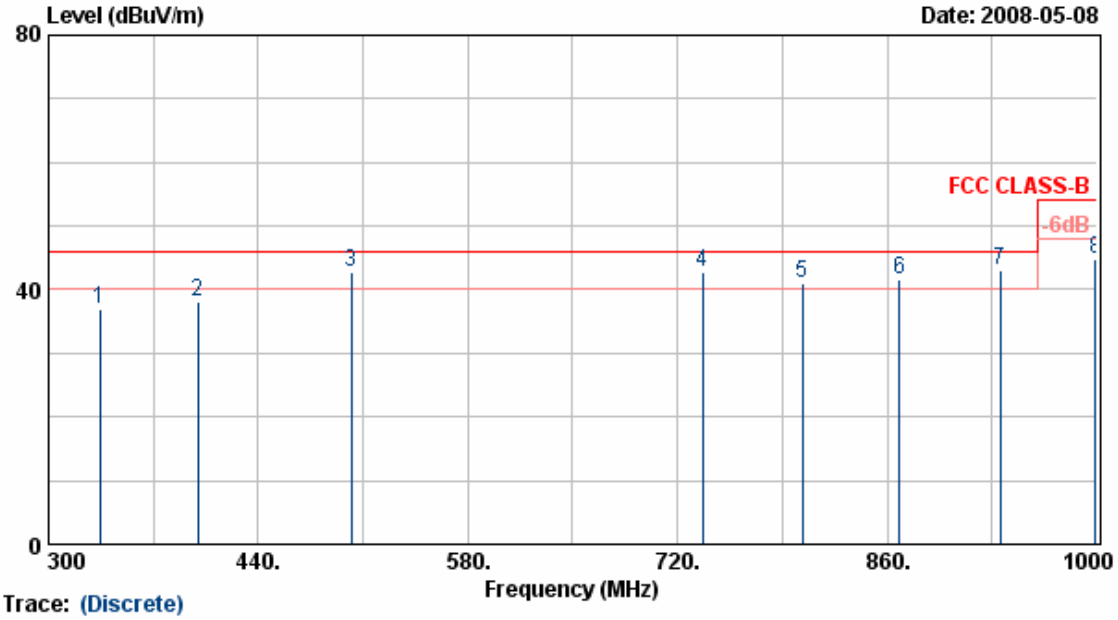
Trace: (Discrete)

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	50.79	-16.69	34.10	40.00	-5.90	Peak	100	55
2	125.99	53.52	-13.65	39.87	43.50	-3.63	QP	100	111
3	165.30	49.88	-13.12	36.76	43.50	-6.74	Peak	100	111
4	187.58	50.33	-10.21	40.12	43.50	-3.38	QP	100	256
5	199.70	51.89	-11.71	40.18	43.50	-3.32	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6.5Mbps



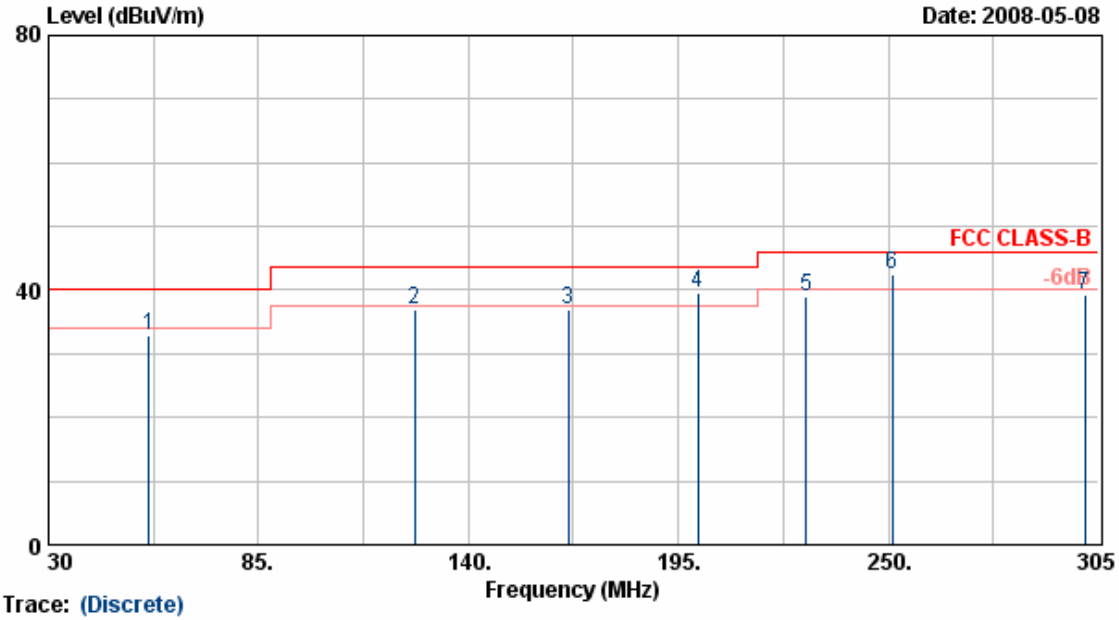
Trace: (Discrete)

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	47.56	-10.67	36.89	46.00	-9.11	Peak	100	222
2	399.40	46.74	-8.62	38.12	46.00	-7.88	Peak	100	102
3	502.30	47.66	-4.95	42.71	46.00	-3.29	QP	100	102
4	736.80	39.98	2.84	42.82	46.00	-3.18	QP	100	50
5	803.30	43.70	-2.76	40.94	46.00	-5.06	QP	100	50
6	868.40	40.71	0.96	41.67	46.00	-4.33	QP	100	50
7	935.60	43.98	-0.92	43.06	46.00	-2.94	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6.5Mbps



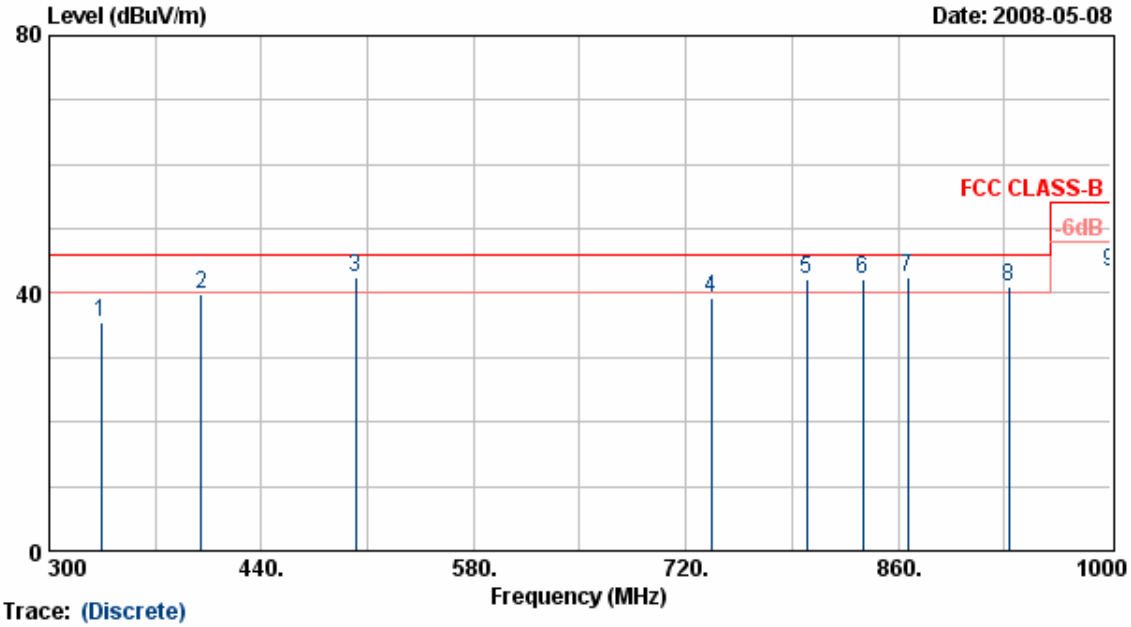
Trace: (Discrete)

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	54.90	-22.04	32.86	40.00	-7.14	Peak	200	111
2	125.98	56.66	-19.62	37.04	43.50	-6.46	Peak	200	110
3	166.25	55.65	-18.64	37.01	43.50	-6.49	Peak	200	110
4	200.00	54.10	-14.49	39.61	43.50	-3.89	QP	200	98
5	228.55	57.46	-18.38	39.08	46.00	-6.92	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6.5Mbps



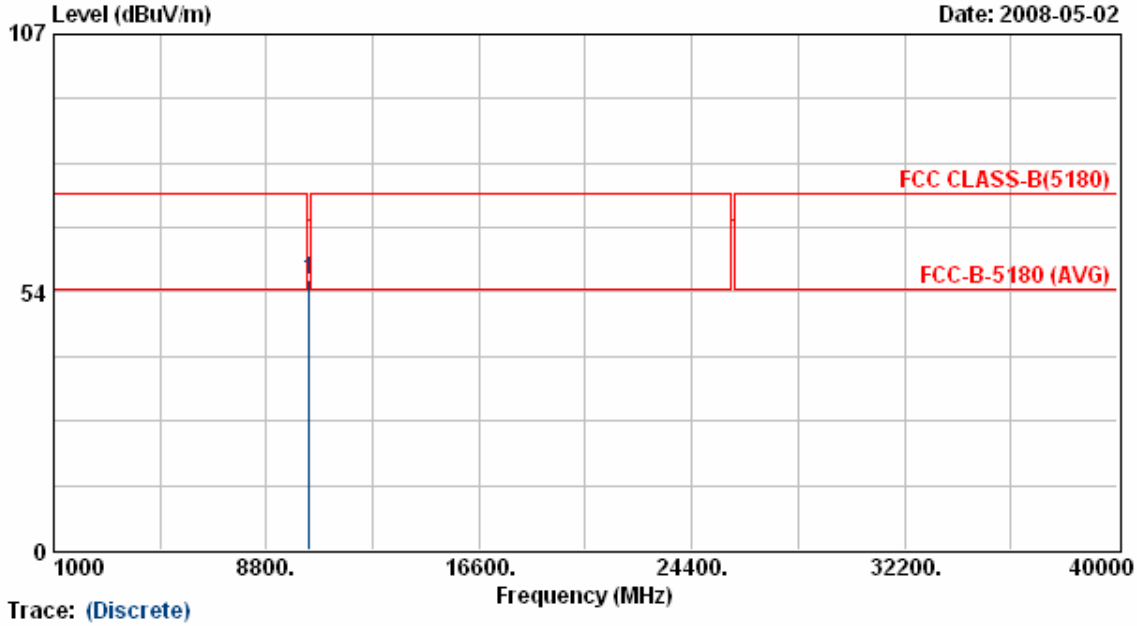
Trace: (Discrete)

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	47.78	-12.21	35.57	46.00	-10.43	Peak	200	111
2	400.00	51.21	-11.31	39.90	46.00	-6.10	Peak	200	111
3	502.30	47.46	-5.03	42.43	46.00	-3.57	QP	200	111
4	736.80	39.68	-0.52	39.16	46.00	-6.84	Peak	200	184
5	799.99	42.79	-0.54	42.25	46.00	-3.75	QP	200	184
6	836.90	39.52	2.71	42.23	46.00	-3.77	QP	200	117
7	866.66	38.89	3.60	42.49	46.00	-3.51	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6.5Mbps



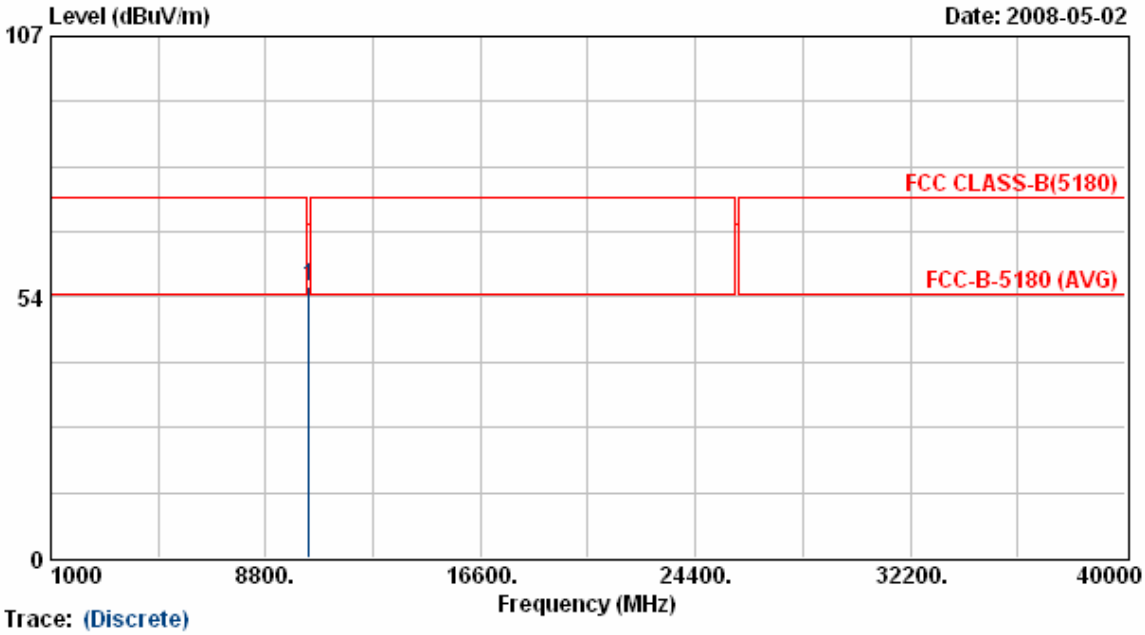
Trace: (Discrete)

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	10359.88	43.23	12.78	56.01	68.30	-12.29	Peak	100	160

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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6.5Mbps



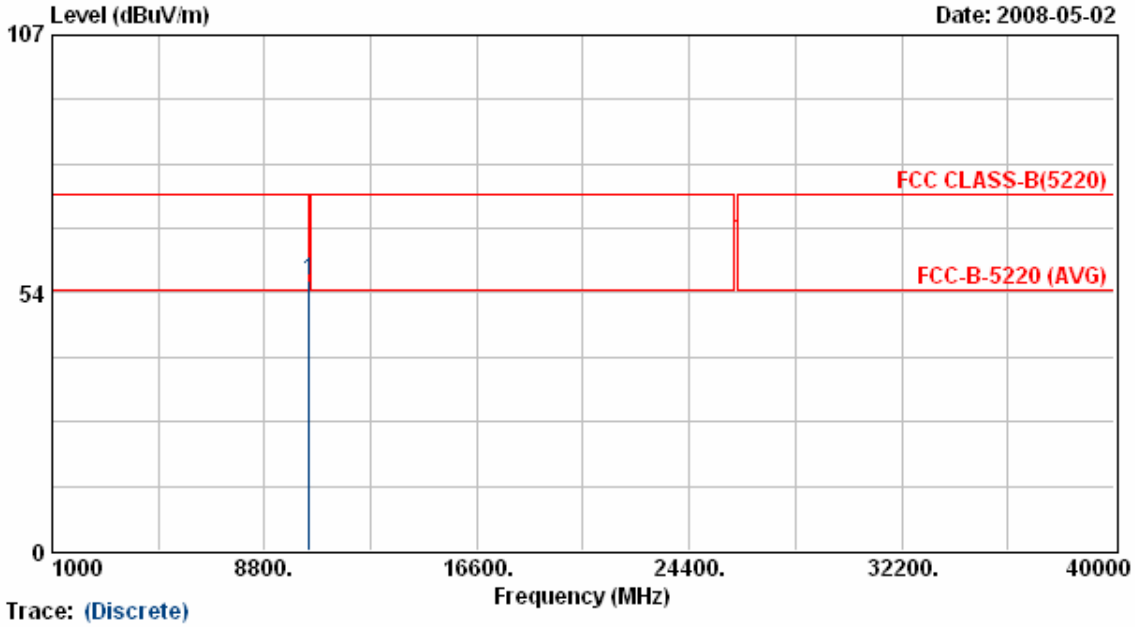
Trace: (Discrete)

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	10360.17	42.97	12.78	55.75	68.30	-12.55	Peak	100	146

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	:	44	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6.5Mbps



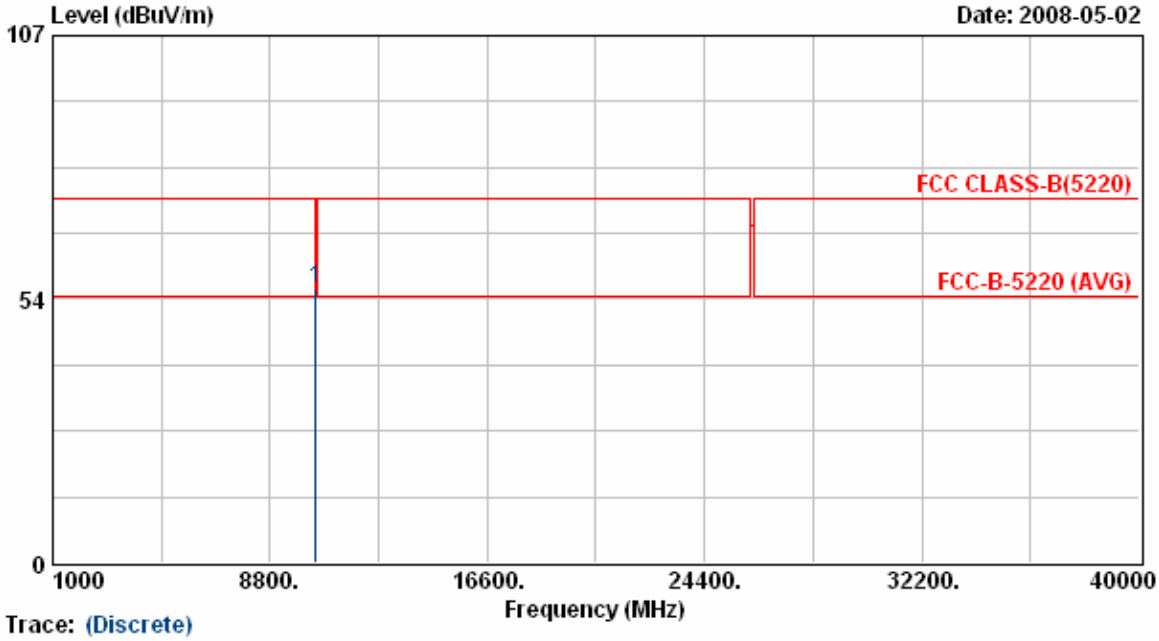
Trace: (Discrete)

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	10440.00	43.15	12.90	56.06	68.30	-12.24	Peak	100	160

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	:	44	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6.5Mbps



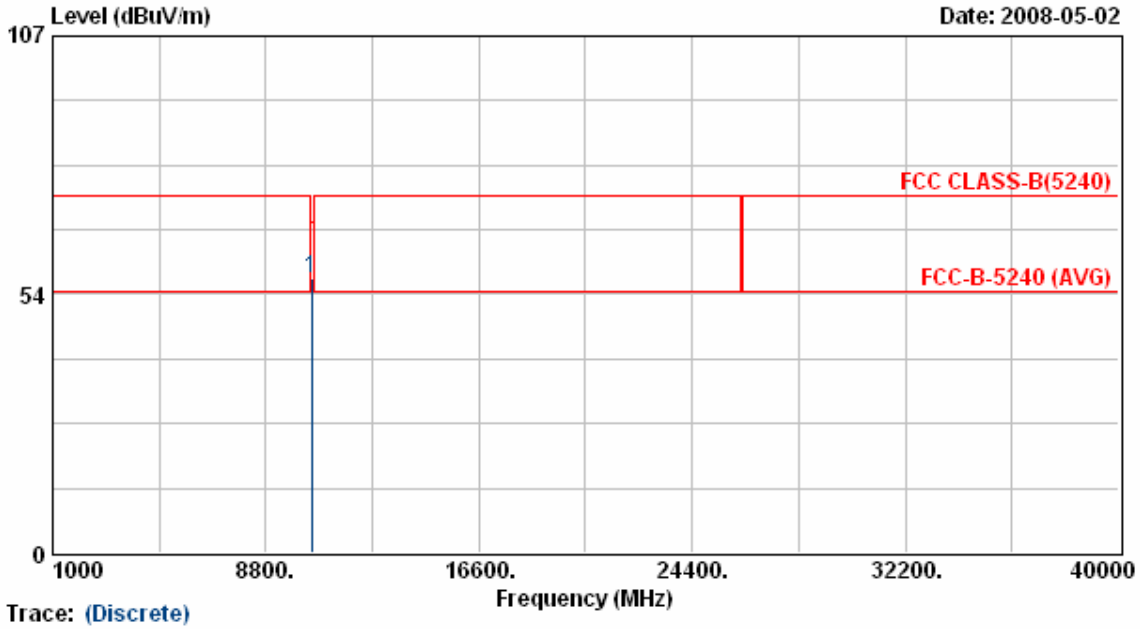
Trace: (Discrete)

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	10439.85	42.58	12.90	55.48	68.30	-12.82	Peak	100	146

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	:	48	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6.5Mbps



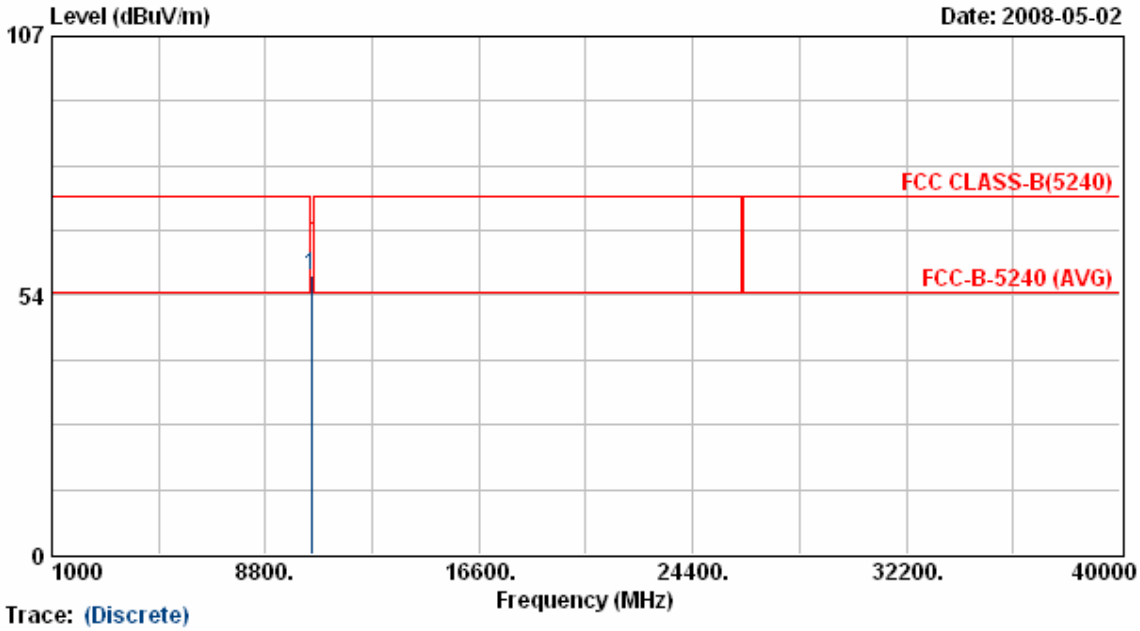
Trace: (Discrete)

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	10479.90	43.71	12.97	56.68	68.30	-11.62	Peak	100	160

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	:	48	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6.5Mbps



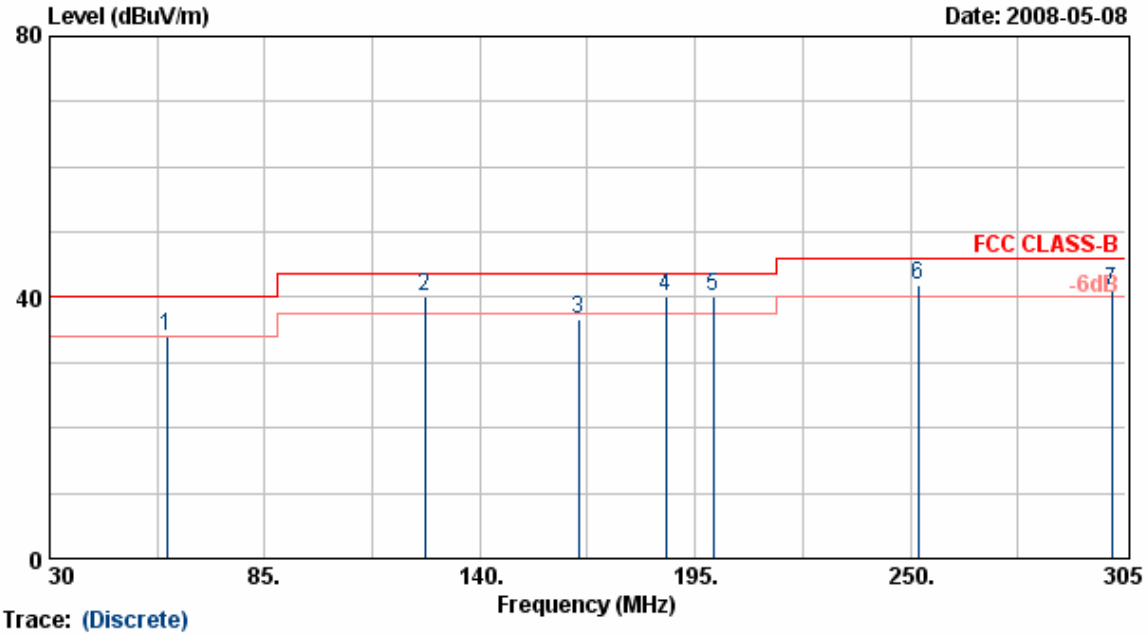
Trace: (Discrete)

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	10480.10	44.67	12.97	57.64	68.30	-10.66	Peak	100	146

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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	13.5Mbps



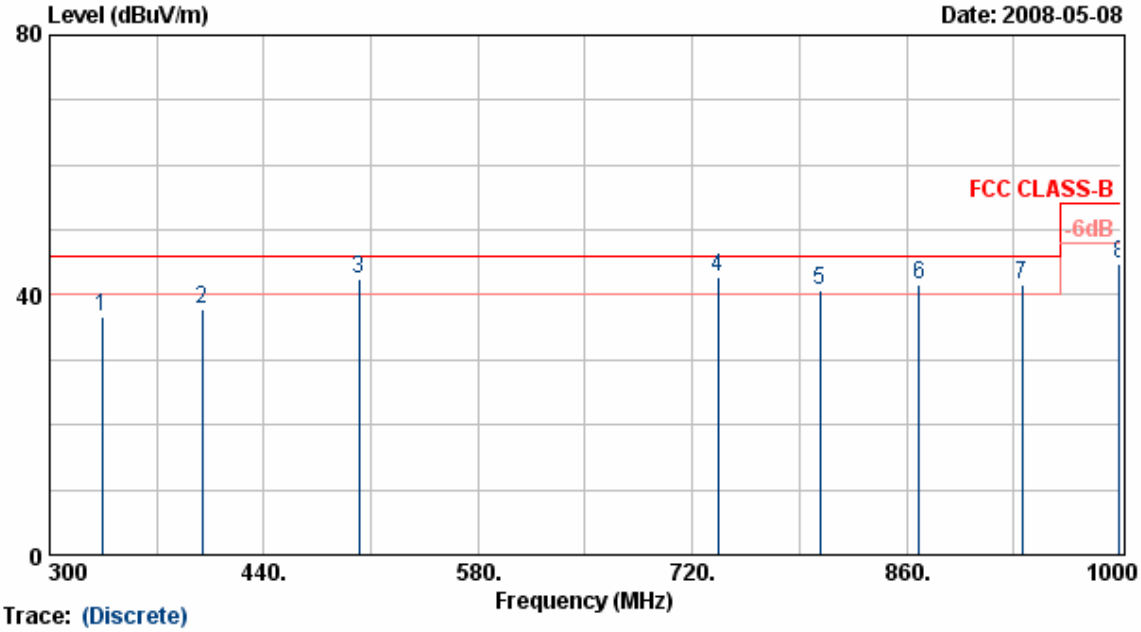
Trace: (Discrete)

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	59.98	50.75	-16.69	34.06	40.00	-5.94	Peak	100	55
2	125.99	53.88	-13.65	40.22	43.50	-3.28	QP	100	111
3	165.30	49.80	-13.12	36.68	43.50	-6.82	Peak	100	111
4	187.58	50.49	-10.21	40.27	43.50	-3.23	QP	100	256
5	199.70	51.95	-11.71	40.24	43.50	-3.26	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	13.5Mbps



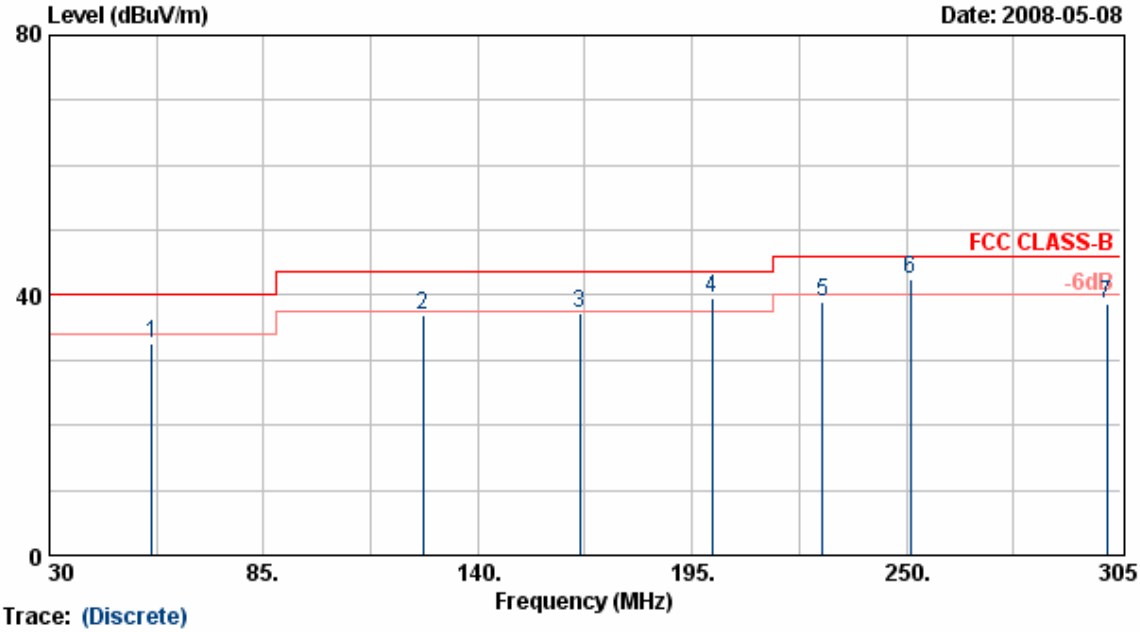
Trace: (Discrete)

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	47.39	-10.67	36.72	46.00	-9.28	Peak	100	222
2	399.40	46.49	-8.62	37.87	46.00	-8.13	Peak	100	102
3	502.30	47.47	-4.95	42.52	46.00	-3.48	QP	100	102
4	736.80	39.85	2.84	42.68	46.00	-3.32	QP	100	50
5	803.30	43.47	-2.76	40.71	46.00	-5.29	QP	100	50
6	868.40	40.60	0.96	41.56	46.00	-4.44	QP	100	50
7	935.60	42.52	-0.92	41.60	46.00	-4.40	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	13.5Mbps



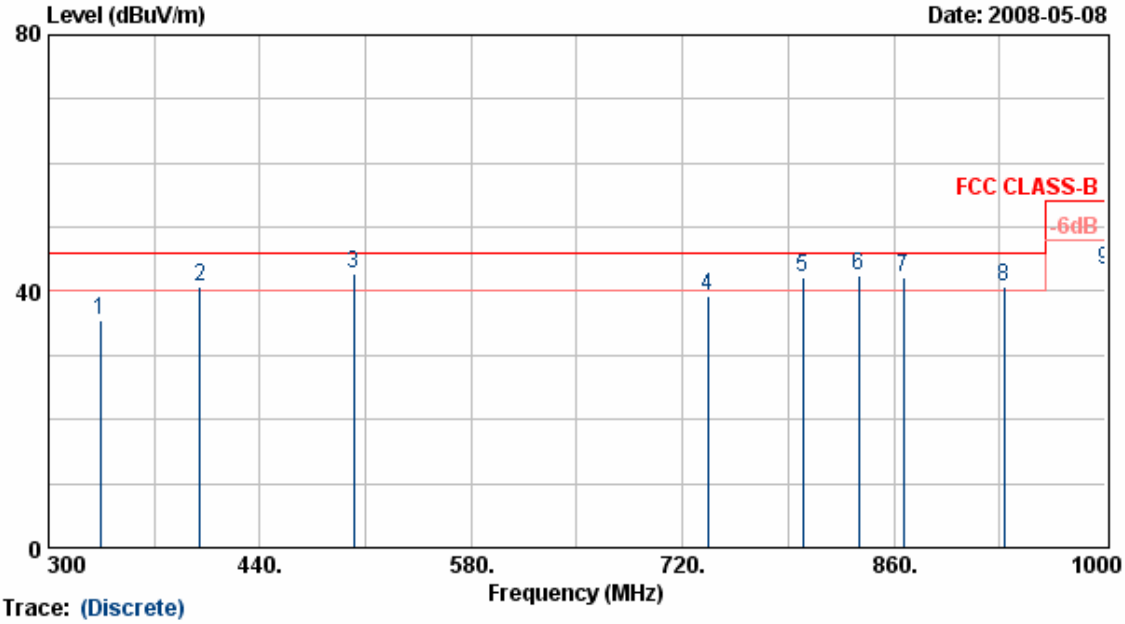
Trace: (Discrete)

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	54.74	-22.04	32.70	40.00	-7.30	Peak	200	111
2	125.98	56.67	-19.62	37.05	43.50	-6.45	Peak	200	110
3	166.25	55.92	-18.64	37.28	43.50	-6.22	Peak	200	110
4	200.00	54.14	-14.49	39.65	43.50	-3.85	QP	200	98
5	228.55	57.36	-18.38	38.98	46.00	-7.02	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	13.5Mbps



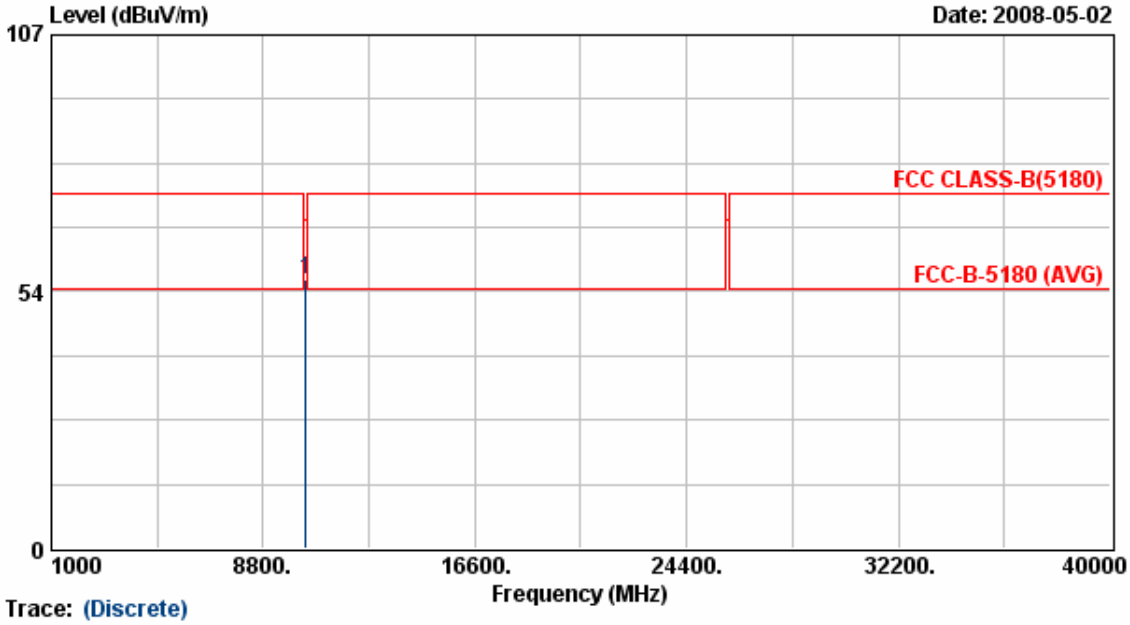
Trace: (Discrete)

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	47.68	-12.21	35.47	46.00	-10.53	Peak	200	111
2	400.00	51.90	-11.31	40.59	46.00	-5.41	QP	200	111
3	502.30	47.66	-5.03	42.63	46.00	-3.37	QP	200	111
4	736.80	39.80	-0.52	39.27	46.00	-6.73	Peak	200	184
5	799.99	42.77	-0.54	42.23	46.00	-3.77	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	13.5Mbps



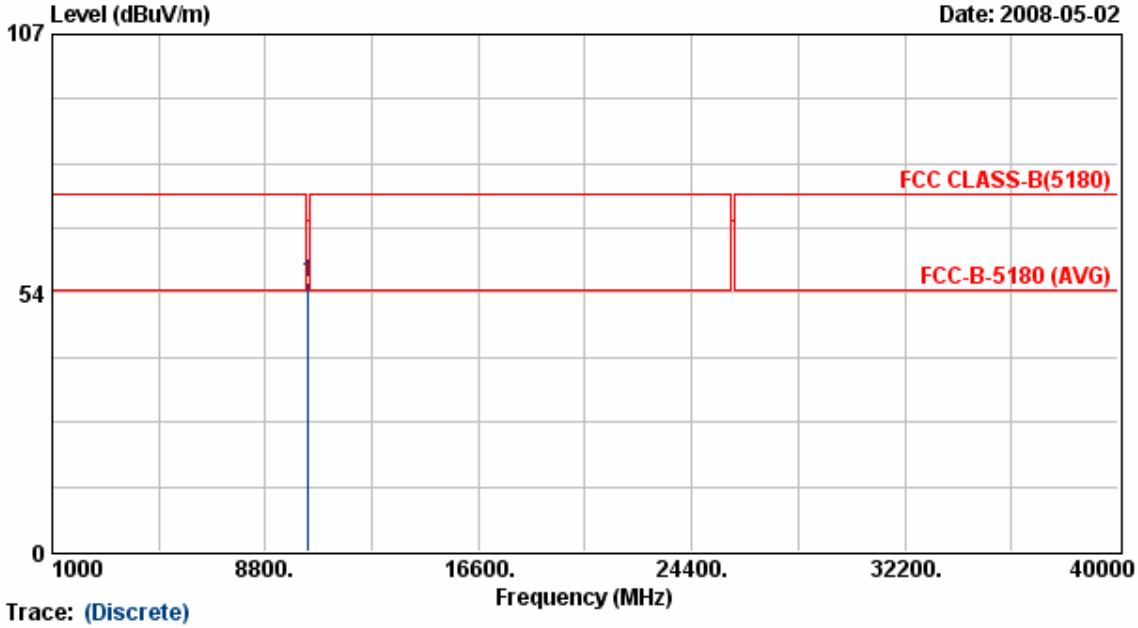
Trace: (Discrete)

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	10379.88	43.20	12.81	56.01	68.30	-12.29	Peak	100	160

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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	13.5Mbps



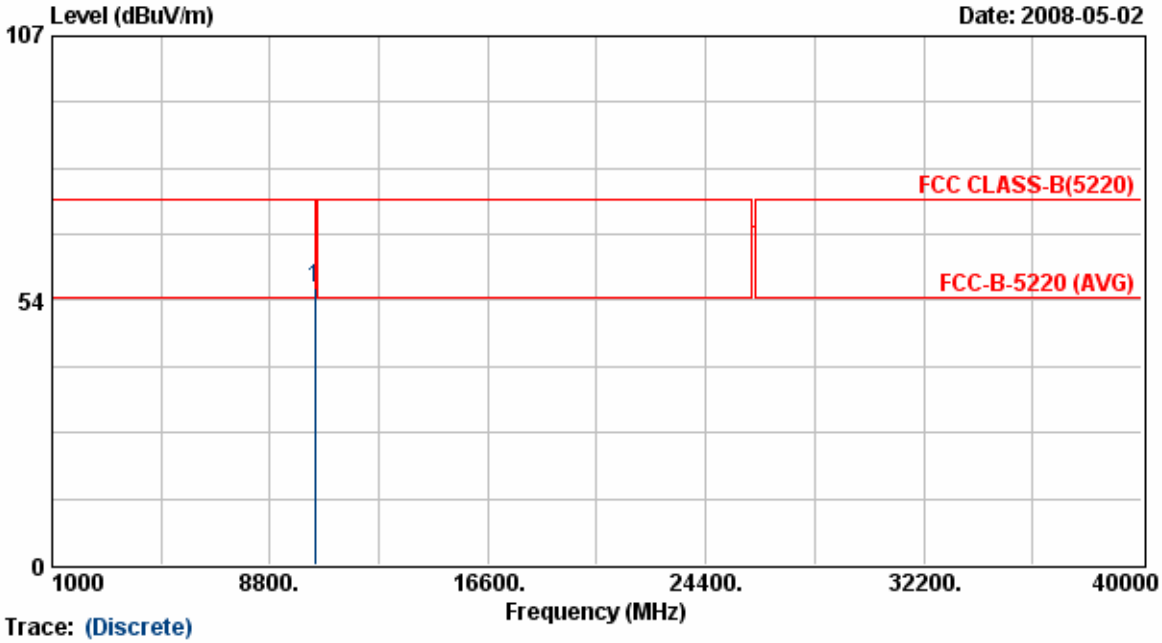
Trace: (Discrete)

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	10380.17	42.94	12.81	55.75	68.30	-12.55	Peak	100	146

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	:	42	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	13.5Mbps



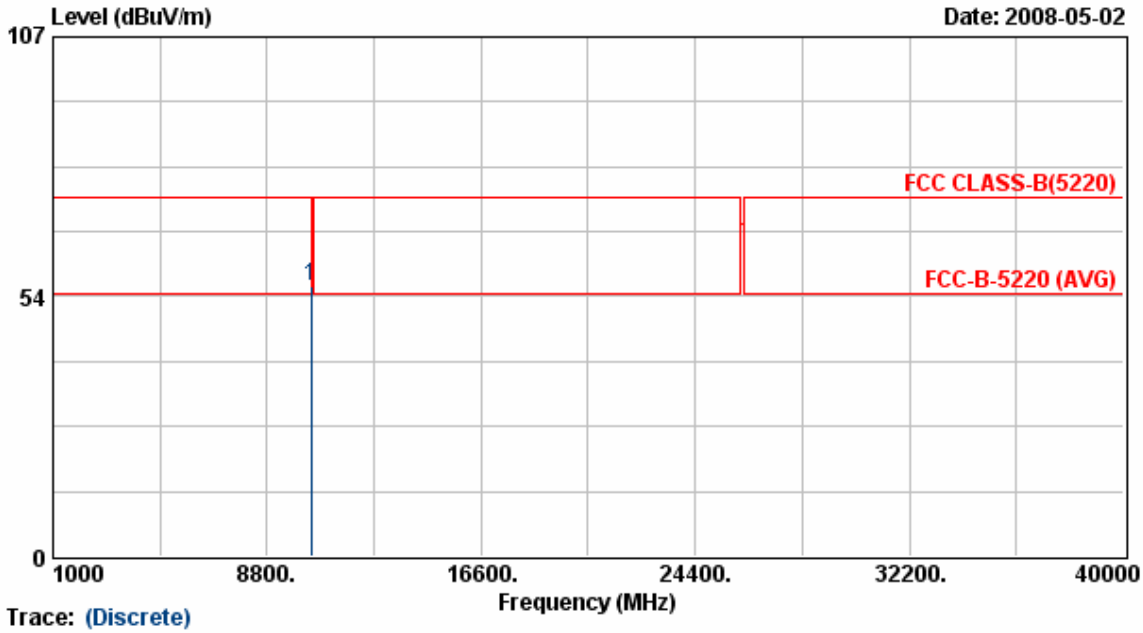
Trace: (Discrete)

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	10420.00	43.19	12.87	56.06	68.30	-12.24	Peak	100	160

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	:	42	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	13.5Mbps



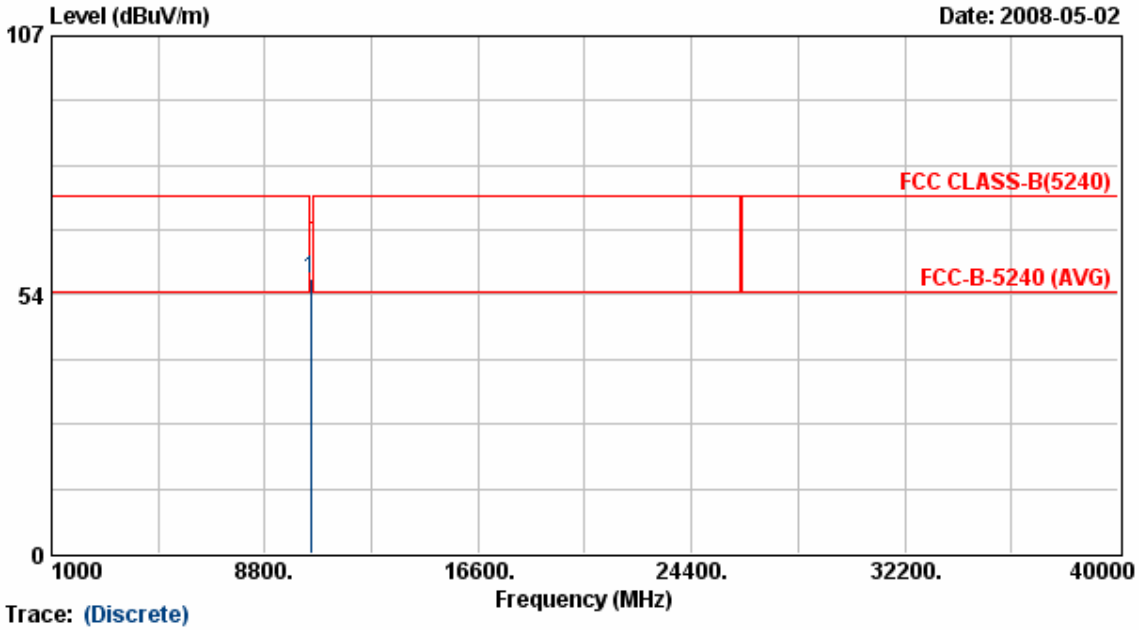
Trace: (Discrete)

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	10419.85	42.61	12.87	55.48	68.30	-12.82	Peak	100	146

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	:	46	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	13.5Mbps



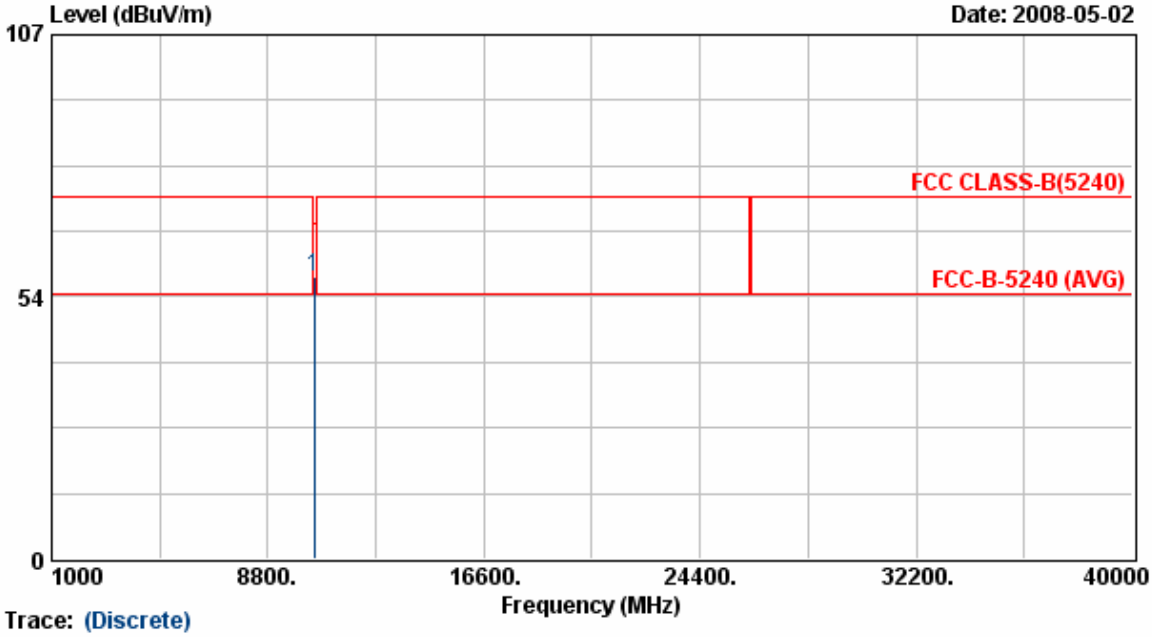
Trace: (Discrete)

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	10459.90	43.74	12.94	56.68	68.30	-11.62	Peak	100	160

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	:	46	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	13.5Mbps



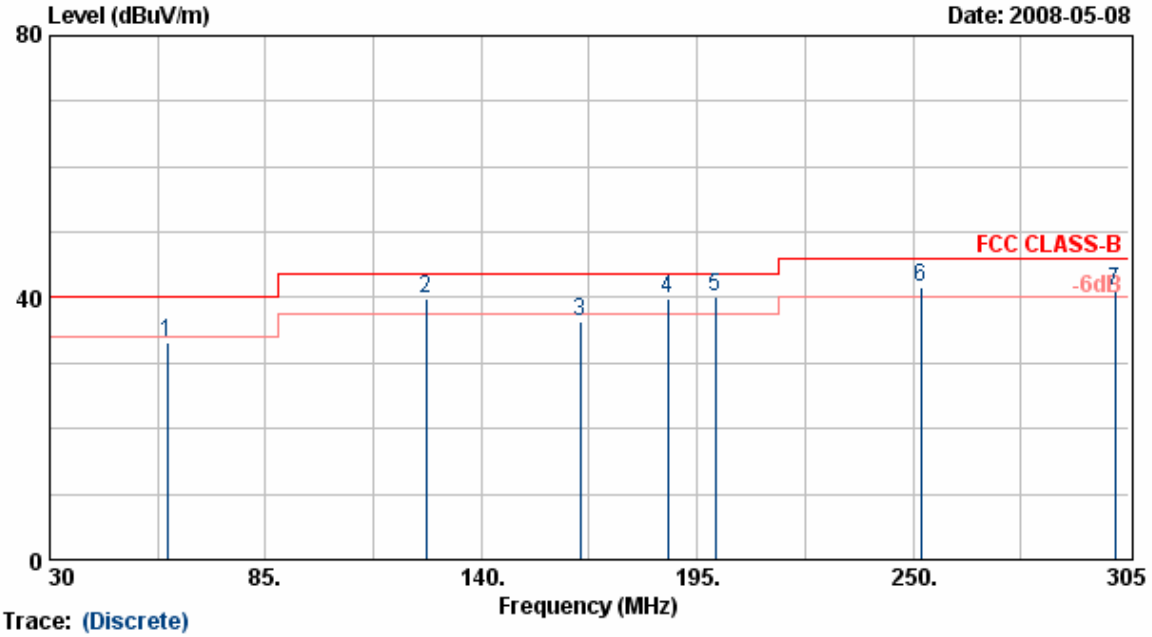
Trace: (Discrete)

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	10460.10	44.70	12.94	57.64	68.30	-10.66	Peak	100	146

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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6.5Mbps



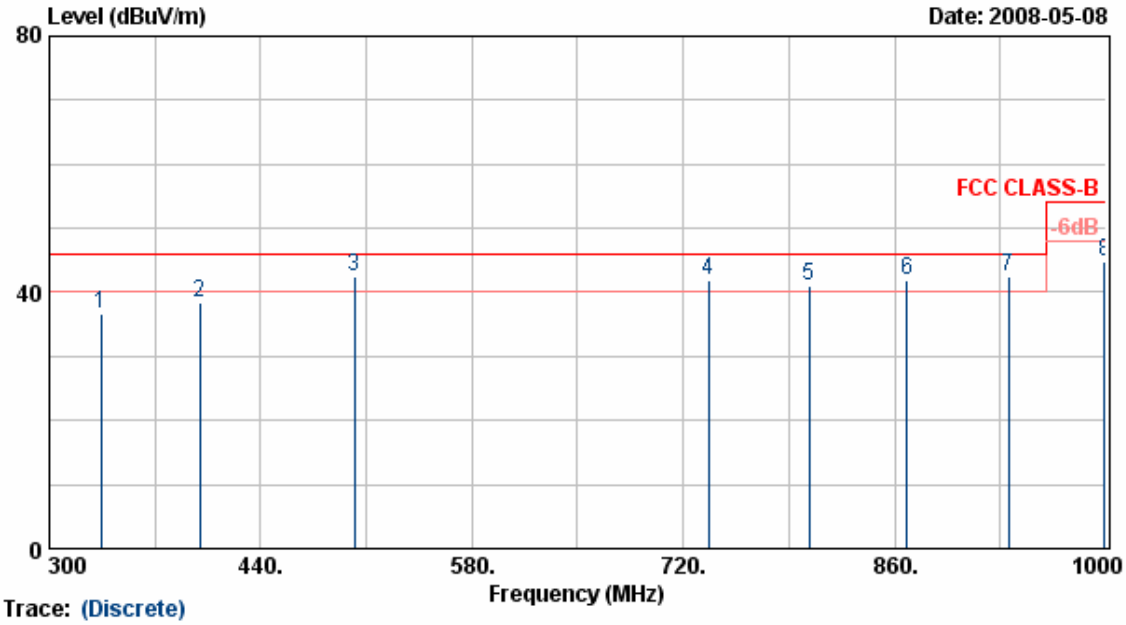
Trace: (Discrete)

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	49.78	-16.69	33.09	40.00	-6.91	Peak	100	55
2	125.99	53.52	-13.65	39.86	43.50	-3.64	QP	100	111
3	165.30	49.46	-13.12	36.33	43.50	-7.17	Peak	100	111
4	187.58	49.95	-10.21	39.74	43.50	-3.76	QP	100	256
5	199.70	51.75	-11.71	40.04	43.50	-3.46	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6.5Mbps



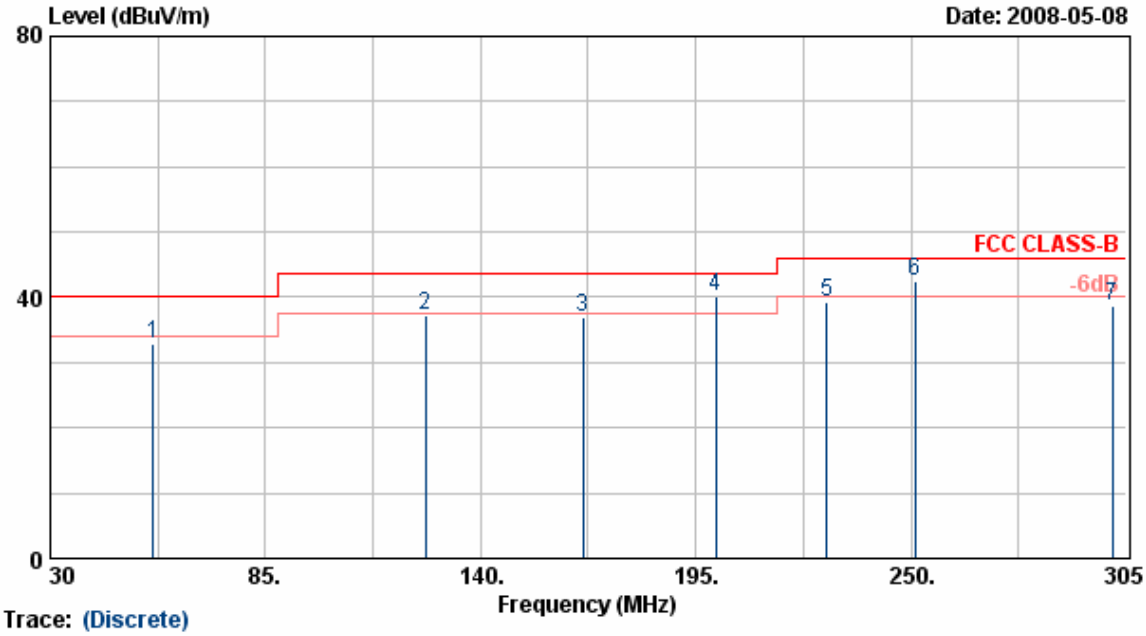
Trace: (Discrete)

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	47.46	-10.67	36.78	46.00	-9.22	Peak	100	222
2	399.40	46.89	-8.62	38.27	46.00	-7.73	Peak	100	102
3	502.30	47.45	-4.95	42.51	46.00	-3.49	QP	100	102
4	736.80	39.17	2.84	42.00	46.00	-4.00	QP	100	50
5	803.30	43.88	-2.76	41.11	46.00	-4.89	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6.5Mbps



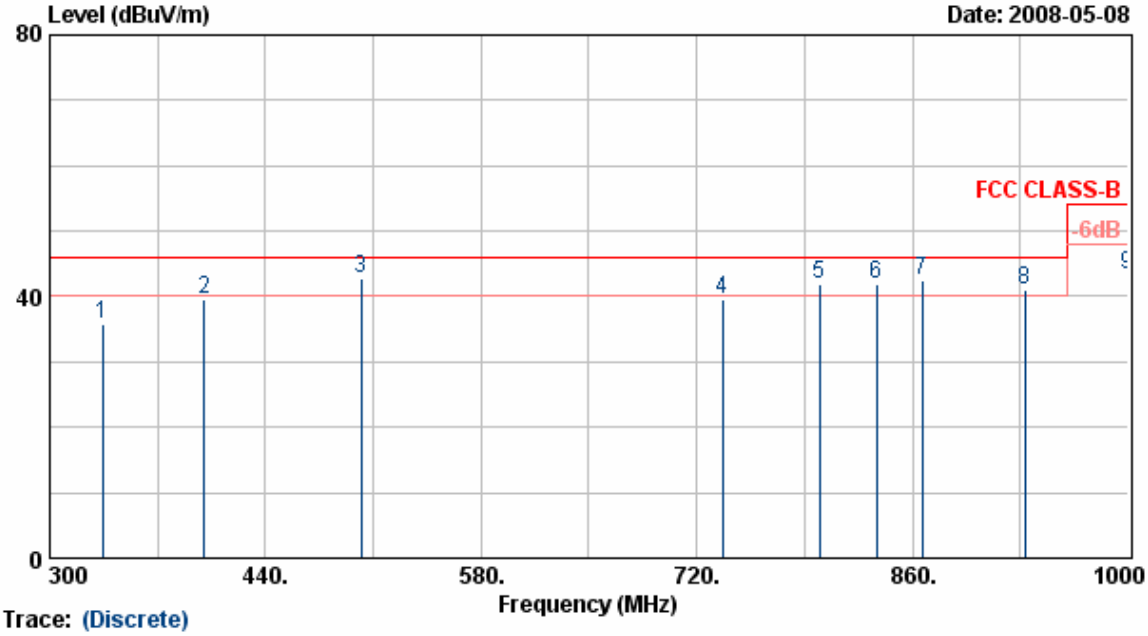
Trace: (Discrete)

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	54.88	-22.04	32.84	40.00	-7.16	Peak	200	111
2	125.98	56.79	-19.62	37.17	43.50	-6.33	Peak	200	110
3	166.25	55.58	-18.64	36.94	43.50	-6.56	Peak	200	110
4	200.00	54.68	-14.49	40.19	43.50	-3.31	QP	200	98
5	228.55	57.71	-18.38	39.33	46.00	-6.67	Peak	200	98
6	251.10	59.78	-17.31	42.47	46.00	-3.53	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6.5Mbps



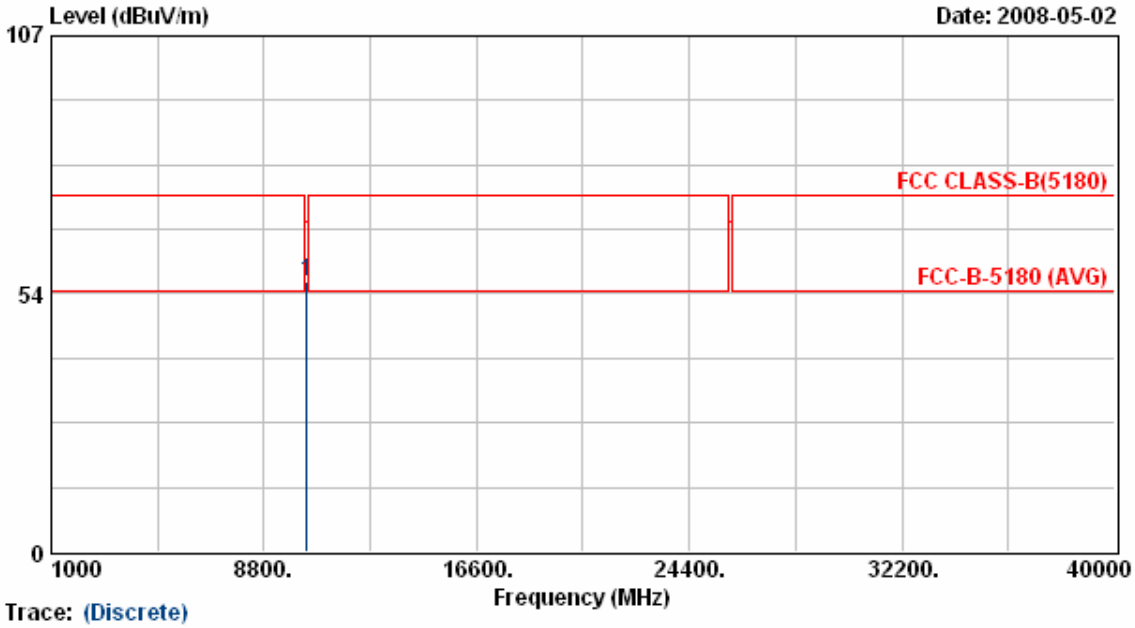
Trace: (Discrete)

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	47.88	-12.21	35.67	46.00	-10.33	Peak	200	111
2	400.00	50.90	-11.31	39.59	46.00	-6.41	Peak	200	111
3	502.30	47.90	-5.03	42.87	46.00	-3.13	QP	200	111
4	736.80	39.98	-0.52	39.46	46.00	-6.54	Peak	200	184
5	799.99	42.56	-0.54	42.02	46.00	-3.98	QP	200	184
6	836.90	39.26	2.71	41.97	46.00	-4.03	QP	200	117
7	866.66	38.79	3.60	42.39	46.00	-3.61	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6.5Mbps



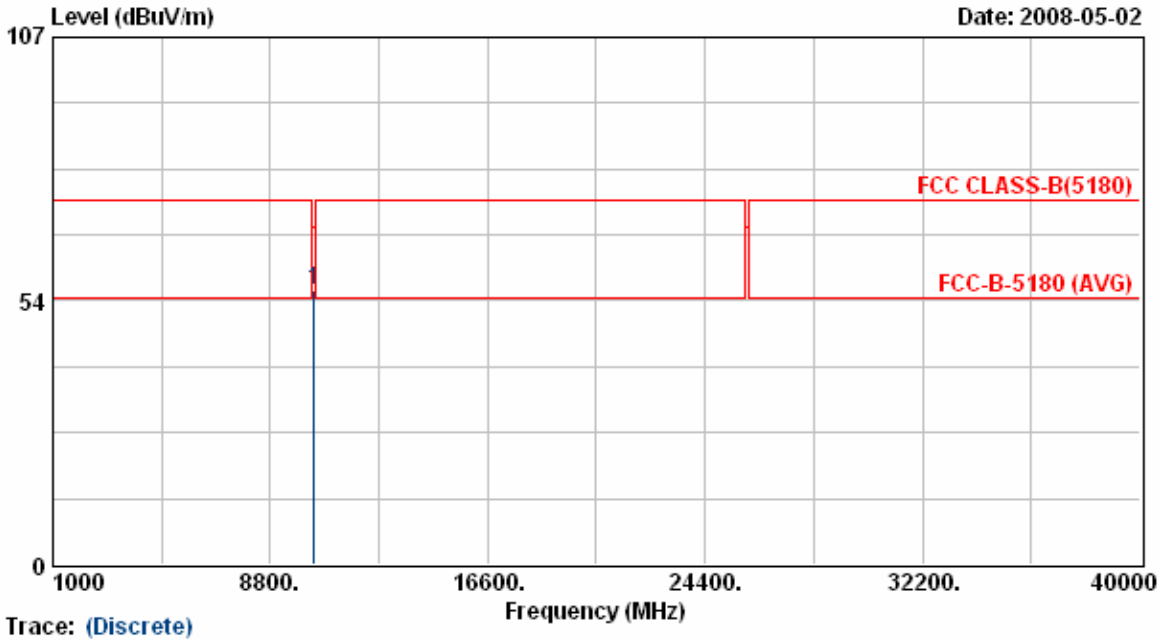
Trace: (Discrete)

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	10359.88	43.23	12.78	56.01	68.30	-12.29	Peak	100	160

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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6.5Mbps



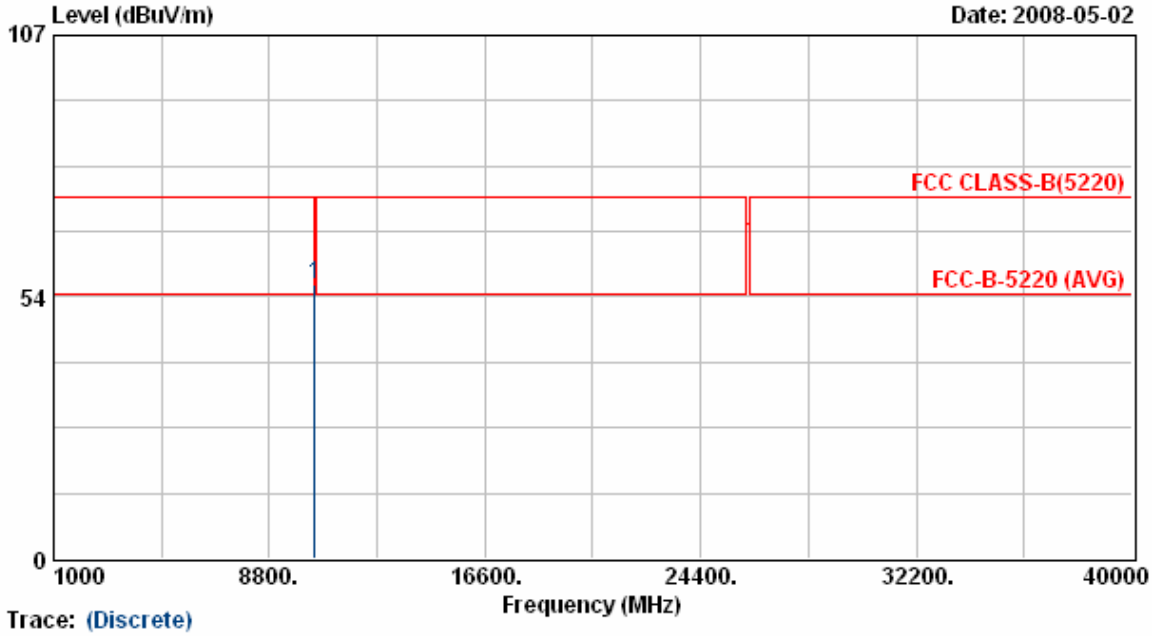
Trace: (Discrete)

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	10360.17	42.97	12.78	55.75	68.30	-12.55	Peak	100	146

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	:	44	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6.5Mbps



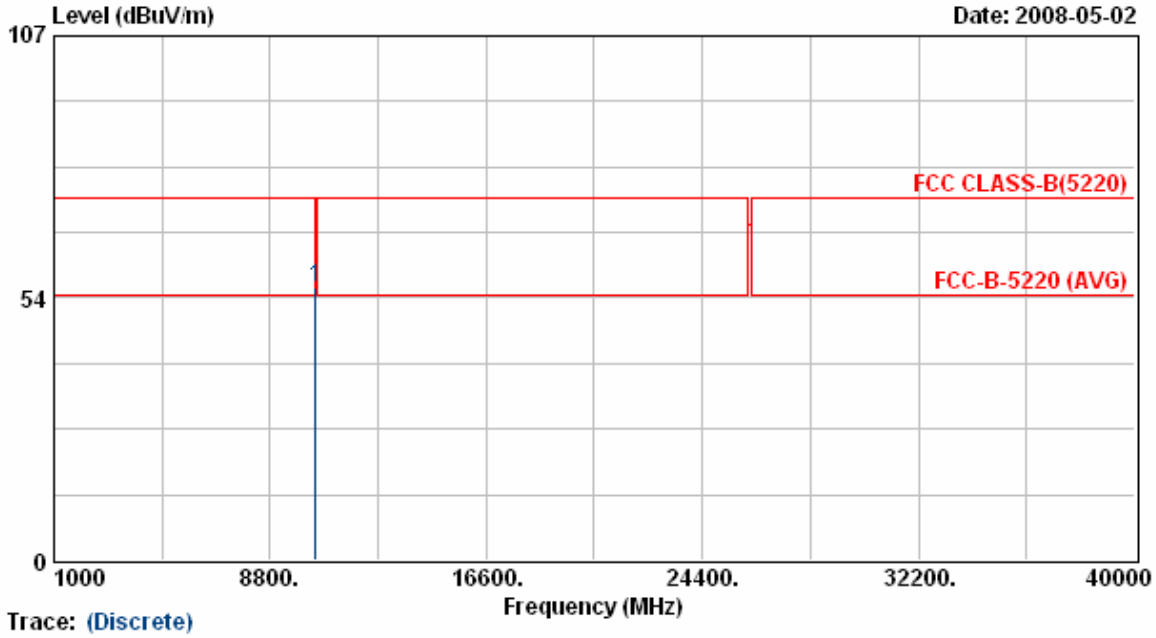
Trace: (Discrete)

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	10440.00	43.15	12.90	56.06	68.30	-12.24	Peak	100	160

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	:	44	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6.5Mbps



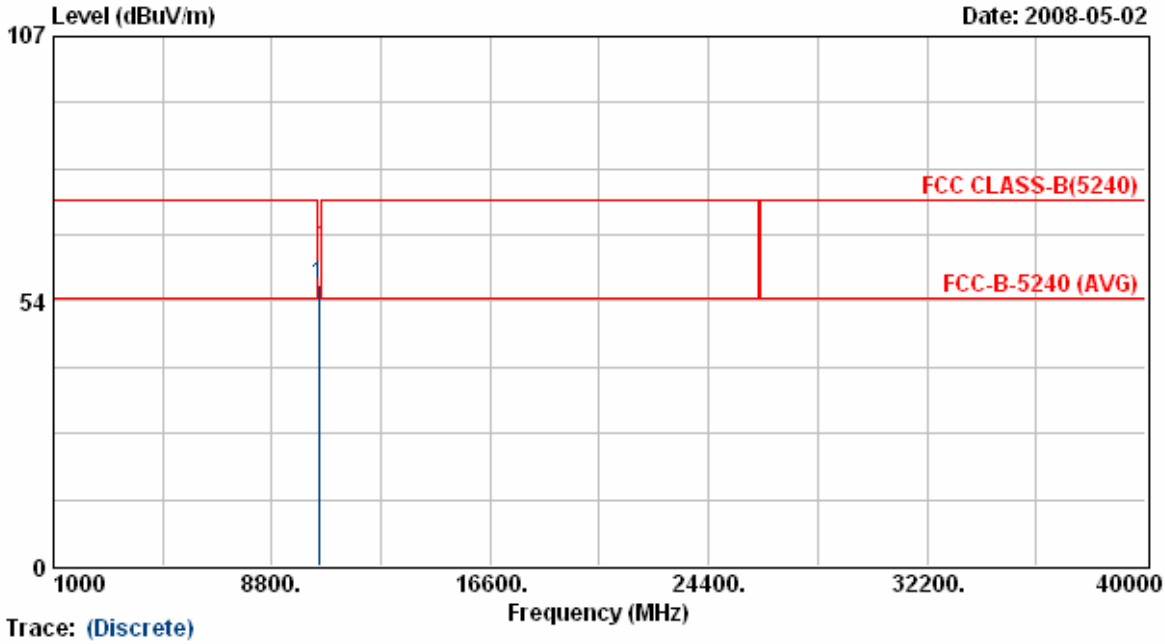
Trace: (Discrete)

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	10439.85	42.58	12.90	55.48	68.30	-12.82	Peak	100	146

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	:	48	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6.5Mbps



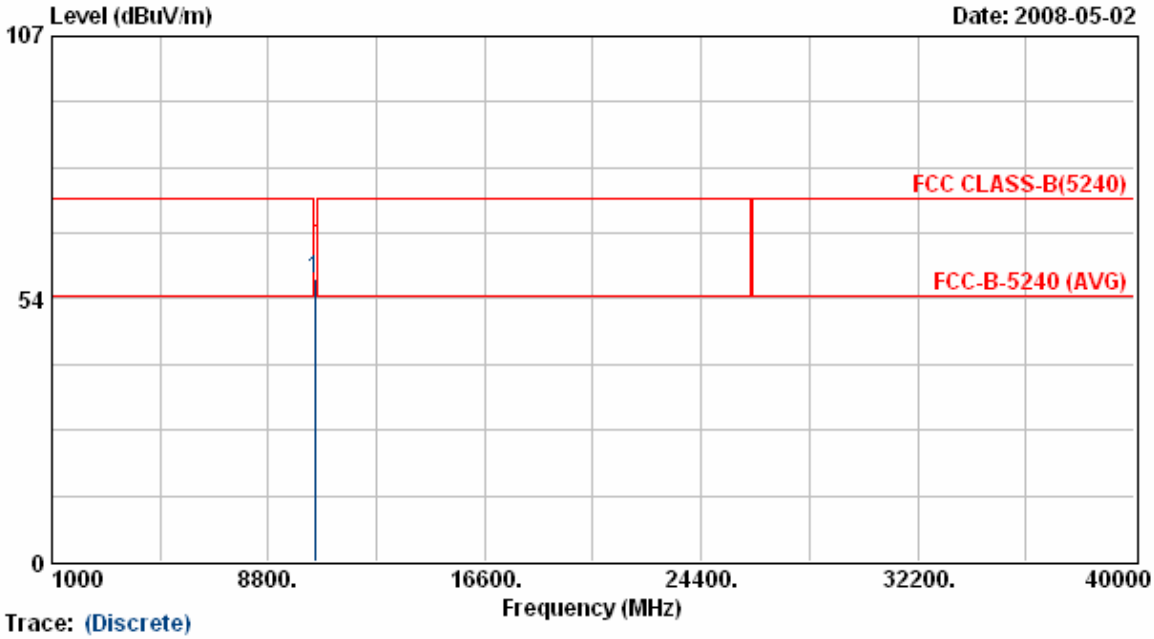
Trace: (Discrete)

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	10479.90	43.71	12.97	56.68	68.30	-11.62	Peak	100	160

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	:	48	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	6.5Mbps



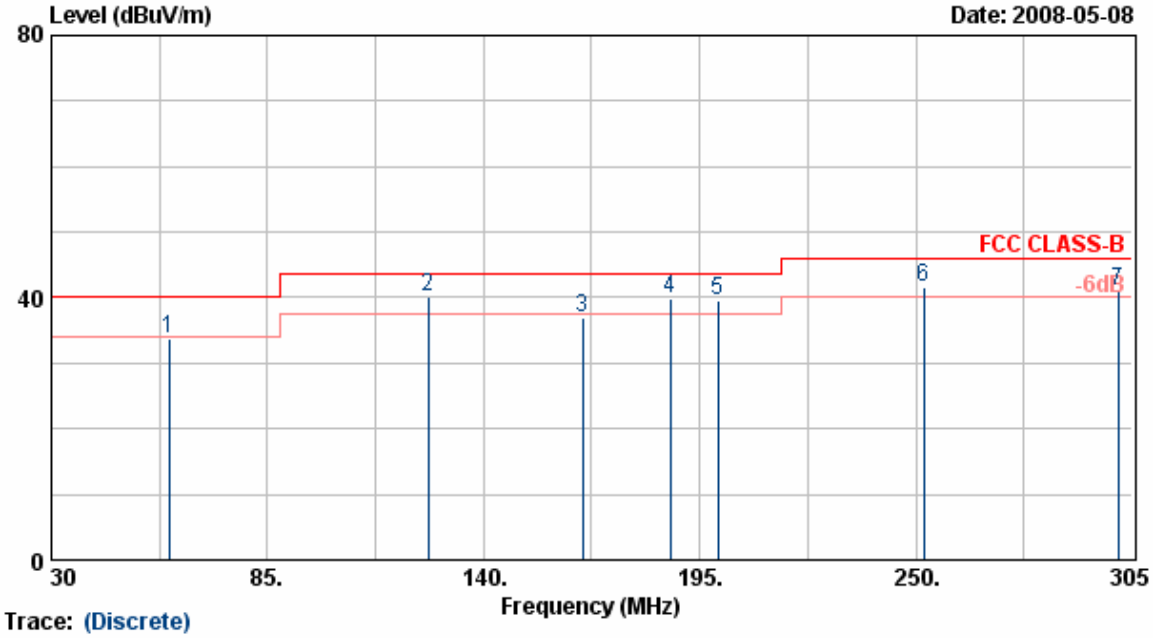
Trace: (Discrete)

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	10480.10	44.67	12.97	57.64	68.30	-10.66	Peak	100	146

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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	13.5Mbps



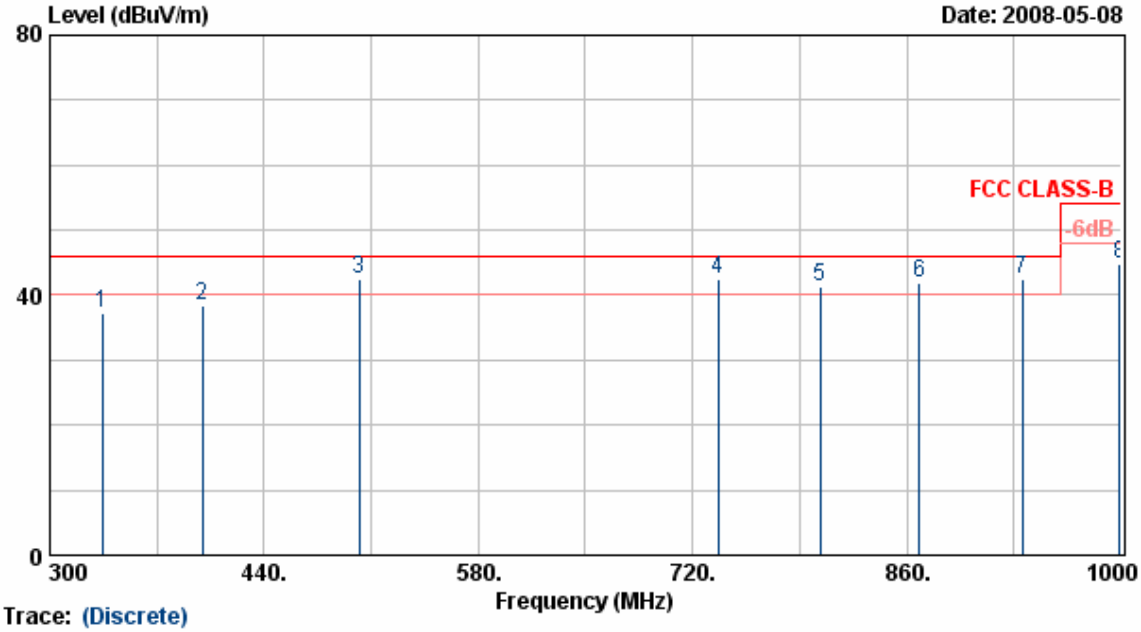
Trace: (Discrete)

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	59.98	50.55	-16.69	33.86	40.00	-6.14	Peak	100	55
2	125.99	53.89	-13.65	40.24	43.50	-3.26	QP	100	111
3	165.30	49.96	-13.12	36.84	43.50	-6.66	Peak	100	111
4	187.58	49.98	-10.21	39.77	43.50	-3.73	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	13.5Mbps



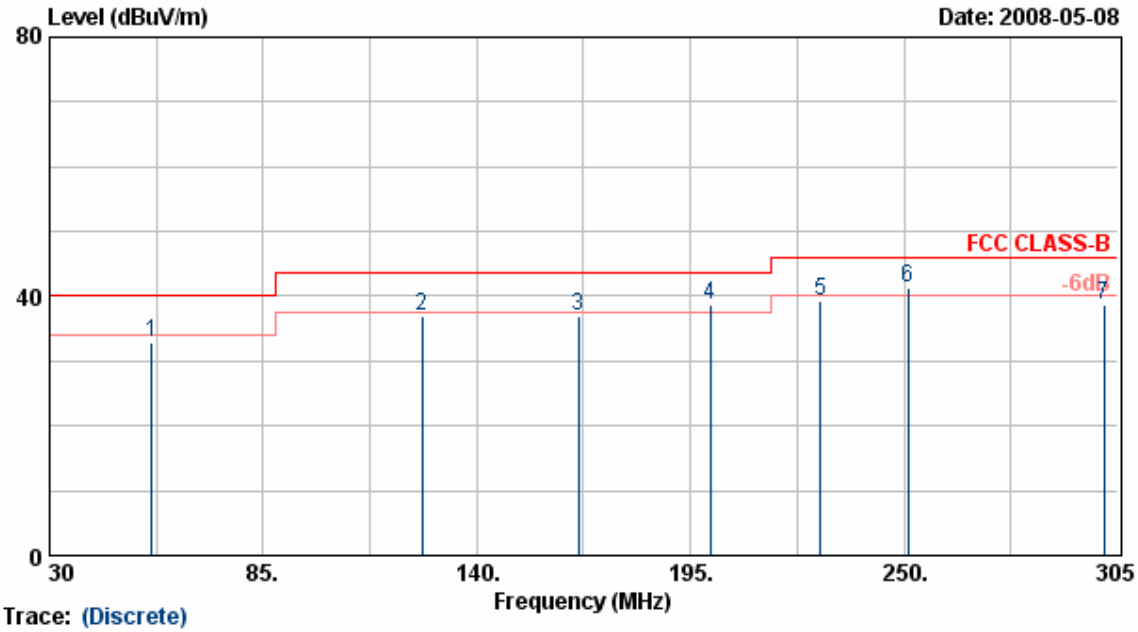
Trace: (Discrete)

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	46.99	-8.62	38.37	46.00	-7.63	Peak	100	102
3	502.30	47.29	-4.95	42.34	46.00	-3.66	QP	100	102
4	736.80	39.77	2.84	42.60	46.00	-3.40	QP	100	50
5	803.30	43.95	-2.76	41.19	46.00	-4.81	QP	100	50
6	868.40	40.90	0.96	41.86	46.00	-4.14	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	13.5Mbps



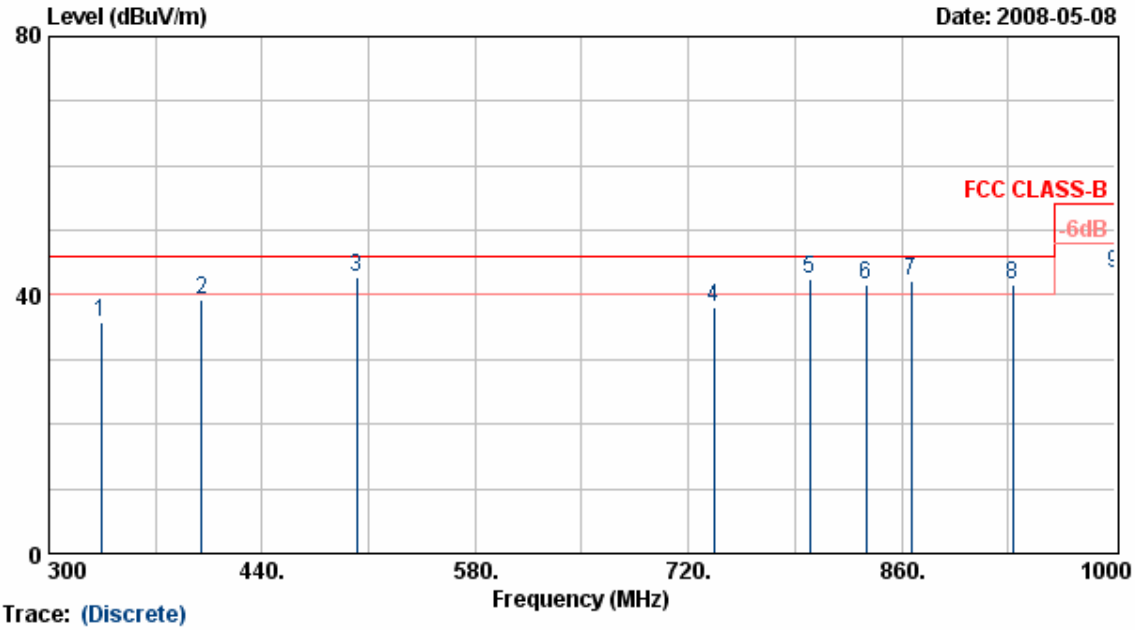
Trace: (Discrete)

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	56.58	-19.62	36.96	43.50	-6.54	Peak	200	110
3	166.25	55.58	-18.64	36.94	43.50	-6.56	Peak	200	110
4	200.00	53.16	-14.49	38.67	43.50	-4.83	QP	200	98
5	228.55	57.71	-18.38	39.33	46.00	-6.67	Peak	200	98
6	251.10	58.55	-17.31	41.24	46.00	-4.76	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	13.5Mbps



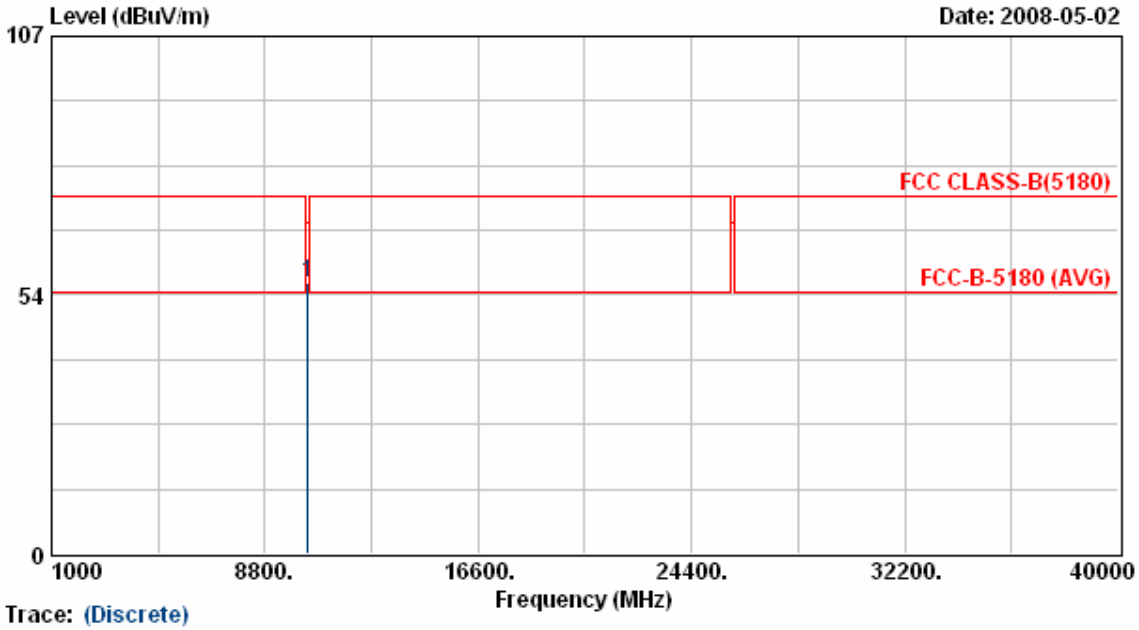
Trace: (Discrete)

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	-12.21	35.64	46.00	-10.36	Peak	200	111
2	400.00	50.52	-11.31	39.21	46.00	-6.79	Peak	200	111
3	502.30	47.79	-5.03	42.76	46.00	-3.24	QP	200	111
4	736.80	38.52	-0.52	37.99	46.00	-8.01	Peak	200	184
5	799.99	42.92	-0.54	42.38	46.00	-3.62	QP	200	184
6	836.90	38.88	2.71	41.59	46.00	-4.41	QP	200	117
7	866.66	38.52	3.60	42.12	46.00	-3.88	QP	200	117
8	933.30	36.48	5.17	41.65	46.00	-4.35	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	13.5Mbps



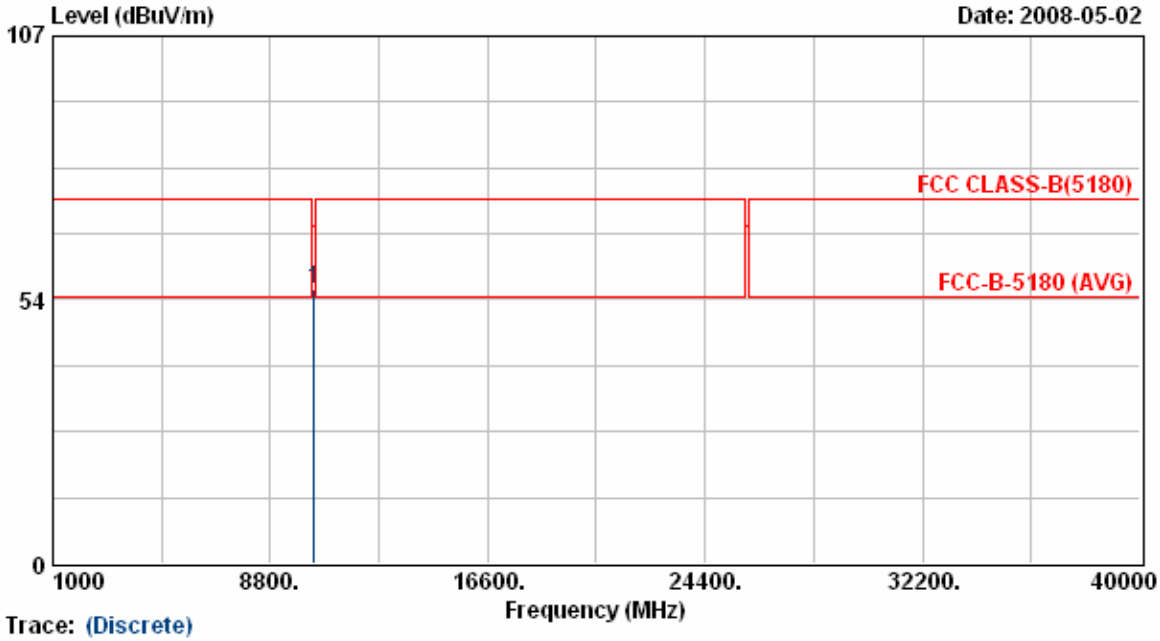
Trace: (Discrete)

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	10379.88	43.20	12.81	56.01	68.30	-12.29	Peak	100	160

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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	13.5Mbps



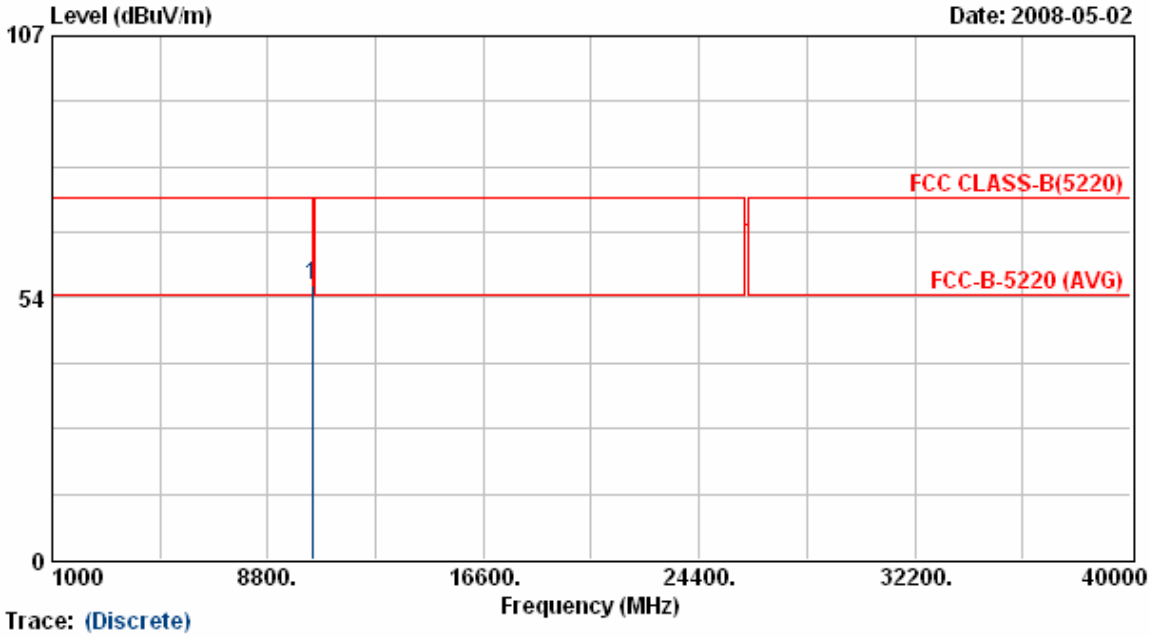
Trace: (Discrete)

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	10380.17	42.94	12.81	55.75	68.30	-12.55	Peak	100	146

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	:	42	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	13.5Mbps



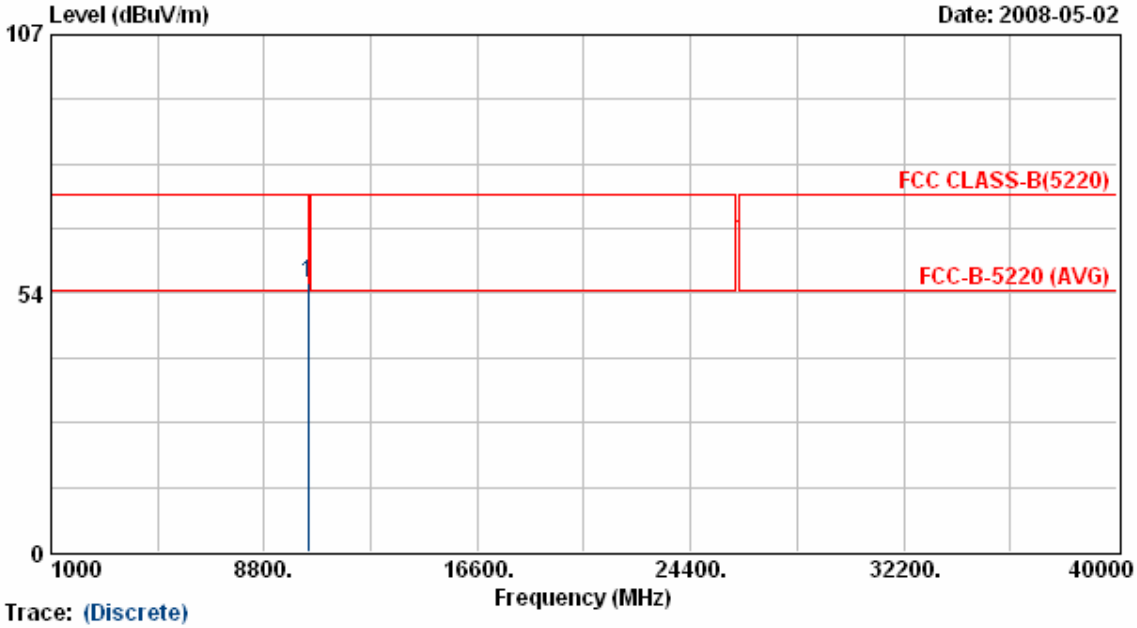
Trace: (Discrete)

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	10420.00	43.19	12.87	56.06	68.30	-12.24	Peak	100	160

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	:	42	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	13.5Mbps



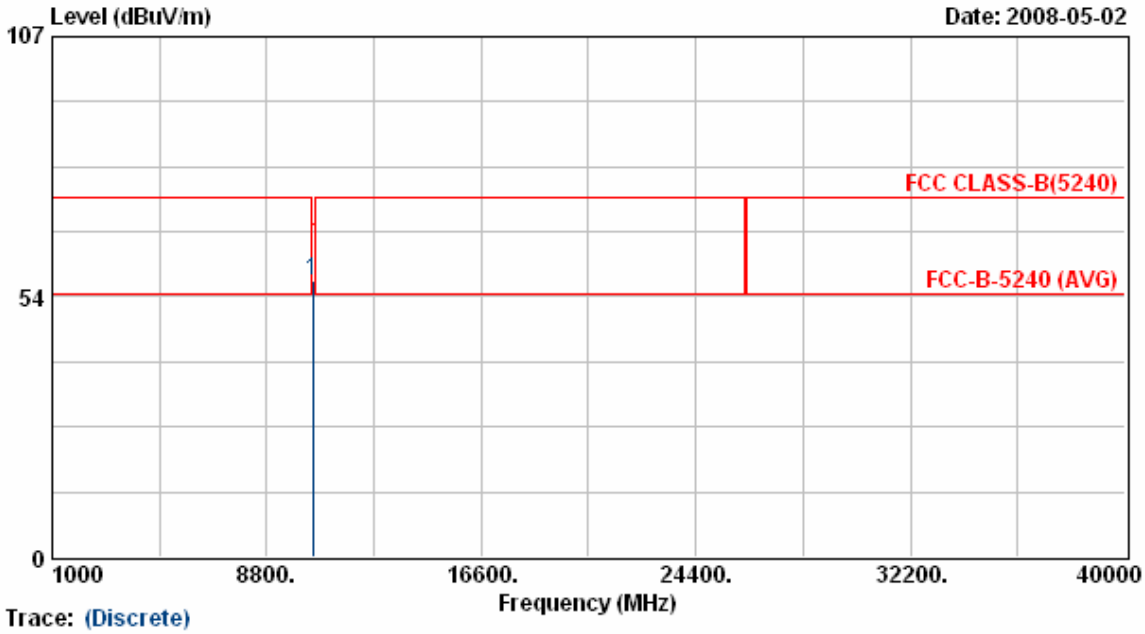
Trace: (Discrete)

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	10419.85	42.61	12.87	55.48	68.30	-12.82	Peak	100	146

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	:	46	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	13.5Mbps



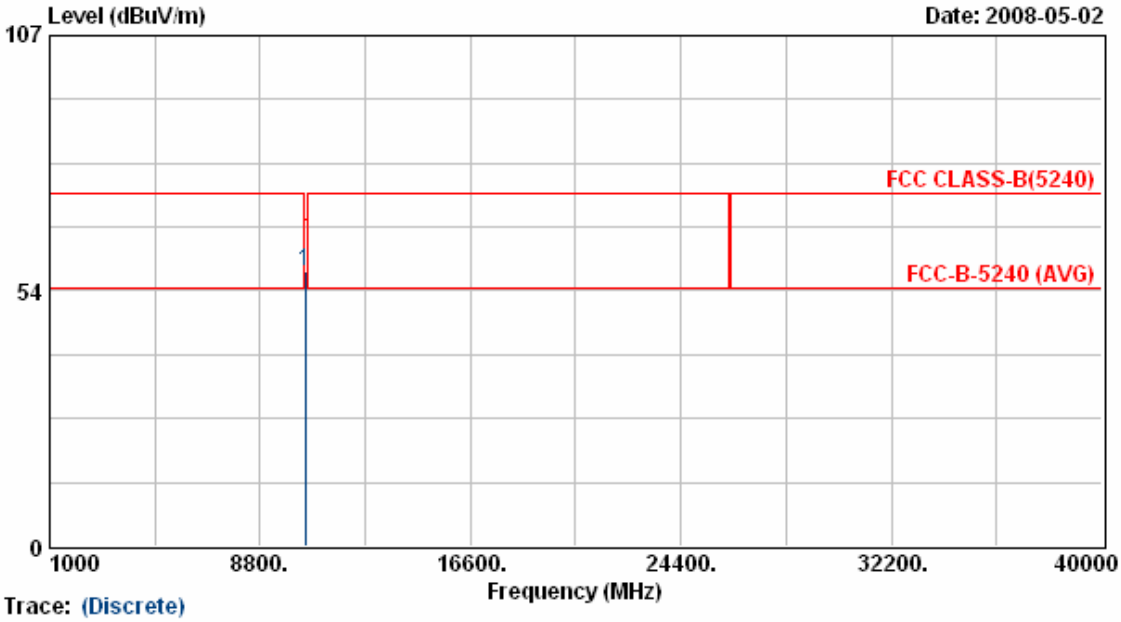
Trace: (Discrete)

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	10459.90	43.74	12.94	56.68	68.30	-11.62	Peak	100	160

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	:	46	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:	MU18-2120150-A1	Rate	:	13.5Mbps



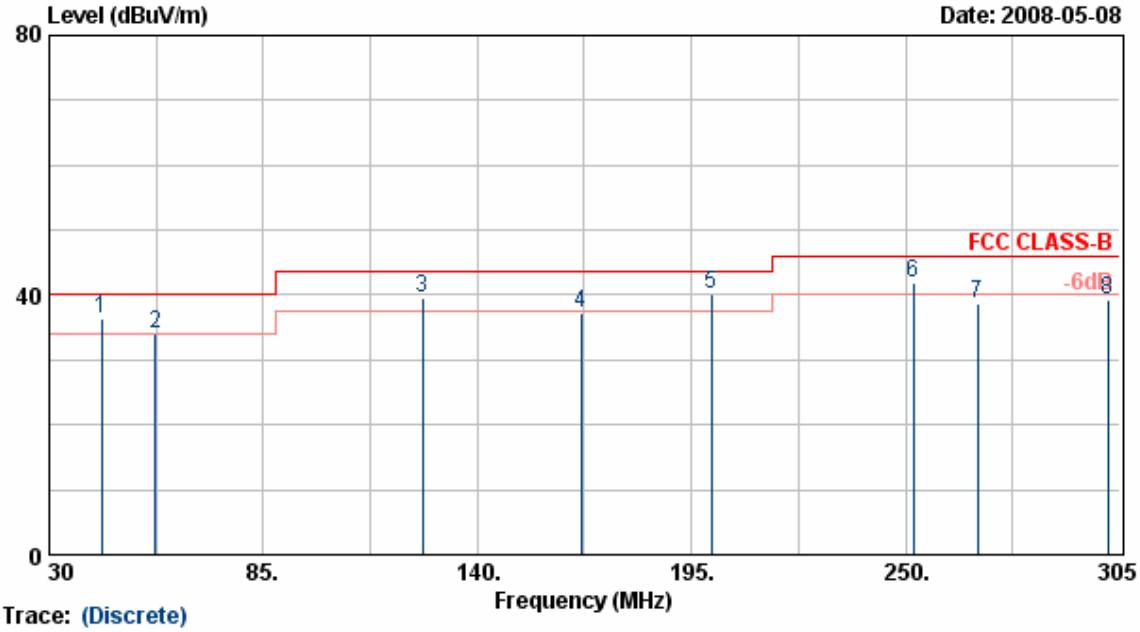
Trace: (Discrete)

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	10460.10	44.70	12.94	57.64	68.30	-10.66	Peak	100	146

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	:	36	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6Mbps



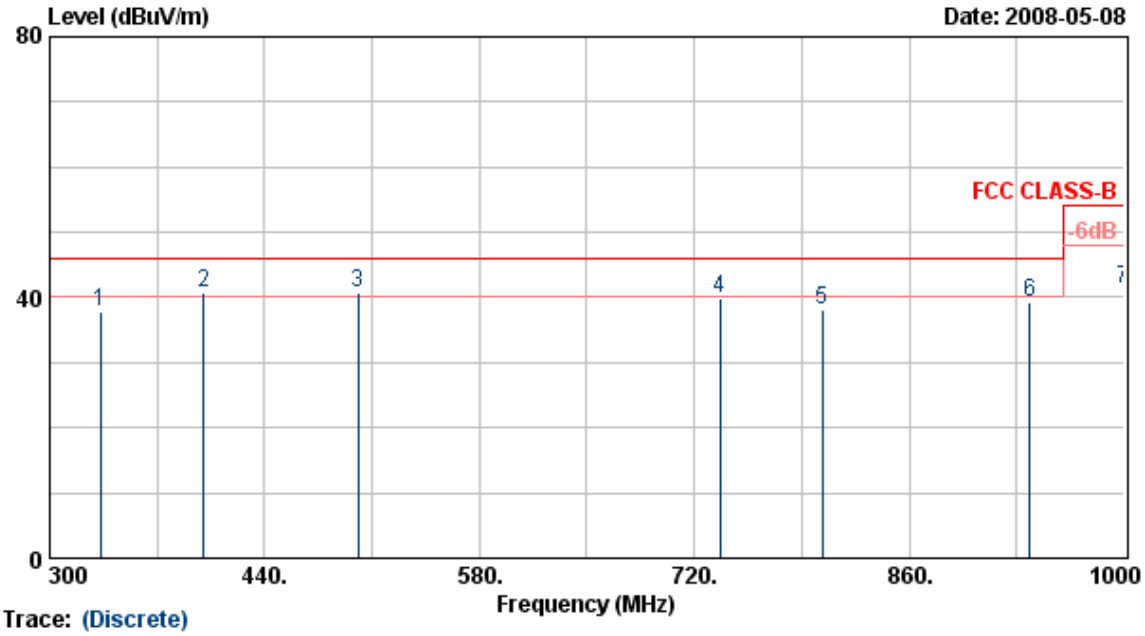
Trace: (Discrete)

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	43.48	49.46	-13.01	36.44	40.00	-3.56	QP	100	96
2	57.23	50.29	-16.21	34.08	40.00	-5.92	QP	100	85
3	125.98	53.20	-13.65	39.55	43.50	-3.95	QP	100	42
4	166.66	50.28	-12.91	37.37	43.50	-6.13	QP	100	42
5	200.23	51.79	-11.71	40.08	43.50	-3.42	QP	100	0
6	251.90	53.77	-11.81	41.96	46.00	-4.04	QP	100	0
7	268.43	47.45	-8.63	38.82	46.00	-7.18	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 802.11a mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from POE	Pol/Phase	:	VERTICAL
Test Mode 11	:	Transmit / Receive	Temperature	:	25 °C
Operation Channel	:	36	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6Mbps



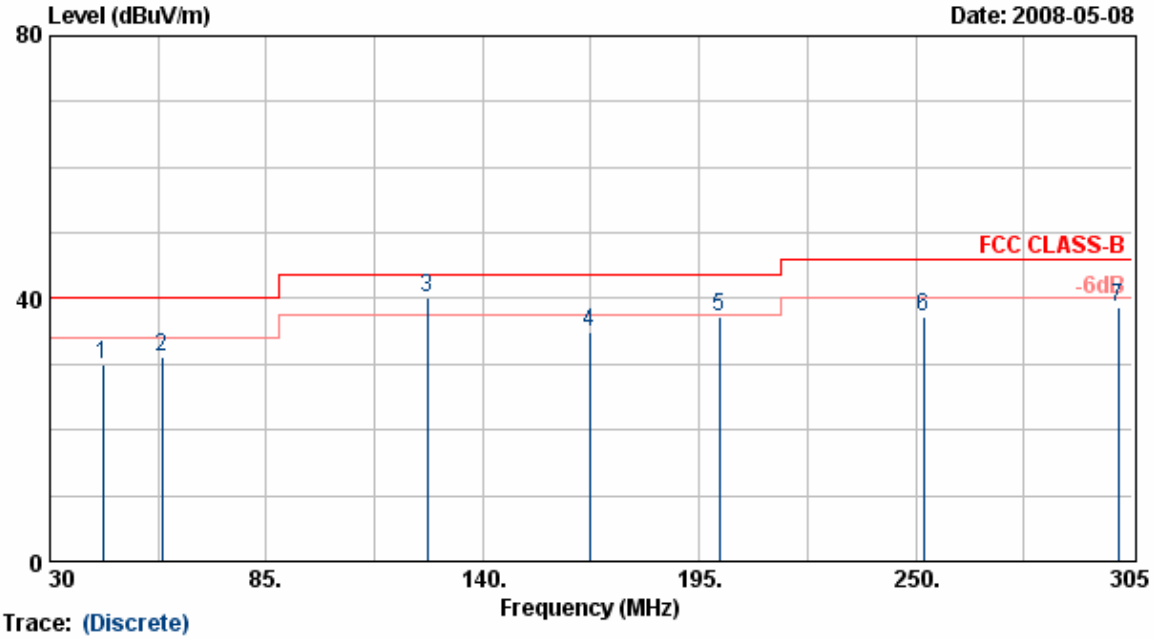
Trace: (Discrete)

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	48.23	-10.54	37.69	46.00	-8.31	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	40.78	-2.76	38.02	46.00	-7.98	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 802.11a mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from POE	Pol/Phase	:	HORIZONTAL
Test Mode 11	:	Transmit / Receive	Temperature	:	25 °C
Operation Channel	:	36	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6Mbps



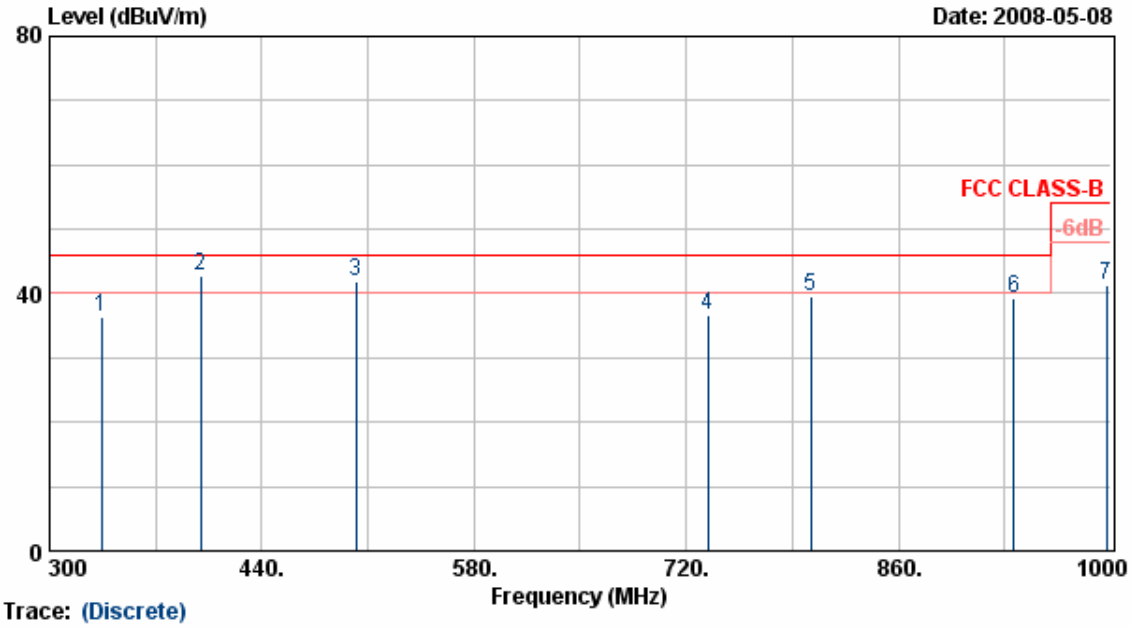
Trace: (Discrete)

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	47.65	-17.82	29.83	40.00	-10.17	Peak	200	50
2	58.60	53.49	-22.39	31.10	40.00	-8.90	Peak	200	89
3	125.98	59.88	-19.62	40.26	43.50	-3.24	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	52.88	-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 802.11a mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from POE	Pol/Phase	:	HORIZONTAL
Test Mode 11	:	Transmit / Receive	Temperature	:	25 °C
Operation Channel	:	36	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6Mbps



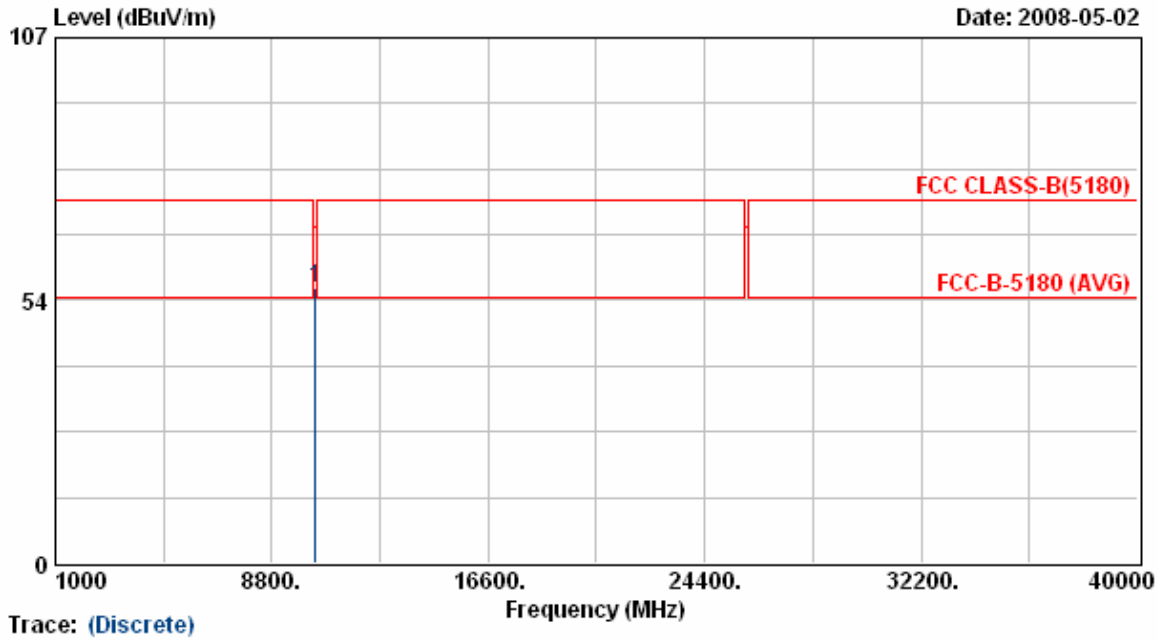
Trace: (Discrete)

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	48.49	-12.21	36.28	46.00	-9.72	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	39.90	-0.40	39.50	46.00	-6.50	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 802.11a mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 was chosen as representative in final test.
5. The data is worse case.

Power	:	DC 48V from POE	Pol/Phase	:	VERTICAL
Test Mode 11	:	Transmit / Receive	Temperature	:	25 °C
Operation Channel	:	36	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6Mbps



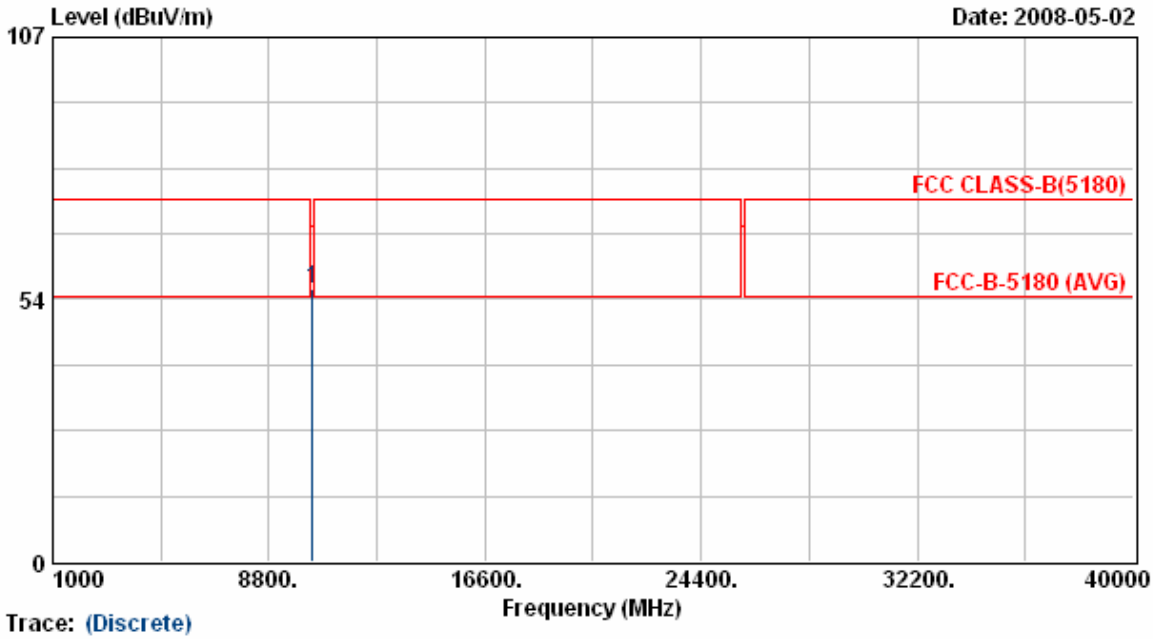
Trace: (Discrete)

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	10359.88	43.23	12.78	56.01	68.30	-12.29	Peak	100	160

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	:	36	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6Mbps



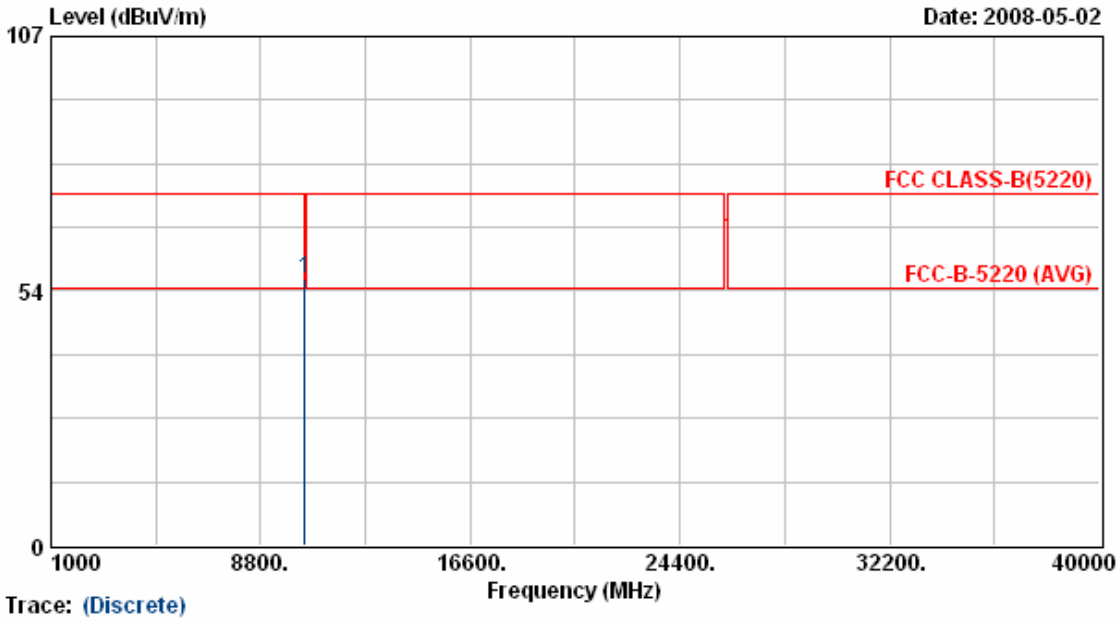
Trace: (Discrete)

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	10360.17	42.97	12.78	55.75	68.30	-12.55	Peak	100	146

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	:	44	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6Mbps



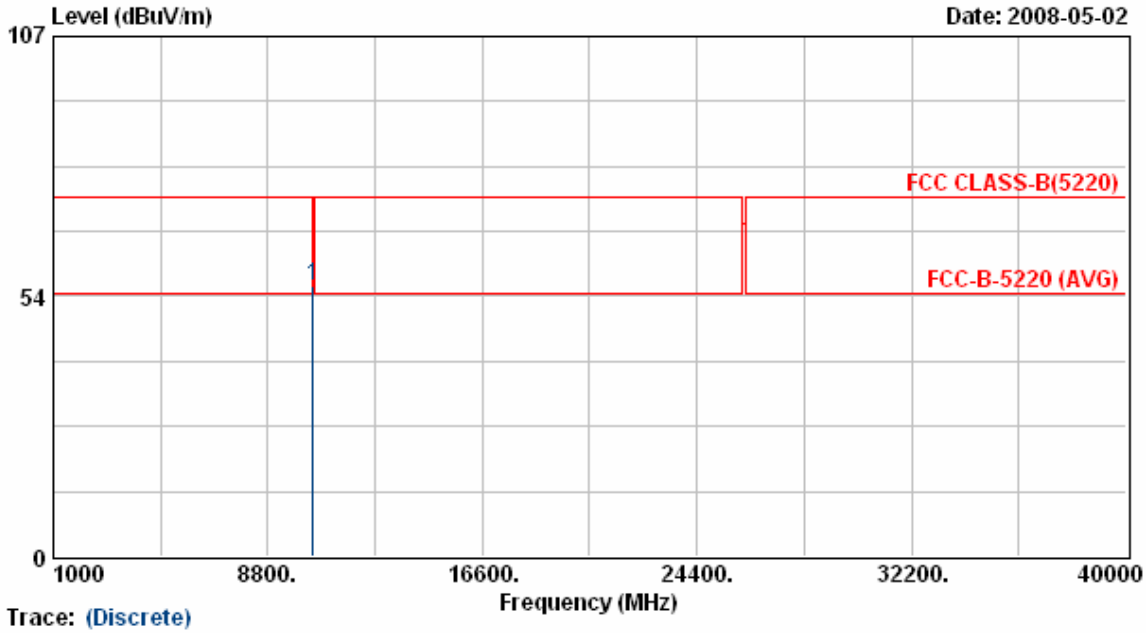
Trace: (Discrete)

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	10440.00	43.15	12.90	56.06	68.30	-12.24	Peak	100	160

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	:	44		Humidity	:	65 %	
Modulation Type	:	802.11a		Atmospheric Pressure	:	1020 hPa	
Memo	:			Rate	:	6Mbps	



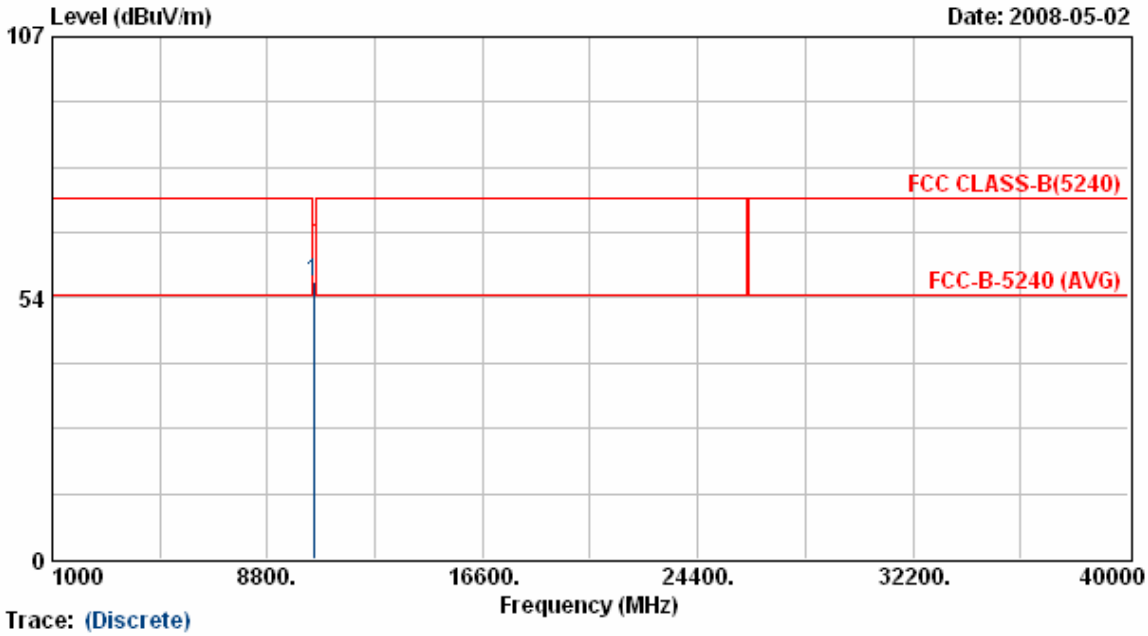
Trace: (Discrete)

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	10439.85	42.58	12.90	55.48	68.30	-12.82	Peak	100	146

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	:	48	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6Mbps



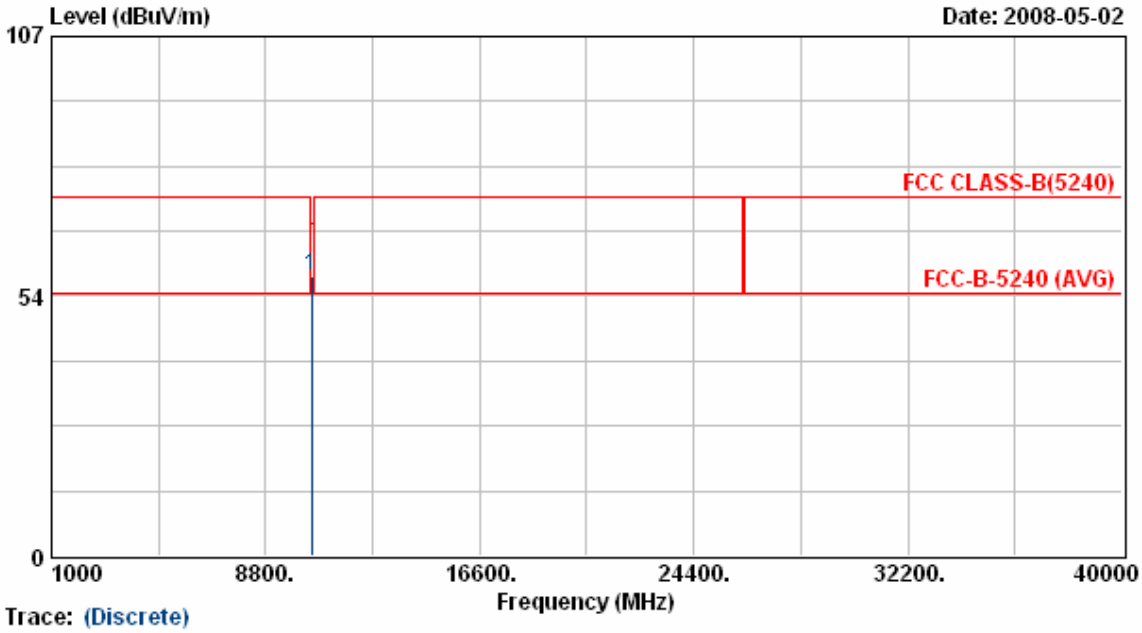
Trace: (Discrete)

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	10479.90	43.71	12.97	56.68	68.30	-11.62	Peak	100	160

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	:	48	Humidity	:	65 %
Modulation Type	:	802.11a	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6Mbps



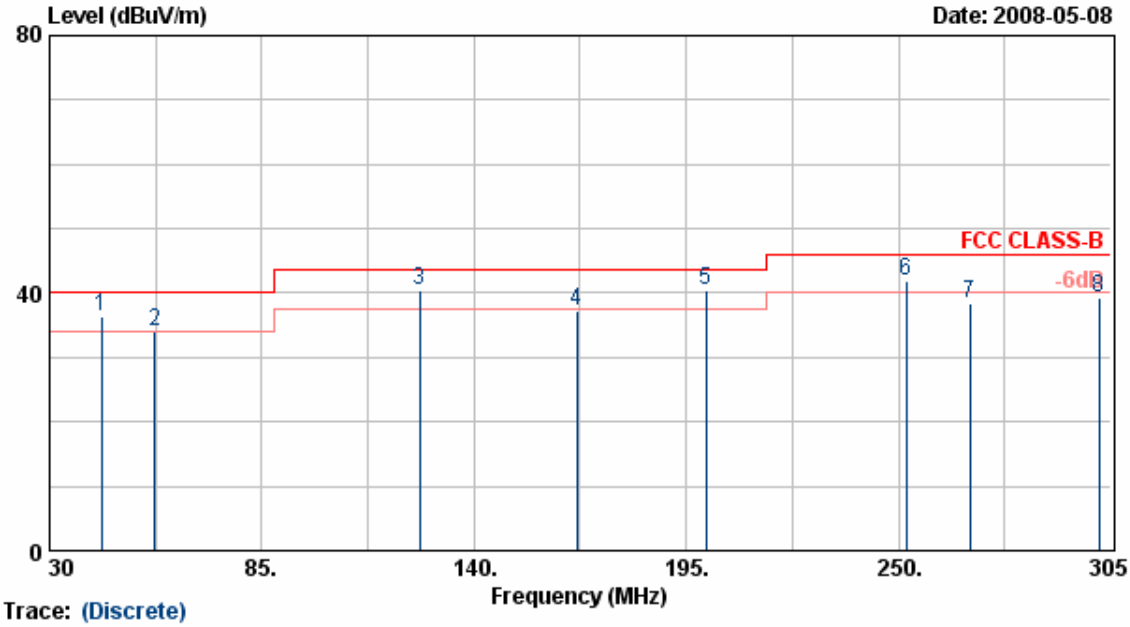
Trace: (Discrete)

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	10480.10	44.67	12.97	57.64	68.30	-10.66	Peak	100	146

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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6.5Mbps



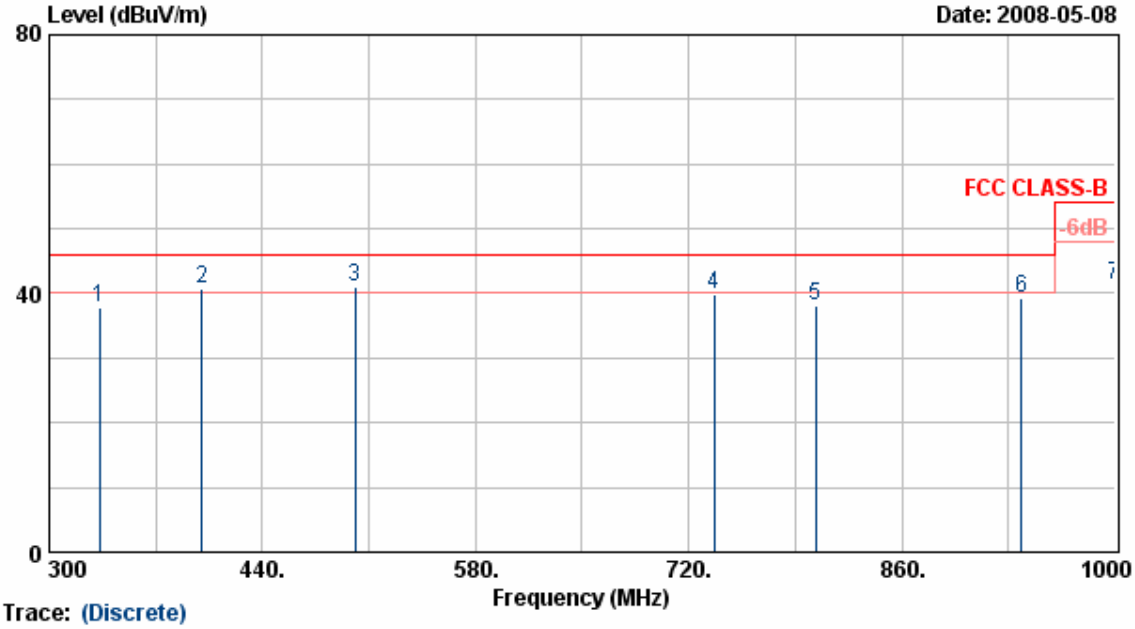
Trace: (Discrete)

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	49.26	-13.01	36.25	40.00	-3.75	QP	100	96
2	57.23	50.29	-16.21	34.08	40.00	-5.92	QP	100	85
3	125.98	53.98	-13.65	40.33	43.50	-3.17	QP	100	42
4	166.66	50.28	-12.91	37.37	43.50	-6.13	QP	100	42
5	200.23	52.15	-11.71	40.44	43.50	-3.06	QP	100	0
6	251.90	53.77	-11.81	41.96	46.00	-4.04	QP	100	0
7	268.43	47.10	-8.63	38.47	46.00	-7.53	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6.5Mbps



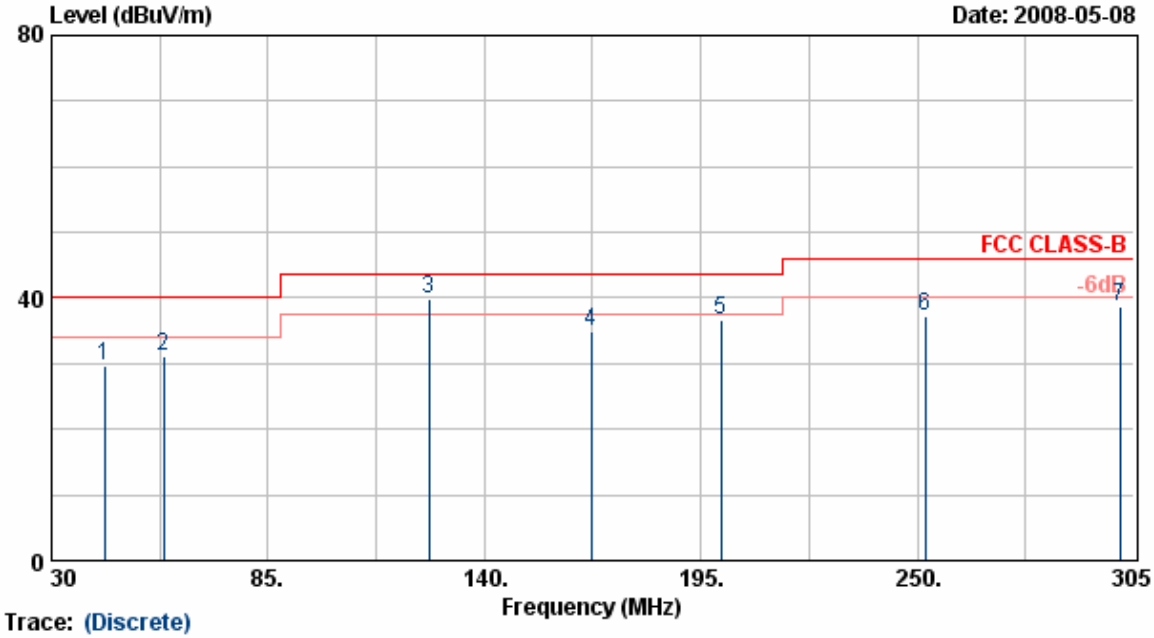
Trace: (Discrete)

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	48.46	-10.54	37.91	46.00	-8.09	Peak	100	84
2	400.00	49.68	-8.86	40.82	46.00	-5.18	QP	100	84
3	500.90	45.94	-4.89	41.04	46.00	-4.96	QP	100	111
4	736.80	36.93	2.84	39.77	46.00	-6.23	Peak	100	111
5	803.30	40.79	-2.76	38.03	46.00	-7.97	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6.5Mbps



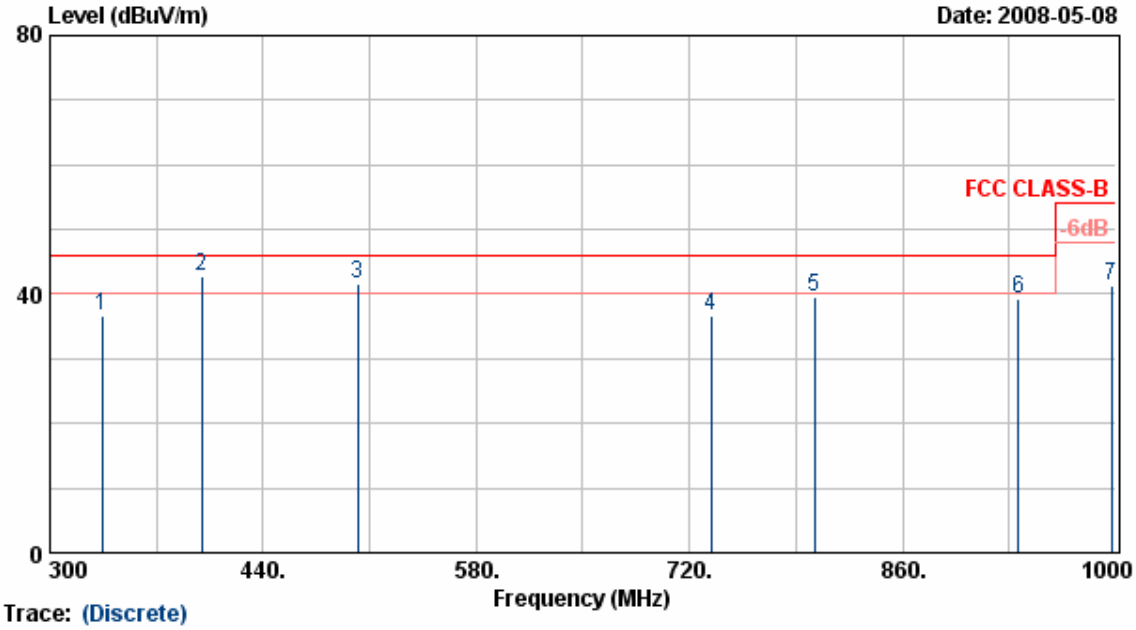
Trace: (Discrete)

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	47.39	-17.82	29.57	40.00	-10.43	Peak	200	50
2	58.60	53.49	-22.39	31.10	40.00	-8.90	Peak	200	89
3	125.98	59.39	-19.62	39.77	43.50	-3.73	QP	200	97
4	167.23	53.39	-18.38	35.01	43.50	-8.49	Peak	200	55
5	200.23	51.38	-14.58	36.80	43.50	-6.70	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6.5Mbps



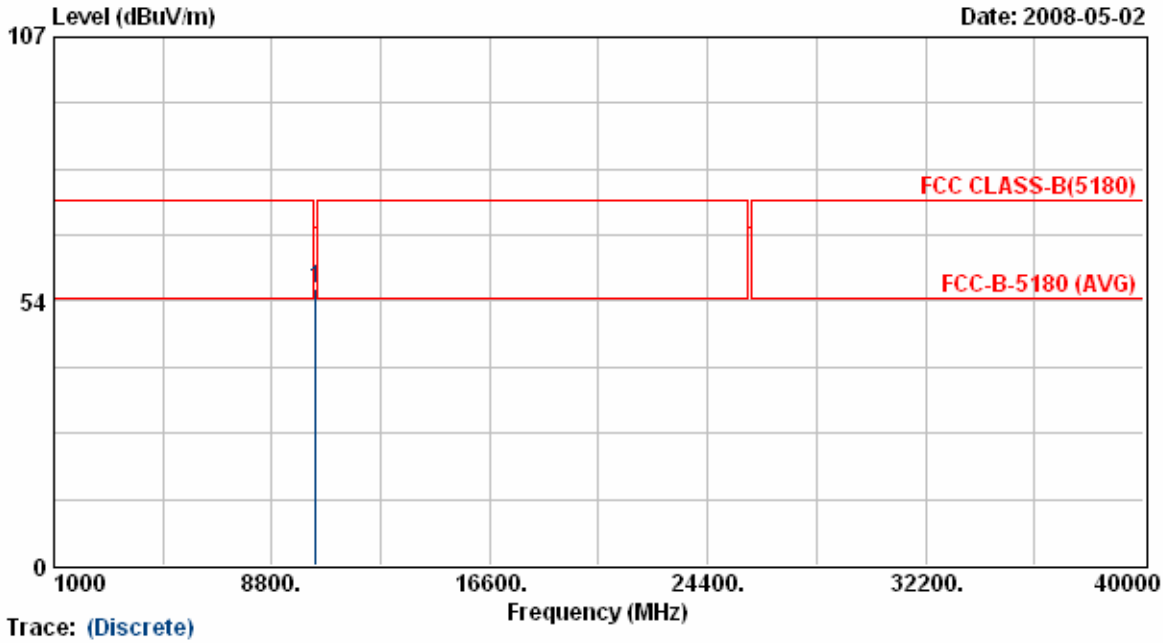
Trace: (Discrete)

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	48.97	-12.21	36.76	46.00	-9.24	Peak	200	48
2	399.40	53.84	-11.05	42.79	46.00	-3.21	QP	200	71
3	502.30	46.65	-5.03	41.62	46.00	-4.38	QP	200	71
4	734.00	37.84	-1.12	36.72	46.00	-9.28	Peak	200	89
5	801.90	39.99	-0.40	39.59	46.00	-6.41	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6.5Mbps



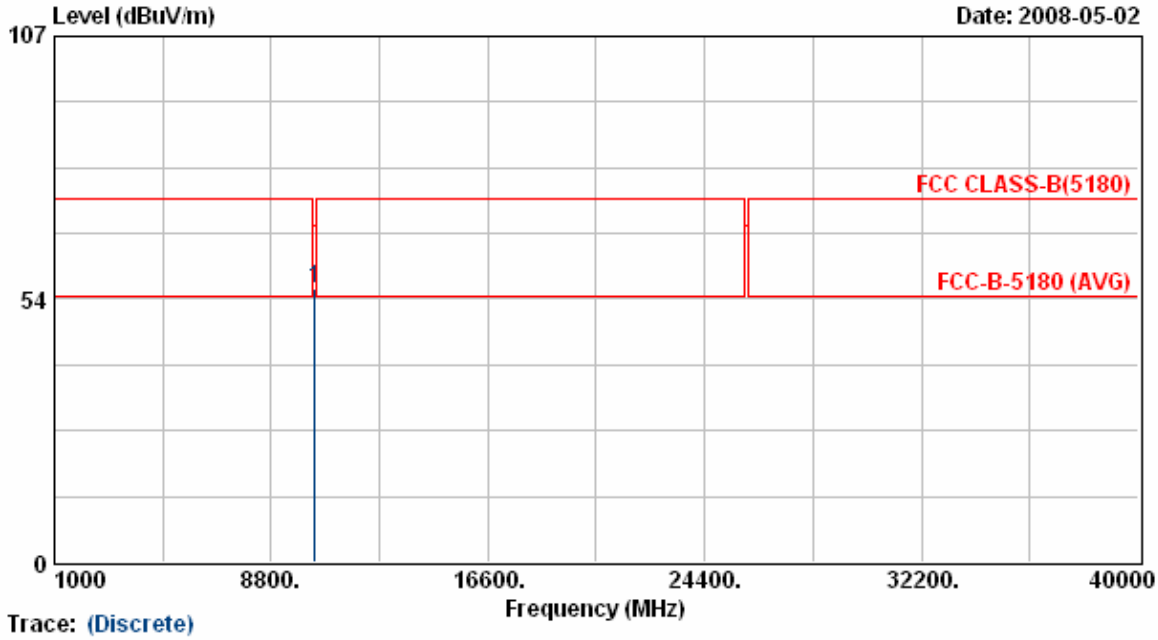
Trace: (Discrete)

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	10359.88	43.23	12.78	56.01	68.30	-12.29	Peak	100	160

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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6.5Mbps



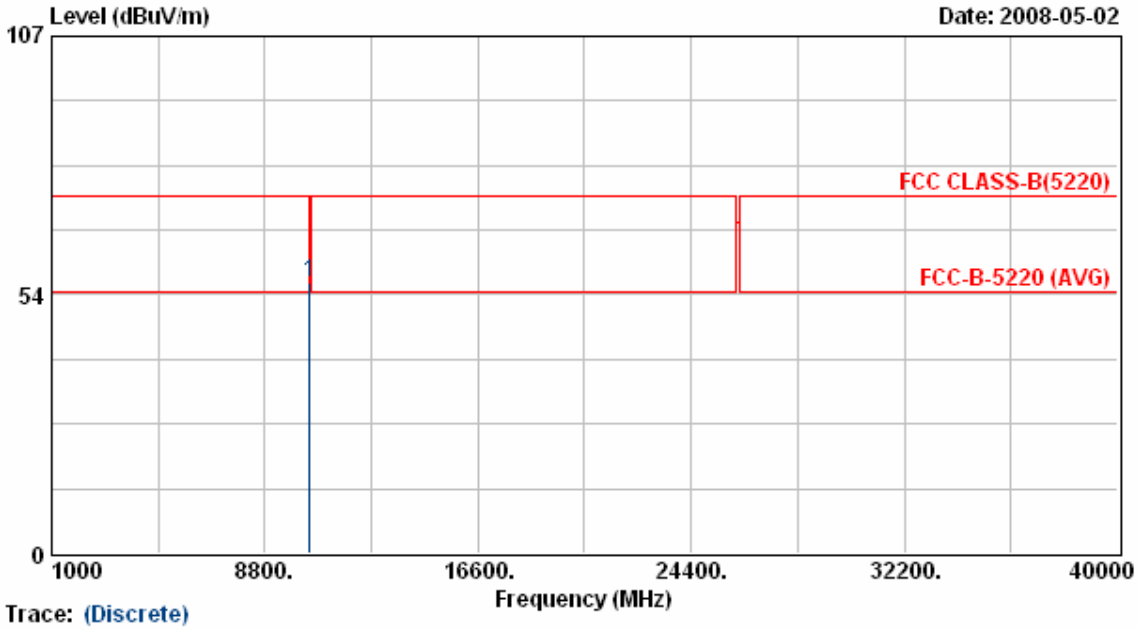
Trace: (Discrete)

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	10360.17	42.97	12.78	55.75	68.30	-12.55	Peak	100	146

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	:	44	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6.5Mbps



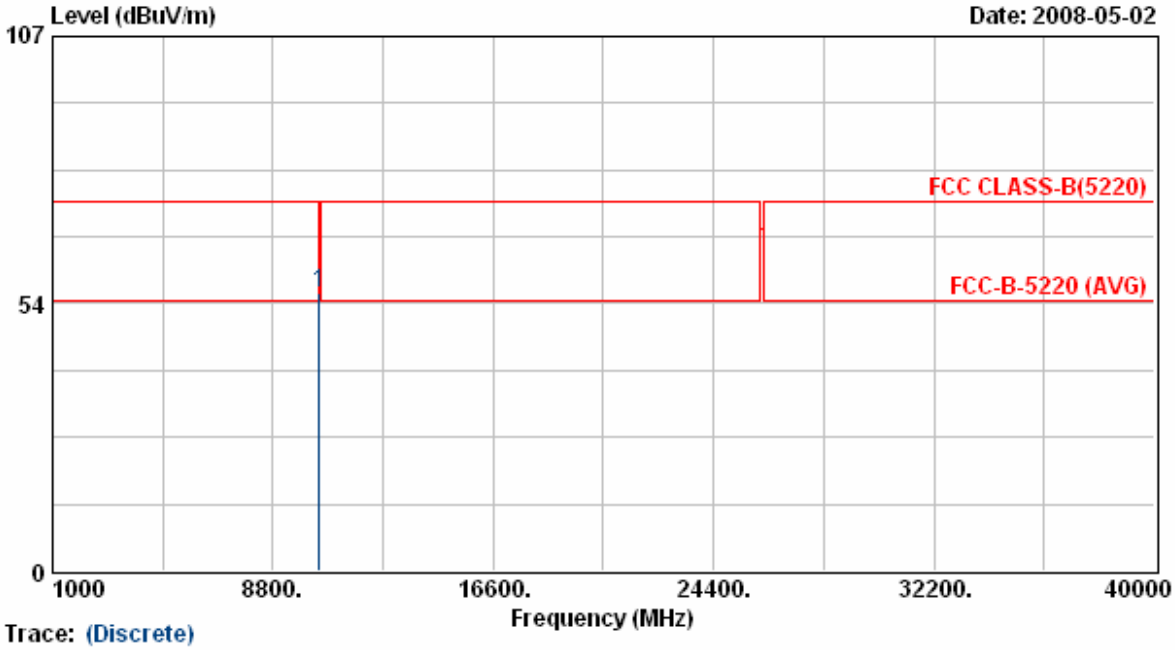
Trace: (Discrete)

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	10440.00	43.15	12.90	56.06	68.30	-12.24	Peak	100	160

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	:	44	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6.5Mbps



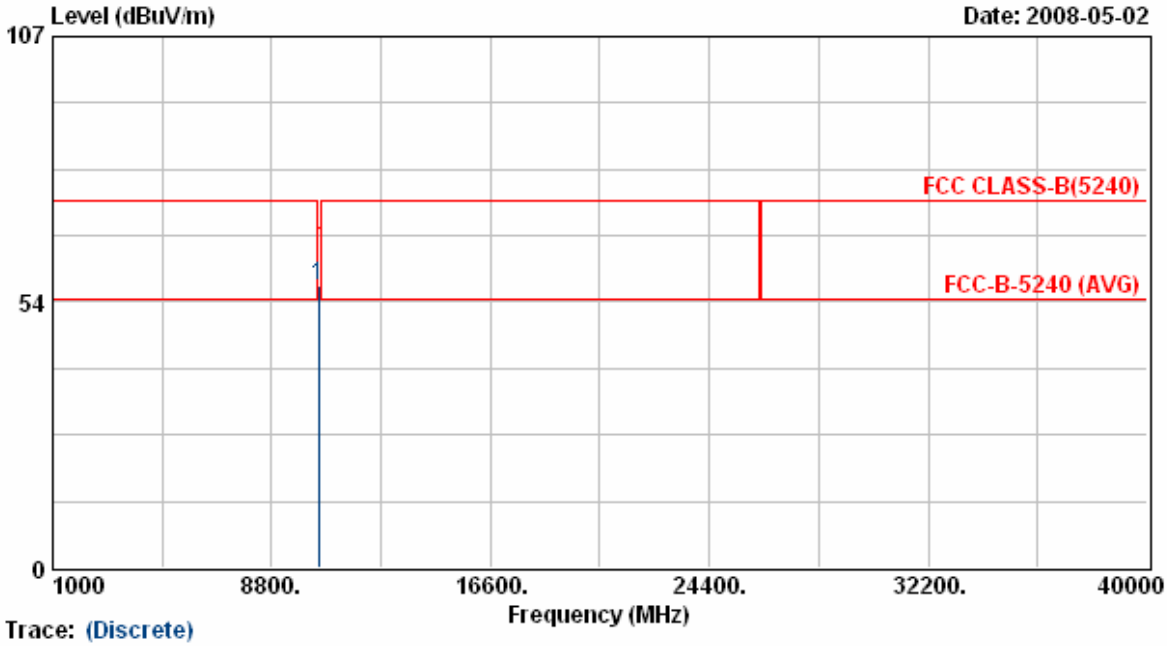
Trace: (Discrete)

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	10439.85	42.58	12.90	55.48	68.30	-12.82	Peak	100	146

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	:	48	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6.5Mbps



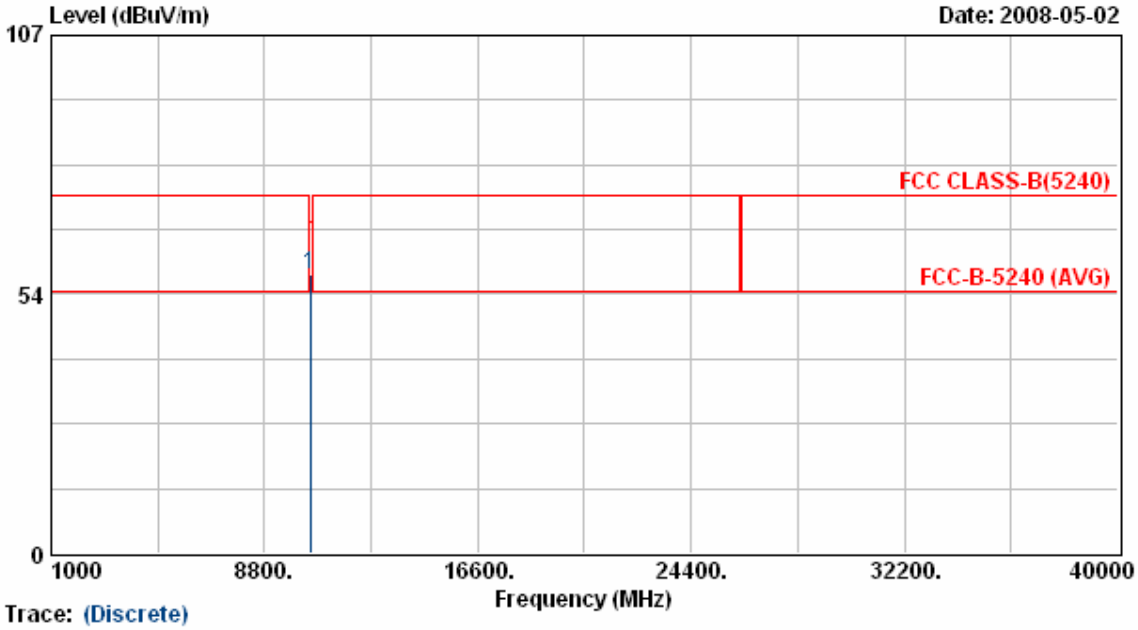
Trace: (Discrete)

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	10479.90	43.71	12.97	56.68	68.30	-11.62	Peak	100	160

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	:	48	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6.5Mbps



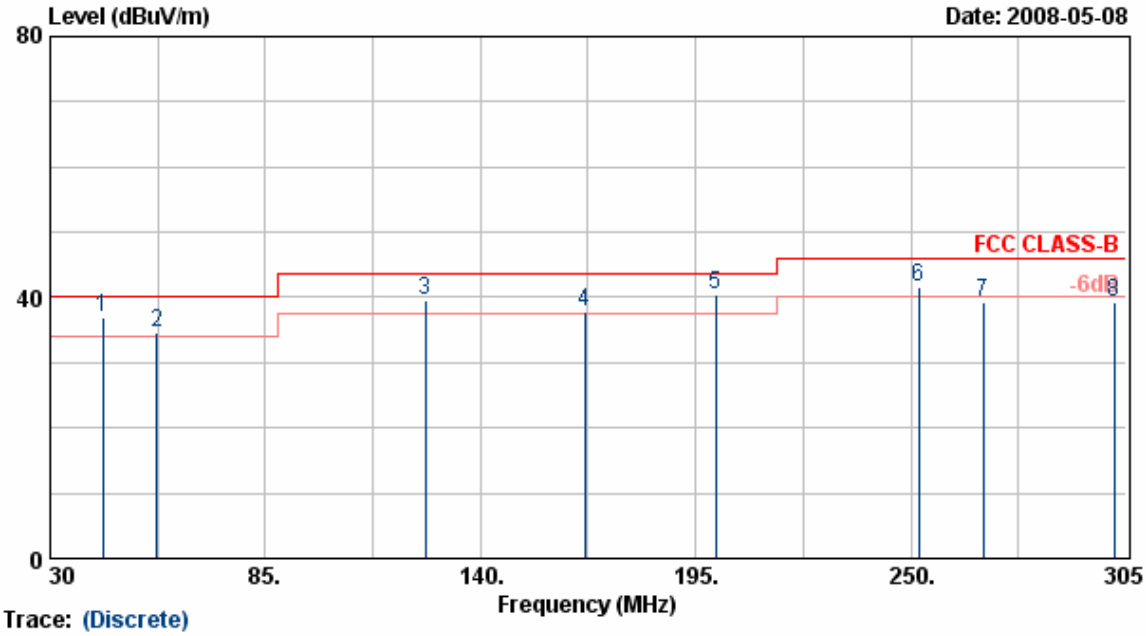
Trace: (Discrete)

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	10480.10	44.67	12.97	57.64	68.30	-10.66	Peak	100	146

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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	13.5Mbps



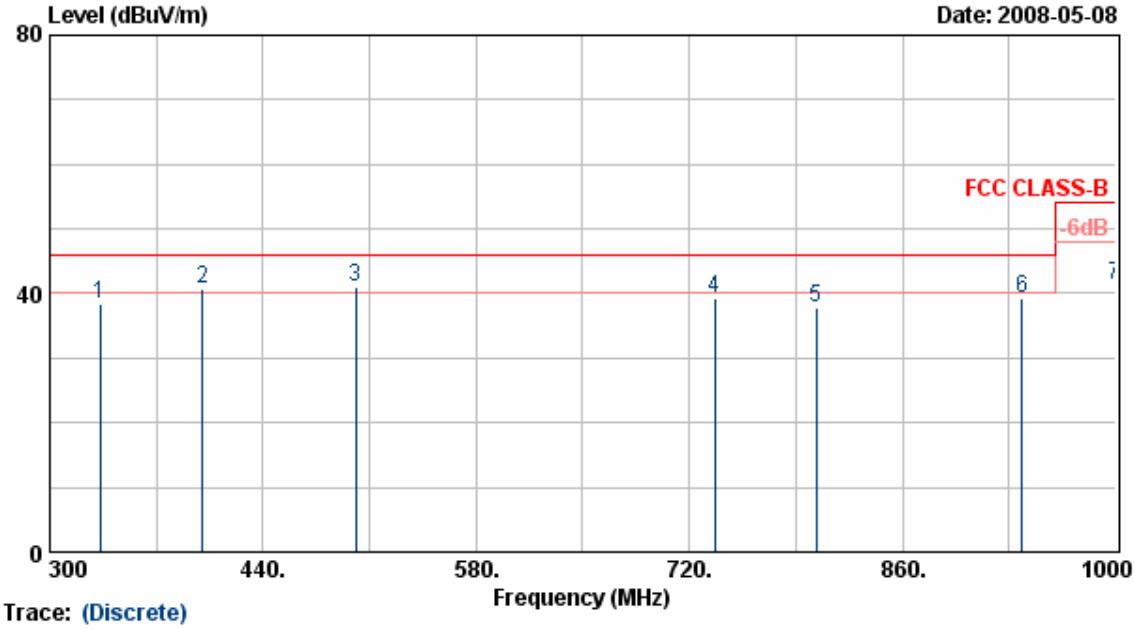
Trace: (Discrete)

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	49.82	-13.01	36.81	40.00	-3.19	QP	100	96
2	57.23	50.96	-16.21	34.75	40.00	-5.25	QP	100	85
3	125.98	53.29	-13.65	39.64	43.50	-3.86	QP	100	42
4	166.66	50.65	-12.91	37.75	43.50	-5.75	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	48.27	-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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	13.5Mbps



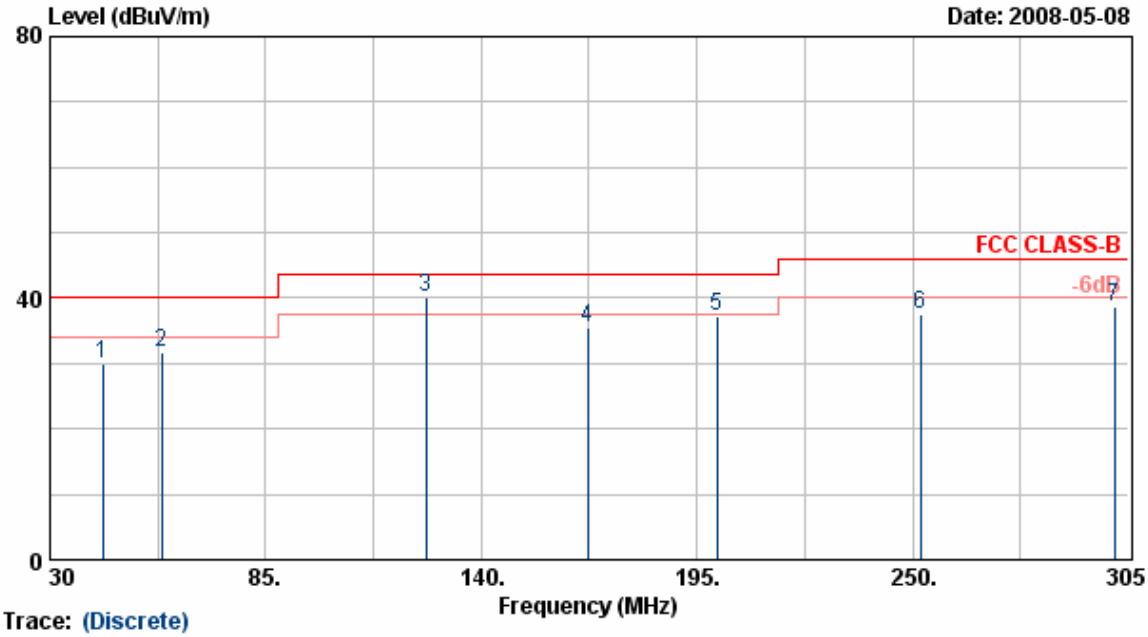
Trace: (Discrete)

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	49.68	-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	36.46	2.84	39.29	46.00	-6.71	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	13.5Mbps



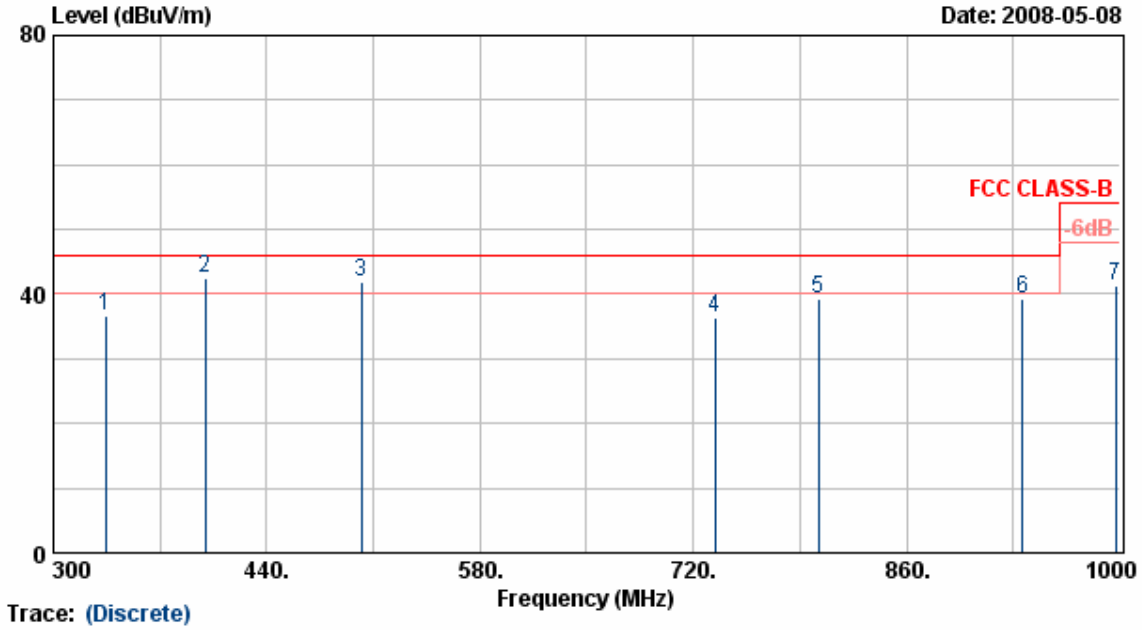
Trace: (Discrete)

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	47.79	-17.82	29.96	40.00	-10.04	Peak	200	50
2	58.60	53.98	-22.39	31.59	40.00	-8.41	Peak	200	89
3	125.98	59.78	-19.62	40.16	43.50	-3.34	QP	200	97
4	167.23	53.94	-18.38	35.56	43.50	-7.94	Peak	200	55
5	200.23	51.80	-14.58	37.22	43.50	-6.28	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	13.5Mbps



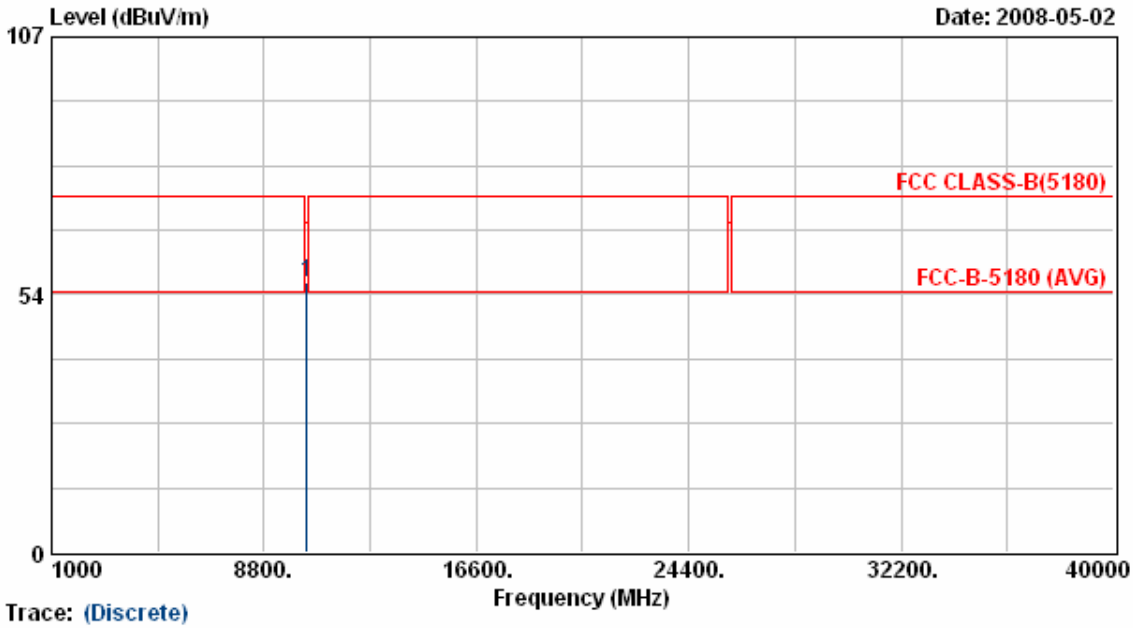
Trace: (Discrete)

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	48.87	-12.21	36.66	46.00	-9.34	Peak	200	48
2	399.40	53.47	-11.05	42.42	46.00	-3.58	QP	200	71
3	502.30	46.79	-5.03	41.76	46.00	-4.24	QP	200	71
4	734.00	37.52	-1.12	36.40	46.00	-9.60	Peak	200	89
5	801.90	39.57	-0.40	39.18	46.00	-6.82	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	13.5Mbps



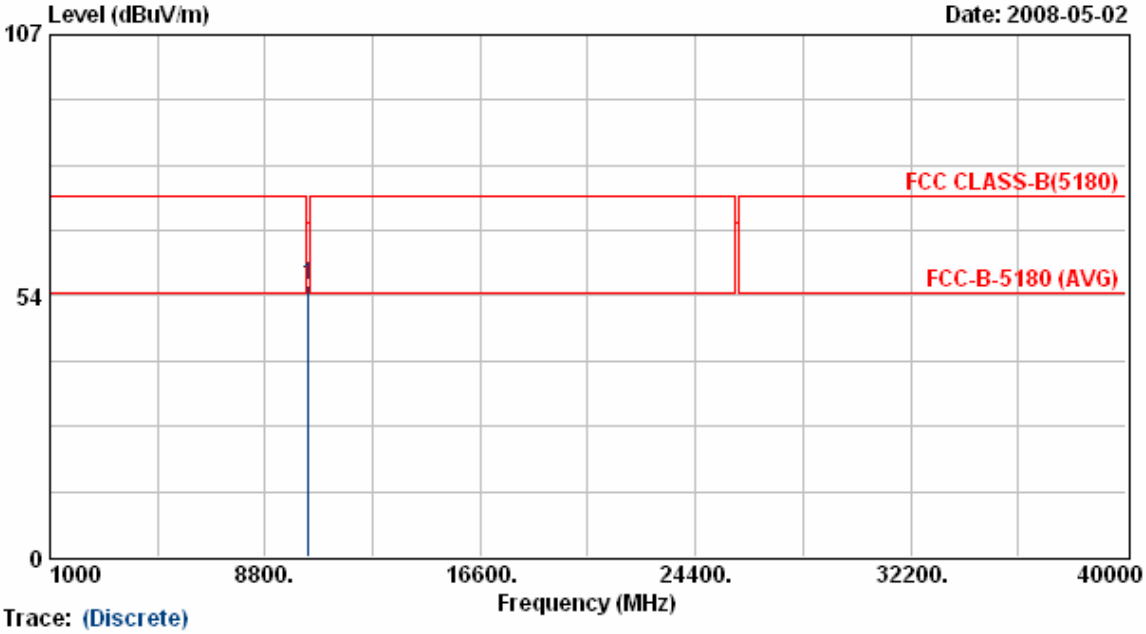
Trace: (Discrete)

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	10379.88	43.20	12.81	56.01	68.30	-12.29	Peak	100	160

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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	13.5Mbps



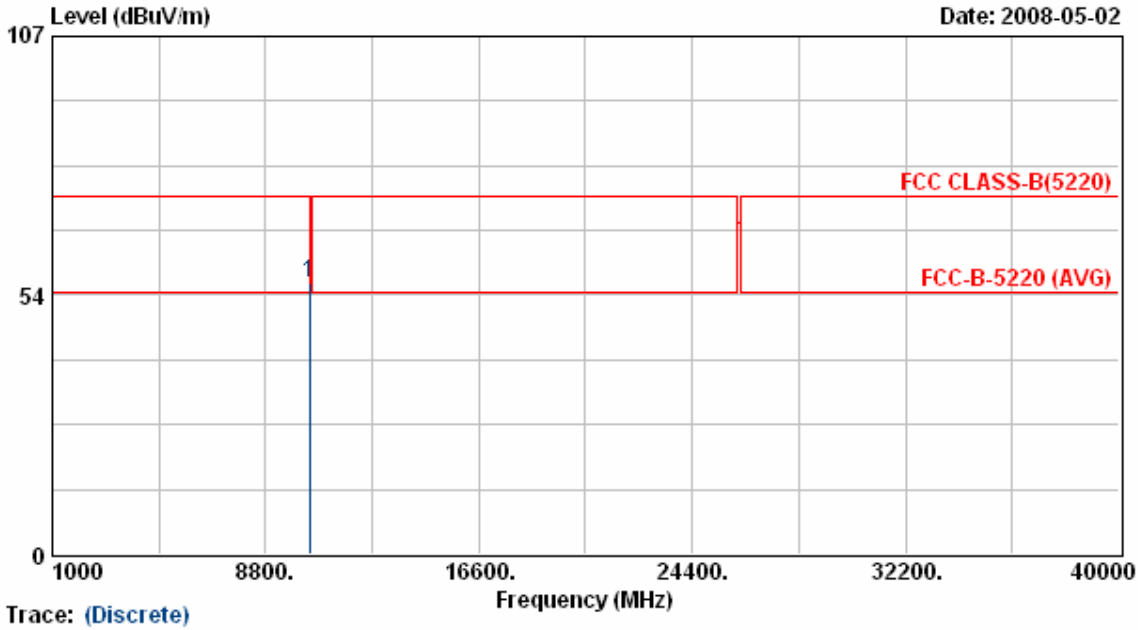
Trace: (Discrete)

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	10380.17	42.94	12.81	55.75	68.30	-12.55	Peak	100	146

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	:	42	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	13.5Mbps



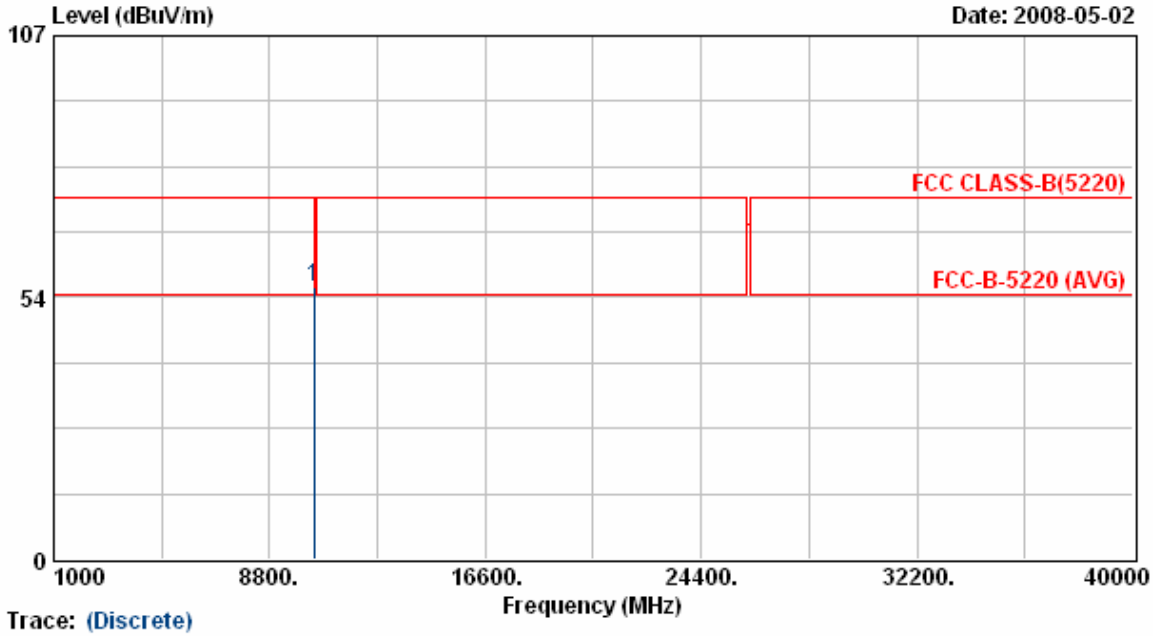
Trace: (Discrete)

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	10420.00	43.19	12.87	56.06	68.30	-12.24	Peak	100	160

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	:	42	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	13.5Mbps



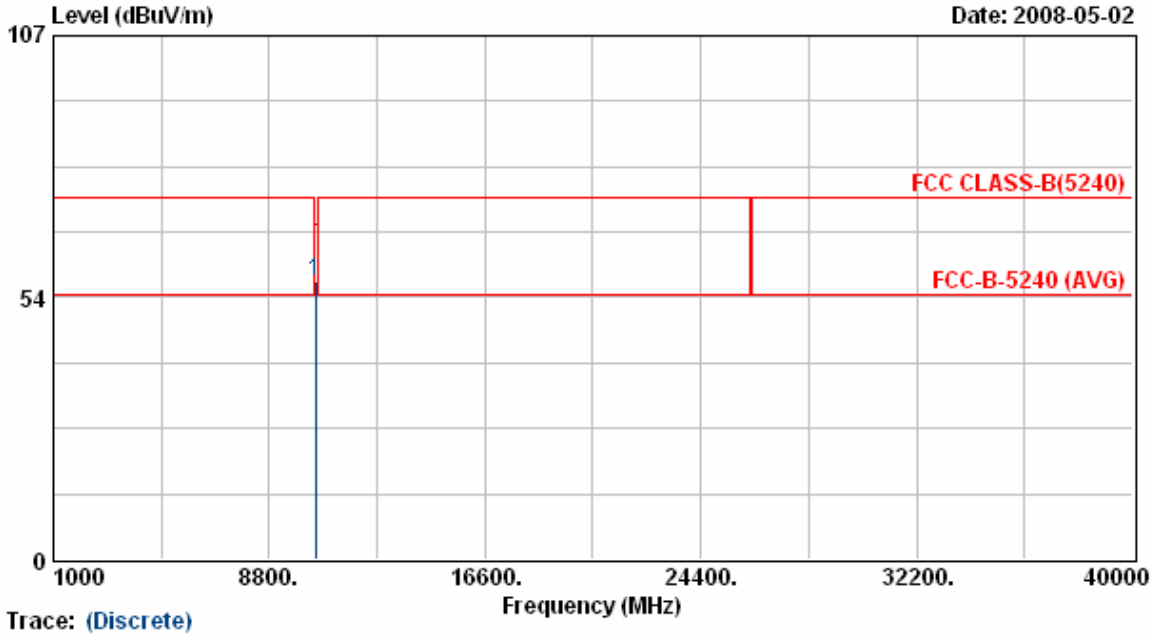
Trace: (Discrete)

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	10419.85	42.61	12.87	55.48	68.30	-12.82	Peak	100	146

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	:	46	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	13.5Mbps



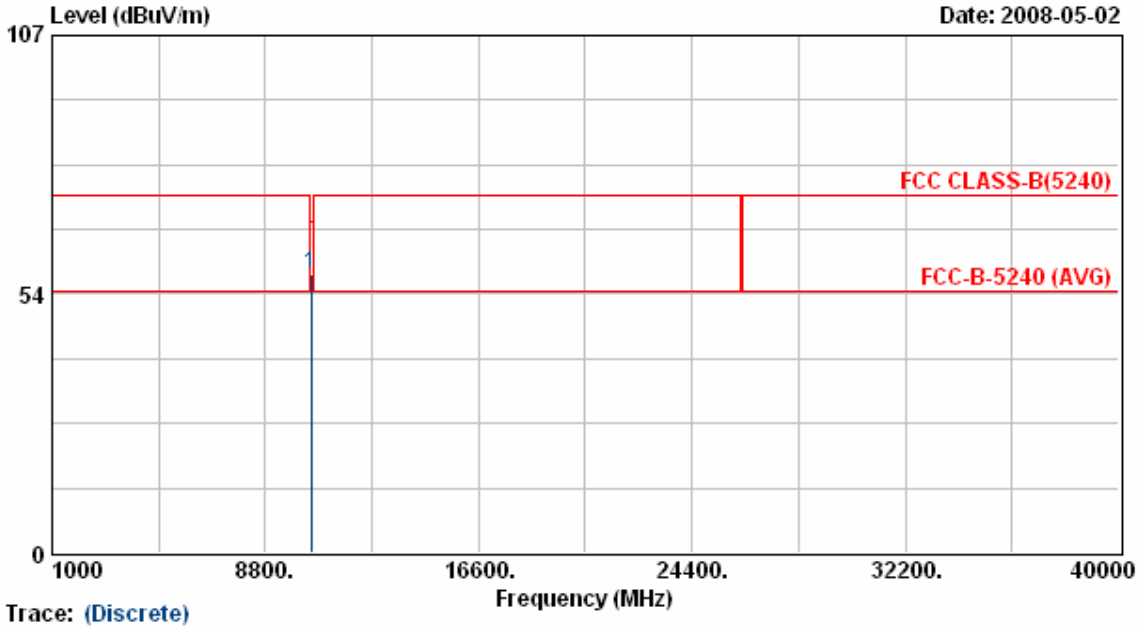
Trace: (Discrete)

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	10459.90	43.74	12.94	56.68	68.30	-11.62	Peak	100	160

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	:	46	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	13.5Mbps



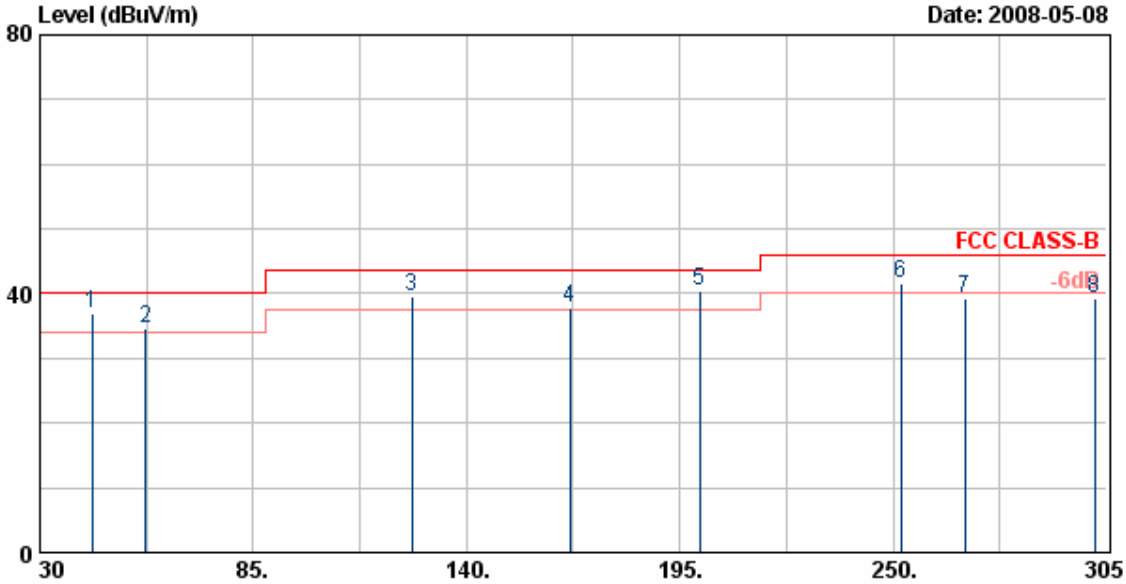
Trace: (Discrete)

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	10460.10	44.70	12.94	57.64	68.30	-10.66	Peak	100	146

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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6.5Mbps



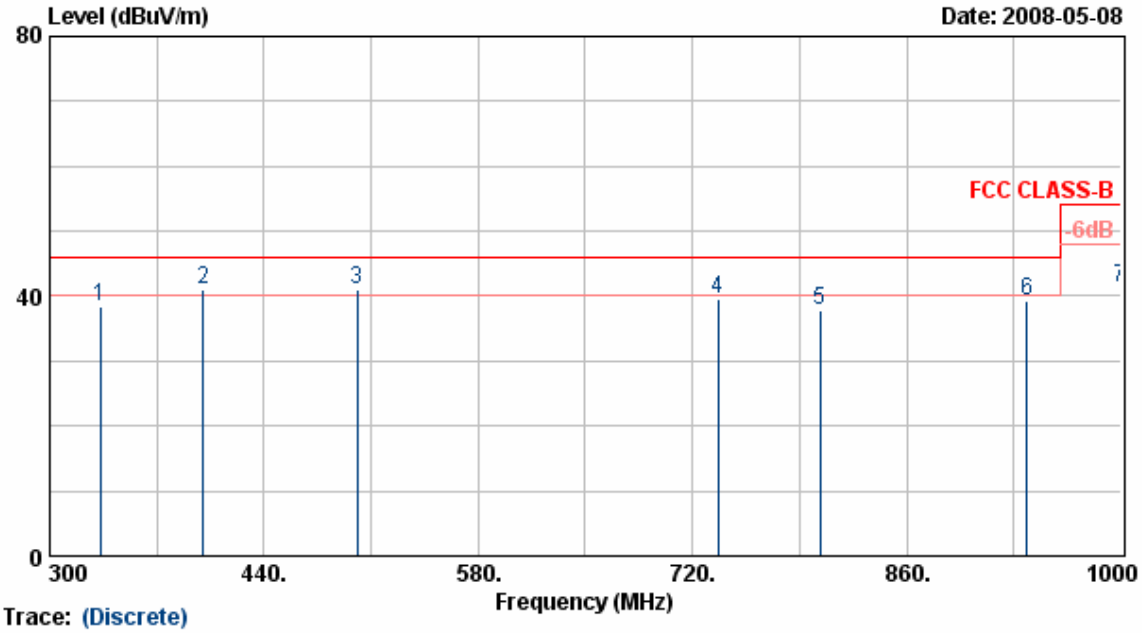
Trace: (Discrete)

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	50.77	-16.21	34.56	40.00	-5.44	QP	100	85
3	125.98	53.29	-13.65	39.64	43.50	-3.86	QP	100	42
4	166.66	50.77	-12.91	37.86	43.50	-5.64	QP	100	42
5	200.23	52.18	-11.71	40.47	43.50	-3.03	QP	100	0
6	251.90	53.40	-11.81	41.59	46.00	-4.41	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6.5Mbps



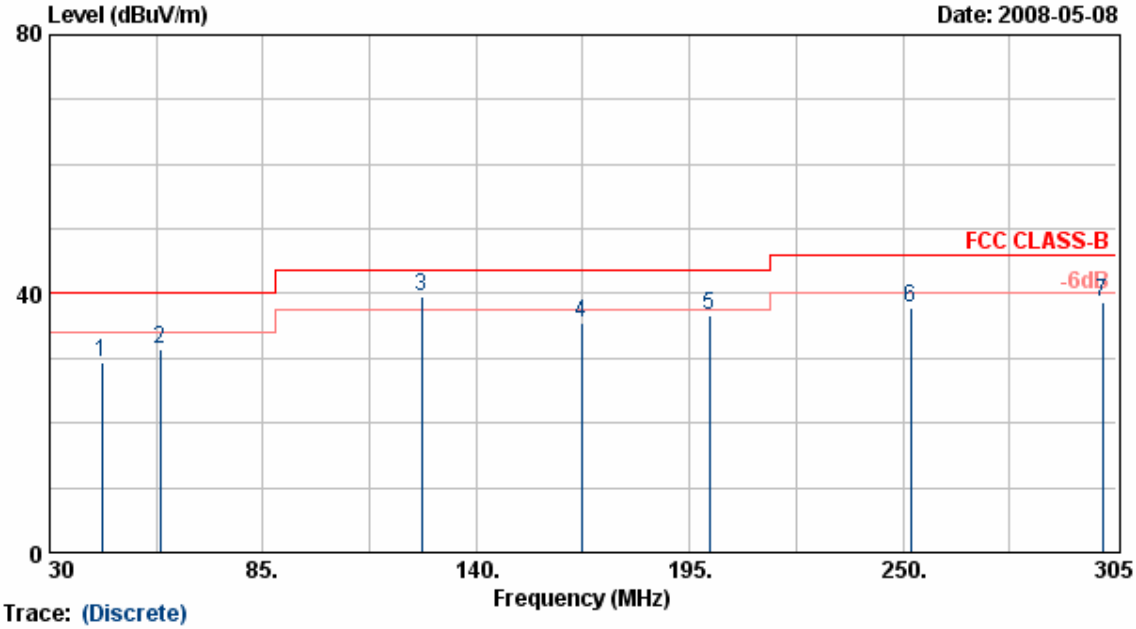
Trace: (Discrete)

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	49.76	-8.86	40.90	46.00	-5.11	QP	100	84
3	500.90	45.97	-4.89	41.08	46.00	-4.92	QP	100	111
4	736.80	36.78	2.84	39.62	46.00	-6.38	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6.5Mbps



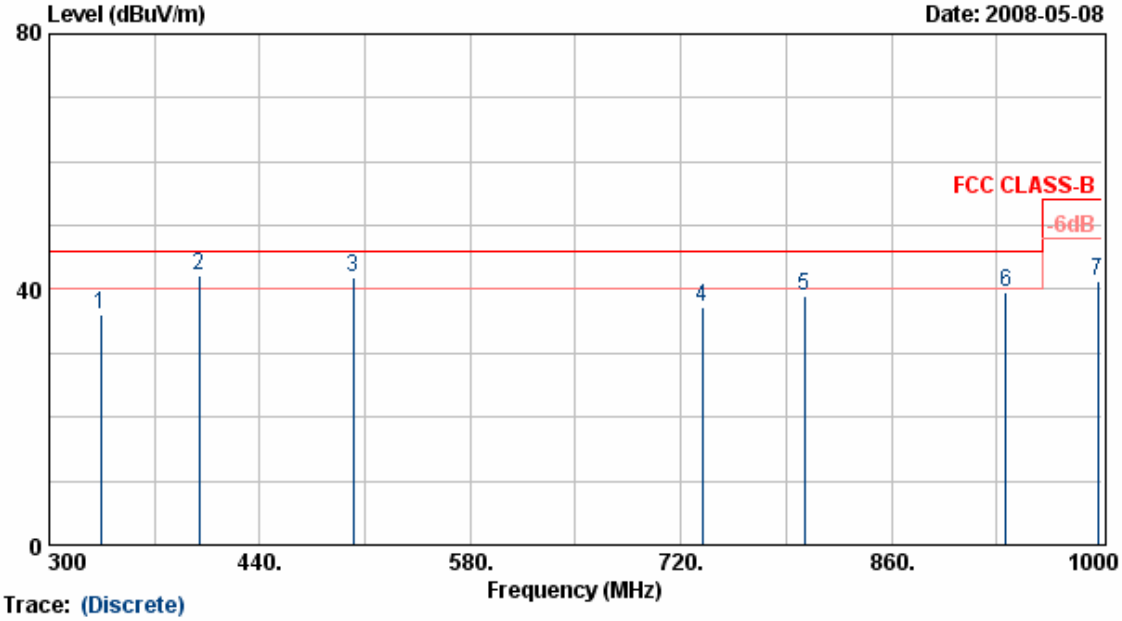
Trace: (Discrete)

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	53.87	-22.39	31.48	40.00	-8.52	Peak	200	89
3	125.98	59.18	-19.62	39.56	43.50	-3.94	QP	200	97
4	167.23	53.87	-18.38	35.49	43.50	-8.01	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6.5Mbps



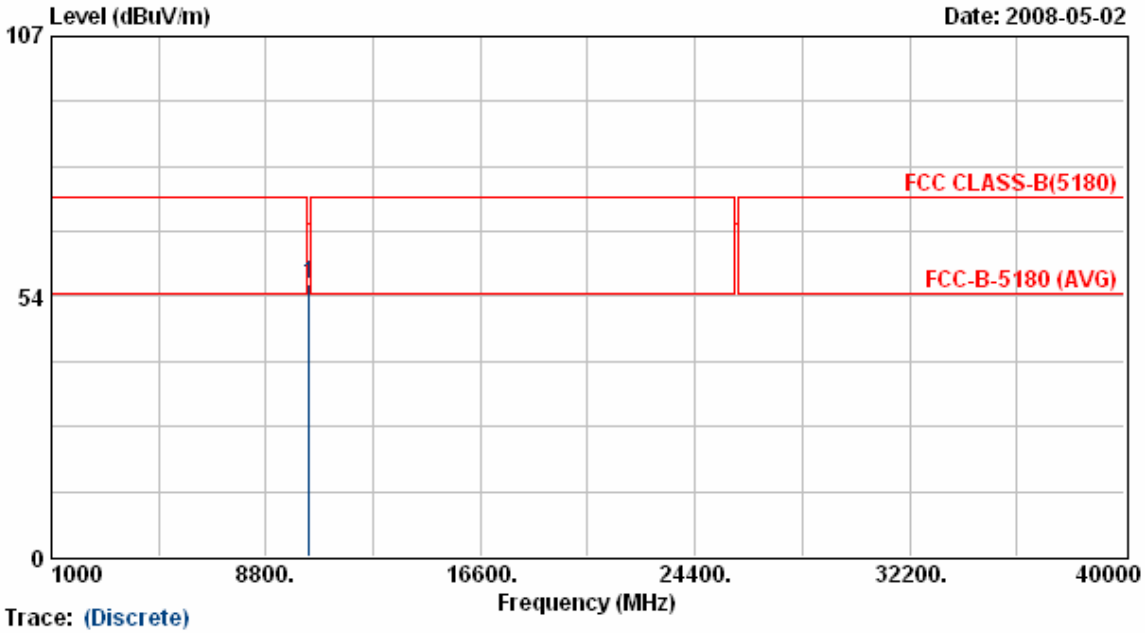
Trace: (Discrete)

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	53.35	-11.05	42.30	46.00	-3.70	QP	200	71
3	502.30	46.84	-5.03	41.81	46.00	-4.19	QP	200	71
4	734.00	38.46	-1.12	37.34	46.00	-8.66	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 802.11an HT20 mode at channel 36,44,48 are almost the same below 1GHz,so that the channel 36 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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6.5Mbps



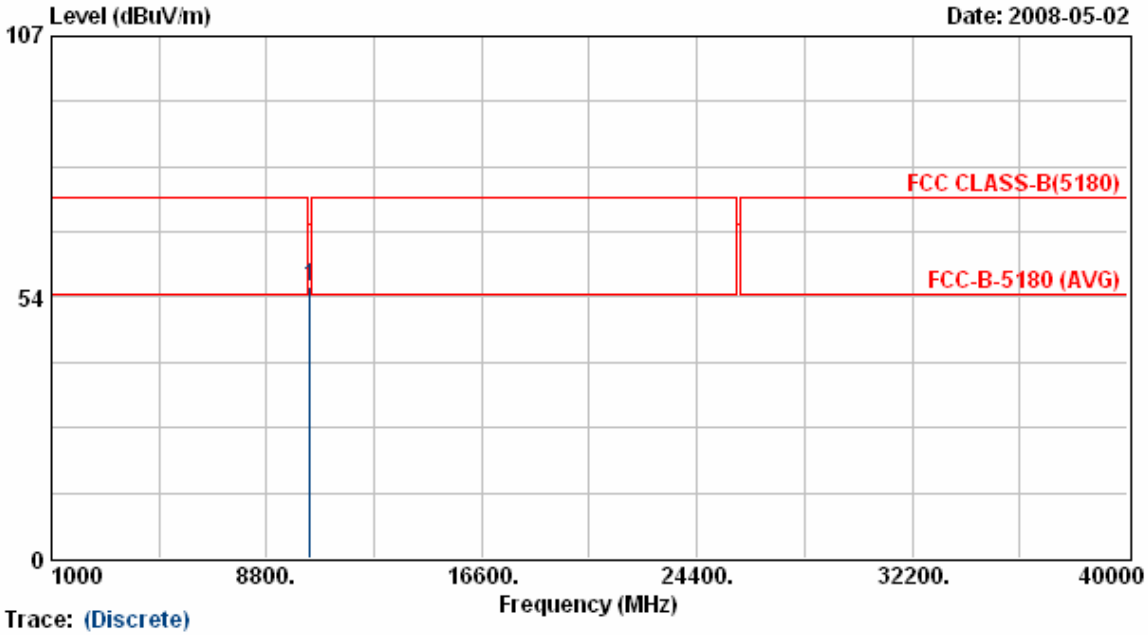
Trace: (Discrete)

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	10359.88	43.23	12.78	56.01	68.30	-12.29	Peak	100	160

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	:	36	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6.5Mbps



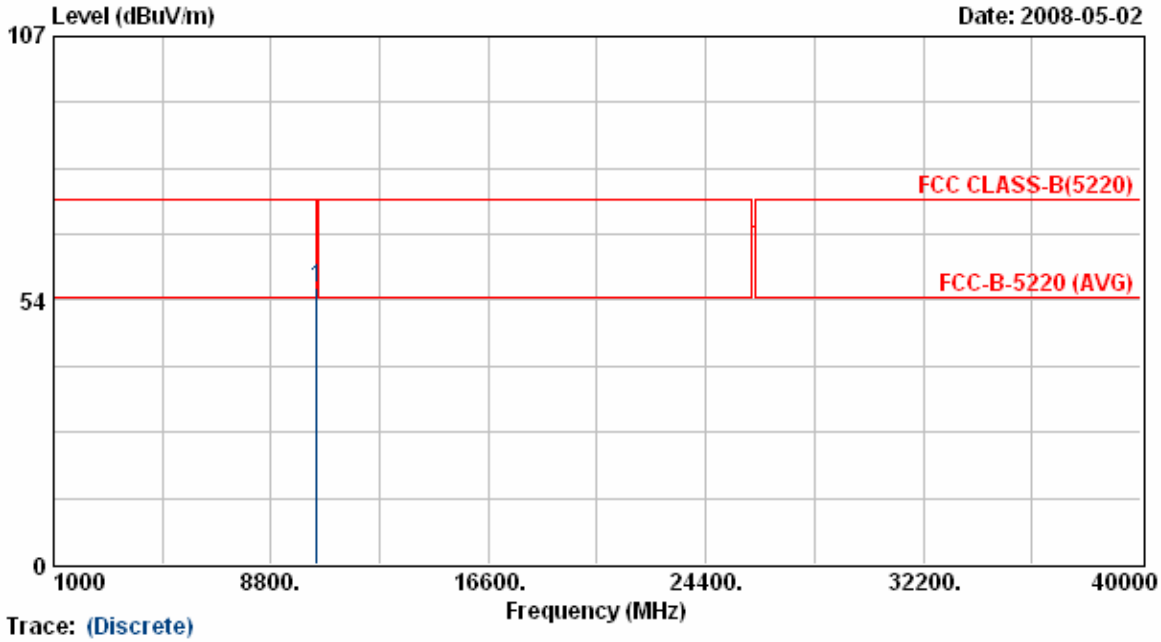
Trace: (Discrete)

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	10360.17	42.97	12.78	55.75	68.30	-12.55	Peak	100	146

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	:	44	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6.5Mbps



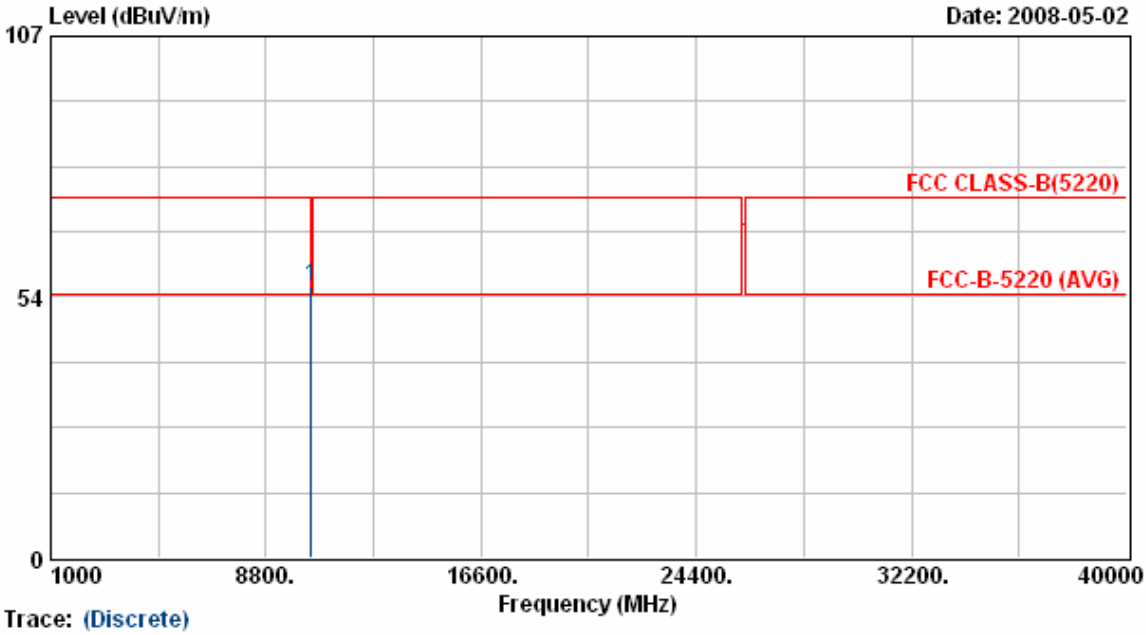
Trace: (Discrete)

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	10440.00	43.15	12.90	56.06	68.30	-12.24	Peak	100	160

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	:	44	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6.5Mbps



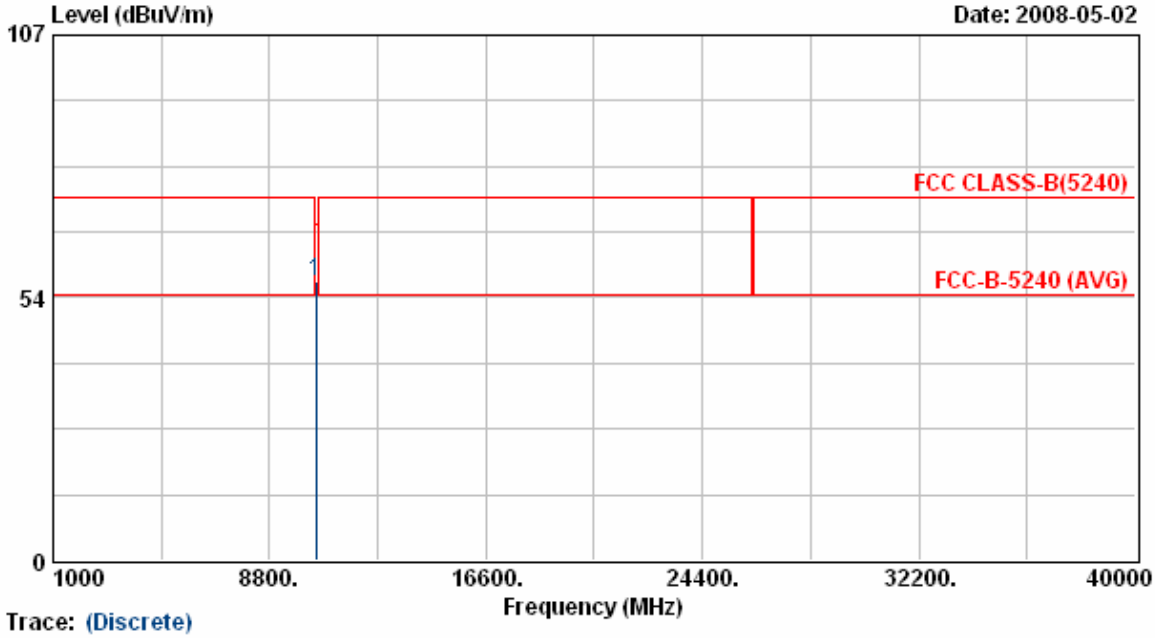
Trace: (Discrete)

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	10439.85	42.58	12.90	55.48	68.30	-12.82	Peak	100	146

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	:	48	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6.5Mbps



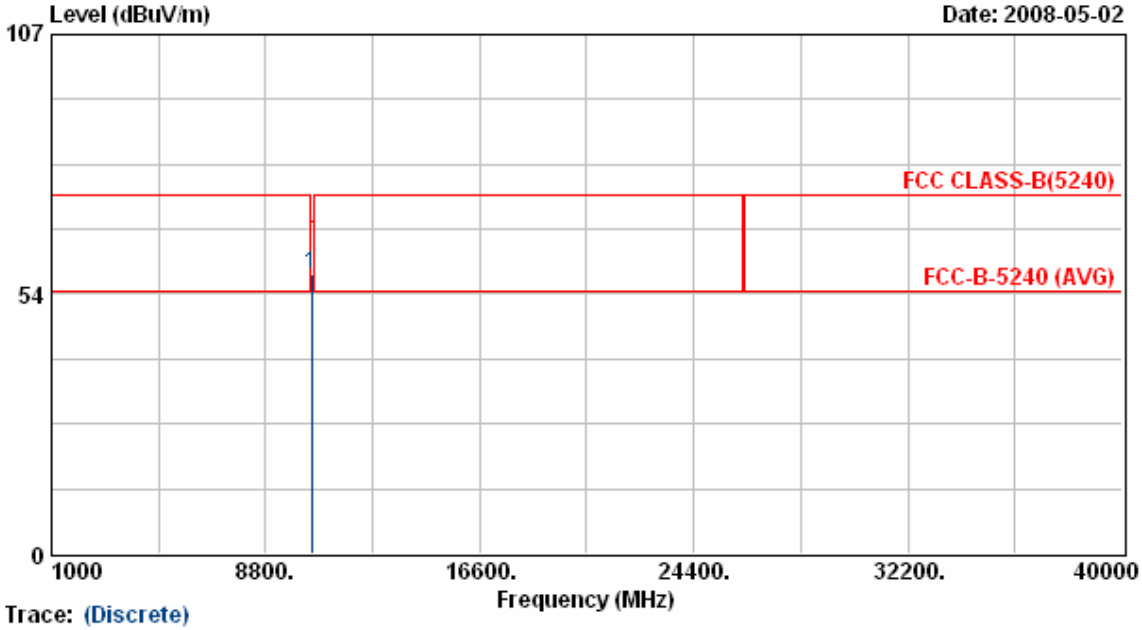
Trace: (Discrete)

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	10479.90	43.71	12.97	56.68	68.30	-11.62	Peak	100	160

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	:	48	Humidity	:	65 %
Modulation Type	:	802.11an, HT20	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	6.5Mbps



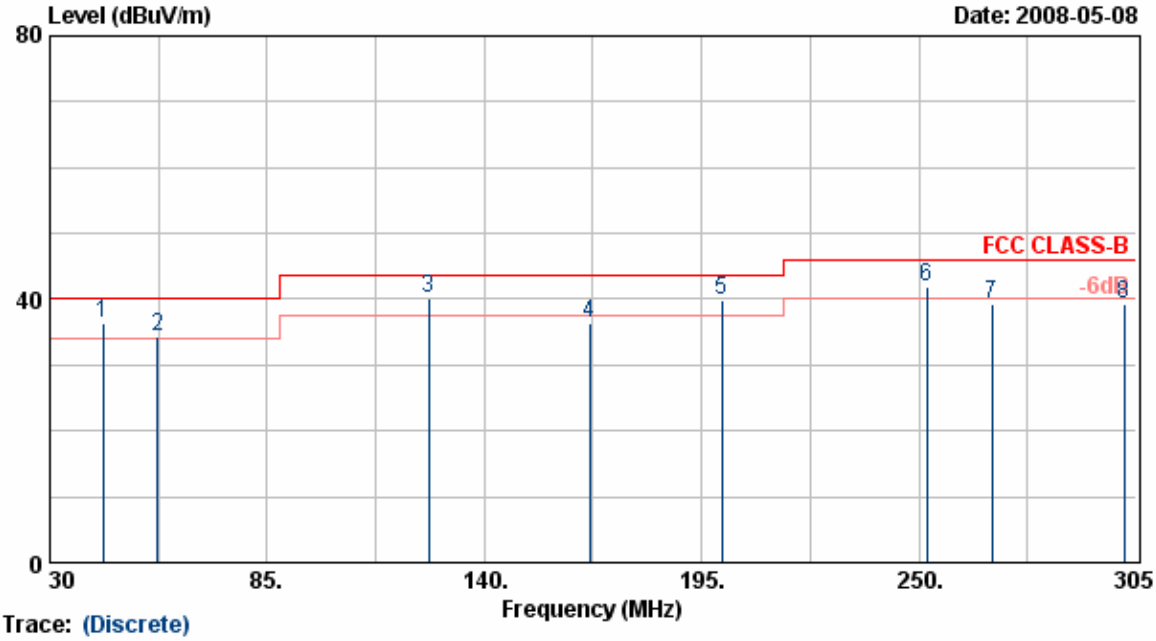
Trace: (Discrete)

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	10480.10	44.67	12.97	57.64	68.30	-10.66	Peak	100	146

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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	13.5Mbps



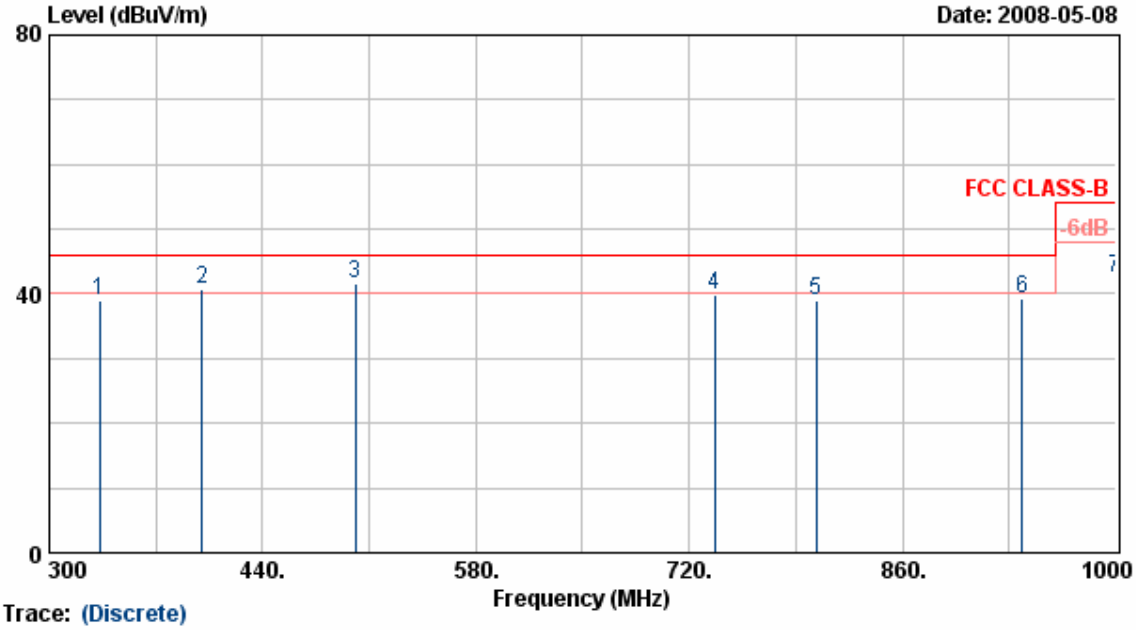
Trace: (Discrete)

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	50.55	-16.21	34.34	40.00	-5.66	QP	100	85
3	125.98	53.77	-13.65	40.12	43.50	-3.38	QP	100	42
4	166.66	49.28	-12.91	36.37	43.50	-7.13	Peak	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	13.5Mbps



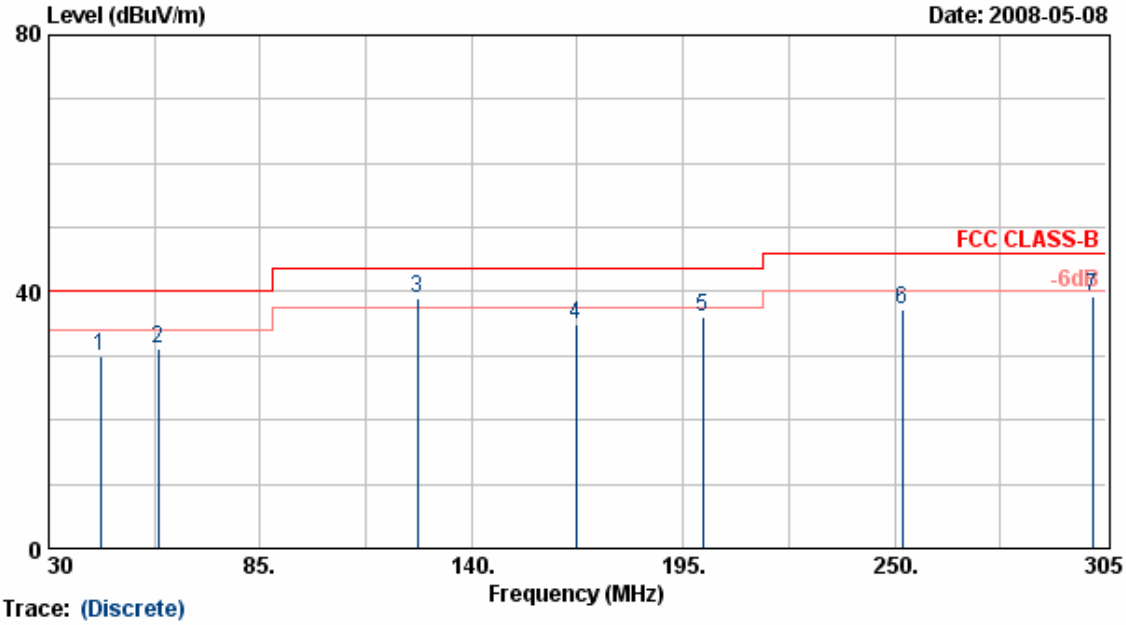
Trace: (Discrete)

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	49.48	-10.54	38.94	46.00	-7.06	Peak	100	84
2	400.00	49.68	-8.86	40.82	46.00	-5.18	QP	100	84
3	500.90	46.59	-4.89	41.70	46.00	-4.30	QP	100	111
4	736.80	36.93	2.84	39.77	46.00	-6.23	Peak	100	111
5	803.30	41.66	-2.76	38.90	46.00	-7.10	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	13.5Mbps



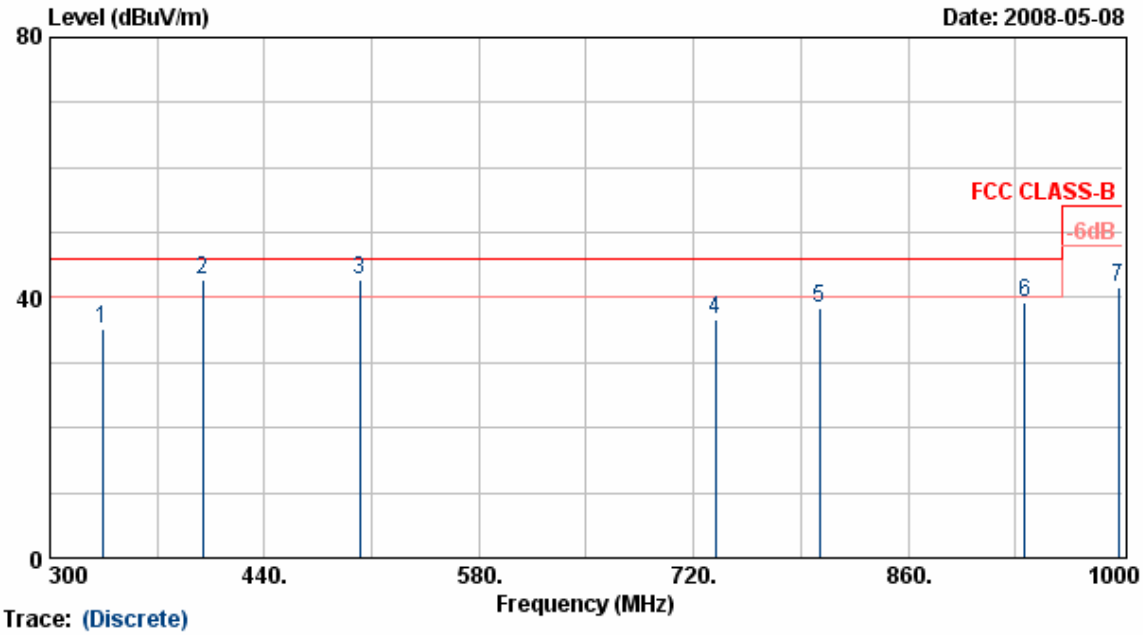
Trace: (Discrete)

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	47.78	-17.82	29.96	40.00	-10.04	Peak	200	50
2	58.60	53.49	-22.39	31.10	40.00	-8.90	Peak	200	89
3	125.98	58.47	-19.62	38.85	43.50	-4.65	QP	200	97
4	167.23	53.39	-18.38	35.01	43.50	-8.49	Peak	200	55
5	200.23	50.68	-14.58	36.10	43.50	-7.40	Peak	200	22
6	251.93	54.38	-17.04	37.34	46.00	-8.66	Peak	200	55
7	301.43	53.47	-14.33	39.14	46.00	-6.86	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	13.5Mbps



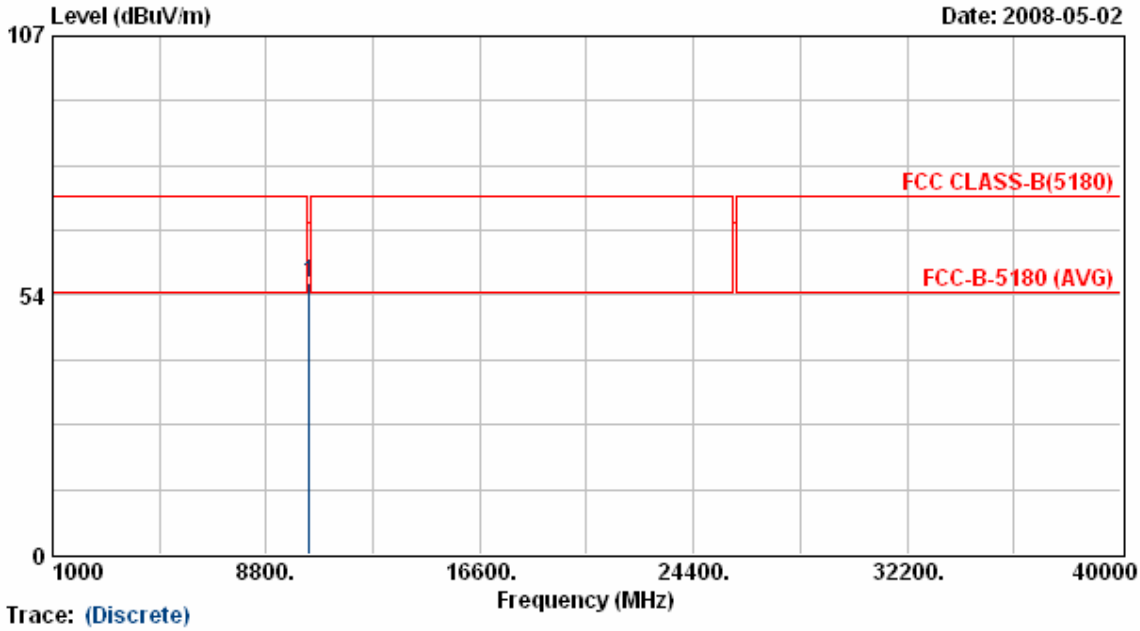
Trace: (Discrete)

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	47.47	-12.21	35.26	46.00	-10.74	Peak	200	48
2	399.40	53.84	-11.05	42.79	46.00	-3.21	QP	200	71
3	502.30	47.80	-5.03	42.77	46.00	-3.23	QP	200	71
4	734.00	37.84	-1.12	36.72	46.00	-9.28	Peak	200	89
5	801.90	38.86	-0.40	38.46	46.00	-7.54	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 802.11an HT40 mode at channel 38,42,46 are almost the same below 1GHz,so that the channel 38 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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	13.5Mbps



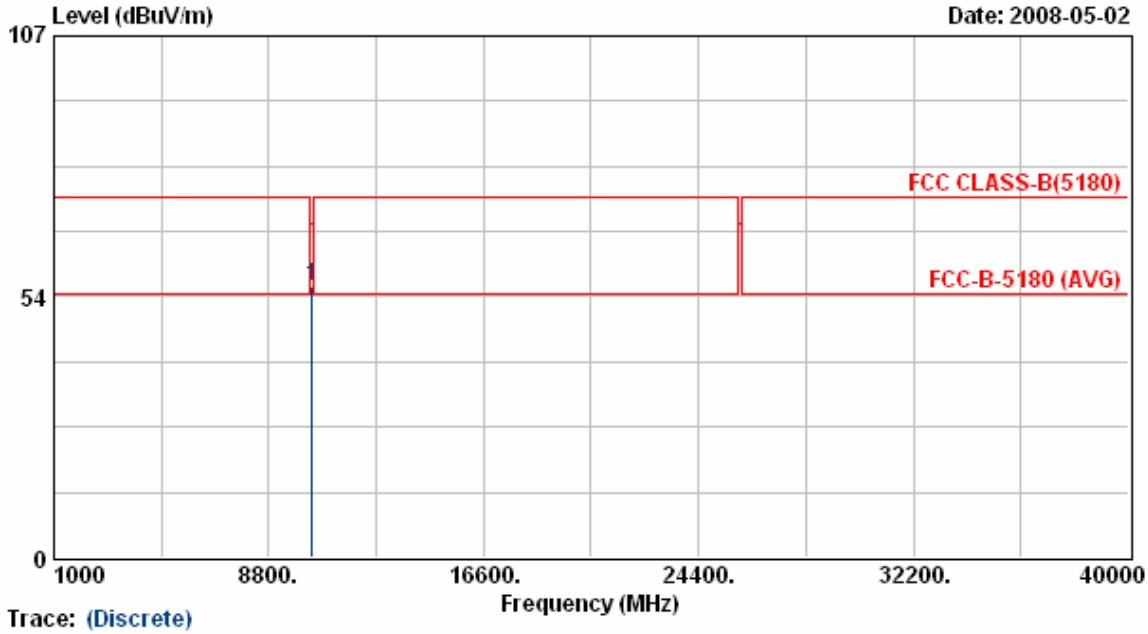
Trace: (Discrete)

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	10379.88	43.20	12.81	56.01	68.30	-12.29	Peak	100	160

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	:	38	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	13.5Mbps



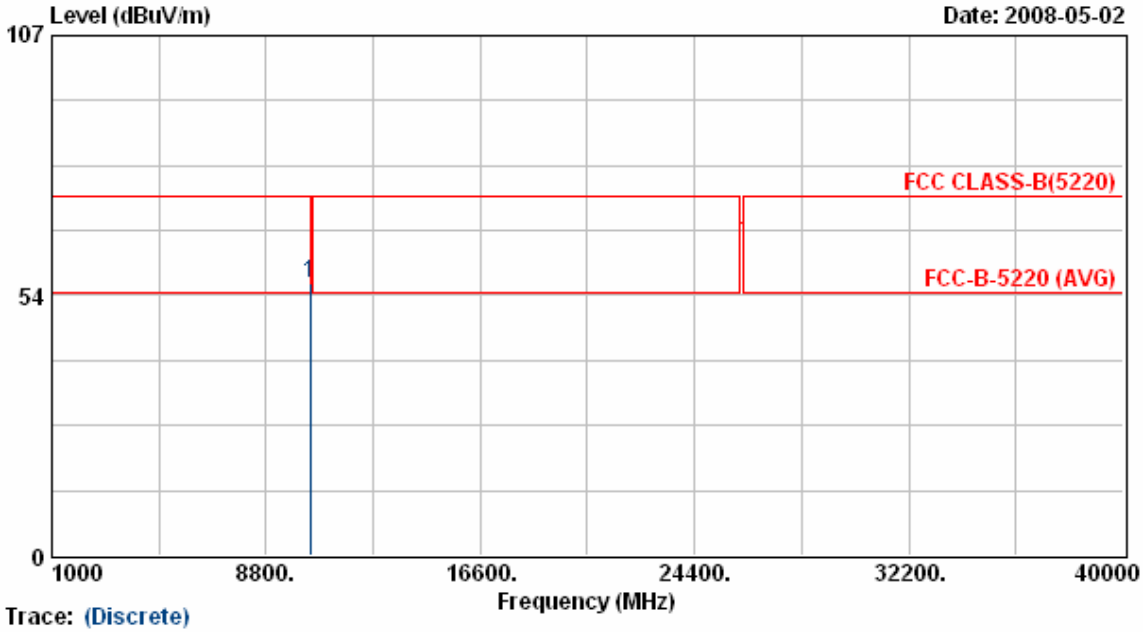
Trace: (Discrete)

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	10380.17	42.94	12.81	55.75	68.30	-12.55	Peak	100	146

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	:	42	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	13.5Mbps



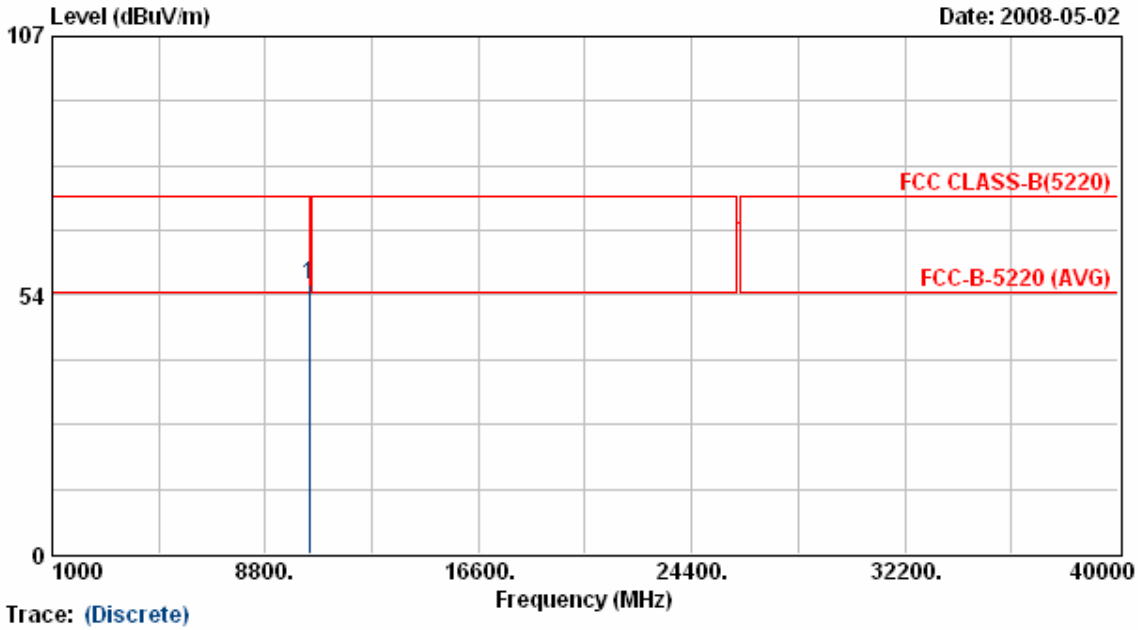
Trace: (Discrete)

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	10420.00	43.19	12.87	56.06	68.30	-12.24	Peak	100	160

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	:	42	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	13.5Mbps



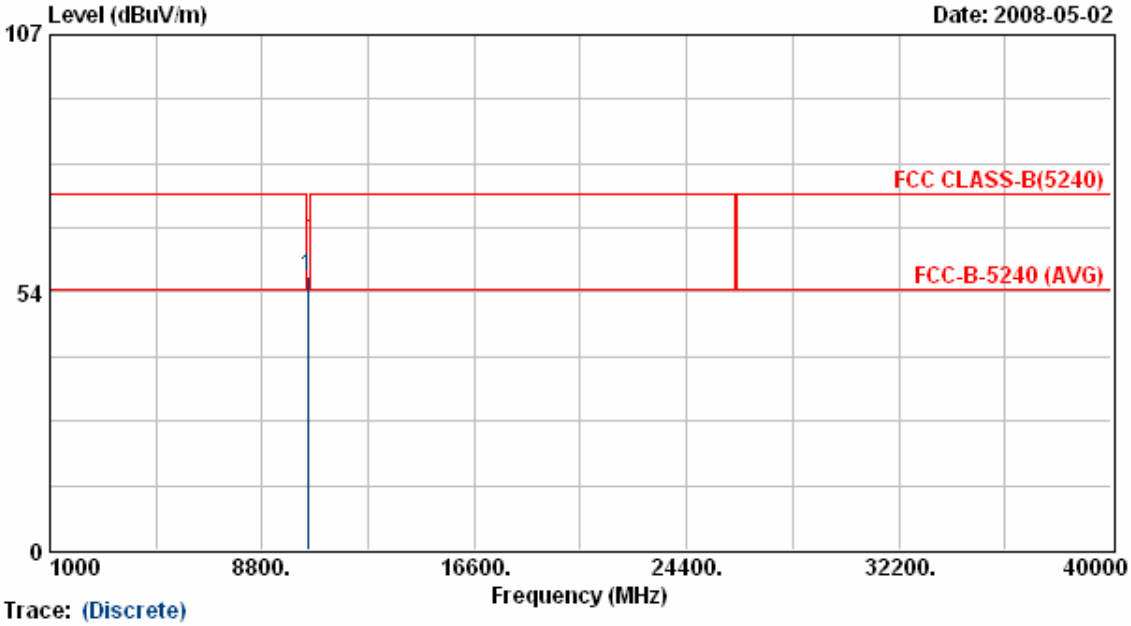
Trace: (Discrete)

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	10419.85	42.61	12.87	55.48	68.30	-12.82	Peak	100	146

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	:	46	Humidity	:	65 %
Modulation Type	:	802.11an, HT40	Atmospheric Pressure	:	1020 hPa
Memo	:		Rate	:	13.5Mbps

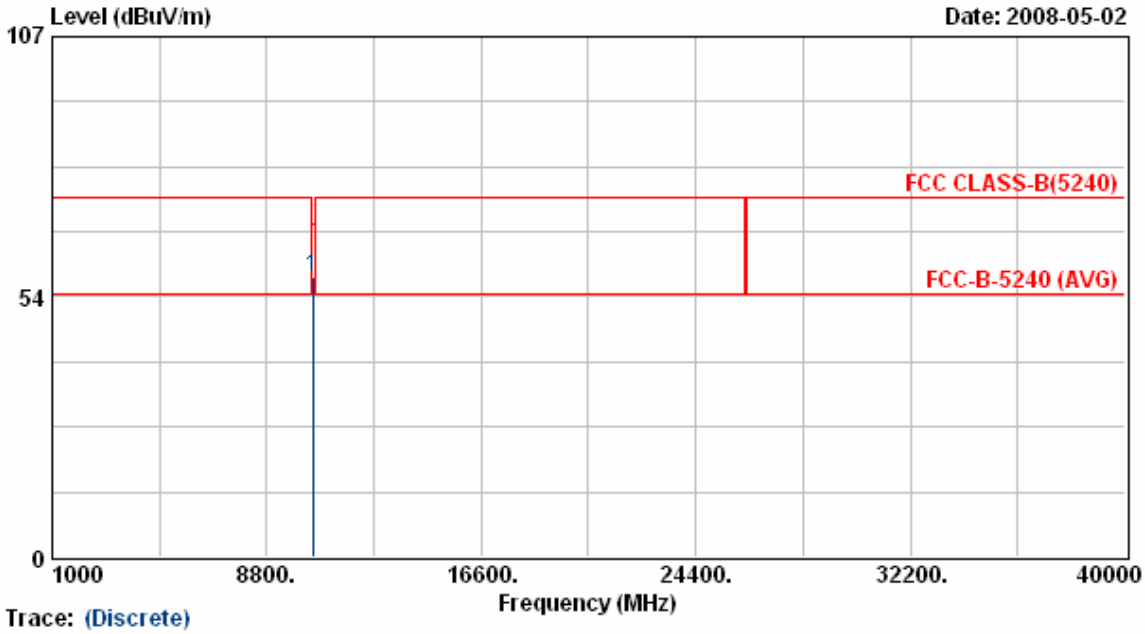


Trace: (Discrete)

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	10459.90	43.74	12.94	56.68	68.30	-11.62	Peak	100	160

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	:	46	Humidity	:	65 %
Modulation Type	:	802.11an, 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	10460.10	44.70	12.94	57.64	68.30	-10.66	Peak	100	146

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.

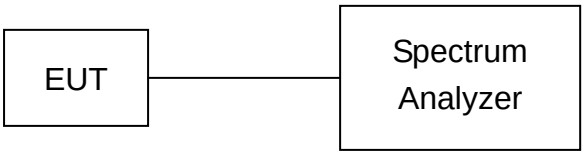
Test engineer: Ben

6. Peak Transmit Power

6.1. Test Procedure

The antenna port (RF output) of the EUT was connected to the input (RF input) of a spectrum analyzer. Power was read directly from the spectrum analyzer 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.

6.2. Test Setup Layout



6.3. Measurement equipment

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

6.4. Test Result and Data

Test Mode 1: 802.11a, Transmit Rate: 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)	26dB Occupied Bandwidth (MHz)
36	5180	16.72	47.00	22.50
44	5220	16.77	47.50	23.20
48	5240	16.70	46.80	22.10

Test Mode 1: 802.11a, Transmit Rate: 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)	26dB Occupied Bandwidth (MHz)
36	5180	16.72	47.00	22.80
44	5220	16.92	49.20	22.80
48	5240	16.89	48.90	22.80

Test Mode 1: 802.11a, Transmit Rate: 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)	26dB Occupied Bandwidth (MHz)
36	5180	16.67	46.50	22.50
44	5220	16.76	47.40	23.40
48	5240	16.90	49.00	22.70

Test Mode 2: 802.11an, HT20, Transmit Rate: 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 of R (dBm)	Peak Power Output of R (mW)	26dB Occupied Bandwidth (MHz)
36	5180	13.36	21.68	24.20
44	5220	13.43	22.03	23.90
48	5240	13.63	23.07	25.10
Channel	Frequency (MHz)	Peak Power Output of L (dBm)	Peak Power Output of L (mW)	26dB Occupied Bandwidth (MHz)
36	5180	13.73	23.60	24.90
44	5220	13.65	23.17	24.50
48	5240	13.50	22.39	24.90
Channel	Frequency (MHz)	Peak Power Output of Total (dBm)	Peak Power Output of Total (mW)	26dB Occupied Bandwidth (MHz)
36	5180	16.56	45.28	24.90
44	5220	16.55	45.20	24.50
48	5240	16.58	45.51	25.10

Test Mode 3: 802.11an, HT40, Transmit Rate: 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 of R (dBm)	Peak Power Output of R (mW)	26dB Occupied Bandwidth (MHz)
38	5190	13.51	22.44	46.60
42	5210	13.41	21.93	45.40
46	5230	13.57	22.75	45.80
Channel	Frequency (MHz)	Peak Power Output of L (dBm)	Peak Power Output of L (mW)	26dB Occupied Bandwidth (MHz)
38	5190	13.73	23.60	45.40
42	5210	13.80	23.99	46.00
46	5230	13.75	23.71	44.40
Channel	Frequency (MHz)	Peak Power Output of Total (dBm)	Peak Power Output of Total (mW)	26dB Occupied Bandwidth (MHz)
38	5190	16.63	46.04	46.60
42	5210	16.62	45.92	46.60
46	5230	16.67	46.46	45.80

Test Mode 4: 802.11an, HT20, Transmit Rate: 6.5Mbps, ANT-L + ANT-M + ANT-R

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

Channel	Frequency (MHz)	Peak Power Output of R (dBm)	Peak Power Output of R (mW)	26dB Occupied Bandwidth (MHz)
36	5180	10.99	12.56	24.10
44	5220	11.84	15.28	24.50
48	5240	11.91	15.52	23.90
Channel	Frequency (MHz)	Peak Power Output of M(dBm)	Peak Power Output of M (mW)	26dB Occupied Bandwidth (MHz)
36	5180	12.15	16.41	24.20
44	5220	12.19	16.56	23.90
48	5240	12.31	17.02	23.70
Channel	Frequency (MHz)	Peak Power Output of L (dBm)	Peak Power Output of L (mW)	26dB Occupied Bandwidth (MHz)
36	5180	12.01	15.89	24.50
44	5220	12.17	16.48	24.60
48	5240	12.13	16.33	24.40
Channel	Frequency (MHz)	Peak Power Output of Total (dBm)	Peak Power Output of Total (mW)	26dB Occupied Bandwidth (MHz)
36	5180	16.51	44.78	24.50
44	5220	16.84	48.31	24.60
48	5240	16.89	48.88	24.40

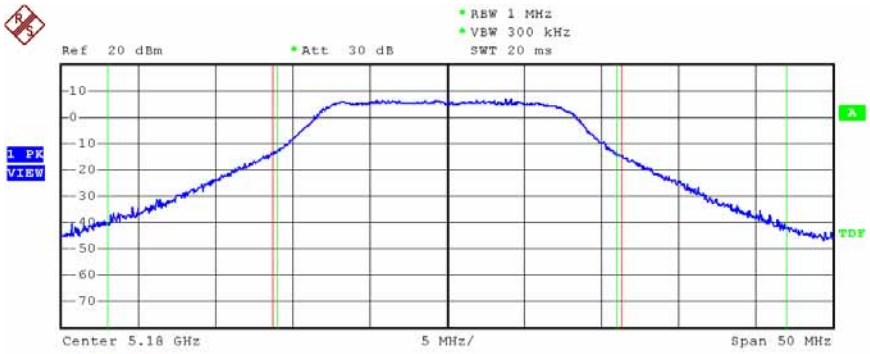
Test Mode 5: 802.11an, HT40, Transmit Rate: 13.5Mbps, ANT-L + ANT-M + ANT-R

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

Channel	Frequency (MHz)	Peak Power Output of R (dBm)	Peak Power Output of R (mW)	26dB Occupied Bandwidth (MHz)
38	5190	11.74		45.80
42	5210	11.55		45.20
46	5230	11.94		46.20
Channel	Frequency (MHz)	Peak Power Output of M(dBm)	Peak Power Output of M (mW)	26dB Occupied Bandwidth (MHz)
38	5190	12.58		44.20
42	5210	12.55		43.80
46	5230	12.38		44.20
Channel	Frequency (MHz)	Peak Power Output of L (dBm)	Peak Power Output of L (mW)	26dB Occupied Bandwidth (MHz)
38	5190	12.23		44.60
42	5210	12.36		44.00
46	5230	12.27		45.00
Channel	Frequency (MHz)	Peak Power Output of Total (dBm)	Peak Power Output of Total (mW)	26dB Occupied Bandwidth (MHz)
38	5190	16.96	49.68	45.80
42	5210	16.95	49.50	45.20
46	5230	16.97	49.80	46.20

Peak Transmit Power

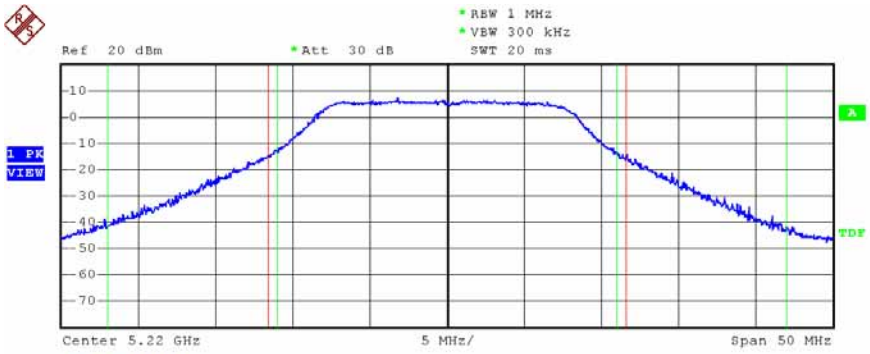
Modulation Standard: 802.11a (6Mbps) - ANT-L
Channel: 36



Tx Channel			
Bandwidth	22.5 MHz	Power	16.72 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-28.56 dB
Spacing	16.5 MHz	Upper	-29.50 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Date: 5.MAY.2008 15:11:39

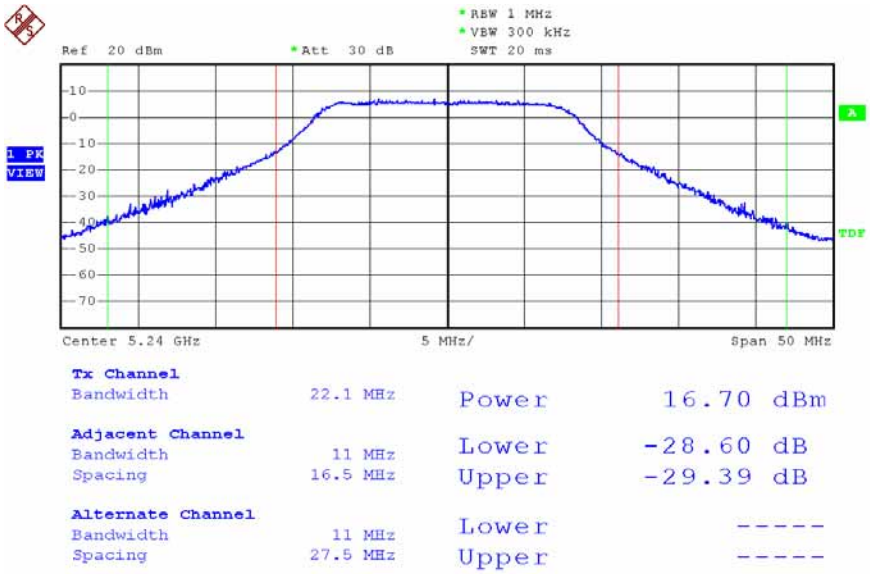
Modulation Standard: 802.11a (6Mbps) – ANT-L
Channel: 44



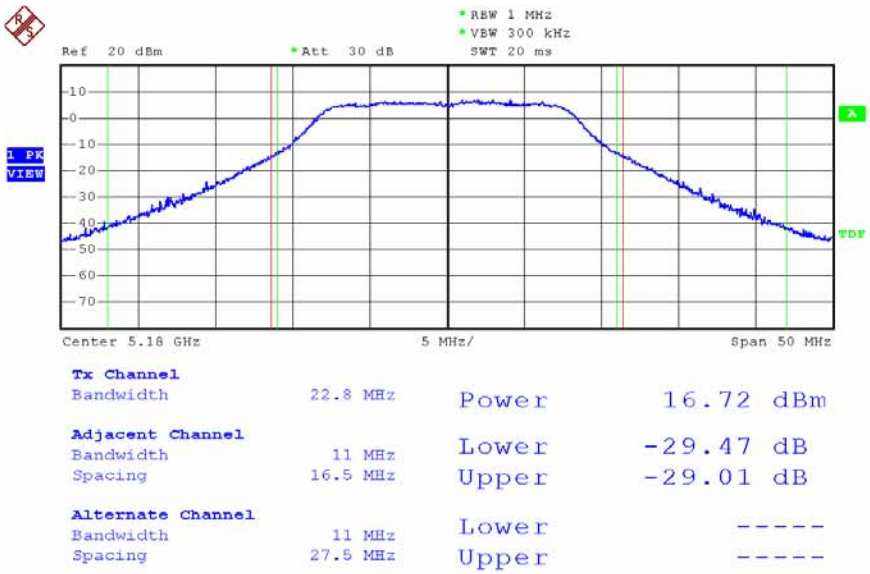
Tx Channel			
Bandwidth	23.2 MHz	Power	16.77 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-28.87 dB
Spacing	16.5 MHz	Upper	-29.64 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Date: 5.MAY.2008 15:10:17

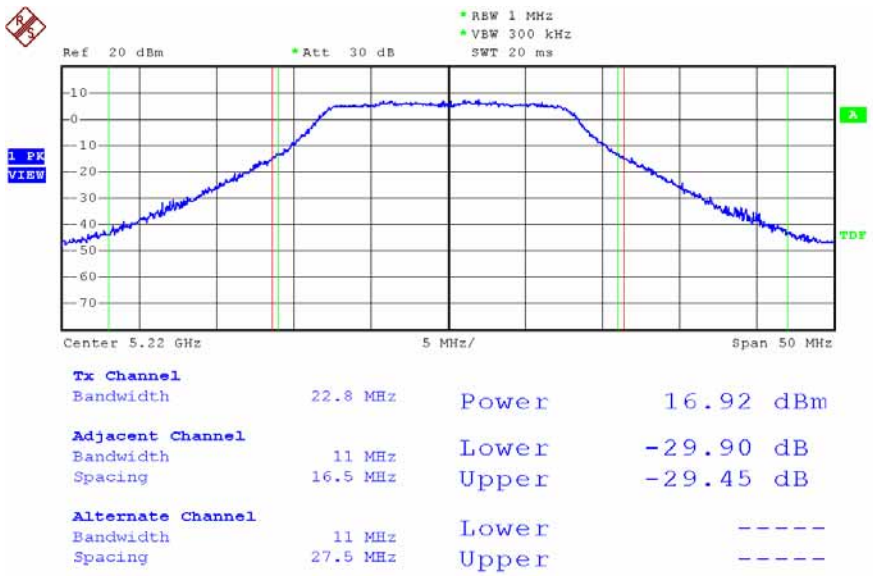
Modulation Standard: 802.11a (6Mbps) – ANT-L
Channel: 48



Modulation Standard: 802.11a (6Mbps) – ANT-M
Channel: 36

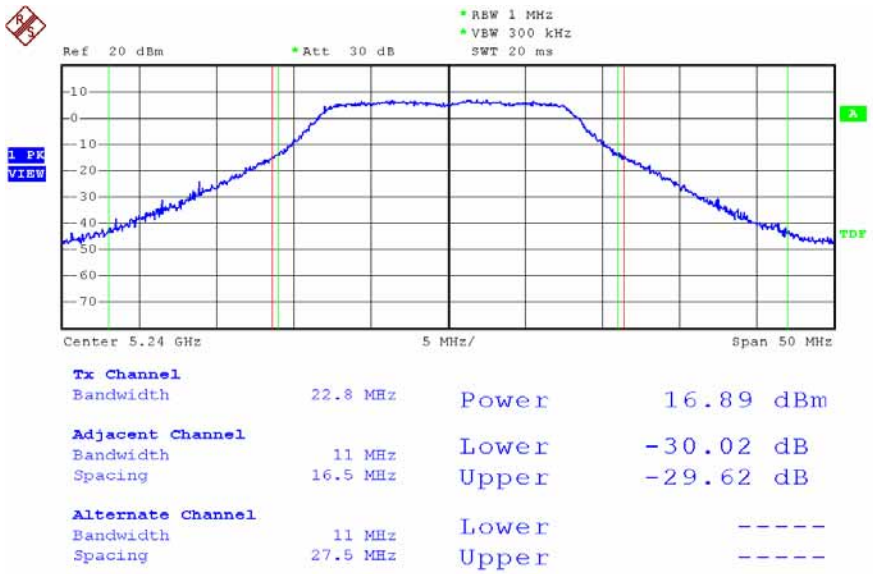


Modulation Standard: 802.11a (6Mbps) – ANT-M
Channel: 44



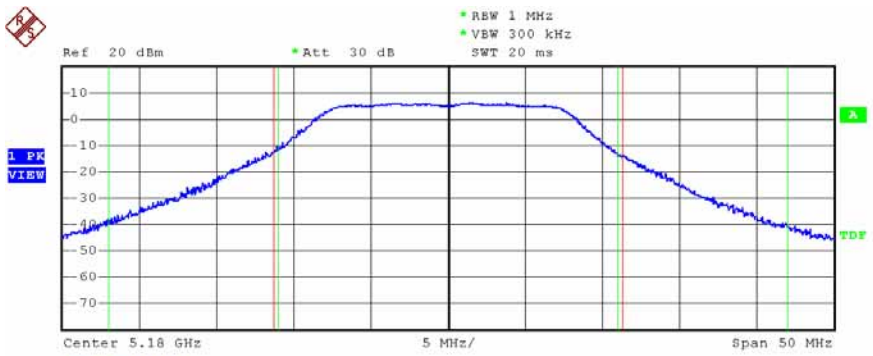
Date: 5.MAY.2008 15:07:11

Modulation Standard: 802.11a (6Mbps) – ANT-M
Channel: 48



Date: 5.MAY.2008 15:07:42

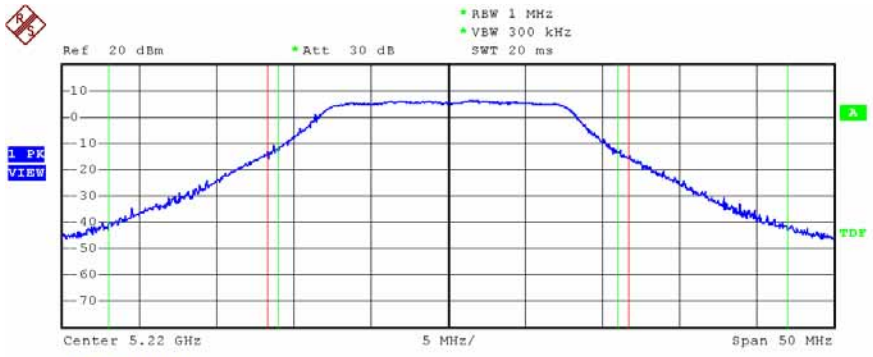
Modulation Standard: 802.11a (6Mbps) - ANT-R
Channel: 36



Tx Channel			
Bandwidth	22.5 MHz	Power	16.67 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-27.27 dB
Spacing	16.5 MHz	Upper	-28.82 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Date: 5.MAY.2008 14:54:53

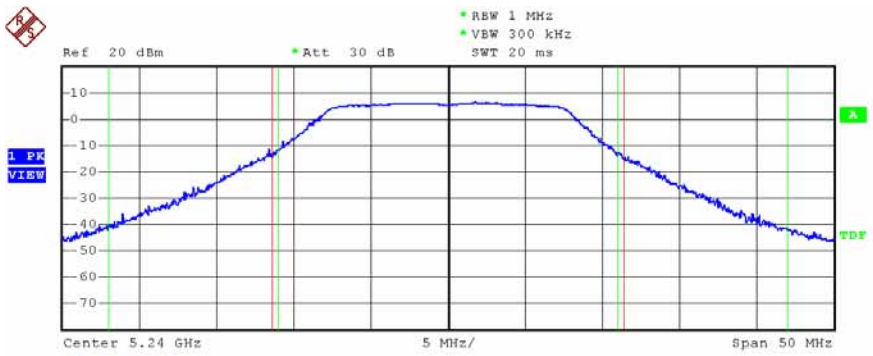
Modulation Standard: 802.11a (6Mbps) – ANT-R
Channel: 44



Tx Channel			
Bandwidth	23.4 MHz	Power	16.76 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-27.94 dB
Spacing	16.5 MHz	Upper	-29.24 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Date: 5.MAY.2008 14:59:08

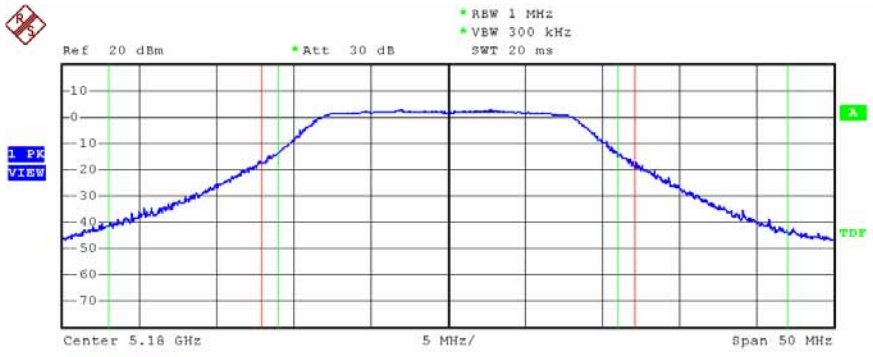
Modulation Standard: 802.11a (6Mbps) – ANT-R
Channel: 48



Tx Channel			
Bandwidth	22.7 MHz	Power	16.90 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-27.92 dB
Spacing	16.5 MHz	Upper	-29.13 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Date: 5.MAY.2008 15:00:10

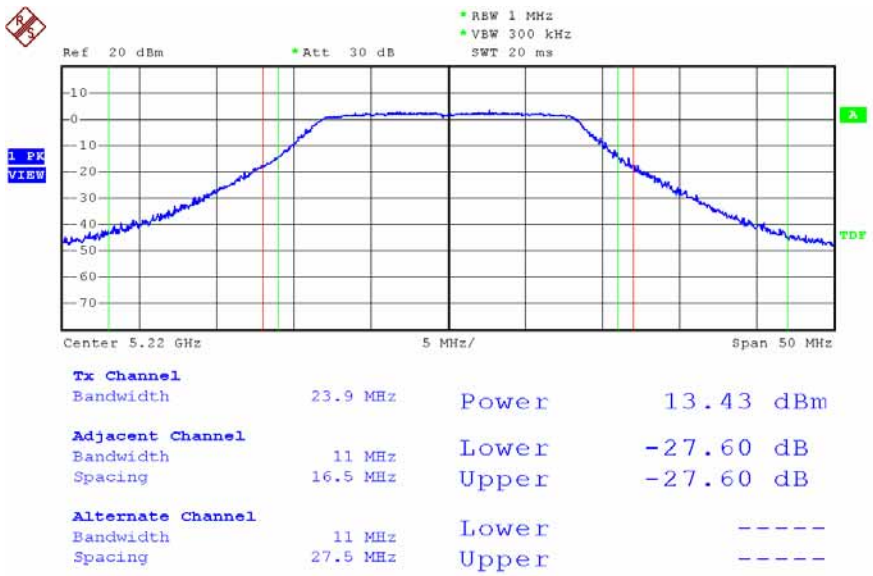
Modulation Standard: 802.11an, HT20 (6.5Mbps) – ANT-R
Channel: 36



Tx Channel			
Bandwidth	24.2 MHz	Power	13.36 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-26.55 dB
Spacing	16.5 MHz	Upper	-27.01 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

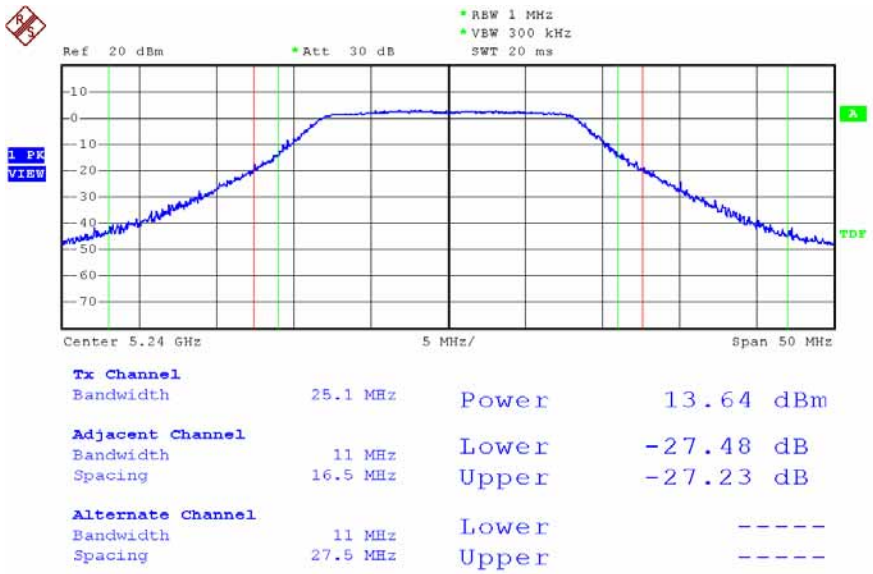
Date: 5.MAY.2008 15:28:39

Modulation Standard: 802.11an, HT20 (6.5Mbps) – ANT-R
Channel: 44



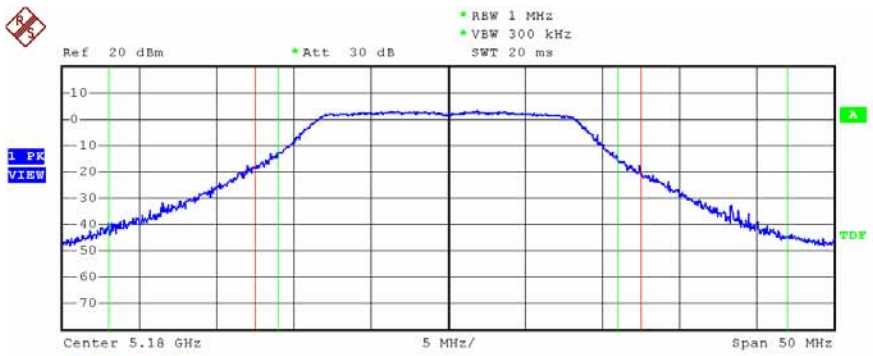
Date: 5.MAY.2008 15:31:14

Modulation Standard: 802.11an, HT20 (6.5Mbps) – ANT-R
Channel: 48



Date: 5.MAY.2008 15:33:52

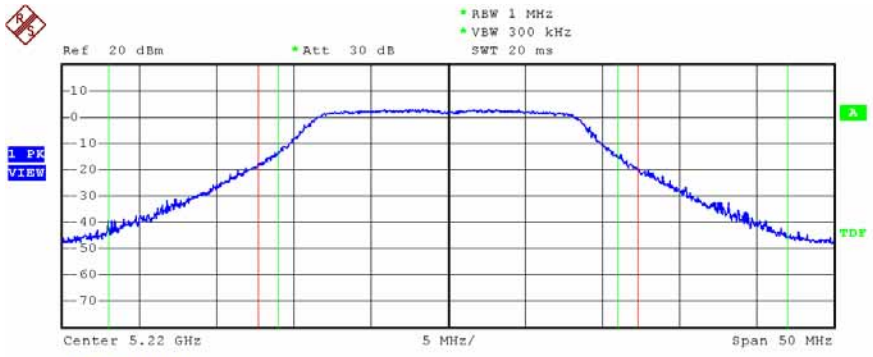
Modulation Standard: 802.11an, HT20 (6.5Mbps) – ANT-L
Channel: 36



Tx Channel			
Bandwidth	24.9 MHz	Power	13.73 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-26.65 dB
Spacing	16.5 MHz	Upper	-28.64 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Date: 5.MAY.2008 15:29:05

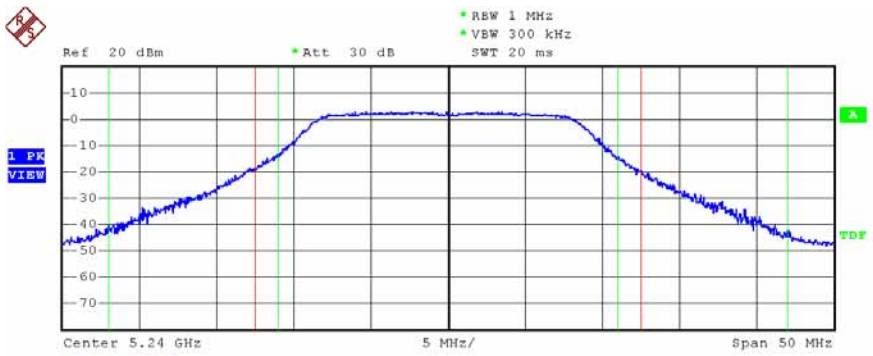
Modulation Standard: 802.11an, HT20 (6.5Mbps) – ANT-L
Channel: 44



Tx Channel			
Bandwidth	24.5 MHz	Power	13.65 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-27.02 dB
Spacing	16.5 MHz	Upper	-28.38 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Date: 5.MAY.2008 15:32:01

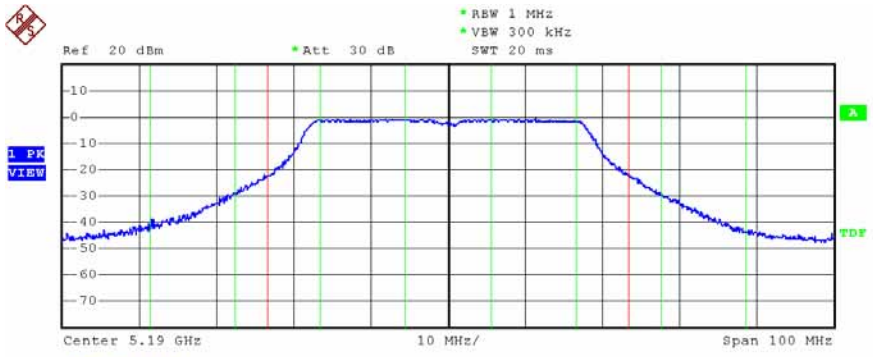
Modulation Standard: 802.11an, HT20 (6.5Mbps) – ANT-L
Channel: 48



Tx Channel			
Bandwidth	24.9 MHz	Power	13.50 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-26.69 dB
Spacing	16.5 MHz	Upper	-27.89 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

Date: 5.MAY.2008 15:33:11

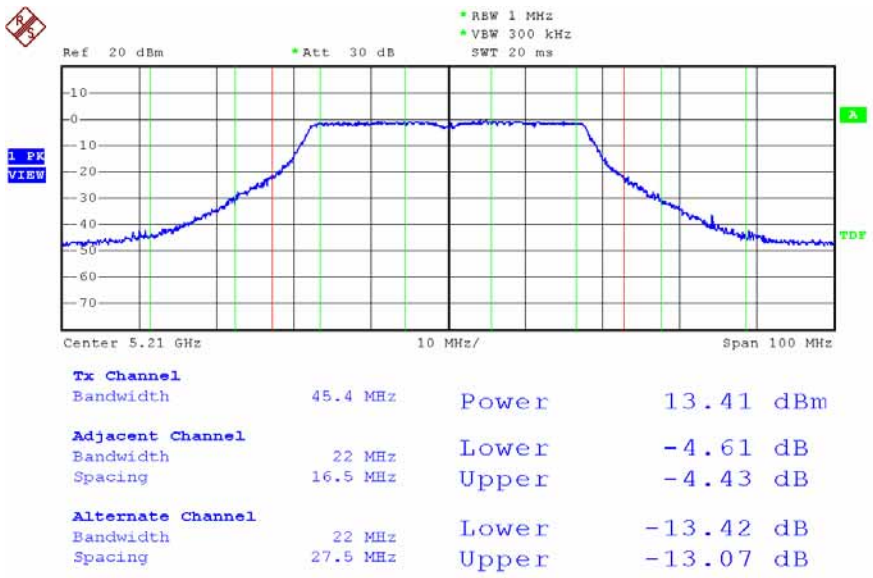
Modulation Standard: 802.11an, HT40 (13.5Mbps) – ANT-R
Channel: 38



Tx Channel			
Bandwidth	46.6 MHz	Power	13.51 dBm
Adjacent Channel			
Bandwidth	22 MHz	Lower	-4.46 dB
Spacing	16.5 MHz	Upper	-4.54 dB
Alternate Channel			
Bandwidth	22 MHz	Lower	-13.03 dB
Spacing	27.5 MHz	Upper	-13.26 dB

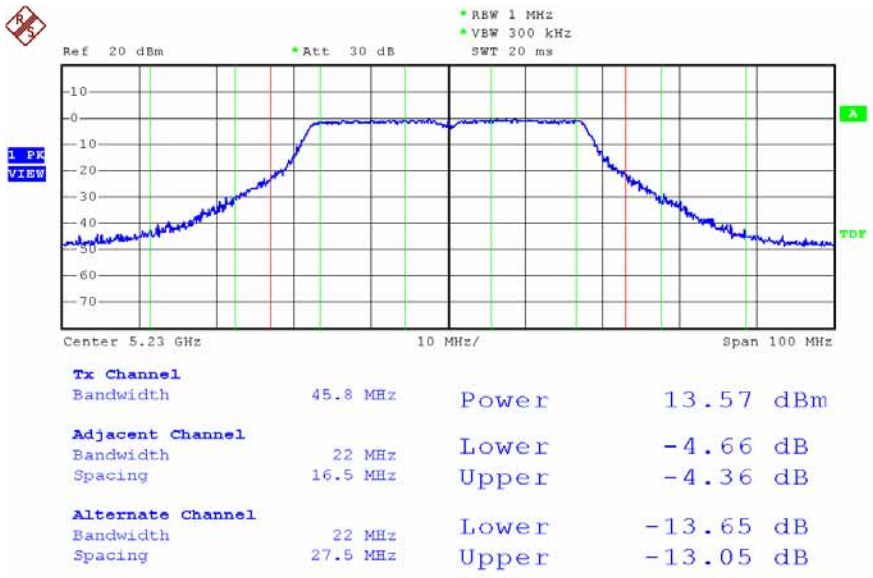
Date: 5.MAY.2008 15:37:26

Modulation Standard: 802.11an, HT40 (13.5Mbps) – ANT-R
Channel: 42



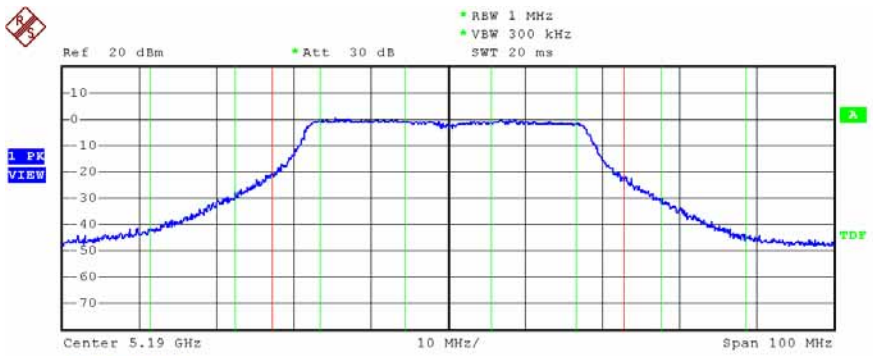
Date: 5.MAY.2008 15:39:52

Modulation Standard: 802.11an, HT40 (13.5Mbps) – ANT-R
Channel: 46



Date: 5.MAY.2008 15:40:52

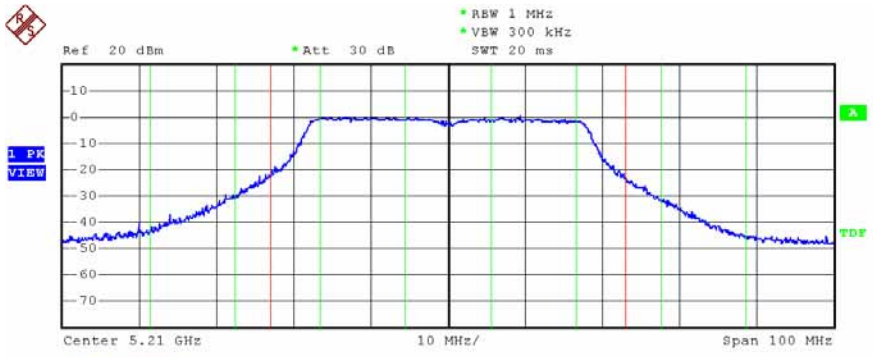
Modulation Standard: 802.11an, HT40 (13.5Mbps) – ANT-L
Channel: 38



Tx Channel			
Bandwidth	45.4 MHz	Power	13.73 dBm
Adjacent Channel			
Bandwidth	22 MHz	Lower	-4.12 dB
Spacing	16.5 MHz	Upper	-4.77 dB
Alternate Channel			
Bandwidth	22 MHz	Lower	-12.54 dB
Spacing	27.5 MHz	Upper	-13.73 dB

Date: 5.MAY.2008 15:38:32

Modulation Standard: 802.11an, HT40 (13.5Mbps) – ANT-L
Channel: 42



Tx Channel			
Bandwidth	46 MHz	Power	13.80 dBm
Adjacent Channel			
Bandwidth	22 MHz	Lower	-4.21 dB
Spacing	16.5 MHz	Upper	-4.73 dB
Alternate Channel			
Bandwidth	22 MHz	Lower	-12.96 dB
Spacing	27.5 MHz	Upper	-13.63 dB

Date: 5.MAY.2008 15:39:19