

# FCC TEST REPORT

according to

## FCC Rules and Regulations

### Part 15 Subpart C

Applicant	: NETGEAR, INC.
Address	: 4500 GREAT AMERICA PARKWAY, SANTA CLARA, CA 95054 U.S.A.
Equipment	: RangeMax Wireless Router
Model No.	: WPN824v3
Series No.	: WPN824EXT
FCC ID	: PY307300071
Trade Name	: NETGEAR

#### Laboratory Accreditation



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

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# CERTIFICATE OF COMPLIANCE

according to

## FCC Rules and Regulations

### Part 15 Subpart C

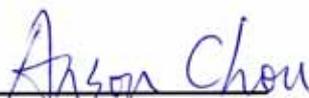
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Address : 4500 GREAT AMERICA PARKWAY, SANTA CLARA,  
CA 95054 U.S.A.  
Equipment : RangeMax Wireless Router  
Model No. : WPN824v3  
Series No. : WPN824EXT  
FCC ID : PY307300071

I **HEREBY** CERTIFY THAT :

The measurements shown in this test report were made in accordance with the procedures given in **ANSI C63.4** The equipment was **passed** the test performed according to **FCC Rules and Regulations Part 15 Subpart C (2006)**.

The test was carried out on Oct. 24, 2007 at **Exclusive Certification Corp.**

Signature

  
Anson Chou / Manager

## 1. Report of Measurements and Examinations

### 1.1 List of Measurements and Examinations

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

## 2. Test Configuration of Equipment under Test

### 2.1 Feature of Equipment under Test

#### Environmental Specifications

Operating temperature: 0° to 40° C (32° to 104° F)

Operating humidity: 90% maximum relative humidity, non condensing

#### Interface Specifications

LAN: 10BASE-T or 100BASE-Tx, RJ-45

WAN: 10BASE-T or 100BASE-Tx, RJ-45

Wireless: Maximum wireless signal rate complies with the IEEE 802.11 standard. Actual throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate.

Radio Data Rates: 1, 2, 5.5, 11, 6, 9, 12, 18, 24, 36, 48, 54 and 108 Mbps Auto Rate Sensing

Frequency: 2.4-2.5Ghz

Data Encoding: 802.11b: Direct Sequence Spread Spectrum (DSSS)

802.11g: Orthogonal Frequency Division Multiplexing (OFDM)

Maximum Computers Per Wireless Network: Limited by the amount of wireless network traffic generated by each node. Typically 30-70 nodes.

Operating Frequency Ranges: 2.412~2.462 GHz (US) 2.457~2.462 GHz (Spain)

2.412~2.484 GHz (Japan) 2.457~2.472 GHz (France)

2.412~2.472 GHz (Europe ETSI)

802.11 Security: 40-bit (also called 64-bit) and 128-bit WEP, WPA-PSK and WPA2-PSK.

## 2.2 RF Specifications

Type of Modulation	802.11b: DSSS (CCK, DQPSK, DBPSK) 802.11g: OFDM (64-QAM, 16-QAM, QPSK, BPSK)
Data Rate	802.11b(11, 5.5, 2, 1 Mbps) 802.11g(54 Mbps, 48 Mbps, 36 Mbps, 24 Mbps, 18 Mbps, 12 Mbps, 9 Mbps, 6 Mbps) 802.11 Turbo g (108 Mbps)
Number of Channels	Number of Channels USA, Canada and Taiwan: 1 ~ 11 Most European Countries: 1 ~ 13 France: 1 ~ 4
Frequency Band	2.4 ~ 2.4835GHz
Carrier Frequency of each channel	US: CH1:2412, CH2:2417, CH3:2422, CH4:2427, CH5:2432, CH6:2437, CH7:2442, CH8:2447, CH9:2452, CH10:2457, CH11:2462. EU: CH1:2412, CH2:2417, CH3:2422, CH4:2427, CH5:2432, CH6:2437, CH7:2442, CH8:2447, CH9:2452, CH10:2457, CH11:2462, CH12:2467, CH13:2472
Channel Spacing	5MHz
Output Power	Max. Peak Output power: 802.11b: 24 dBm 802.11g: 24 dBm
Antenna Type	Print Antenna
Antenna Gain	0 dBi

## 2.3 Test Mode & 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 modem.
  5. The PC sends "H" messages to the printer.
  6. The PC sends "H" messages to the internal Hard Disk, and the Hard Disk reads and writes the message.
  7. Repeat the steps from 2 to 6.
- d. An executive program, art.exe under WIN XP, which generates a continuous signal by the following frequency to test.
  - 802.11b (CH 01: 2412MHz) • 802.11b (CH 06: 2437MHz) • 802.11b (CH 11: 2462MHz)
  - 802.11g (CH 01: 2412MHz) • 802.11g (CH 06: 2437MHz) • 802.11g (CH 11: 2462MHz)
- e. For AC power line conducted emission test, two adapters (MT12-Y120100-A1 and RHQ-120100-1) will result in the following test modes:  
Test Adapter 1: MT12-Y120100-A1.  
Test Adapter 2: RHQ-120100-1.
- f. For radiated emission test, the eight test antennas (Antenna 1, Antenna 2, Antenna 2+3, Antenna 2+4, Antenna 3, Antenna 3+4, Antenna 4 and Antenna 5) and the two adapters (MT12-Y120100-A1 and RHQ-120100-1) were pre-test, will result in the following test modes:  
Test Mode 1: MT12-Y120100-A1, Antenna 1.  
Test Mode 2: MT12-Y120100-A1, Antenna 2.  
Test Mode 3: MT12-Y120100-A1, Antenna 2+3.  
Test Mode 4: MT12-Y120100-A1, Antenna 2+4.  
Test Mode 5: MT12-Y120100-A1, Antenna 3.  
Test Mode 6: MT12-Y120100-A1, Antenna 3+4.  
Test Mode 7: MT12-Y120100-A1, Antenna 4.  
Test Mode 8: MT12-Y120100-A1, Antenna 5.  
Test Mode 9: RHQ-120100-1, Antenna 1.  
Test Mode 10: RHQ-120100-1, Antenna 2.  
Test Mode 11: RHQ-120100-1, Antenna 2+3.  
Test Mode 12: RHQ-120100-1, Antenna 2+4.  
Test Mode 13: RHQ-120100-1, Antenna 3.  
Test Mode 14: RHQ-120100-1, Antenna 3+4.  
Test Mode 15: RHQ-120100-1, Antenna 4.  
Test Mode 16: RHQ-120100-1, Antenna 5.

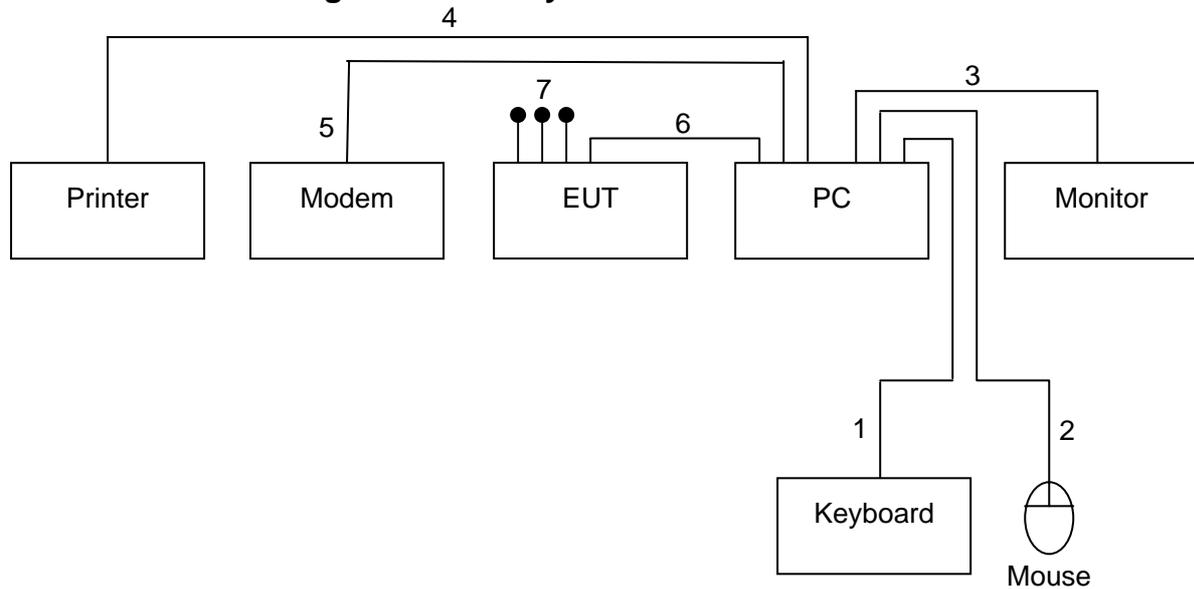
### 2.4 Description of Test System

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

Use Cable:

Cable	Description
RJ45*1	Unshielding, 1.5m
RJ45*4	Unshielding, 0.5m

### 2.5 Connection Diagram of Test System



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 RS232 cable is connected from PC to the Modem.
6. The RJ45 cable is connected from PC to the EUT.
7. Those RJ45 cables are floating.

## 2.6 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. Registration Number: 632249.
FCC Registration Number :	632249
IC Registration Number :	6597A-1
VCCI Registration Number :	T-182 for Telecommunication Test C-2188 for Conducted emission test R-1902 for Radiated emission test
Test Voltage:	AC 120V/ 60Hz
Test in Compliance with:	ANSI C63.4-2003 FCC Part 15 Subpart C
Frequency Range Investigated:	Conducted: from 150kHz to 30 MHz Radiation: from 30 MHz to 24620MHz
Test Distance:	The test distance of radiated emission from antenna to EUT is 3 M.

## 2.7 Measurement Uncertainty

Measurement Item	Measurement Frequency	Polarization	Uncertainty
Conducted Emission	9 kHz ~ 30 MHz	LINE/NEUTRAL	2.71 dB
Radiated Emission	30 MHz ~ 1GHz	Vertical	4.11 dB
		Horizontal	4.10 dB
6 dB Bandwidth	---	---	7500 Hz
Maximum Peak Output Power	---	---	1.4 dB
100kHz Bandwidth of Frequency Band Edges	---	---	2.2 dB
Power Spectral Density	---	---	2.2 dB



### 3. Antenna Requirements

#### 3.1 Standard Applicable

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

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

#### 3.2 Antenna Construction and Directional Gain

Antenna 1~5:

Antenna type: Printed Antenna

Antenna Gain: 0 dBi

## 4. Test of Conducted Emission

### 4.1 Test Limit

Conducted Emissions were measured from 150 kHz to 30 MHz with a bandwidth of 9 KHz on the 120 VAC power and return leads of the EUT according to the methods defined in ANSI C63.4-2003 Section 3.1. The EUT was placed on a nonmetallic stand in a shielded room 0.8 meters above the ground plane as shown in section 2.2. The interface cables and equipment positioning were varied within limits of reasonable applications to determine the position produced maximum conducted emissions.

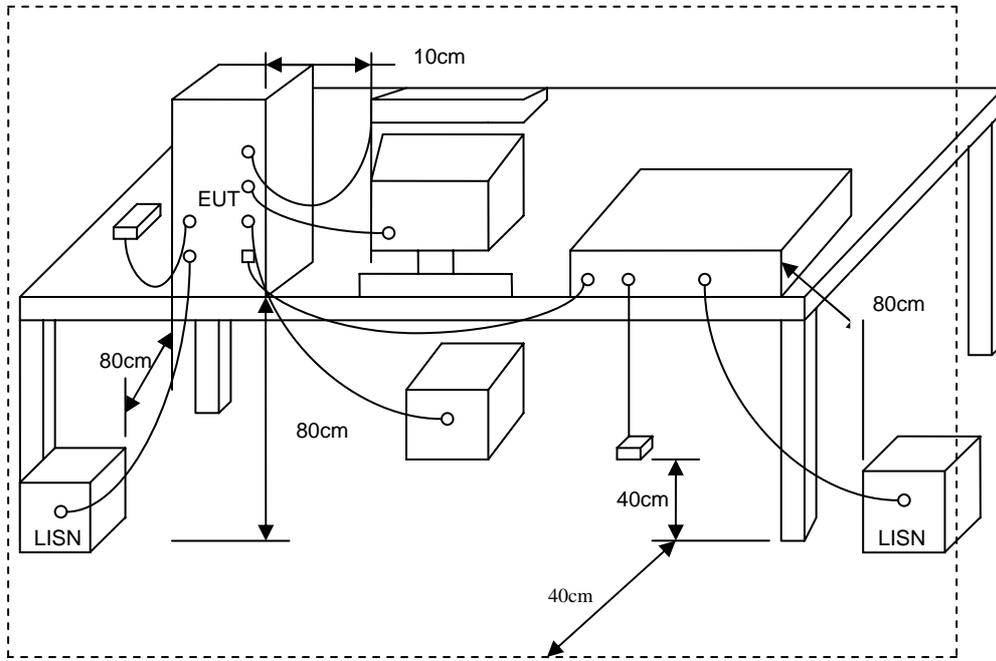
Frequency (MHz)	Quasi Peak (dB $\mu$ V)	Average (dB $\mu$ V)
0.15 – 0.5	66-56*	56-46*
0.5 – 5.0	56	46
5.0 – 30.0	60	50

\*Decreases with the logarithm of the frequency.

### 4.2 Test Procedures

- 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.

### 4.3 Typical Test Setup

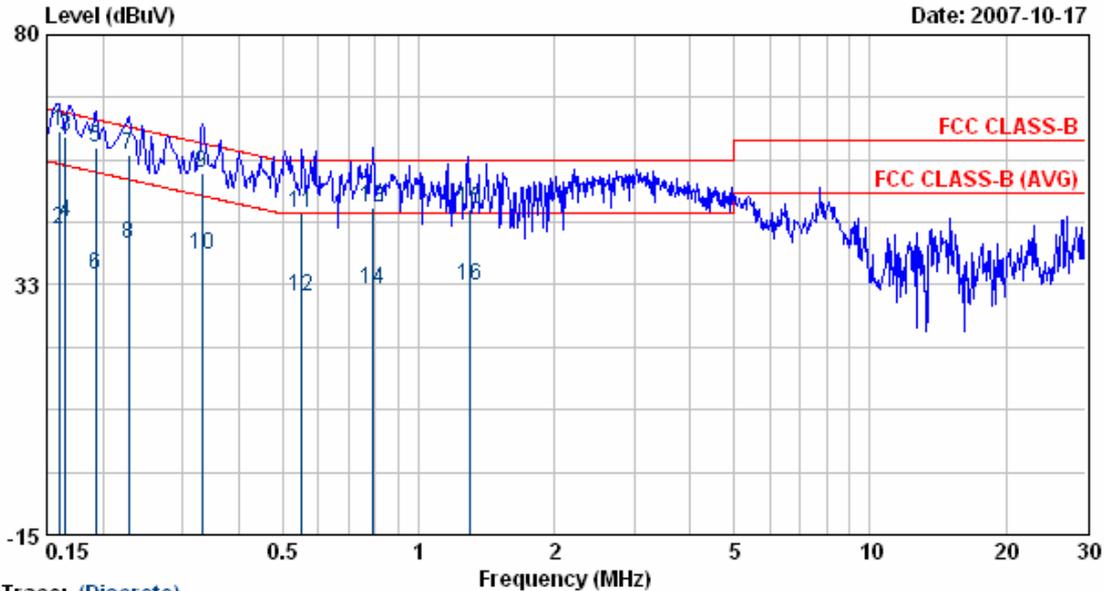


### 4.4 Measurement equipment

Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date	Valid Date.
Receiver	R&S	ESCI	100443	2007/09/27	2008/09/26
LISN	NNB-2/16Z	MESS TEC	02/10191	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	: 802.11g CH1	Temperature	: 25 °C
Memo	: MT12-Y120100-A1	Humidity	: 62 %



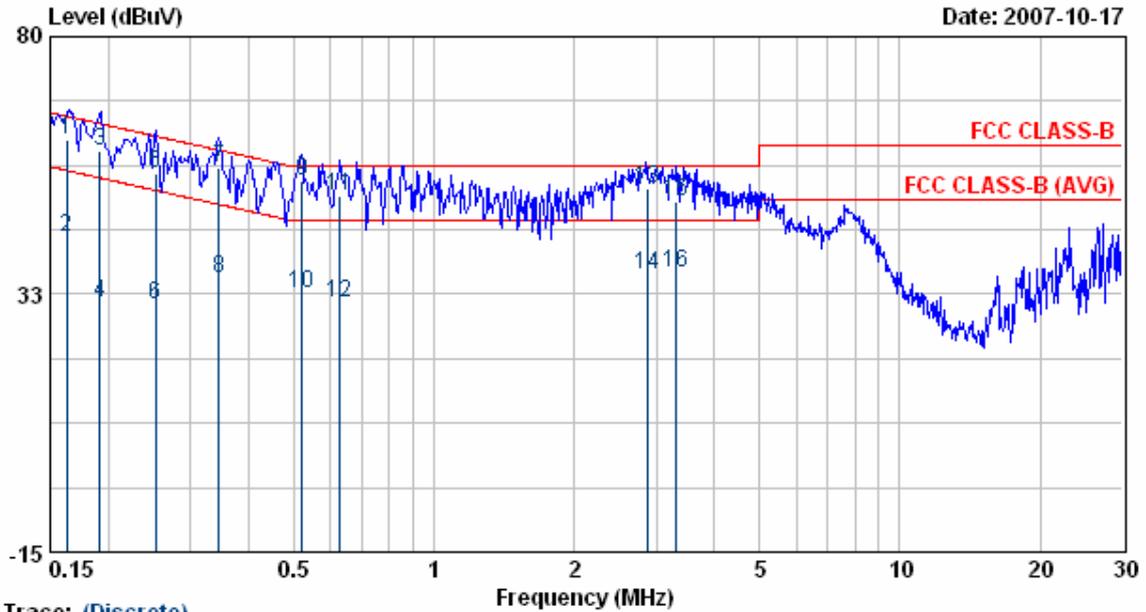
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.16	61.57	0.10	61.67	65.46	-3.79	QP
2	0.16	42.80	0.10	42.90	55.46	-12.56	AVERAGE
3	0.16	60.63	0.10	60.73	65.22	-4.49	QP
4	0.16	44.15	0.10	44.25	55.22	-10.97	AVERAGE
5	0.19	58.33	0.10	58.43	63.91	-5.48	QP
6	0.19	34.31	0.10	34.41	53.91	-19.50	AVERAGE
7	0.23	57.01	0.11	57.12	62.52	-5.41	QP
8	0.23	40.30	0.11	40.41	52.52	-12.11	AVERAGE
9	0.33	53.45	0.12	53.57	59.41	-5.83	QP
10	0.33	38.11	0.12	38.23	49.41	-11.17	AVERAGE
11	0.55	46.14	0.13	46.27	56.00	-9.73	QP
12	0.55	30.28	0.13	30.41	46.00	-15.59	AVERAGE
13	0.79	47.03	0.14	47.17	56.00	-8.83	QP
14	0.79	31.60	0.14	31.74	46.00	-14.26	AVERAGE
15	1.30	46.80	0.17	46.97	56.00	-9.03	QP
16	1.30	32.18	0.17	32.35	46.00	-13.65	AVERAGE

Remarks:

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

Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode	: 802.11g CH1	Temperature	: 26 °C
Memo	: MT12-Y120100-A1	Humidity	: 62 %

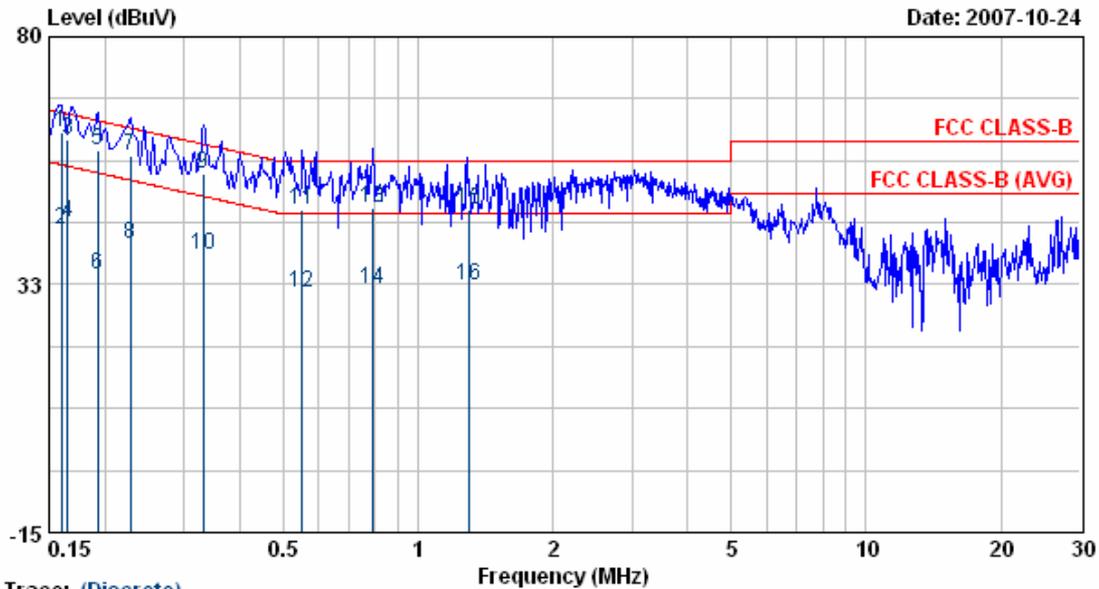


Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.16	60.96	0.09	61.05	65.32	-4.27	QP
2	0.16	43.05	0.09	43.14	55.32	-12.18	AVERAGE
3	0.19	58.97	0.09	59.06	63.96	-4.90	QP
4	0.19	30.82	0.09	30.91	53.96	-23.05	AVERAGE
5	0.25	54.67	0.10	54.77	61.69	-6.92	QP
6	0.25	30.37	0.10	30.47	51.69	-21.22	AVERAGE
7	0.34	55.82	0.11	55.93	59.09	-3.16	QP
8	0.34	35.32	0.11	35.43	49.09	-13.66	AVERAGE
9	0.52	53.44	0.12	53.56	56.00	-2.44	QP
10	0.52	32.50	0.12	32.62	46.00	-13.38	AVERAGE
11	0.63	50.41	0.13	50.54	56.00	-5.46	QP
12	0.63	30.77	0.13	30.90	46.00	-15.10	AVERAGE
13	2.86	51.79	0.23	52.02	56.00	-3.98	QP
14	2.86	35.78	0.23	36.01	46.00	-9.99	AVERAGE
15	3.31	49.22	0.24	49.46	56.00	-6.54	QP
16	3.31	36.14	0.24	36.37	46.00	-9.63	AVERAGE

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

Power	: AC 120V	Pol/Phase	: LINE
Test Mode	: 802.11 Turbo G CH6	Temperature	: 25 °C
Memo	: MT12-Y120100-A1	Humidity	: 62 %

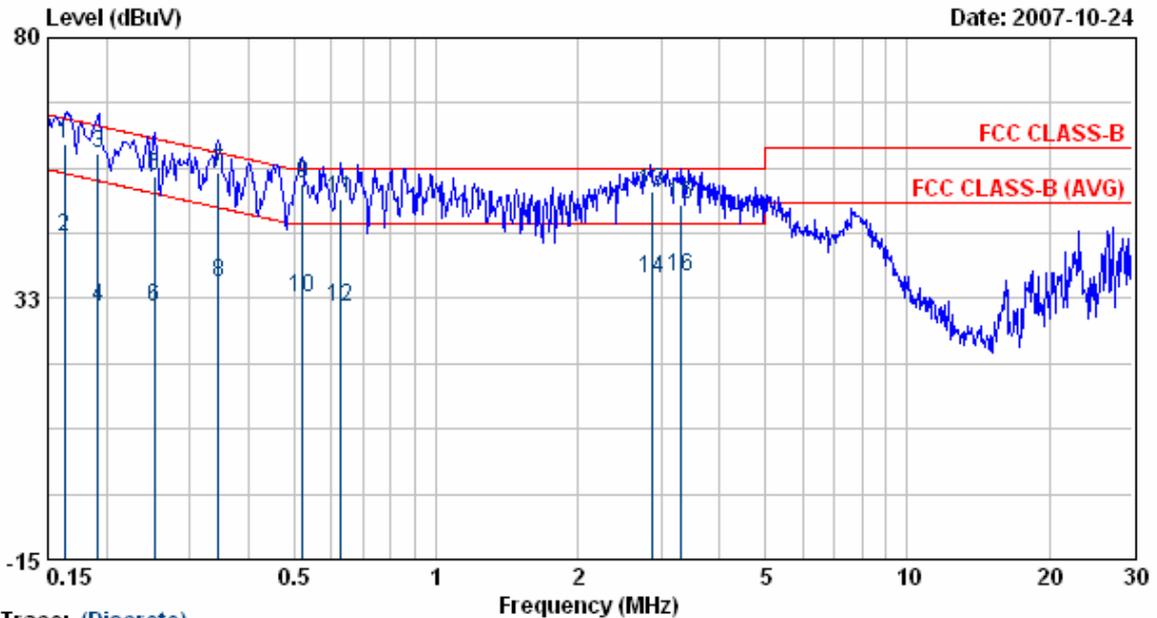


Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.16	61.68	0.10	61.78	65.46	-3.68	QP
2	0.16	42.78	0.10	42.88	55.46	-12.58	AVERAGE
3	0.16	60.28	0.10	60.38	65.22	-4.84	QP
4	0.16	44.17	0.10	44.28	55.22	-10.95	AVERAGE
5	0.19	58.26	0.10	58.36	63.91	-5.54	QP
6	0.19	34.37	0.10	34.47	53.91	-19.44	AVERAGE
7	0.23	57.01	0.11	57.12	62.52	-5.41	QP
8	0.23	40.30	0.11	40.41	52.52	-12.11	AVERAGE
9	0.33	53.45	0.12	53.57	59.41	-5.83	QP
10	0.33	38.11	0.12	38.23	49.41	-11.17	AVERAGE
11	0.55	46.77	0.13	46.90	56.00	-9.10	QP
12	0.55	30.83	0.13	30.96	46.00	-15.04	AVERAGE
13	0.79	47.03	0.14	47.17	56.00	-8.83	QP
14	0.79	31.60	0.14	31.74	46.00	-14.26	AVERAGE
15	1.30	46.82	0.17	46.99	56.00	-9.01	QP
16	1.30	32.19	0.17	32.37	46.00	-13.63	AVERAGE

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

Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode	: 802.11 Turbo G CH6	Temperature	: 25 °C
Memo	: MT12-Y120100-A1	Humidity	: 62 %

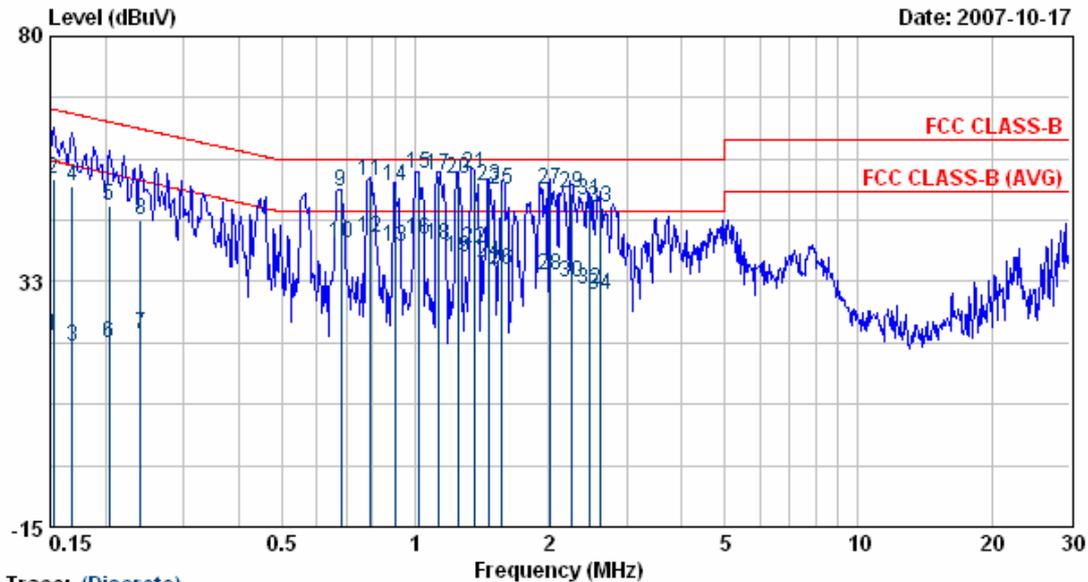


Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.16	60.64	0.09	60.73	65.32	-4.60	QP
2	0.16	43.53	0.09	43.62	55.32	-11.71	AVERAGE
3	0.19	58.97	0.09	59.06	63.96	-4.90	QP
4	0.19	30.82	0.09	30.91	53.96	-23.05	AVERAGE
5	0.25	54.72	0.10	54.82	61.69	-6.87	QP
6	0.25	30.73	0.10	30.83	51.69	-20.86	AVERAGE
7	0.34	55.23	0.11	55.34	59.09	-3.75	QP
8	0.34	35.32	0.11	35.43	49.09	-13.66	AVERAGE
9	0.52	53.44	0.12	53.56	56.00	-2.44	QP
10	0.52	32.50	0.12	32.62	46.00	-13.38	AVERAGE
11	0.63	50.45	0.13	50.58	56.00	-5.42	QP
12	0.63	30.73	0.13	30.86	46.00	-15.14	AVERAGE
13	2.86	51.79	0.23	52.02	56.00	-3.98	QP
14	2.86	35.78	0.23	36.01	46.00	-9.99	AVERAGE
15	3.31	49.23	0.24	49.47	56.00	-6.53	QP
16	3.31	36.37	0.24	36.61	46.00	-9.39	AVERAGE

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

Power	: AC 120V	Pol/Phase	: LINE
Test Mode	: 802.11g CH1	Temperature	: 25 °C
Memo	: RHQ-120100-1	Humidity	: 62 %



Trace: (Discrete)

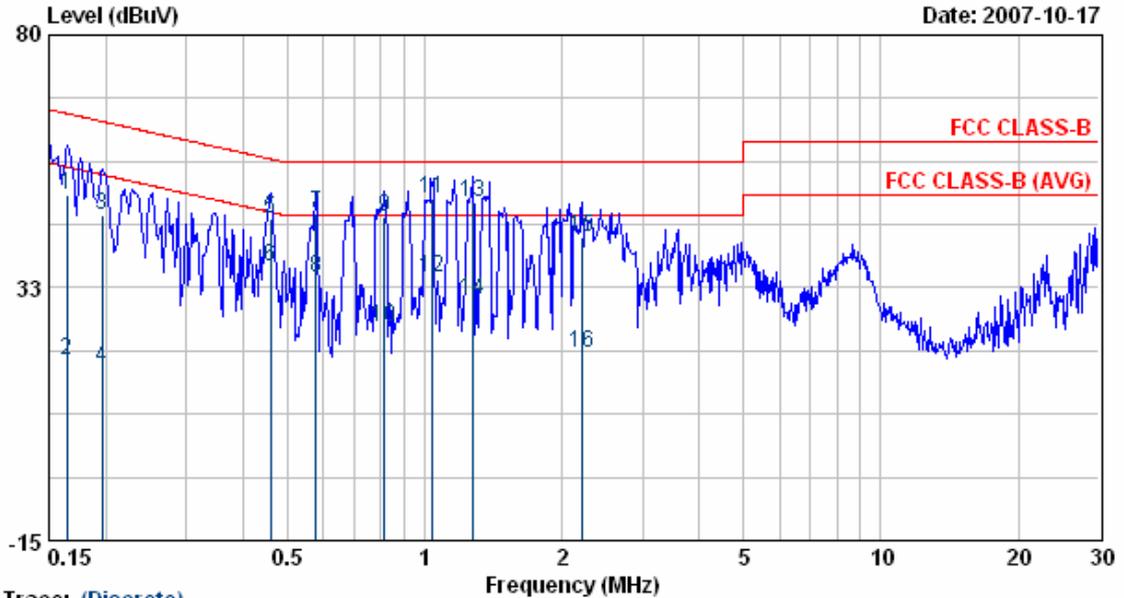
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.15	21.88	0.10	21.98	55.87	-33.89	AVERAGE
2	0.15	52.33	0.10	52.43	65.87	-13.44	QP
3	0.17	19.86	0.10	19.96	55.04	-35.08	AVERAGE
4	0.17	50.79	0.10	50.89	65.04	-14.15	QP
5	0.20	47.08	0.10	47.19	63.45	-16.26	QP
6	0.20	20.40	0.10	20.51	53.45	-32.94	AVERAGE
7	0.24	22.26	0.11	22.37	52.08	-29.71	AVERAGE
8	0.24	44.15	0.11	44.26	62.08	-17.82	QP
9	0.68	49.92	0.14	50.06	56.00	-5.94	QP
10	0.68	39.67	0.14	39.81	46.00	-6.19	AVERAGE
11	0.79	51.93	0.14	52.07	56.00	-3.93	QP
12	0.79	40.66	0.14	40.81	46.00	-5.19	AVERAGE
13	0.90	39.21	0.15	39.36	46.00	-6.64	AVERAGE
14	0.90	50.99	0.15	51.13	56.00	-4.87	QP
15	1.02	53.33	0.15	53.49	56.00	-2.51	QP
16	1.02	40.60	0.15	40.75	46.00	-5.25	AVERAGE
17	1.13	52.92	0.16	53.08	56.00	-2.92	QP
18	1.13	39.31	0.16	39.47	46.00	-6.53	AVERAGE
19	1.25	36.91	0.17	37.08	46.00	-8.92	AVERAGE
20	1.25	52.21	0.17	52.38	56.00	-3.62	QP
21	1.36	53.29	0.18	53.47	56.00	-2.53	QP
22	1.36	38.83	0.18	39.01	46.00	-6.99	AVERAGE
23	1.46	50.65	0.18	50.83	56.00	-5.17	QP

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

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
24	1.46	35.80	0.18	35.98	46.00	-10.02	AVERAGE
25	1.57	50.15	0.19	50.34	56.00	-5.66	QP
26	1.57	34.46	0.19	34.65	46.00	-11.35	AVERAGE
27	2.02	50.09	0.21	50.30	56.00	-5.70	QP
28	2.02	33.40	0.21	33.61	46.00	-12.39	AVERAGE
29	2.26	49.40	0.21	49.61	56.00	-6.39	QP
30	2.26	32.16	0.21	32.37	46.00	-13.63	AVERAGE
31	2.47	48.04	0.22	48.26	56.00	-7.74	QP
32	2.47	30.57	0.22	30.78	46.00	-15.22	AVERAGE
33	2.61	46.70	0.22	46.92	56.00	-9.08	QP
34	2.61	29.64	0.22	29.86	46.00	-16.14	AVERAGE

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

Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode	: 802.11g CH1	Temperature	: 25 °C
Memo	: RHQ-120100-1	Humidity	: 62 %



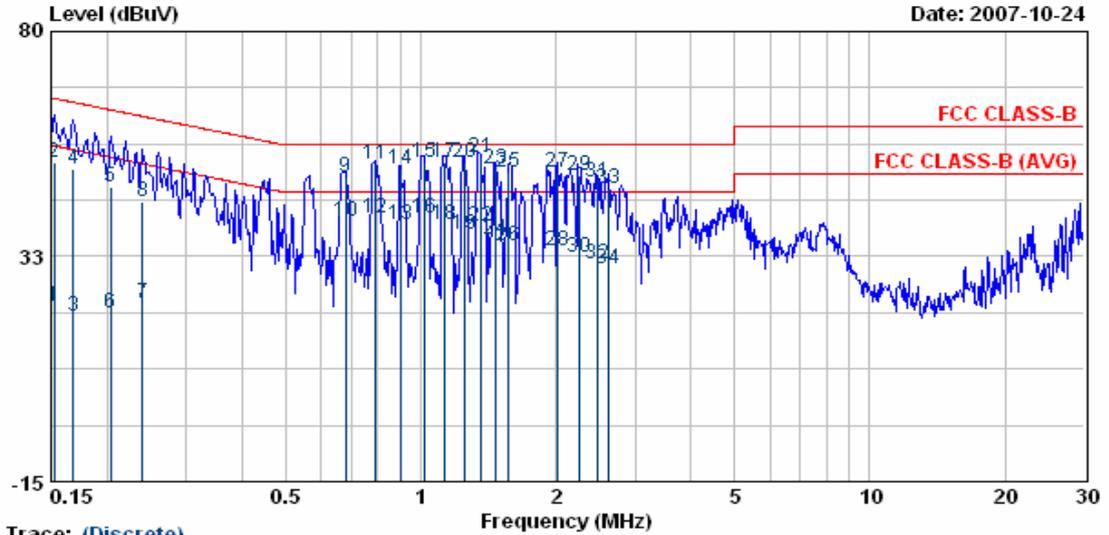
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark
	MHz	dBuV	dB	dBuV	dBuV	dBuV	
1	0.16	49.76	0.09	49.85	65.25	-15.41	QP
2	0.16	18.86	0.09	18.95	55.25	-36.30	AVERAGE
3	0.20	45.98	0.09	46.07	63.76	-17.69	QP
4	0.20	17.49	0.09	17.58	53.76	-36.18	AVERAGE
5	0.46	45.19	0.12	45.30	56.71	-11.41	QP
6	0.46	36.19	0.12	36.31	46.71	-10.40	AVERAGE
7	0.58	46.49	0.13	46.62	56.00	-9.38	QP
8	0.58	34.38	0.13	34.50	46.00	-11.50	AVERAGE
9	0.82	45.55	0.14	45.69	56.00	-10.31	QP
10	0.82	25.06	0.14	25.20	46.00	-20.80	AVERAGE
11	1.04	49.01	0.15	49.16	56.00	-6.84	QP
12	1.04	34.31	0.15	34.46	46.00	-11.54	AVERAGE
13	1.27	48.32	0.17	48.49	56.00	-7.51	QP
14	1.27	30.24	0.17	30.41	46.00	-15.59	AVERAGE
15	2.21	41.77	0.21	41.98	56.00	-14.02	QP
16	2.21	19.94	0.21	20.15	46.00	-25.85	AVERAGE

Remarks:

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

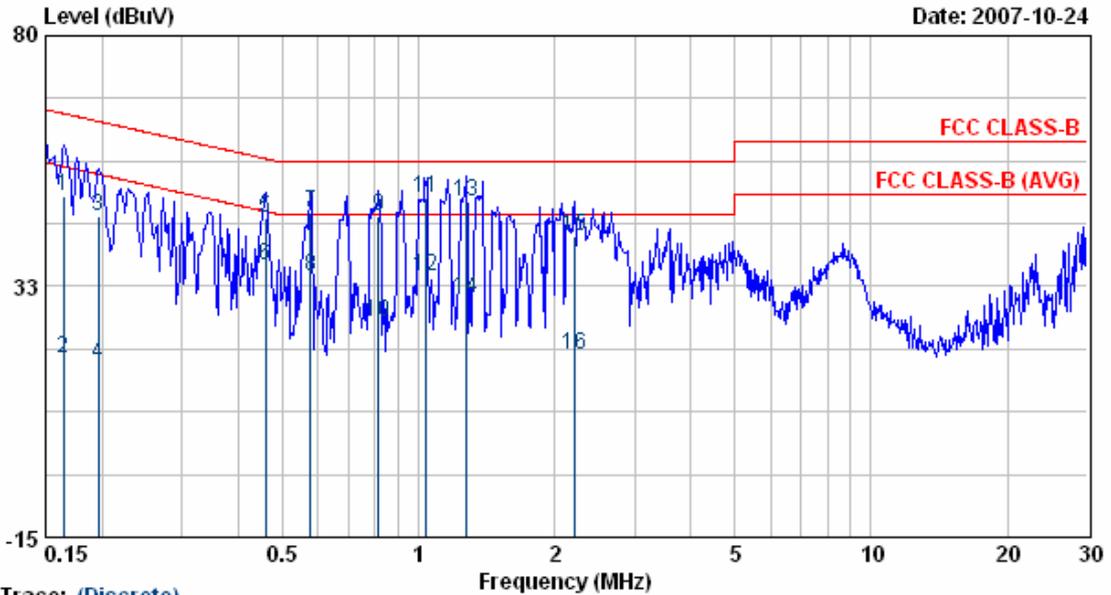
Power	: AC 120V	Pol/Phase	: LINE
Test Mode	: 802.11 Turbo G CH6	Temperature	: 25 °C
Memo	: RHQ-120100-1	Humidity	: 62 %



Item	Freq MHz	Read Value dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dBuV	Remark
1	0.15	21.79	0.10	21.89	55.87	-33.98	AVERAGE
2	0.15	52.26	0.10	52.36	65.87	-13.51	QP
3	0.17	19.87	0.10	19.97	55.04	-35.07	AVERAGE
4	0.17	50.90	0.10	51.00	65.04	-14.04	QP
5	0.20	47.00	0.10	47.11	63.45	-16.34	QP
6	0.20	20.41	0.10	20.52	53.45	-32.93	AVERAGE
7	0.24	22.59	0.11	22.70	52.08	-29.38	AVERAGE
8	0.24	44.13	0.11	44.24	62.08	-17.85	QP
9	0.68	49.21	0.14	49.35	56.00	-6.65	QP
10	0.68	39.73	0.14	39.86	46.00	-6.14	AVERAGE
11	0.79	51.97	0.14	52.11	56.00	-3.89	QP
12	0.79	40.63	0.14	40.77	46.00	-5.23	AVERAGE
13	0.90	39.14	0.15	39.29	46.00	-6.71	AVERAGE
14	0.90	50.85	0.15	51.00	56.00	-5.00	QP
15	1.02	52.33	0.15	52.49	56.00	-3.51	QP
16	1.02	40.63	0.15	40.78	46.00	-5.22	AVERAGE
17	1.13	52.23	0.16	52.39	56.00	-3.61	QP
18	1.13	39.11	0.16	39.27	46.00	-6.73	AVERAGE
19	1.25	36.97	0.17	37.14	46.00	-8.86	AVERAGE
20	1.25	52.21	0.17	52.38	56.00	-3.62	QP
21	1.36	53.29	0.18	53.47	56.00	-2.53	QP
22	1.36	38.83	0.18	39.01	46.00	-6.99	AVERAGE
23	1.46	50.65	0.18	50.83	56.00	-5.17	QP
24	1.46	35.99	0.18	36.18	46.00	-9.82	AVERAGE
25	1.57	50.15	0.19	50.34	56.00	-5.66	QP
26	1.57	34.46	0.19	34.65	46.00	-11.35	AVERAGE
27	2.02	50.09	0.21	50.30	56.00	-5.70	QP
28	2.02	33.42	0.21	33.63	46.00	-12.37	AVERAGE
29	2.26	49.40	0.21	49.61	56.00	-6.39	QP
30	2.26	32.16	0.21	32.37	46.00	-13.63	AVERAGE
31	2.47	48.04	0.22	48.26	56.00	-7.74	QP
32	2.47	30.57	0.22	30.78	46.00	-15.22	AVERAGE
33	2.61	46.73	0.22	46.95	56.00	-9.05	QP
34	2.61	29.64	0.22	29.86	46.00	-16.14	AVERAGE

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

Power	: AC 120V	Pol/Phase	: NEUTRAL
Test Mode	: 802.11 Turbo G CH6	Temperature	: 25 °C
Memo	: RHQ-120100-1	Humidity	: 62 %



Trace: (Discrete)

Item	Freq MHz	Read Value dBuV	Factor dB	Result dBuV	Limit dBuV	Margin dBuV	Remark
1	0.16	49.56	0.09	49.65	65.25	-15.60	QP
2	0.16	18.61	0.09	18.70	55.25	-36.55	AVERAGE
3	0.20	45.77	0.09	45.86	63.76	-17.90	QP
4	0.20	17.90	0.09	17.99	53.76	-35.77	AVERAGE
5	0.46	45.19	0.12	45.30	56.71	-11.41	QP
6	0.46	36.19	0.12	36.31	46.71	-10.40	AVERAGE
7	0.58	46.49	0.13	46.62	56.00	-9.38	QP
8	0.58	34.38	0.13	34.50	46.00	-11.50	AVERAGE
9	0.82	45.58	0.14	45.72	56.00	-10.28	QP
10	0.82	25.58	0.14	25.72	46.00	-20.28	AVERAGE
11	1.04	49.01	0.15	49.16	56.00	-6.84	QP
12	1.04	34.31	0.15	34.46	46.00	-11.54	AVERAGE
13	1.27	48.32	0.17	48.49	56.00	-7.51	QP
14	1.27	30.24	0.17	30.41	46.00	-15.59	AVERAGE
15	2.21	41.80	0.21	42.00	56.00	-14.00	QP
16	2.21	19.40	0.21	19.61	46.00	-26.39	AVERAGE

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

Test engineer: Ben

## 5. Test of Radiated Emission

### 5.1 Test Limit

Radiated emissions from 30 MHz to 25 GHz were measured according to the methods defines in ANSI C63.4-2003. The EUT was placed, 0.8 meter above the ground plane, as shown in section 5.6.3. The interface cables and equipment positions were varied within limits of reasonable applications to determine the positions producing maximum radiated emissions  
For unintentional device, according to § 15.109(a), except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:

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

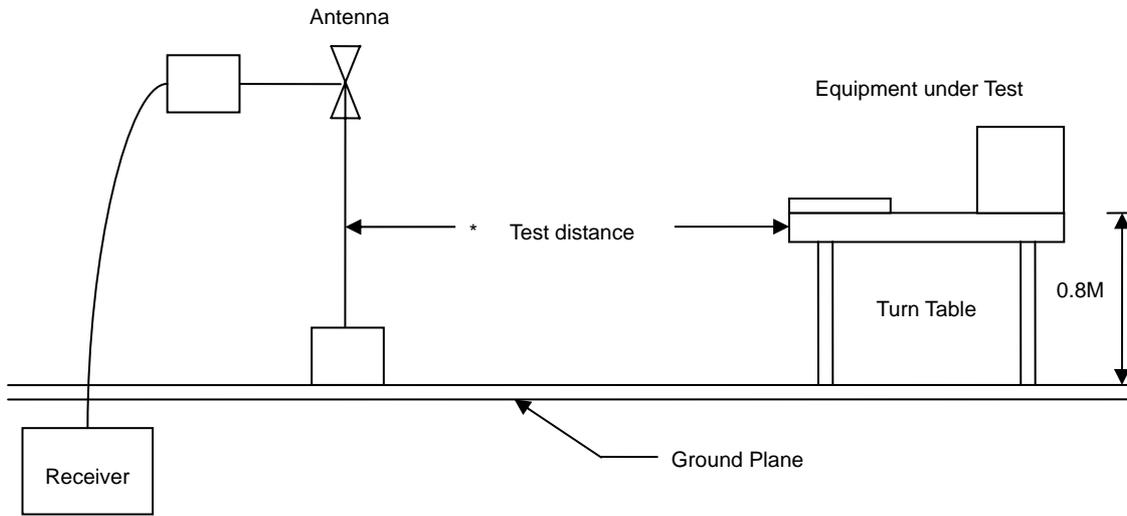
For unintentional device, according to CISPR PUB.22, for Class B digital devices, the general requirement of field strength of radiated emissions from intentional radiators at a distance of 10 meters shall not exceed the below table.

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

## 5.2 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.

### 5.3 Typical Test Setup

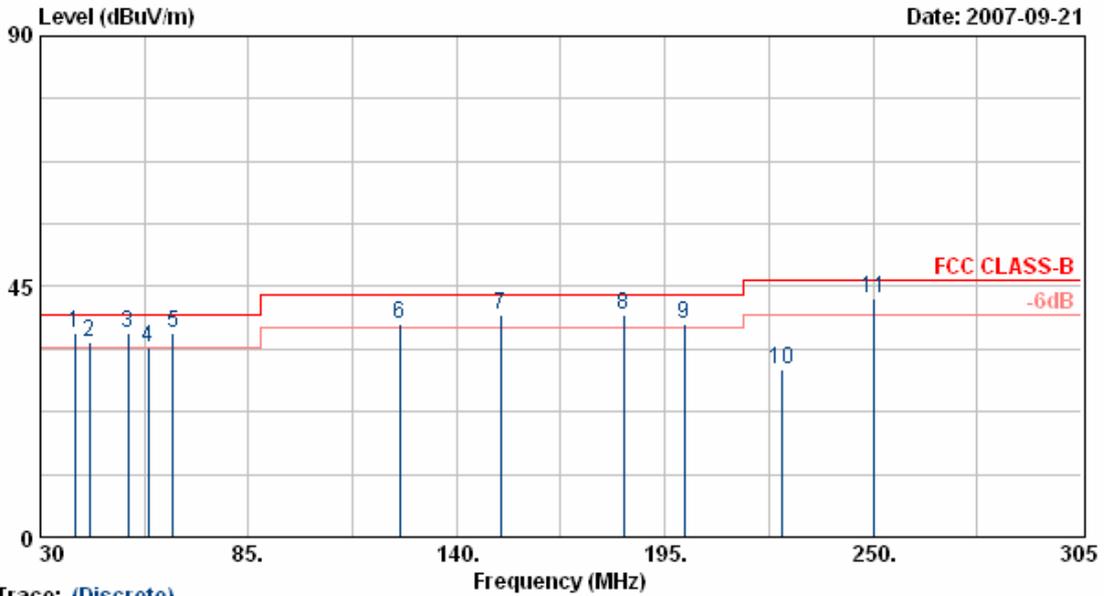


### 5.4 Measurement equipment

Instrument/Ancillary	Model No.	Manufacturer	Serial No.	Calibration Date	Valid Date
EMI Receiver	85460A	HP	3807A00454	2007/06/05	2008/06/04
Spectrum Analyzer	FSP40	R&S	10047	2007/01/23	2008/01/22
Horn Antenna	3115	EMCO	31589	2007/03/05	2008/03/04
Horn Antenna	3116	EMCO	31970	2007/03/06	2008/03/05
Bilog Antenna	CBL6112B	Schaffner	2840	2007/04/26	2008/04/25
Amplifier	8449B	Agilent	3008A01954	2007/01/12	2008/01/11
Amplifier	8447D	Agilent	2944A10531	2007/09/26	2008/09/25

5.5 Test Result and Data

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 1	Humidity	: 67 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1antenna 1	Rate	: 54 Mbps



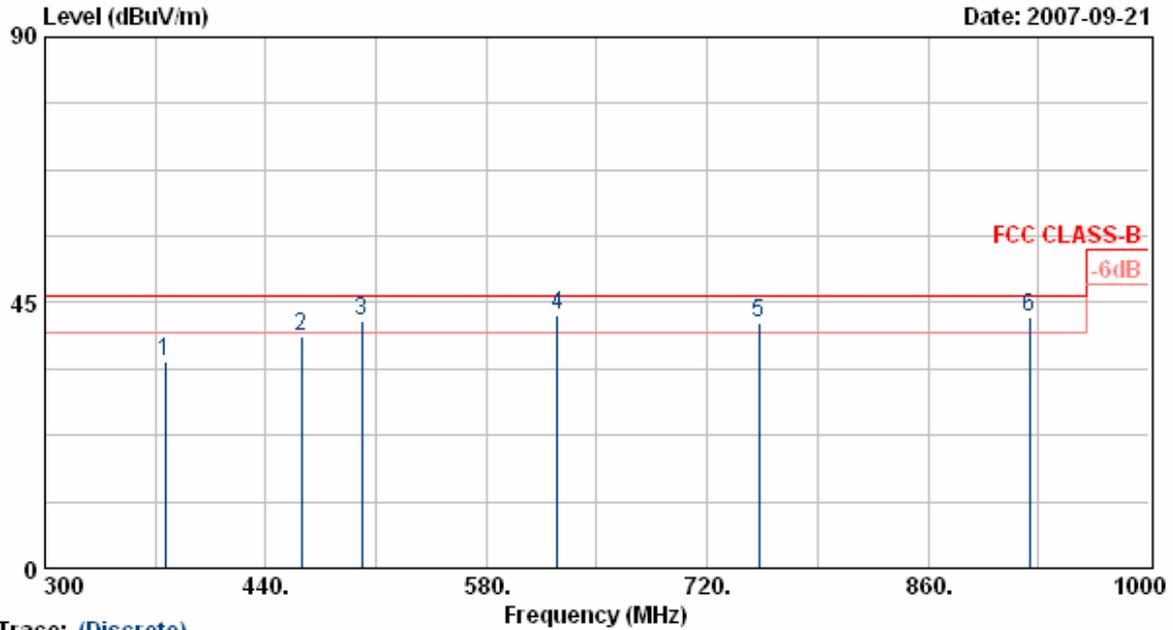
Trace: (Discrete)

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	39.08	51.10	-14.58	36.52	40.00	-3.48	QP	300	15
2	42.95	51.05	-15.94	35.11	40.00	-4.89	QP	100	18
3	53.10	56.03	-19.52	36.51	40.00	-3.49	QP	100	18
4	58.60	52.00	-17.85	34.15	40.00	-5.85	QP	100	20
5	64.93	59.55	-22.74	36.81	40.00	-3.19	QP	100	19
6	124.99	49.65	-11.29	38.36	43.50	-5.14	QP	100	18
7	151.55	52.92	-12.85	40.07	43.50	-3.43	QP	100	16
8	184.00	51.41	-11.49	39.92	43.50	-3.58	QP	100	27
9	200.23	51.01	-12.76	38.25	43.50	-5.25	QP	100	17
10	225.80	44.88	-14.73	30.15	46.00	-15.85	Peak	100	16
11	250.00	53.84	-11.04	42.80	46.00	-3.20	QP	100	15

Notes:

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

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 1	Humidity	: 67 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 1	Rate	: 54 Mbps



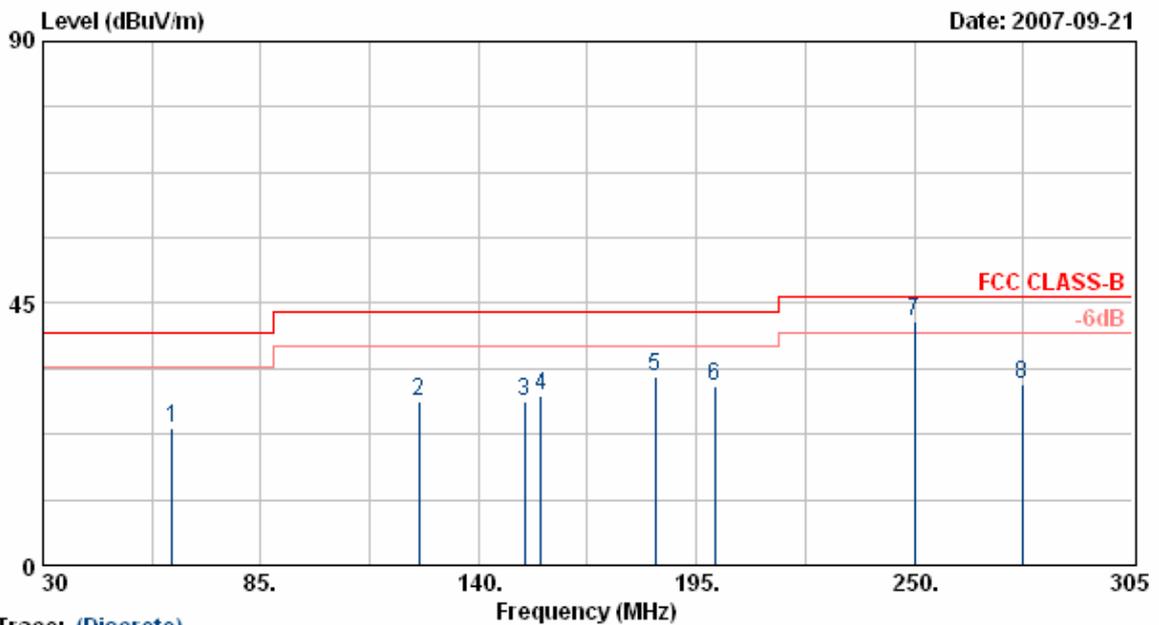
Trace: (Discrete)

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	376.30	44.61	-9.67	34.94	46.00	-11.06	Peak	100	355
2	462.40	45.95	-6.57	39.38	46.00	-6.62	Peak	100	360
3	500.90	46.75	-4.71	42.04	46.00	-3.96	QP	100	360
4	624.83	48.22	-5.38	42.84	46.00	-3.16	QP	100	358
5	752.90	44.83	-3.25	41.58	46.00	-4.42	QP	100	349
6	924.40	39.45	3.16	42.61	46.00	-3.39	QP	100	267

Notes:

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

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 1	Humidity	: 67 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 1	Rate	: 54 Mbps



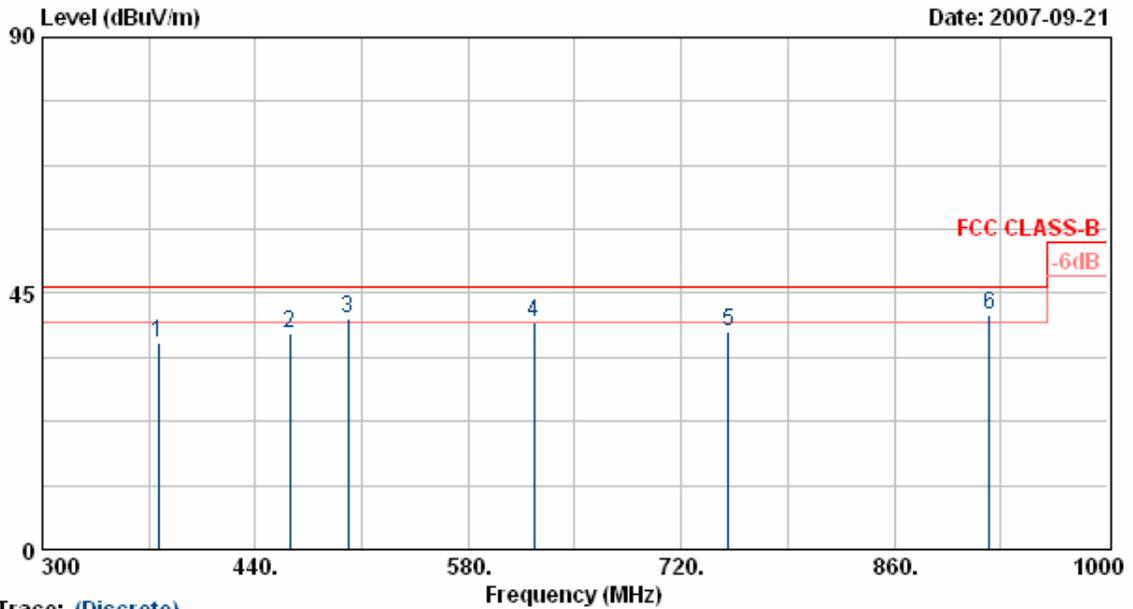
Trace: (Discrete)

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	62.73	51.28	-27.86	23.42	40.00	-16.58	Peak	400	35
2	125.00	48.28	-20.04	28.24	43.50	-15.26	Peak	400	33
3	151.55	47.29	-19.23	28.06	43.50	-15.44	Peak	400	38
4	155.65	48.12	-19.04	29.08	43.50	-14.42	Peak	400	33
5	184.55	53.78	-21.37	32.41	43.50	-11.09	Peak	400	39
6	199.68	49.66	-19.04	30.62	43.50	-12.88	Peak	400	94
7	250.01	57.62	-15.68	41.94	46.00	-4.06	QP	400	32
8	277.23	44.63	-13.59	31.04	46.00	-14.96	Peak	400	30

Notes:

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

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 1	Humidity	: 67 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 1	Rate	: 54 Mbps



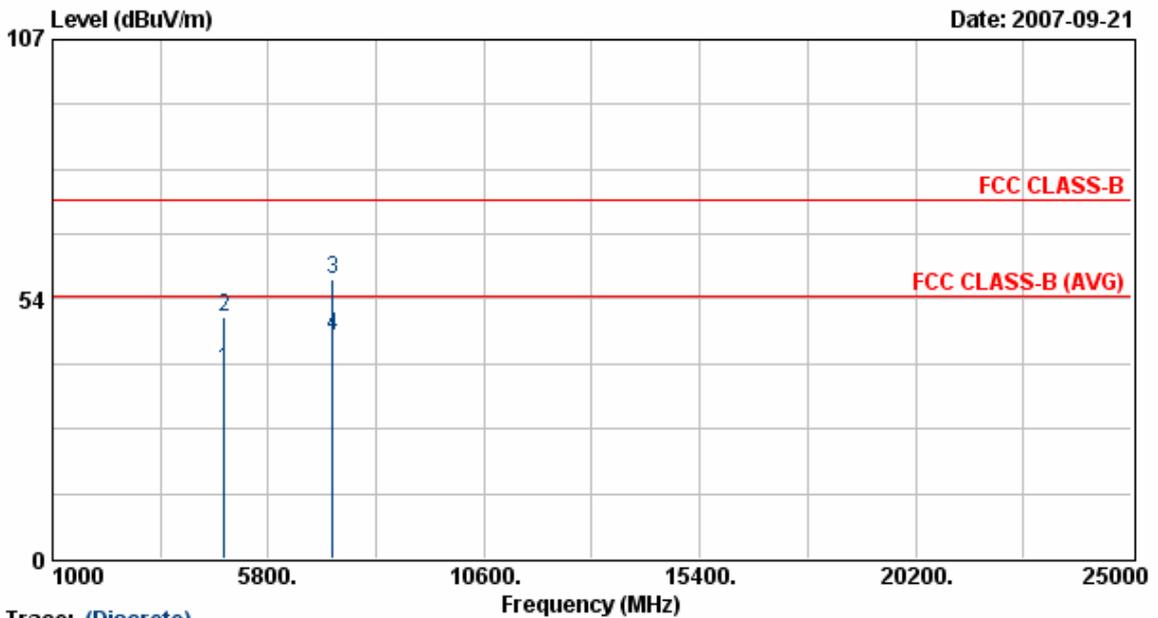
Trace: (Discrete)

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	376.30	46.75	-10.46	36.29	46.00	-9.71	Peak	100	264
2	462.40	45.45	-7.63	37.82	46.00	-8.18	Peak	400	266
3	500.90	47.07	-6.57	40.50	46.00	-5.50	QP	100	360
4	623.40	44.77	-4.80	39.97	46.00	-6.03	Peak	100	259
5	750.80	43.60	-5.20	38.40	46.00	-7.60	Peak	100	266
6	922.30	38.33	2.78	41.11	46.00	-4.89	QP	100	261

Notes:

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

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 26 °C
Operation Channel	: 1	Humidity	: 70 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 1	Rate	: 11 Mbps



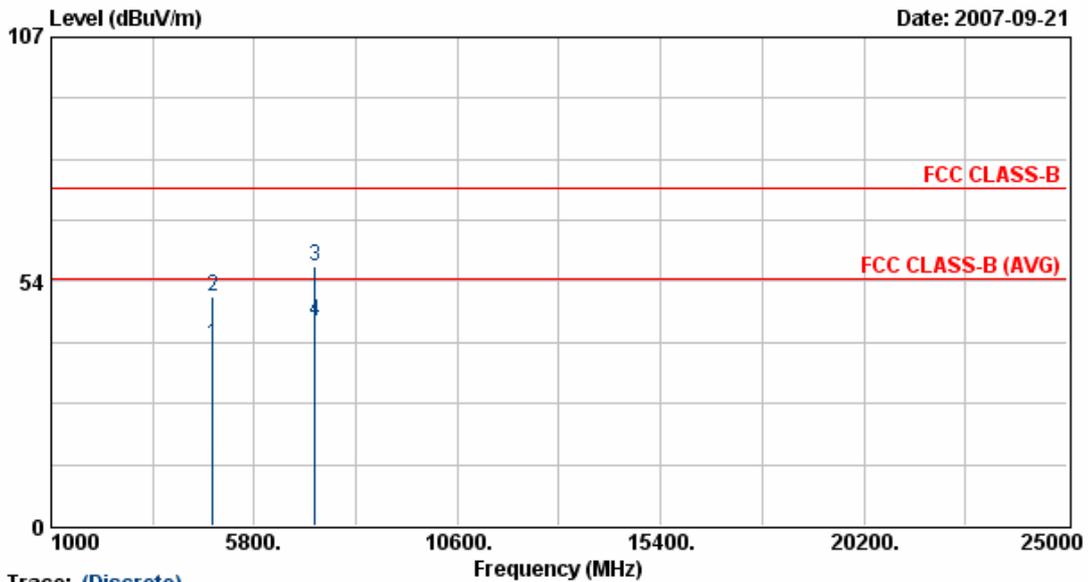
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.00	30.25	8.64	38.89	54.00	-15.11	Average	138	192
2	4824.00	41.01	8.64	49.65	74.00	-24.35	Peak	138	192
3	7237.63	43.27	14.36	57.63	74.00	-16.37	Peak	138	192
4	7237.63	31.72	14.36	46.08	54.00	-7.92	Average	138	192

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 1	Humidity	: 70 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 1	Rate	: 11 Mbps



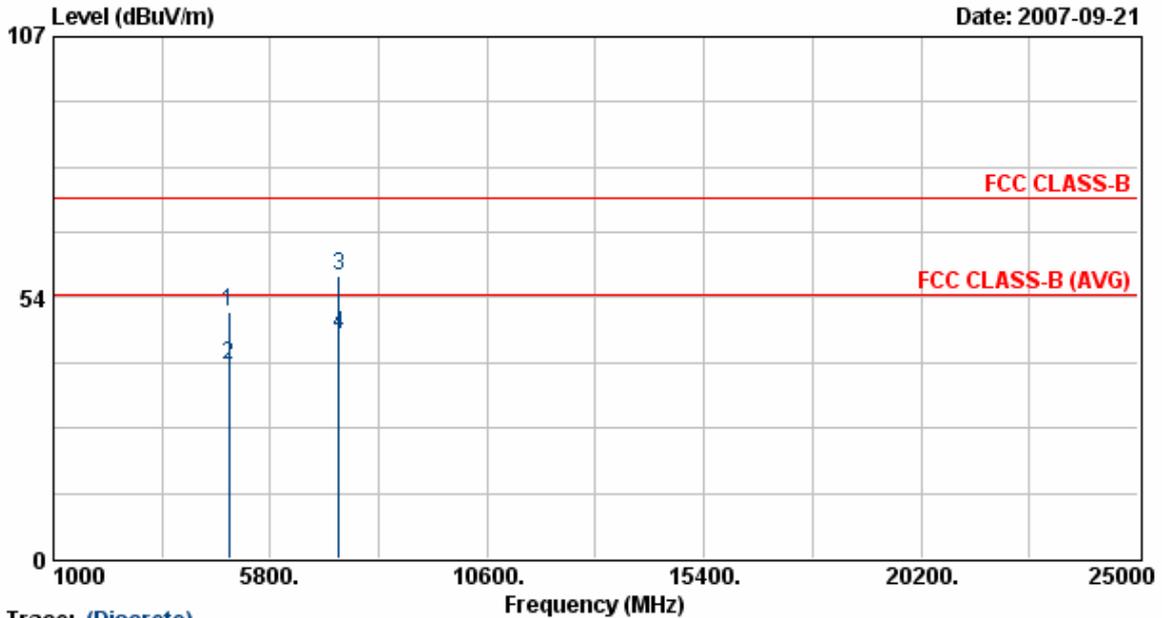
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.00	31.05	8.64	39.69	54.00	-14.31	Average	133	165
2	4824.00	41.63	8.64	50.27	74.00	-23.73	Peak	133	165
3	7235.63	42.56	14.35	56.91	74.00	-17.09	Peak	133	165
4	7235.63	30.56	14.35	44.91	54.00	-9.09	Average	133	165

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 6	Humidity	: 70 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 1	Rate	: 11 Mbps



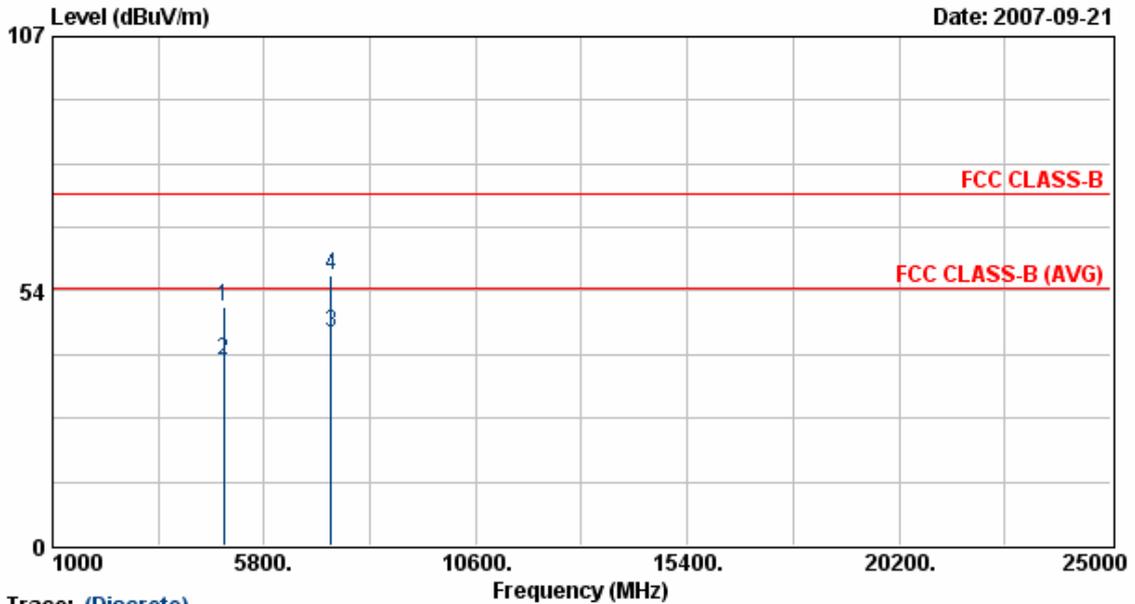
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBUV/m	dB	dBUV/m	dBUV/m	dB		cm	Deg
1	4874.00	41.94	8.78	50.72	74.00	-23.28	Peak	138	192
2	4874.00	30.83	8.78	39.61	54.00	-14.39	Average	138	192
3	7312.75	43.32	14.60	57.93	74.00	-16.07	Peak	138	192
4	7312.75	31.27	14.60	45.87	54.00	-8.13	Average	138	192

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 6	Humidity	: 70 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 1	Rate	: 11 Mbps



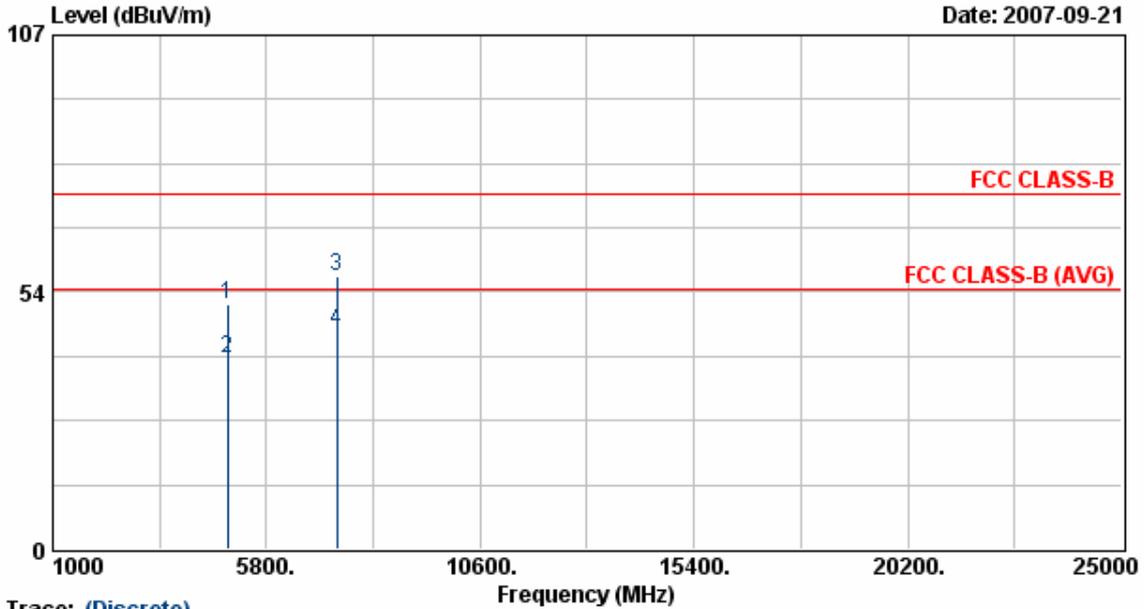
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.00	41.48	8.78	50.26	74.00	-23.74	Peak	133	165
2	4874.00	30.10	8.78	38.88	54.00	-15.12	Average	133	165
3	7310.38	30.33	14.60	44.92	54.00	-9.08	Average	133	165
4	7310.38	42.11	14.60	56.70	74.00	-17.30	Peak	133	165

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 11	Humidity	: 70 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 1	Rate	: 11 Mbps



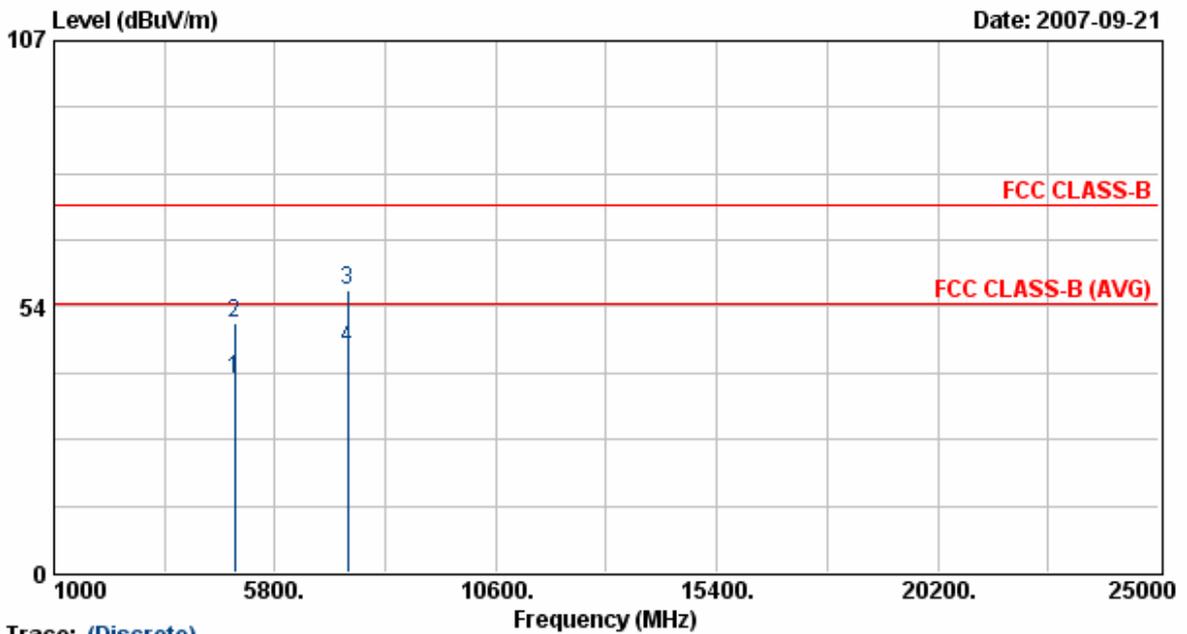
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.00	42.09	8.92	51.01	74.00	-22.99	Peak	138	192
2	4924.00	30.85	8.92	39.77	54.00	-14.23	Average	138	192
3	7388.38	41.93	14.85	56.78	74.00	-17.22	Peak	138	192
4	7388.38	30.54	14.85	45.39	54.00	-8.61	Average	138	192

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 11	Humidity	: 70 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 1	Rate	: 11 Mbps



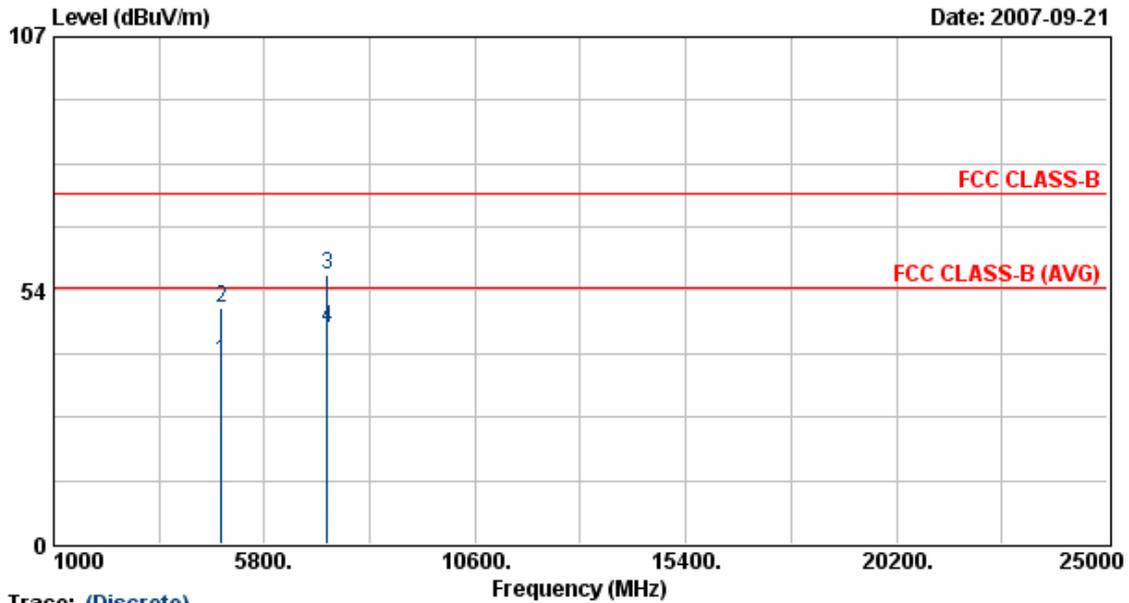
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.00	30.07	8.92	38.99	54.00	-15.01	Average	133	165
2	4924.00	41.41	8.92	50.33	74.00	-23.67	Peak	133	165
3	7387.00	42.13	14.84	56.98	74.00	-17.02	Peak	133	165
4	7387.00	30.48	14.84	45.32	54.00	-8.68	Average	133	165

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 1	Humidity	: 70 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 1	Rate	: 54 Mbps



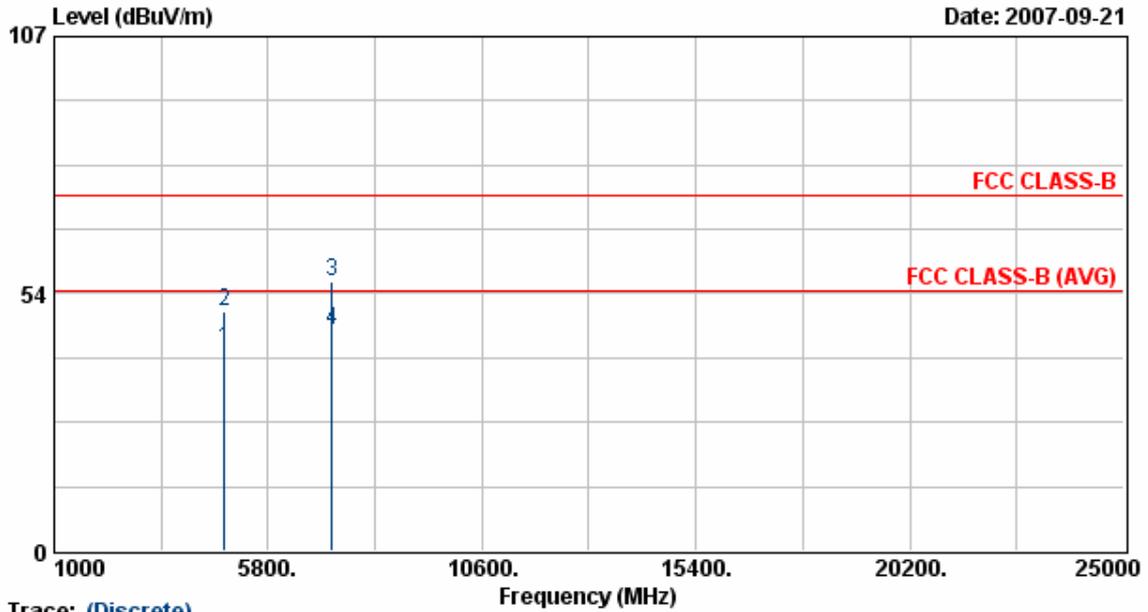
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.00	29.75	8.64	38.39	54.00	-15.61	Average	138	192
2	4824.00	41.28	8.64	49.92	74.00	-24.08	Peak	138	192
3	7235.38	42.27	14.35	56.62	74.00	-17.38	Peak	138	192
4	7235.38	31.17	14.35	45.53	54.00	-8.47	Average	138	192

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 1	Humidity	: 70 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 1	Rate	: 54 Mbps



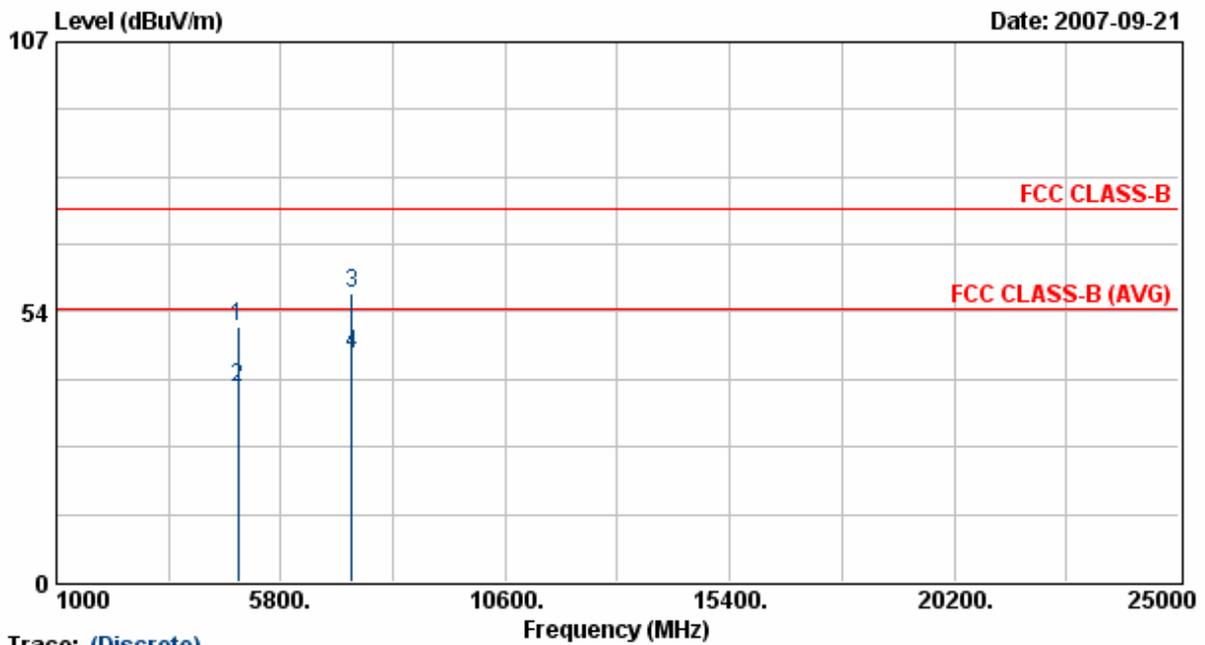
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.13	33.49	8.64	42.13	54.00	-11.87	Average	133	165
2	4824.13	41.22	8.64	49.86	74.00	-24.14	Peak	133	165
3	7235.88	41.78	14.35	56.14	74.00	-17.86	Peak	133	165
4	7235.88	31.69	14.35	46.04	54.00	-7.96	Average	133	165

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 6	Humidity	: 70 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 1	Rate	: 54 Mbps



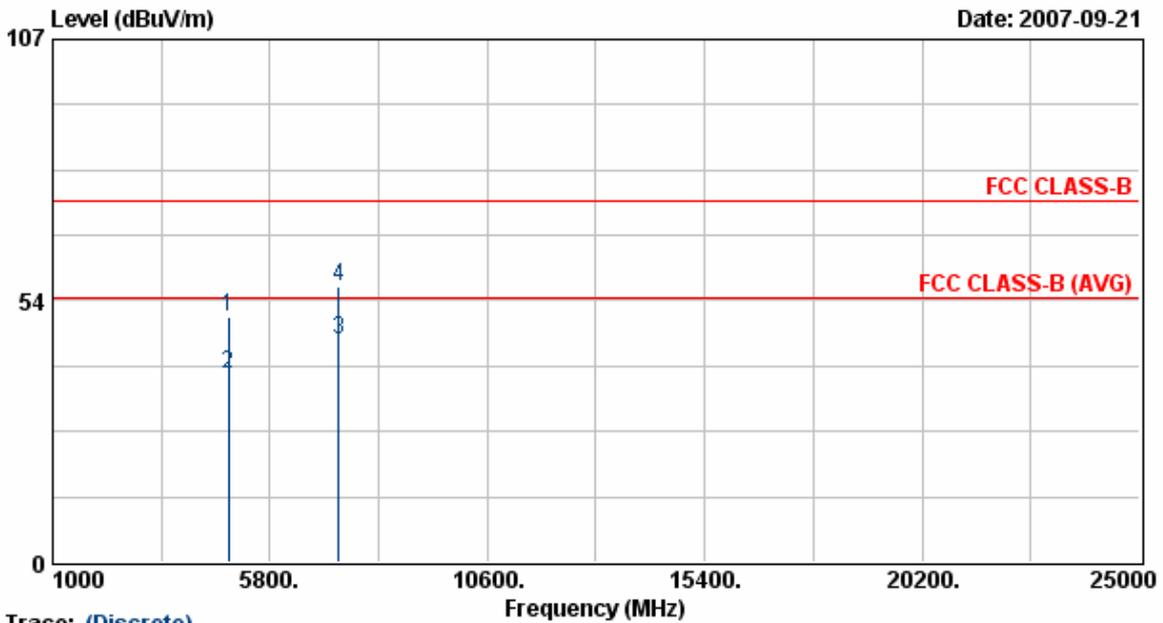
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.25	41.68	8.78	50.46	74.00	-23.54	Peak	138	192
2	4874.25	29.77	8.78	38.55	54.00	-15.45	Average	138	192
3	7311.00	42.70	14.60	57.30	74.00	-16.70	Peak	138	192
4	7311.00	30.66	14.60	45.25	54.00	-8.75	Average	138	192

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 6	Humidity	: 70 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 1	Rate	: 54 Mbps



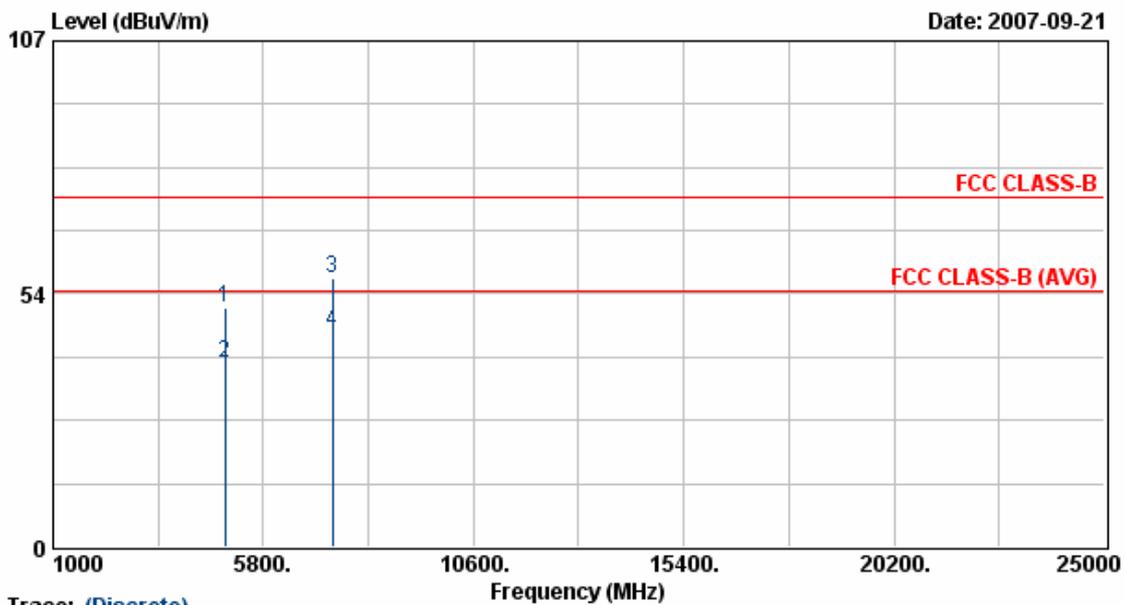
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.63	41.30	8.78	50.08	74.00	-23.92	Peak	133	165
2	4873.63	29.75	8.78	38.53	54.00	-15.47	Average	133	165
3	7309.88	30.77	14.59	45.36	54.00	-8.64	Average	133	165
4	7309.88	41.66	14.59	56.25	74.00	-17.75	Peak	133	165

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 11	Humidity	: 70 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 1	Rate	: 54 Mbps



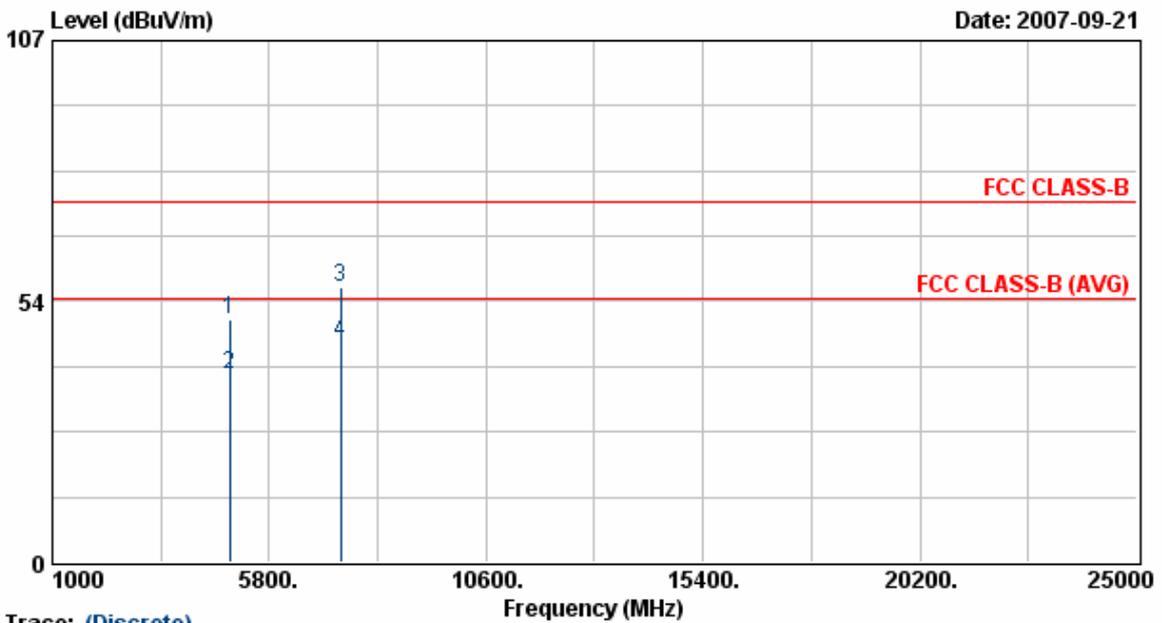
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.63	41.76	8.93	50.68	74.00	-23.32	Peak	138	192
2	4924.63	29.86	8.93	38.78	54.00	-15.22	Average	138	192
3	7385.88	42.02	14.84	56.86	74.00	-17.14	Peak	138	192
4	7385.88	30.57	14.84	45.41	54.00	-8.59	Average	138	192

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 11	Humidity	: 70 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 1	Rate	: 54 Mbps



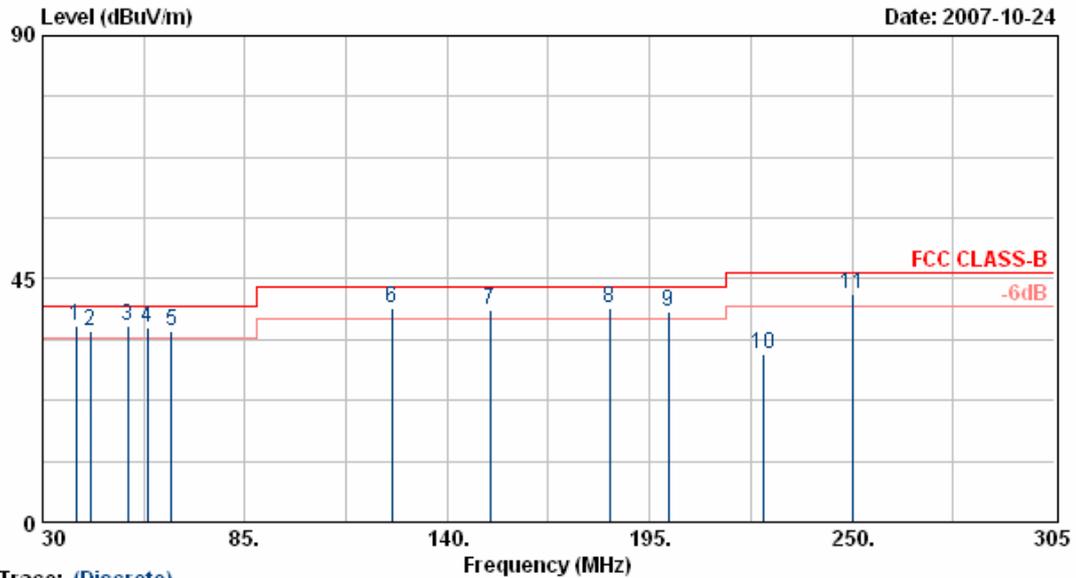
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.88	40.86	8.92	49.79	74.00	-24.21	Peak	133	165
2	4923.88	29.45	8.92	38.37	54.00	-15.63	Average	133	165
3	7386.00	41.60	14.84	56.44	74.00	-17.56	Peak	133	165
4	7386.00	30.28	14.84	45.12	54.00	-8.88	Average	133	165

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 30 °C
Operation Channel	: 6	Humidity	: 67 %
Modulation Type	: 802.11 Turbo G	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1antenna 1	Rate	: 108 Mbps



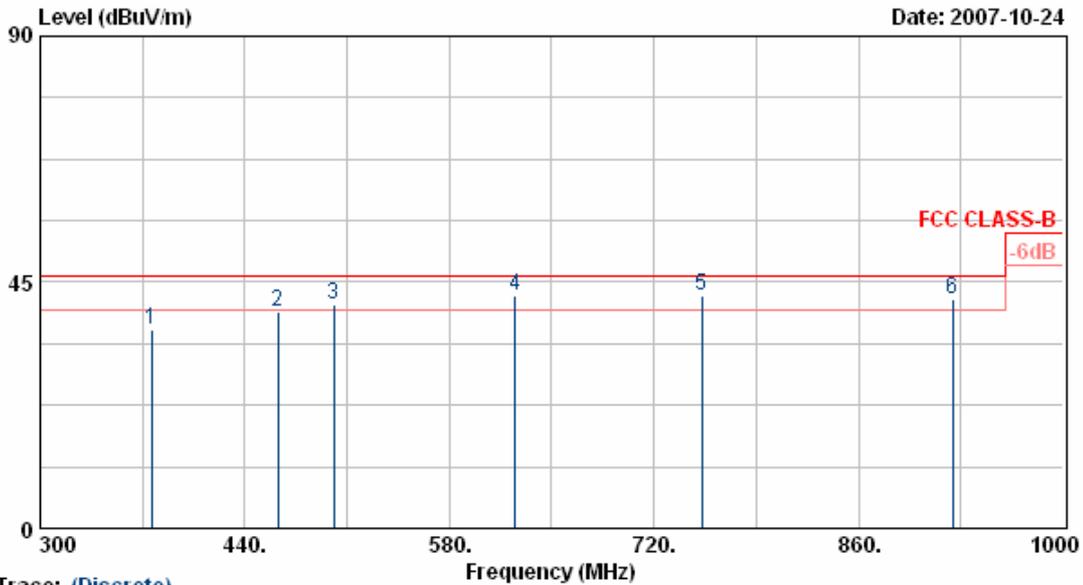
Trace: (Discrete)

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	39.08	50.91	-14.58	36.34	40.00	-3.66	QP	300	15
2	42.95	51.22	-15.94	35.28	40.00	-4.72	QP	100	18
3	53.10	55.79	-19.52	36.27	40.00	-3.73	QP	100	18
4	58.60	53.80	-17.85	35.95	40.00	-4.05	QP	100	20
5	64.93	58.12	-22.74	35.38	40.00	-4.62	QP	100	19
6	124.99	50.77	-11.29	39.47	43.50	-4.03	QP	100	18
7	151.55	52.11	-12.85	39.26	43.50	-4.24	QP	100	16
8	184.00	50.95	-11.49	39.46	43.50	-4.04	QP	100	27
9	200.23	51.84	-12.76	39.08	43.50	-4.42	QP	100	17
10	225.80	45.77	-14.73	31.04	46.00	-14.96	Peak	100	16
11	250.00	53.18	-11.04	42.14	46.00	-3.86	QP	100	15

Notes:

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

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 6	Humidity	: 67 %
Modulation Type	: 802.11 Turbo G	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 1	Rate	: 108 Mbps



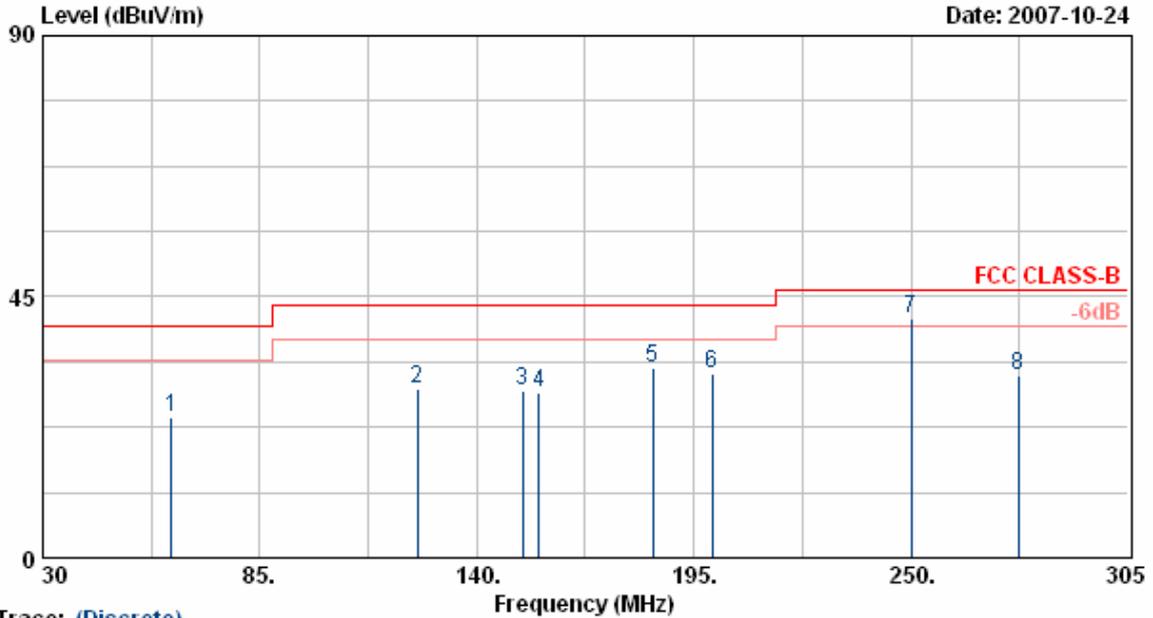
Trace: (Discrete)

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	376.30	45.99	-9.67	36.32	46.00	-9.68	Peak	100	355
2	462.40	46.15	-6.57	39.58	46.00	-6.42	Peak	100	360
3	500.90	45.66	-4.71	40.95	46.00	-5.05	QP	100	360
4	624.83	47.93	-5.38	42.55	46.00	-3.45	QP	100	358
5	752.90	45.93	-3.25	42.68	46.00	-3.32	QP	100	349
6	924.40	38.76	3.16	41.92	46.00	-4.08	QP	100	267

Notes:

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

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 6	Humidity	: 67 %
Modulation Type	: 802.11 Turbo G	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 1	Rate	: 108 Mbps



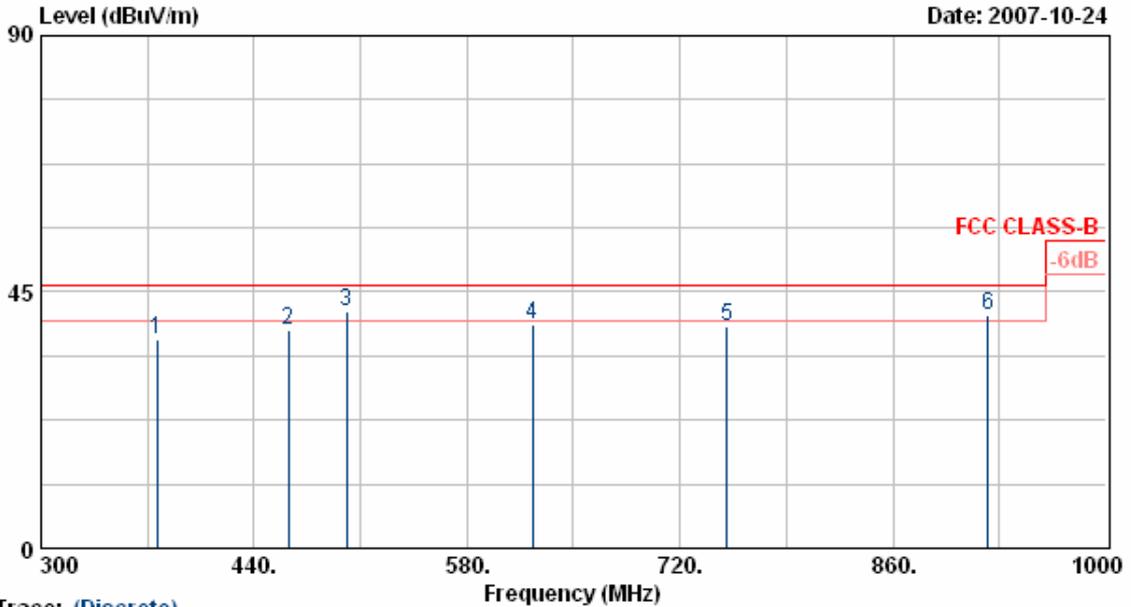
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	62.73	52.20	-27.86	24.34	40.00	-15.66	Peak	400	35
2	125.00	49.33	-20.04	29.29	43.50	-14.21	Peak	400	33
3	151.55	48.12	-19.23	28.90	43.50	-14.60	Peak	400	38
4	155.65	47.62	-19.04	28.57	43.50	-14.93	Peak	400	33
5	184.55	54.06	-21.37	32.69	43.50	-10.81	Peak	400	39
6	199.68	50.81	-19.04	31.77	43.50	-11.73	Peak	400	94
7	250.01	56.92	-15.68	41.24	46.00	-4.76	QP	400	32
8	277.23	45.17	-13.59	31.58	46.00	-14.42	Peak	400	30

Notes:

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

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 1	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 6	Humidity	: 67 %
Modulation Type	: 802.11 Turbo G	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 1	Rate	: 108 Mbps



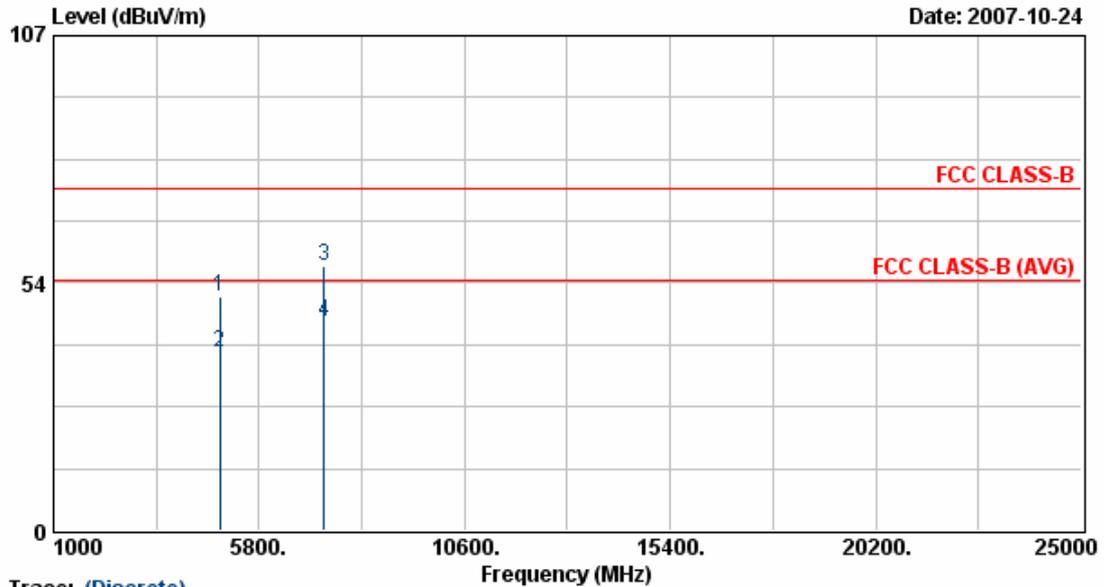
Trace: (Discrete)

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	376.30	47.16	-10.46	36.70	46.00	-9.30	Peak	100	264
2	462.40	45.77	-7.63	38.14	46.00	-7.86	Peak	400	266
3	500.90	48.16	-6.57	41.58	46.00	-4.42	QP	100	360
4	623.40	43.98	-4.80	39.18	46.00	-6.82	Peak	100	259
5	750.80	44.11	-5.20	38.91	46.00	-7.09	Peak	100	266
6	922.30	38.15	2.78	40.93	46.00	-5.07	QP	100	261

Notes:

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

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 1	: Transmit / Receive	Temperature	: 26 °C
Operation Channel	: 6	Humidity	: 70 %
Modulation Type	: 802.11 Turbo G	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 1	Rate	: 108 Mbps



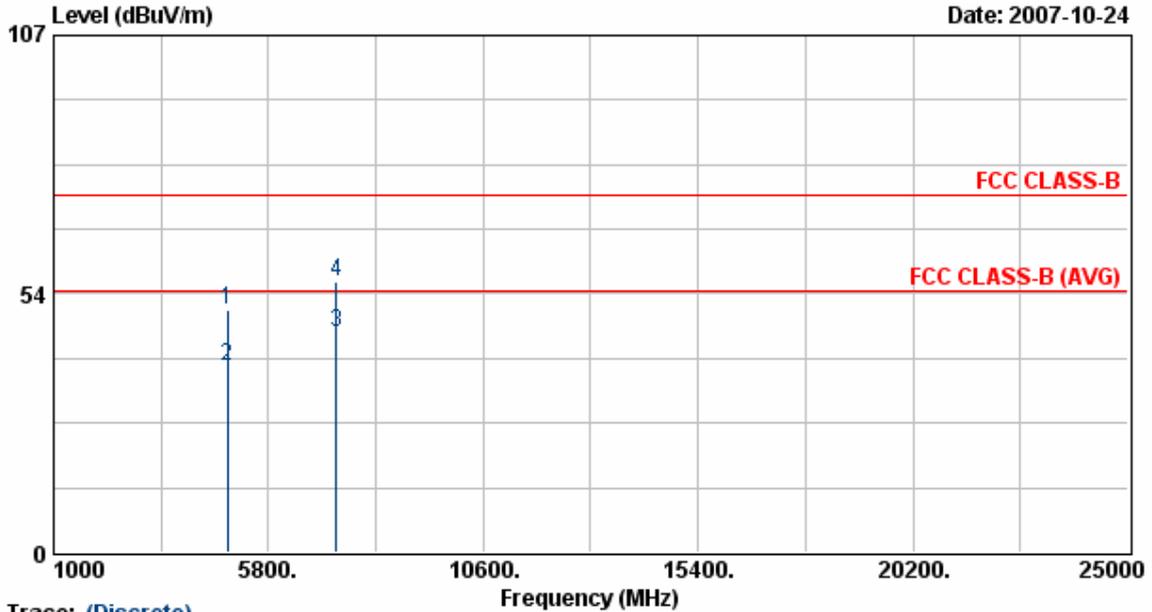
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.25	41.67	8.78	50.45	74.00	-23.55	Peak	138	192
2	4874.25	29.74	8.78	38.52	54.00	-15.48	Average	138	192
3	7311.00	42.75	14.60	57.35	74.00	-16.65	Peak	138	192
4	7311.00	30.47	14.60	45.06	54.00	-8.94	Average	138	192

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 6	Humidity	: 70 %
Modulation Type	: 802.11 Turbo G	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 1	Rate	: 108 Mbps



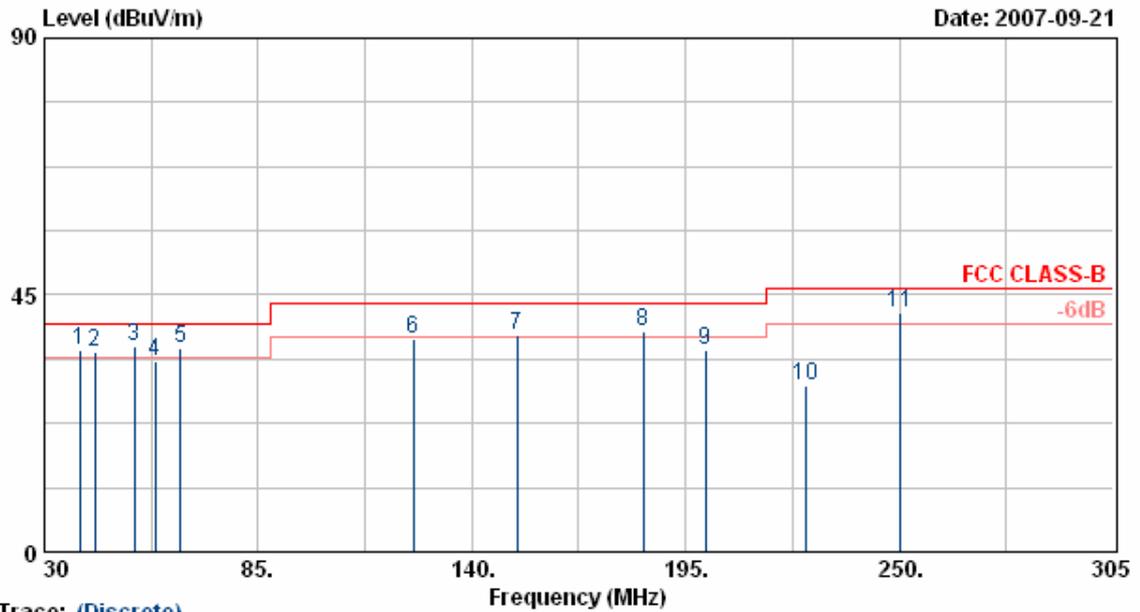
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.63	41.33	8.78	50.12	74.00	-23.88	Peak	133	165
2	4873.63	29.87	8.78	38.66	54.00	-15.34	Average	133	165
3	7309.88	30.77	14.59	45.36	54.00	-8.64	Average	133	165
4	7309.88	41.46	14.59	56.05	74.00	-17.95	Peak	133	165

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 30 °C
Operation Channel	: 1	Humidity	: 67 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2	Rate	: 54 Mbps



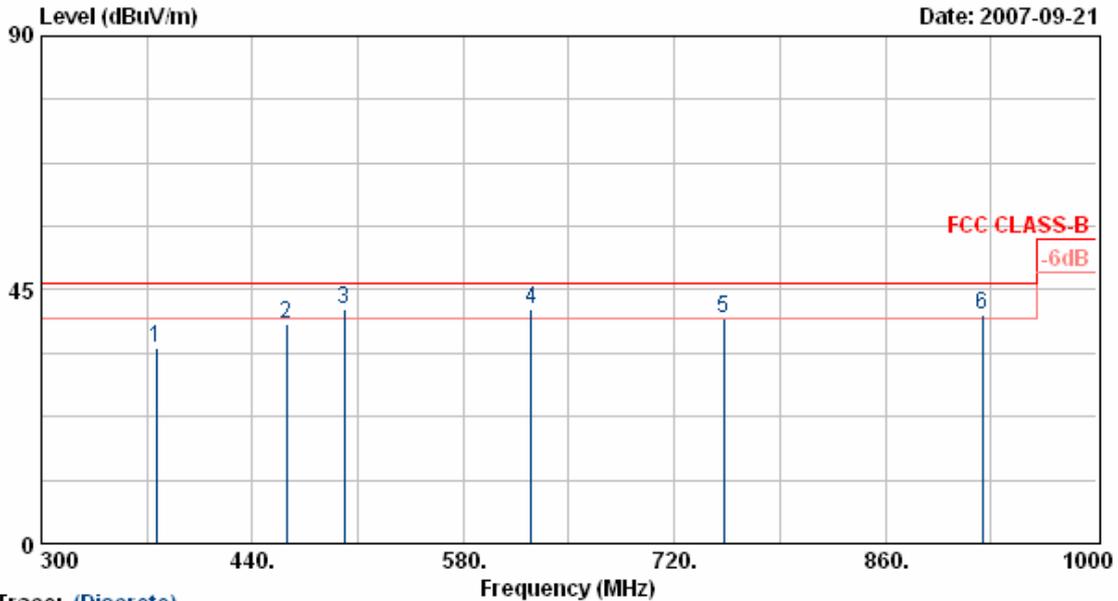
Trace: (Discrete)

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	39.08	49.92	-14.58	35.34	40.00	-4.66	QP	300	66
2	42.95	50.87	-15.94	34.93	40.00	-5.07	QP	100	64
3	53.10	55.41	-19.52	35.89	40.00	-4.11	QP	100	72
4	58.60	51.26	-17.85	33.41	40.00	-6.59	Peak	100	65
5	64.93	58.32	-22.74	35.58	40.00	-4.42	QP	100	69
6	124.99	48.55	-11.29	37.26	43.50	-6.24	Peak	100	71
7	151.55	50.66	-12.85	37.81	43.50	-5.69	QP	100	66
8	184.00	50.22	-11.49	38.73	43.50	-4.77	QP	100	72
9	200.23	48.26	-12.76	35.50	43.50	-8.00	Peak	100	77
10	225.80	43.75	-14.73	29.02	46.00	-16.98	Peak	100	68
11	250.00	52.77	-11.04	41.73	46.00	-4.27	QP	100	69

Notes:

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

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 2	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 1	Humidity	: 67 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2	Rate	: 54 Mbps



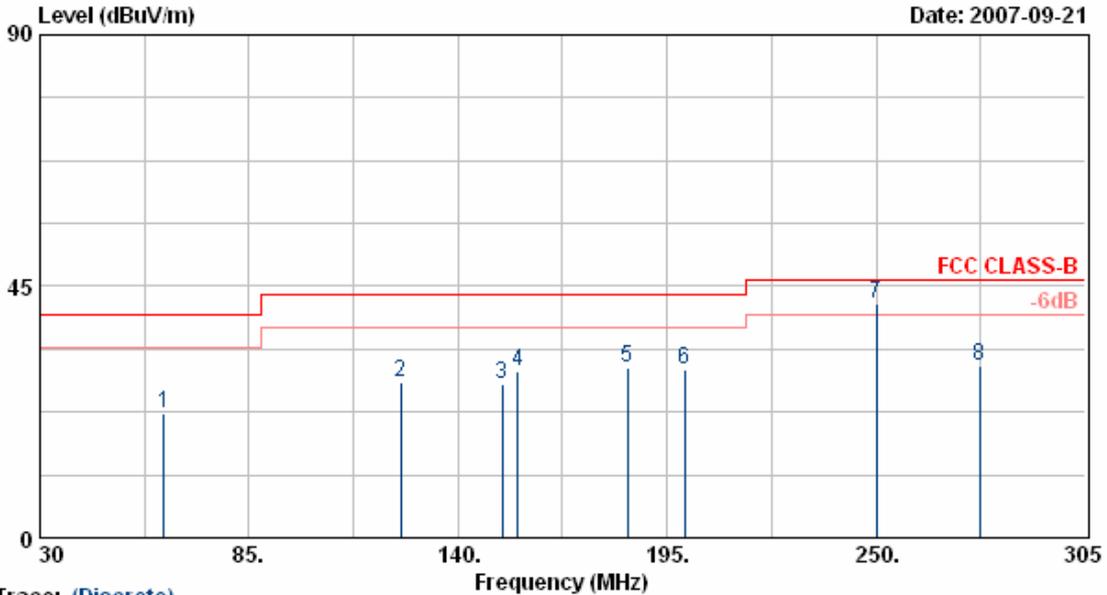
Trace: (Discrete)

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	376.30	44.22	-9.67	34.55	46.00	-11.45	Peak	100	358
2	462.40	45.62	-6.57	39.05	46.00	-6.95	Peak	100	333
3	500.90	46.20	-4.71	41.48	46.00	-4.52	QP	100	340
4	624.83	47.00	-5.38	41.62	46.00	-4.38	QP	100	360
5	752.90	43.12	-3.25	39.87	46.00	-6.13	Peak	100	355
6	924.40	37.45	3.16	40.61	46.00	-5.39	QP	100	360

Notes:

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

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 2	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 1	Humidity	: 67 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2	Rate	: 54 Mbps



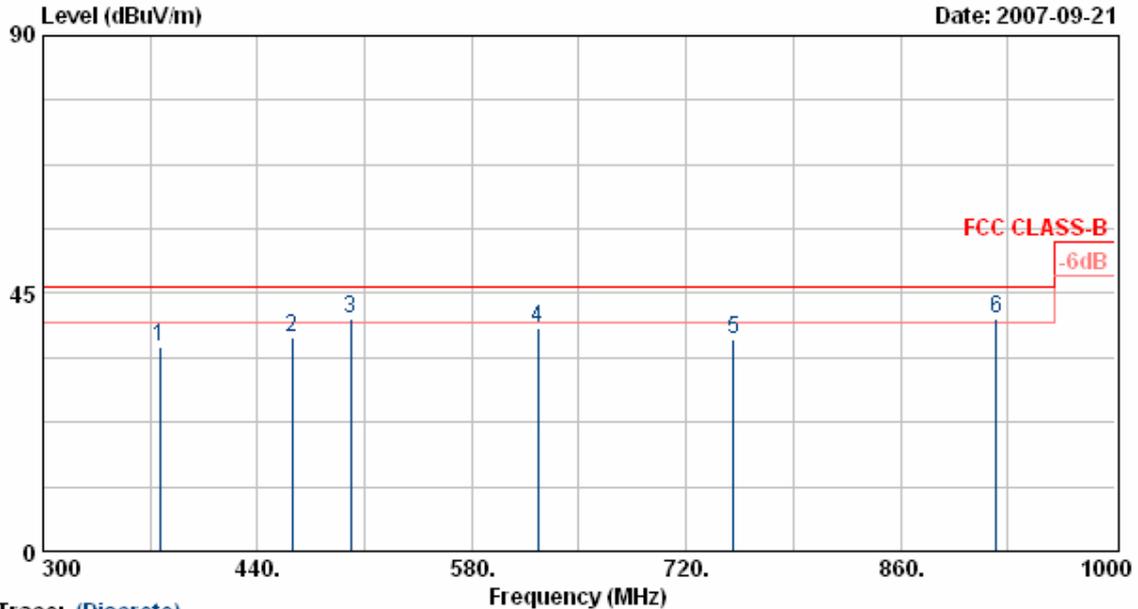
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	62.73	50.18	-27.86	22.32	40.00	-17.68	Peak	400	44
2	125.00	47.92	-20.04	27.88	43.50	-15.62	Peak	400	46
3	151.55	46.75	-19.23	27.52	43.50	-15.98	Peak	400	40
4	155.65	48.91	-19.04	29.87	43.50	-13.63	Peak	400	44
5	184.55	51.66	-21.37	30.29	43.50	-13.21	Peak	400	45
6	199.68	49.31	-19.04	30.27	43.50	-13.23	Peak	400	42
7	250.01	57.62	-15.68	41.94	46.00	-4.06	QP	400	42
8	277.23	44.21	-13.59	30.62	46.00	-15.38	Peak	400	48

Notes:

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

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 2	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 1	Humidity	: 67 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2	Rate	: 54 Mbps



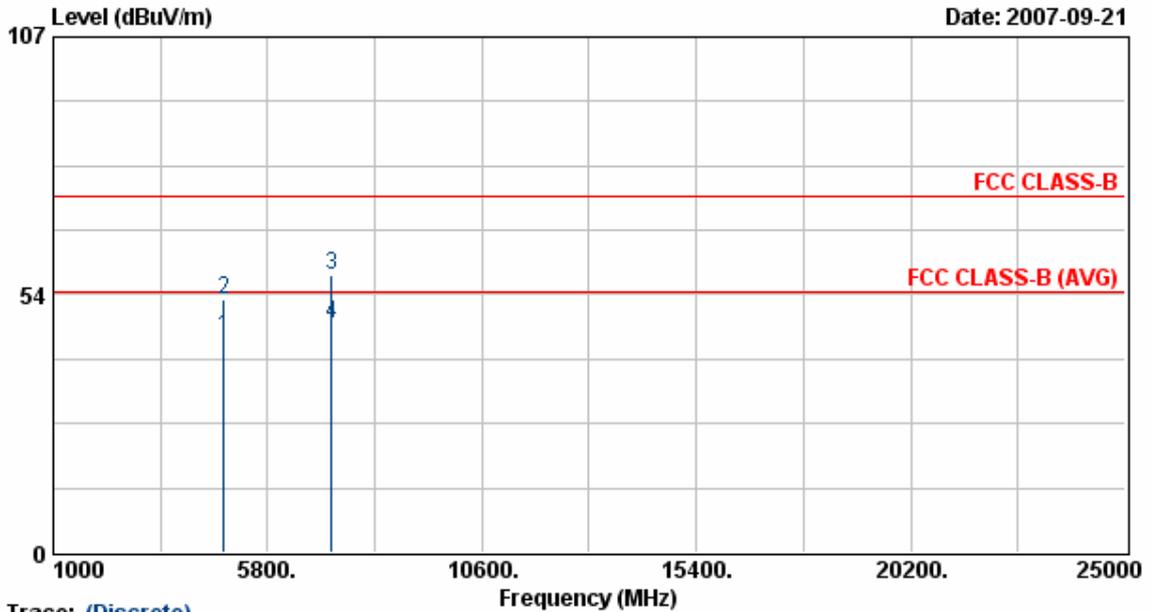
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	376.30	46.21	-10.46	35.75	46.00	-10.25	Peak	100	277
2	462.40	45.02	-7.63	37.39	46.00	-8.61	Peak	400	285
3	500.90	47.21	-6.57	40.64	46.00	-5.36	QP	100	289
4	623.40	43.77	-4.80	38.97	46.00	-7.03	Peak	100	282
5	750.80	42.18	-5.20	36.98	46.00	-9.02	Peak	100	287
6	922.30	37.96	2.78	40.74	46.00	-5.26	QP	100	279

Notes:

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

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 2	: Transmit / Receive	Temperature	: 26 °C
Operation Channel	: 1	Humidity	: 70 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2	Rate	: 11 Mbps



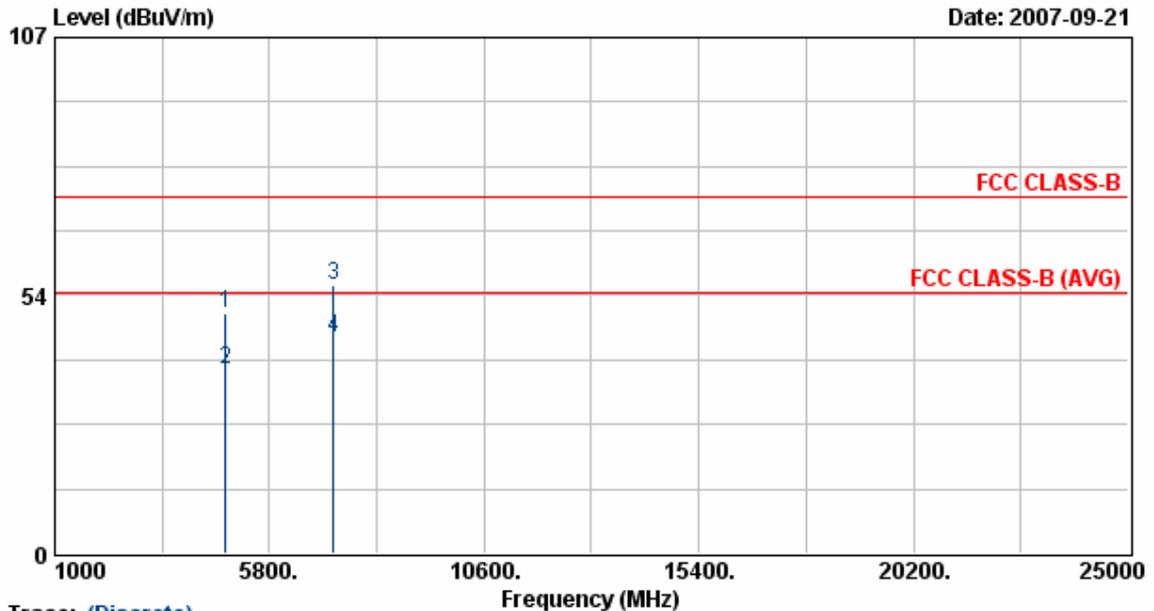
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.00	36.04	8.64	44.68	54.00	-9.32	Average	133	213
2	4824.00	43.84	8.64	52.48	74.00	-21.52	Peak	133	213
3	7235.38	43.33	14.35	57.68	74.00	-16.32	Peak	133	213
4	7235.38	32.96	14.35	47.31	54.00	-6.69	Average	133	213

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 1	Humidity	: 70 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2	Rate	: 11 Mbps



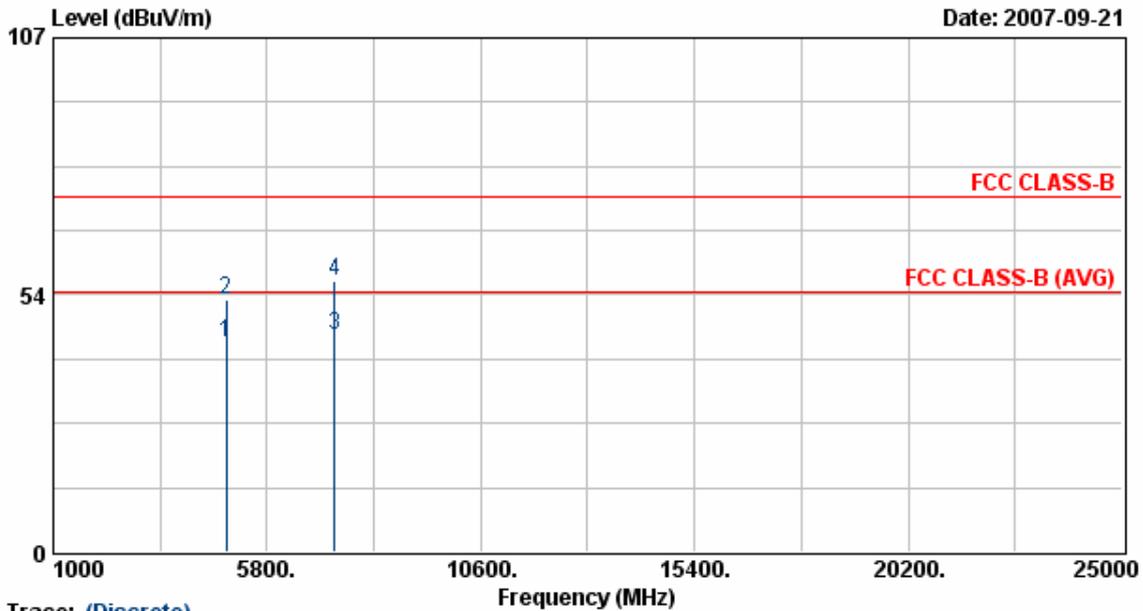
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4824.00	40.97	8.64	49.61	74.00	-24.39	Peak	100	85
2	4824.00	29.68	8.64	38.32	54.00	-15.68	Average	100	85
3	7236.13	41.46	14.36	55.81	74.00	-18.19	Peak	100	85
4	7236.13	30.23	14.36	44.58	54.00	-9.42	Average	100	85

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 6	Humidity	: 70 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2	Rate	: 11 Mbps



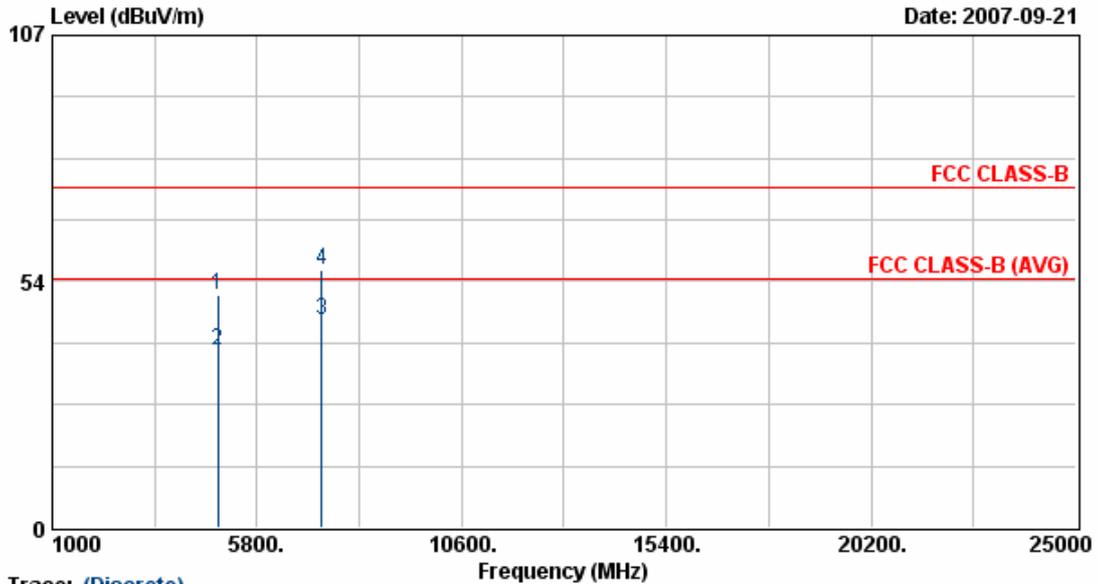
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.88	34.92	8.78	43.70	54.00	-10.30	Average	133	213
2	4873.88	43.56	8.78	52.34	74.00	-21.66	Peak	133	213
3	7310.75	30.36	14.60	44.96	54.00	-9.04	Average	133	213
4	7310.75	41.78	14.60	56.37	74.00	-17.63	Peak	133	213

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 6	Humidity	: 70 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2	Rate	: 11 Mbps



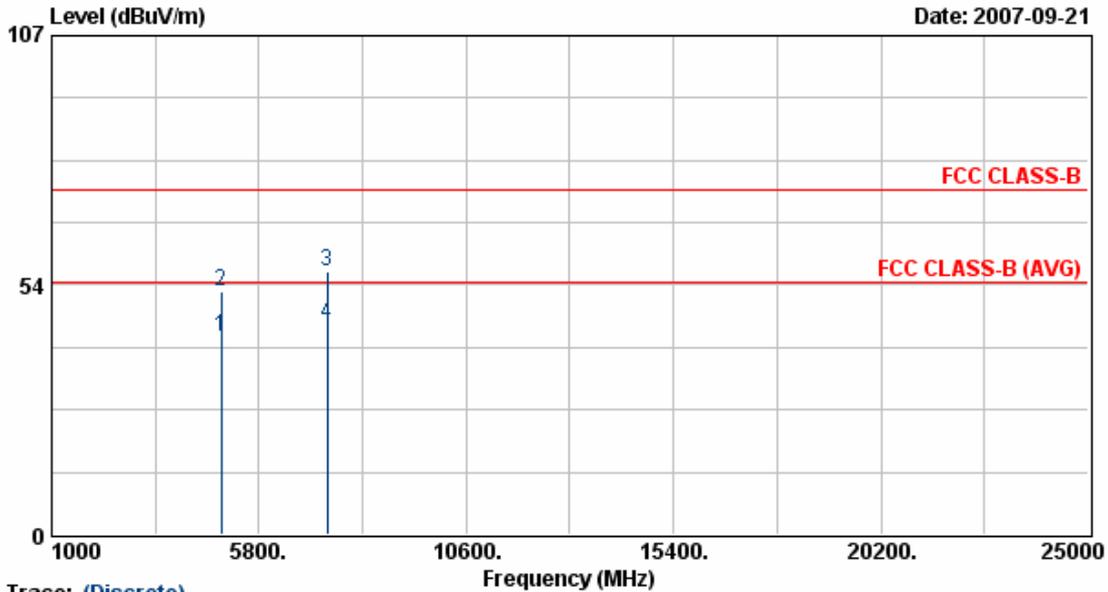
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.00	41.66	8.78	50.45	74.00	-23.55	Peak	100	85
2	4874.00	29.79	8.78	38.57	54.00	-15.43	Average	100	85
3	7310.88	30.35	14.60	44.94	54.00	-9.06	Average	100	85
4	7310.88	41.43	14.60	56.02	74.00	-17.98	Peak	100	85

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 11	Humidity	: 70 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2	Rate	: 11 Mbps



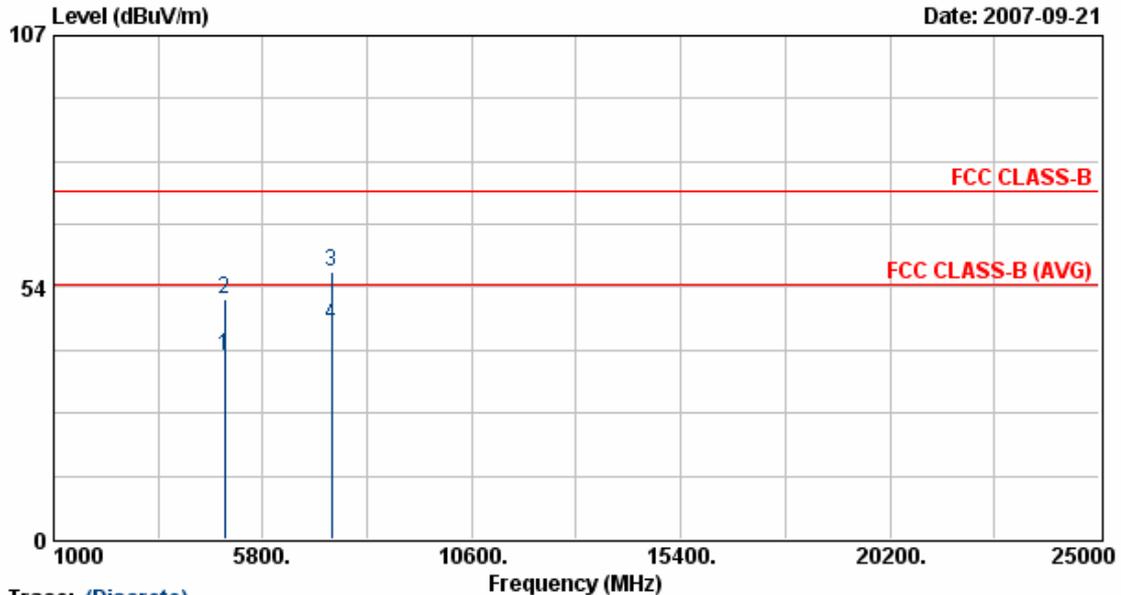
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.88	33.46	8.92	42.38	54.00	-11.62	Average	133	213
2	4923.88	43.25	8.92	52.17	74.00	-21.83	Peak	133	213
3	7386.00	41.57	14.84	56.41	74.00	-17.59	Peak	133	213
4	7386.00	30.30	14.84	45.14	54.00	-8.86	Average	133	213

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 11	Humidity	: 70 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2	Rate	: 11 Mbps



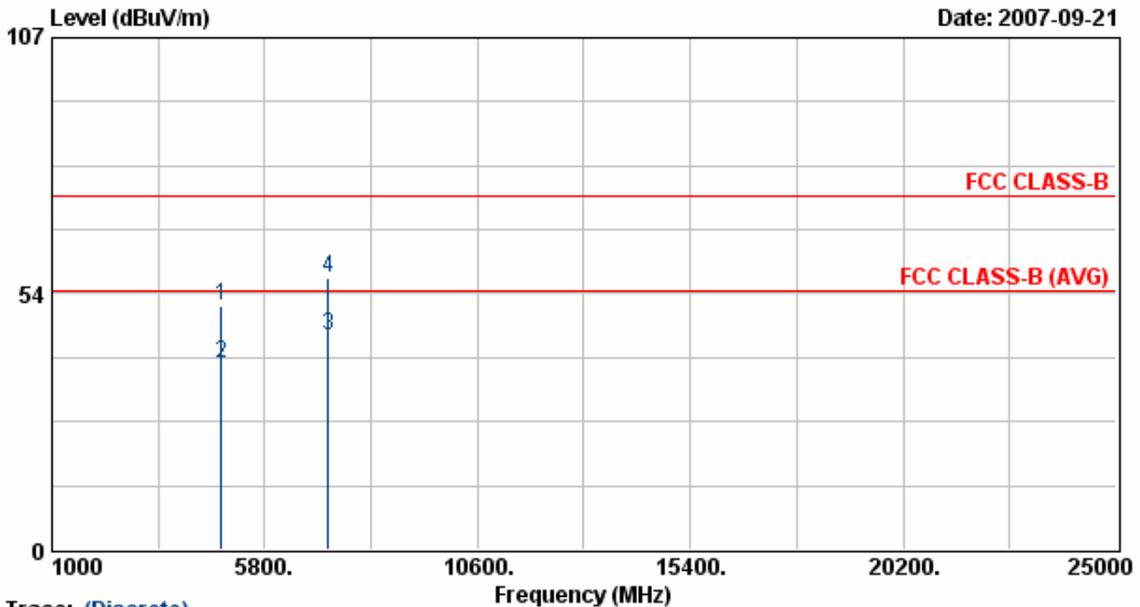
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.88	29.91	8.92	38.83	54.00	-15.17	Average	100	85
2	4923.88	42.00	8.92	50.92	74.00	-23.08	Peak	100	85
3	7386.00	42.00	14.84	56.84	74.00	-17.16	Peak	100	85
4	7386.00	30.78	14.84	45.62	54.00	-8.38	Average	100	85

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 1	Humidity	: 70 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2	Rate	: 54 Mbps



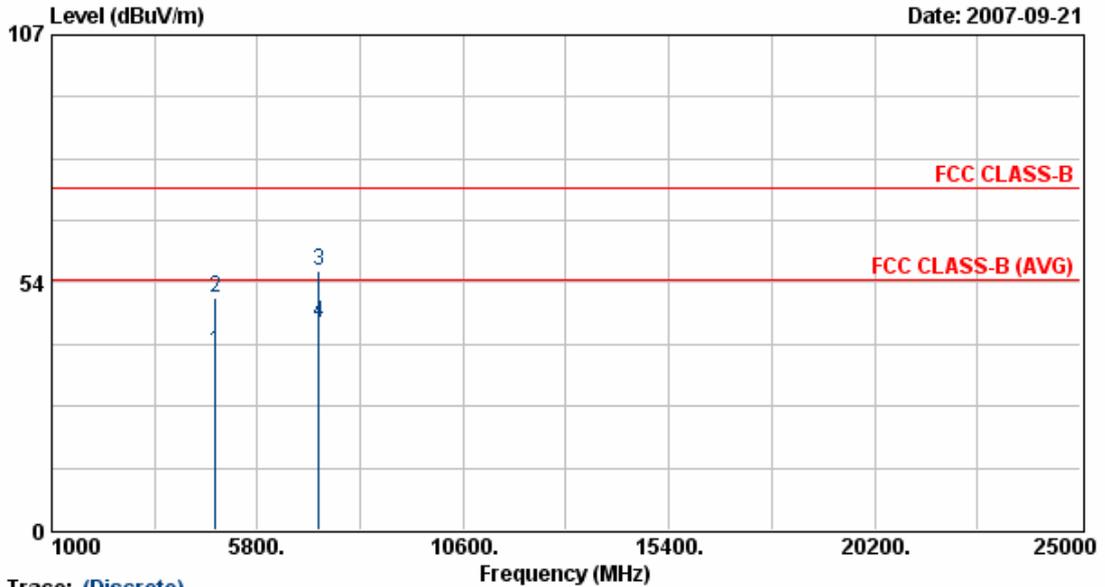
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.75	42.37	8.64	51.01	74.00	-22.99	Peak	133	213
2	4823.75	30.24	8.64	38.88	54.00	-15.12	Average	133	213
3	7235.88	30.58	14.35	44.93	54.00	-9.07	Average	133	213
4	7235.88	42.38	14.35	56.74	74.00	-17.26	Peak	133	213

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 1	Humidity	: 70 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2	Rate	: 54 Mbps

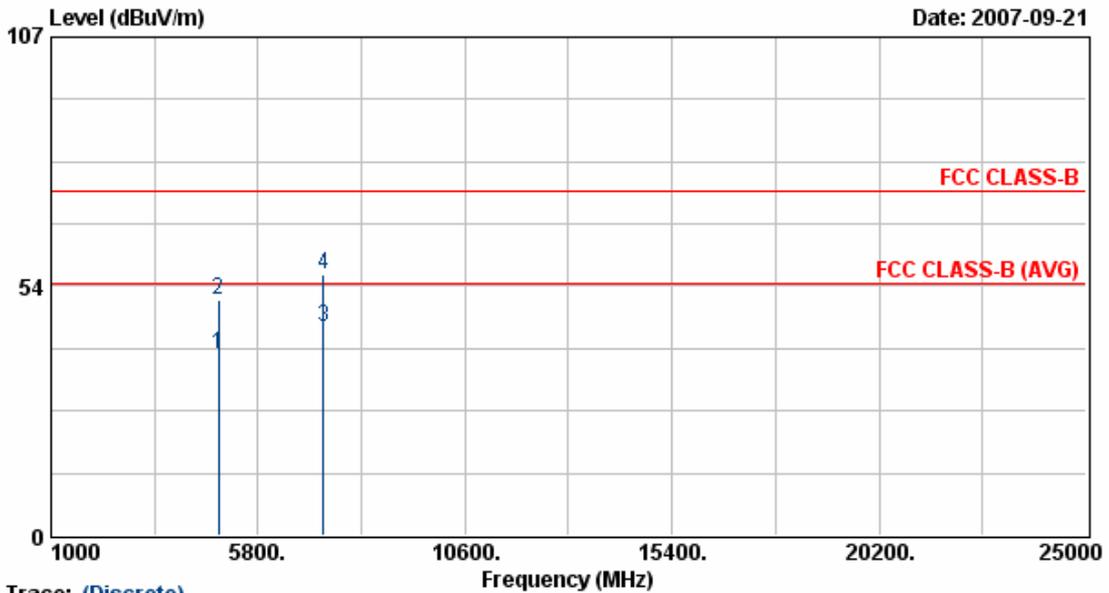


Trace: (Discrete)									
Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.63	29.73	8.64	38.37	54.00	-15.63	Average	100	85
2	4823.63	41.70	8.64	50.33	74.00	-23.67	Peak	100	85
3	7235.88	41.54	14.35	55.89	74.00	-18.11	Peak	100	85
4	7235.88	30.23	14.35	44.58	54.00	-9.42	Average	100	85

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 6	Humidity	: 70 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2	Rate	: 54 Mbps



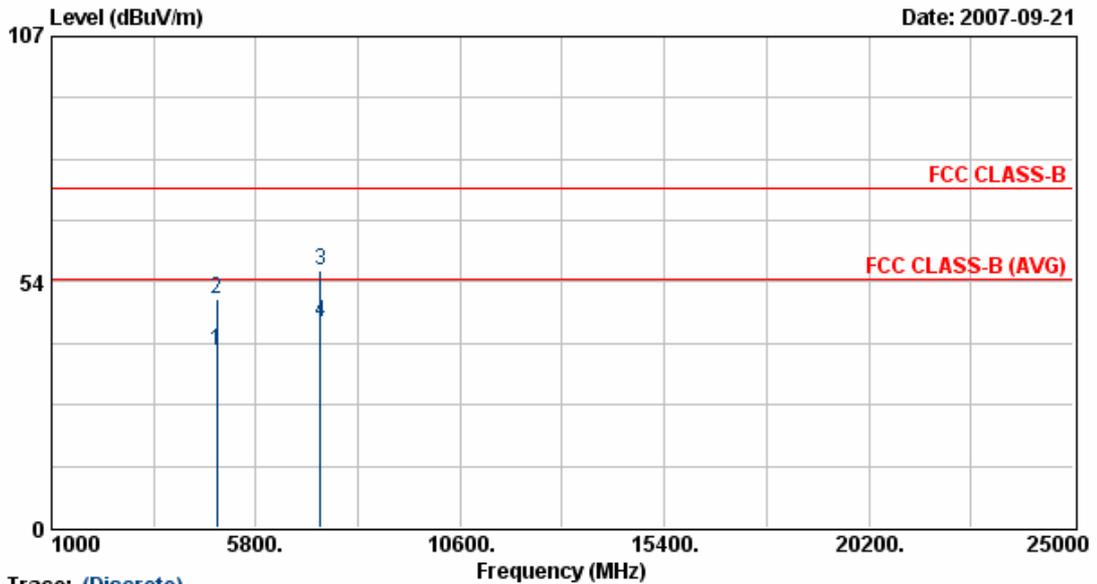
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.63	30.14	8.78	38.92	54.00	-15.08	Average	133	213
2	4873.63	41.74	8.78	50.52	74.00	-23.48	Peak	133	213
3	7310.88	30.34	14.60	44.93	54.00	-9.07	Average	133	213
4	7310.88	41.57	14.60	56.16	74.00	-17.84	Peak	133	213

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 6	Humidity	: 70 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2	Rate	: 54 Mbps



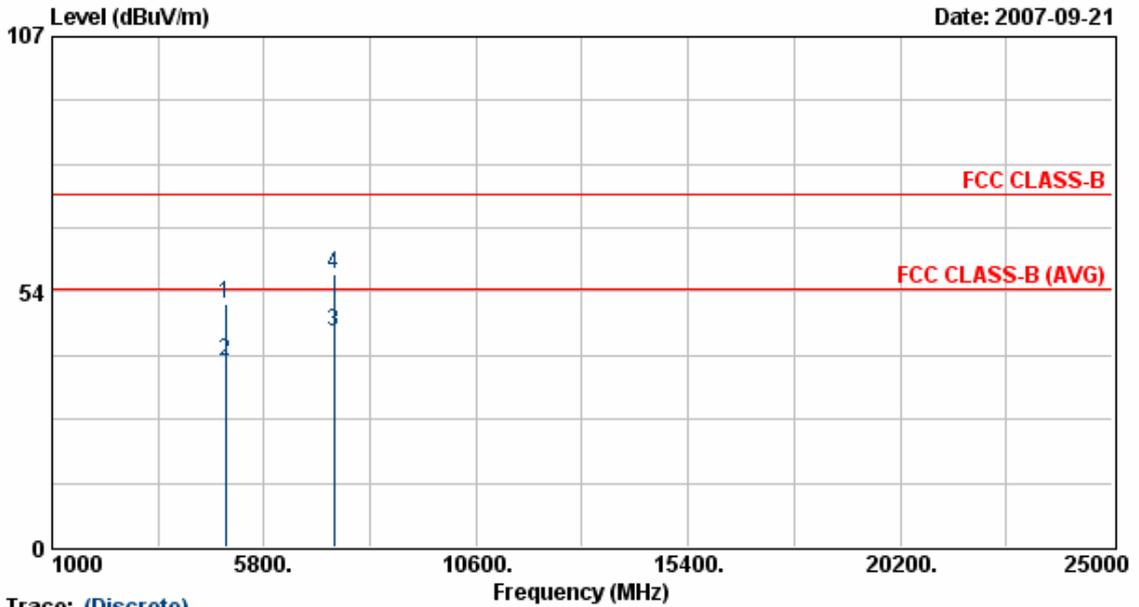
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.75	29.61	8.78	38.39	54.00	-15.61	Average	100	85
2	4873.75	41.08	8.78	49.86	74.00	-24.14	Peak	100	85
3	7311.63	41.45	14.60	56.05	74.00	-17.95	Peak	100	85
4	7311.63	30.20	14.60	44.80	54.00	-9.20	Average	100	85

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 11	Humidity	: 70 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2	Rate	: 54 Mbps



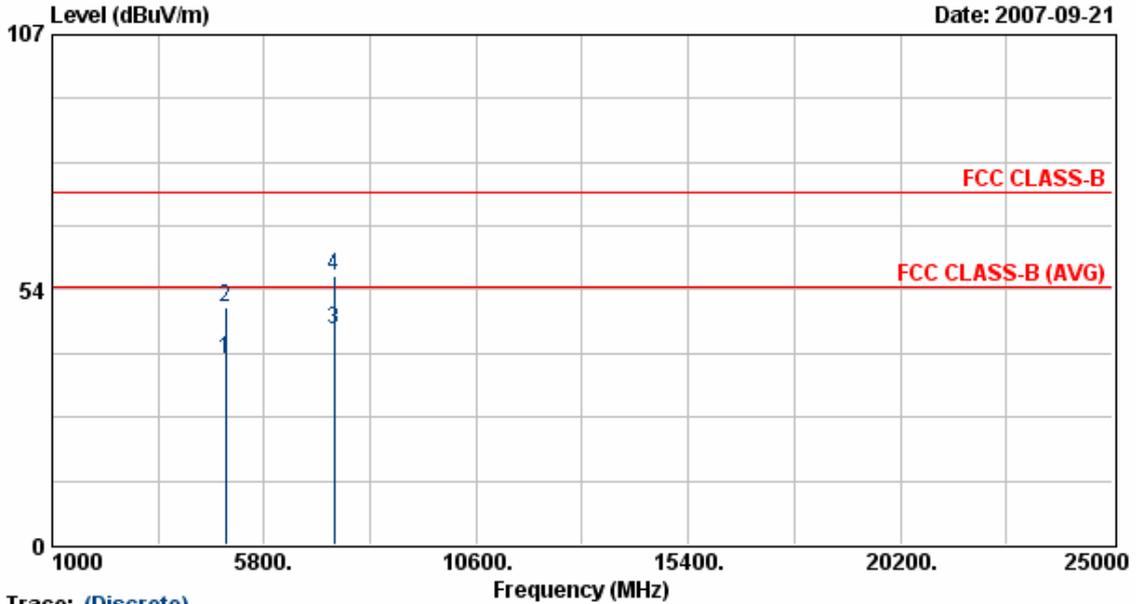
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.38	41.86	8.92	50.78	74.00	-23.22	Peak	133	213
2	4923.38	29.92	8.92	38.84	54.00	-15.16	Average	133	213
3	7386.63	30.40	14.84	45.25	54.00	-8.75	Average	133	213
4	7386.63	42.20	14.84	57.04	74.00	-16.96	Peak	133	213

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 11	Humidity	: 70 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2	Rate	: 54 Mbps



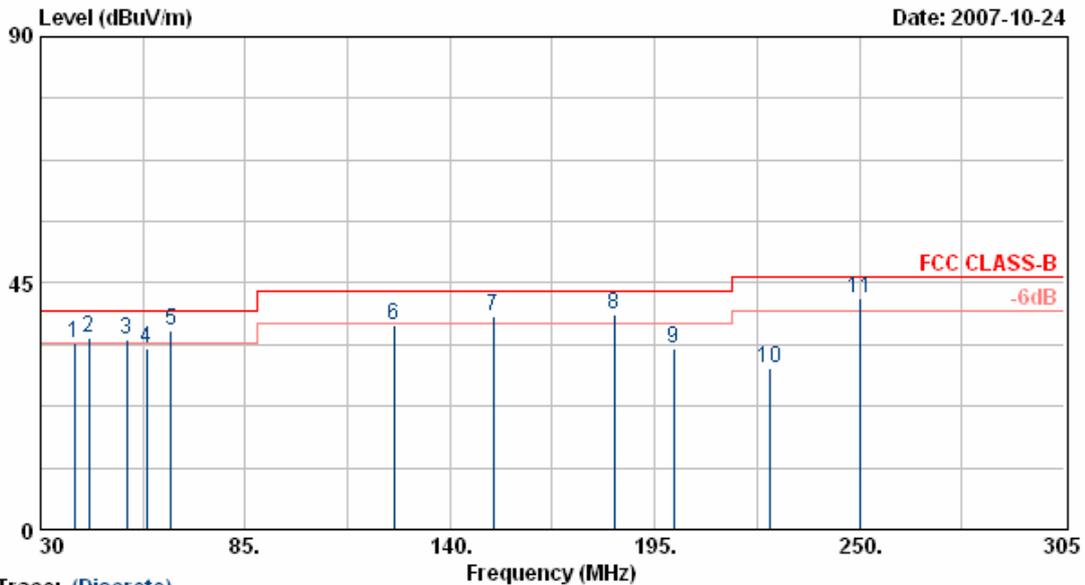
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.50	29.89	8.92	38.81	54.00	-15.19	Average	100	85
2	4923.50	40.87	8.92	49.79	74.00	-24.21	Peak	100	85
3	7385.63	30.17	14.84	45.01	54.00	-8.99	Average	100	85
4	7385.63	41.48	14.84	56.32	74.00	-17.68	Peak	100	85

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 30 °C
Operation Channel	: 6	Humidity	: 67 %
Modulation Type	: 802.11 Turbo G	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1antenna 2	Rate	: 108 Mbps



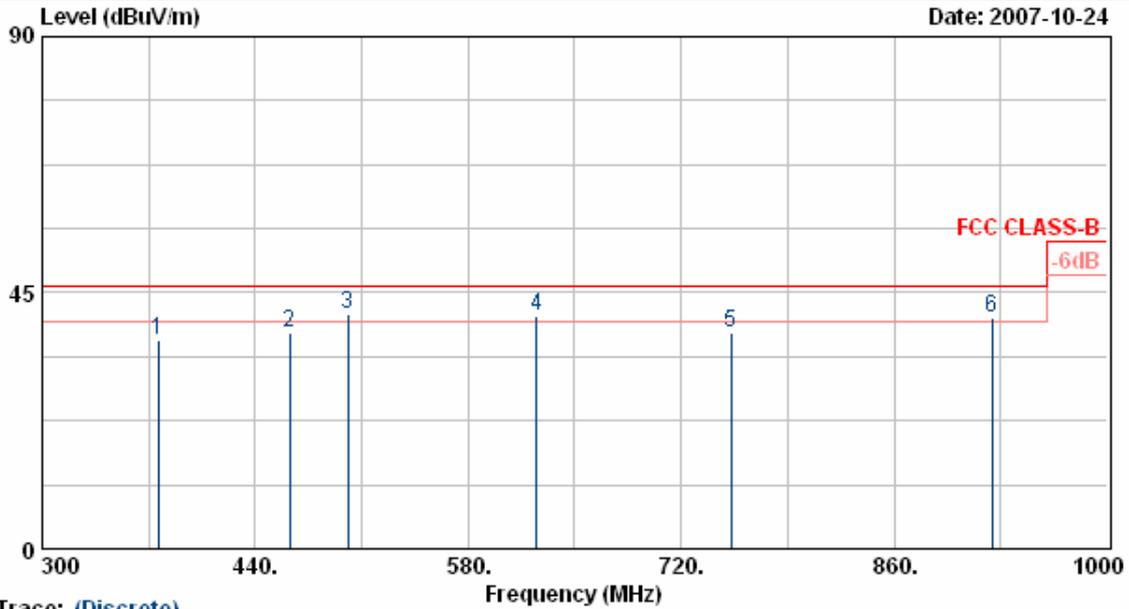
Trace: (Discrete)

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	39.08	48.77	-14.58	34.19	40.00	-5.81	QP	300	66
2	42.95	50.94	-15.94	35.00	40.00	-5.00	QP	100	64
3	53.10	54.31	-19.52	34.79	40.00	-5.21	QP	100	72
4	58.60	50.76	-17.85	32.91	40.00	-7.09	Peak	100	65
5	64.93	59.11	-22.74	36.37	40.00	-3.63	QP	100	69
6	124.99	48.55	-11.29	37.26	43.50	-6.24	Peak	100	71
7	151.55	51.68	-12.85	38.83	43.50	-4.67	QP	100	66
8	184.00	50.79	-11.49	39.30	43.50	-4.20	QP	100	72
9	200.23	45.76	-12.76	33.00	43.50	-10.50	Peak	100	77
10	225.80	44.31	-14.73	29.58	46.00	-16.42	Peak	100	68
11	250.00	53.17	-11.04	42.13	46.00	-3.87	QP	100	69

Notes:

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

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 2	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 6	Humidity	: 67 %
Modulation Type	: 802.11 Turbo G	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2	Rate	: 108 Mbps



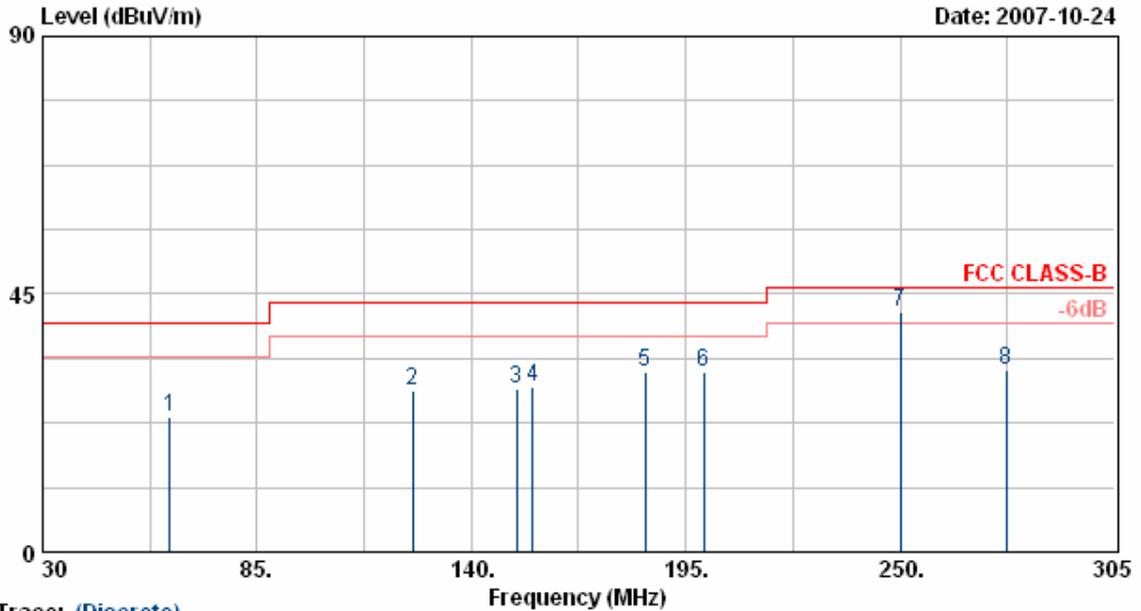
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	376.30	46.33	-9.67	36.66	46.00	-9.34	Peak	100	358
2	462.40	44.66	-6.57	38.09	46.00	-7.91	Peak	100	333
3	500.90	45.80	-4.71	41.09	46.00	-4.91	QP	100	340
4	624.83	46.44	-5.38	41.06	46.00	-4.94	QP	100	360
5	752.90	41.09	-3.25	37.83	46.00	-8.17	Peak	100	355
6	924.40	37.51	3.16	40.66	46.00	-5.34	QP	100	360

Notes:

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

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 2	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 6	Humidity	: 67 %
Modulation Type	: 802.11 Turbo G	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2	Rate	: 108 Mbps



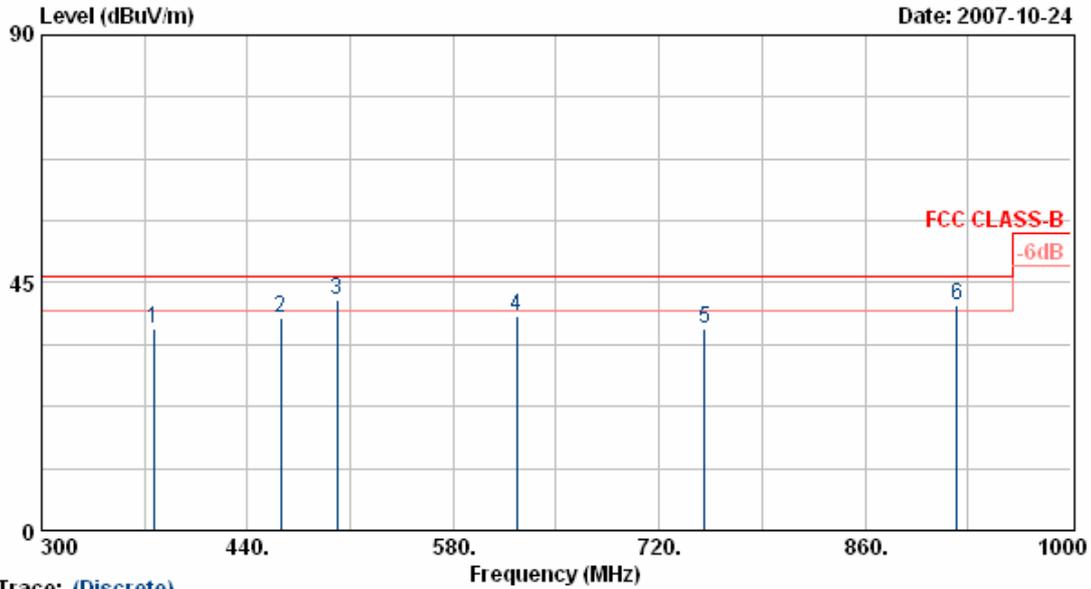
Trace: (Discrete)

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	62.73	51.26	-27.86	23.40	40.00	-16.60	Peak	400	44
2	125.00	48.03	-20.04	27.99	43.50	-15.51	Peak	400	46
3	151.55	47.85	-19.23	28.62	43.50	-14.88	Peak	400	40
4	155.65	47.80	-19.04	28.76	43.50	-14.74	Peak	400	44
5	184.55	52.77	-21.37	31.40	43.50	-12.10	Peak	400	45
6	199.68	50.42	-19.04	31.38	43.50	-12.12	Peak	400	42
7	250.01	57.73	-15.68	42.05	46.00	-3.95	QP	400	42
8	277.23	45.33	-13.59	31.74	46.00	-14.26	Peak	400	48

Notes:

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

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 2	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 6	Humidity	: 67 %
Modulation Type	: 802.11 Turbo G	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2	Rate	: 108 Mbps



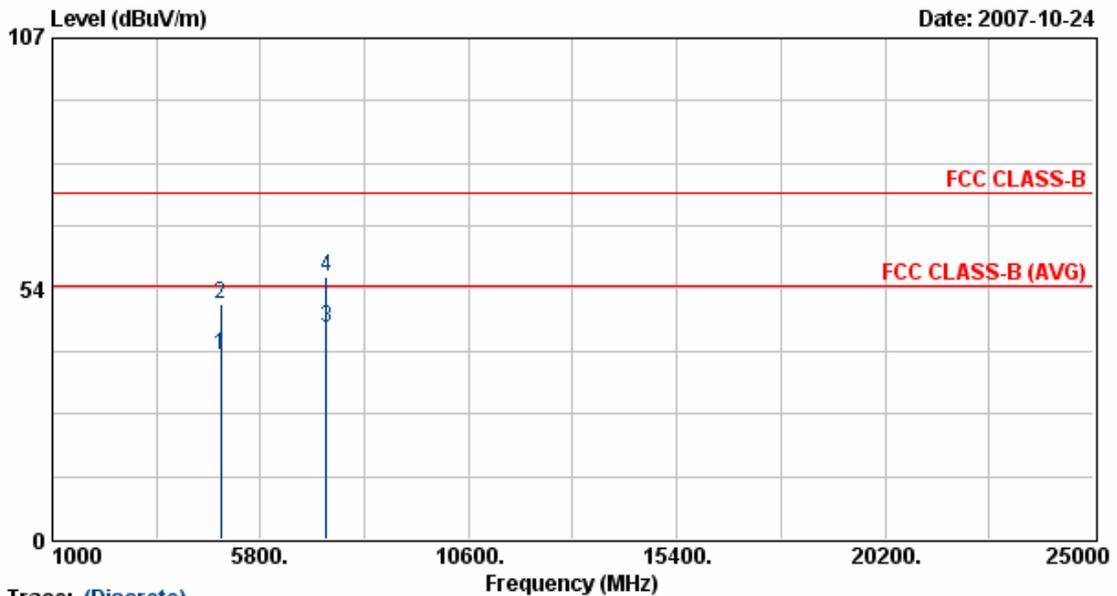
Trace: (Discrete)

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	376.30	47.12	-10.46	36.66	46.00	-9.34	Peak	100	277
2	462.40	46.11	-7.63	38.48	46.00	-7.52	Peak	400	285
3	500.90	48.33	-6.57	41.76	46.00	-4.24	QP	100	289
4	623.40	43.85	-4.80	39.05	46.00	-6.95	Peak	100	282
5	750.80	41.85	-5.20	36.65	46.00	-9.35	Peak	100	287
6	922.30	38.12	2.78	40.90	46.00	-5.10	QP	100	279

Notes:

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

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 2	: Transmit / Receive	Temperature	: 26 °C
Operation Channel	: 6	Humidity	: 70 %
Modulation Type	: 802.11 Turbo G	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2	Rate	: 108 Mbps



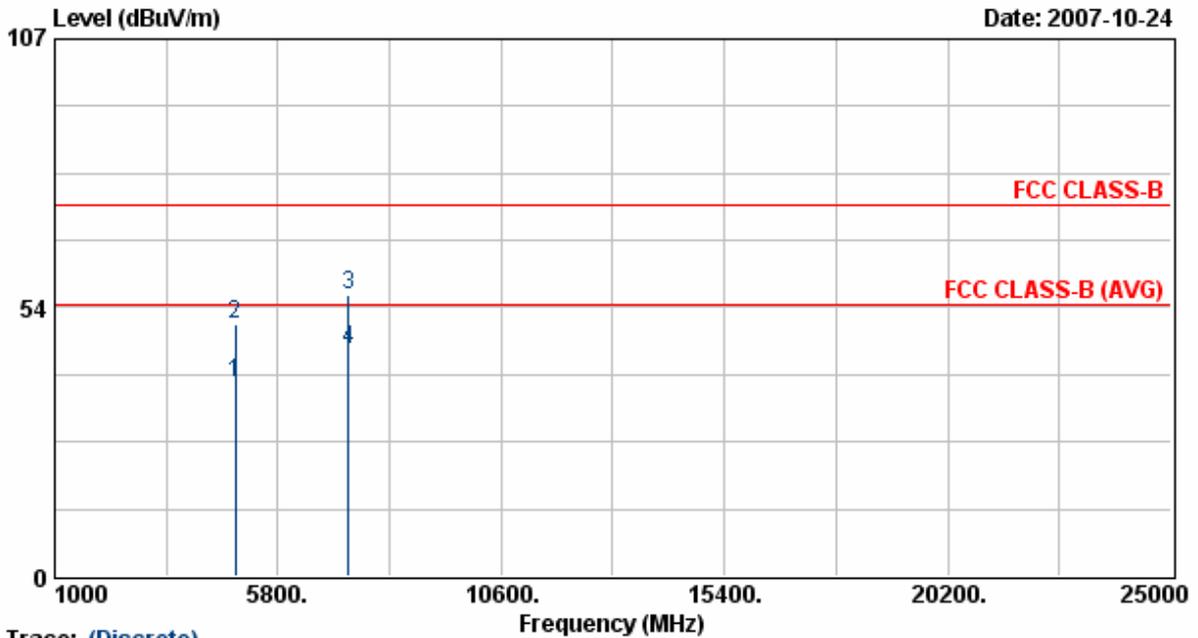
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.63	30.51	8.78	39.29	54.00	-14.71	Average	133	213
2	4873.63	41.47	8.78	50.25	74.00	-23.75	Peak	133	213
3	7310.88	30.43	14.60	45.03	54.00	-8.97	Average	133	213
4	7310.88	41.36	14.60	55.95	74.00	-18.05	Peak	133	213

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 6	Humidity	: 70 %
Modulation Type	: 802.11 Turbo G	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2	Rate	: 108 Mbps



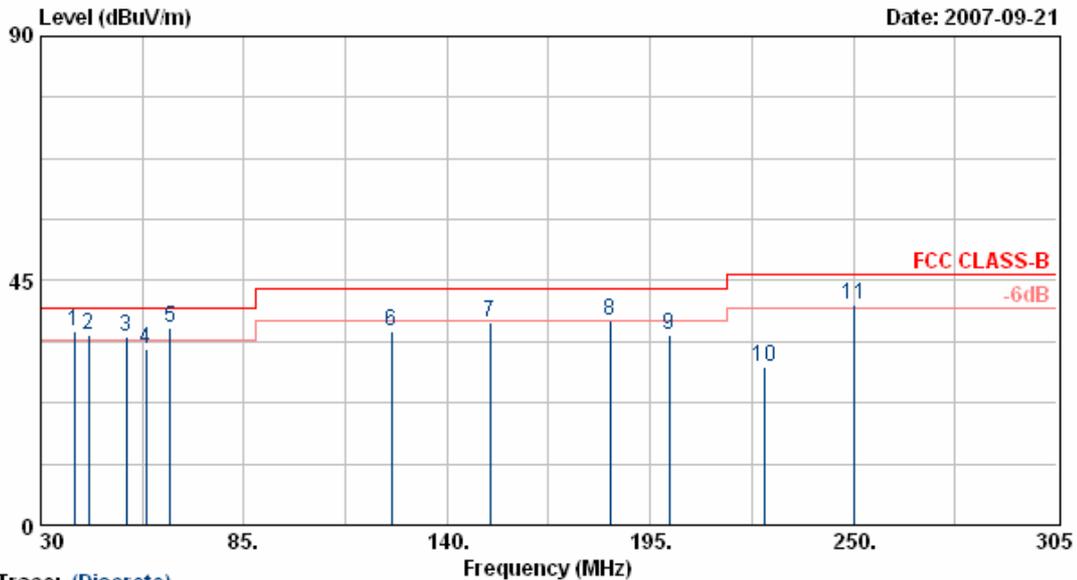
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.75	29.56	8.78	38.34	54.00	-15.66	Average	100	85
2	4873.75	41.31	8.78	50.09	74.00	-23.91	Peak	100	85
3	7311.63	41.35	14.60	55.94	74.00	-18.06	Peak	100	85
4	7311.63	30.52	14.60	45.12	54.00	-8.88	Average	100	85

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 30 °C
Operation Channel	: 1	Humidity	: 67 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+3	Rate	: 54 Mbps

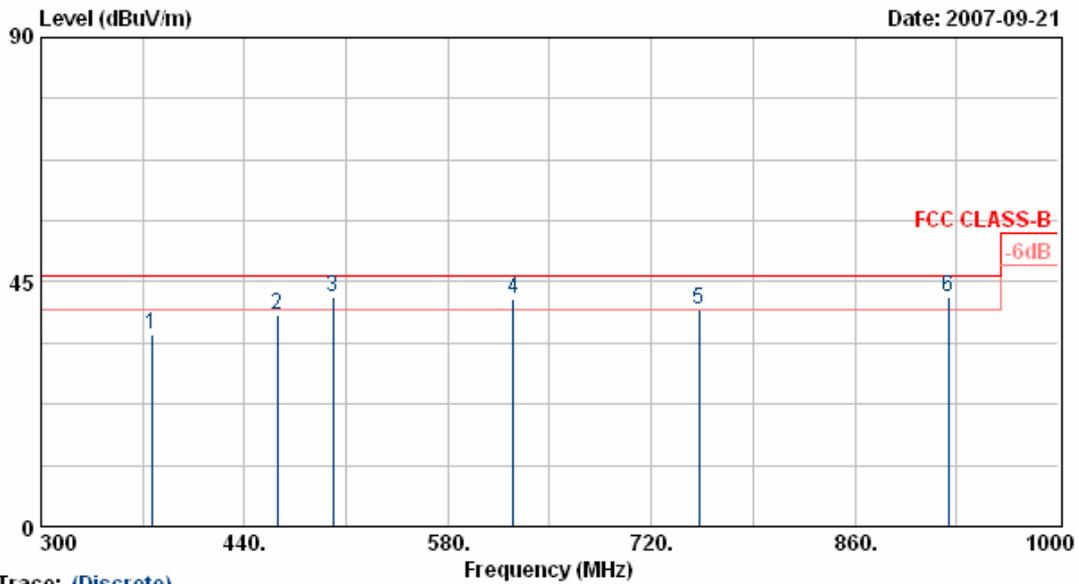


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	39.08	50.12	-14.58	35.54	40.00	-4.46	QP	300	76
2	42.95	51.12	-15.94	35.18	40.00	-4.82	QP	100	79
3	53.10	54.12	-19.52	34.61	40.00	-5.39	QP	100	77
4	58.60	50.12	-17.85	32.27	40.00	-7.73	Peak	100	69
5	64.93	59.12	-22.74	36.38	40.00	-3.62	QP	100	75
6	124.99	47.12	-11.29	35.83	43.50	-7.67	Peak	100	76
7	151.55	50.12	-12.85	37.27	43.50	-6.23	Peak	100	211
8	184.00	49.13	-11.49	37.64	43.50	-5.86	QP	100	75
9	200.23	47.92	-12.76	35.16	43.50	-8.34	Peak	100	77
10	225.80	43.98	-14.73	29.25	46.00	-16.75	Peak	100	74
11	250.00	51.67	-11.04	40.63	46.00	-5.37	QP	100	77

Notes:

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

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 3	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 1	Humidity	: 67 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+3	Rate	: 54 Mbps



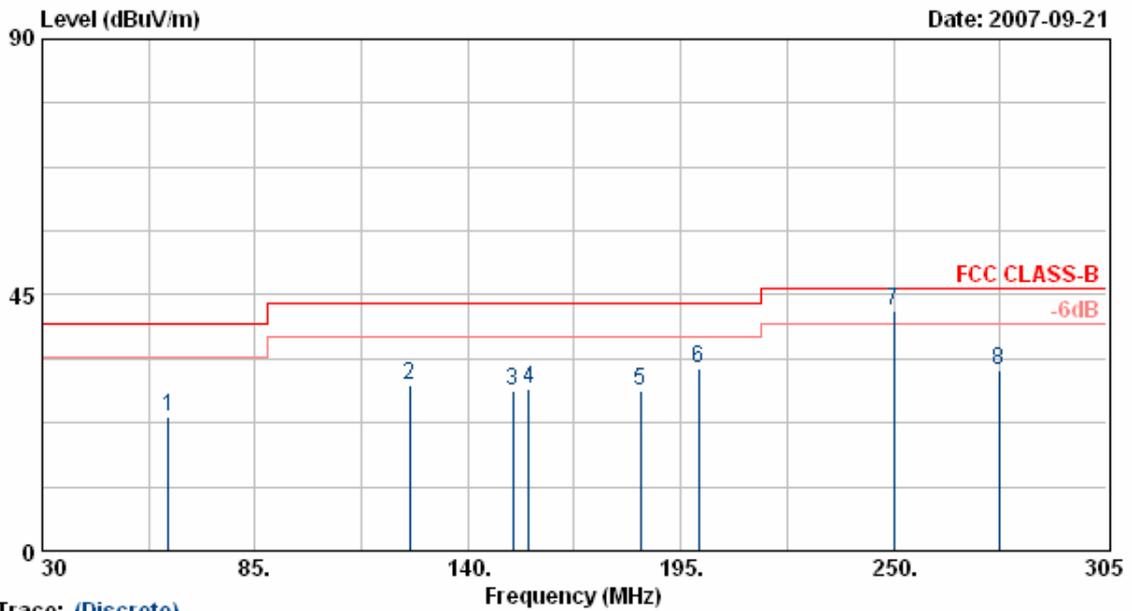
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	376.30	45.12	-9.67	35.45	46.00	-10.55	Peak	100	304
2	462.40	45.66	-6.57	39.09	46.00	-6.91	Peak	100	311
3	500.90	46.98	-4.71	42.27	46.00	-3.73	QP	100	309
4	624.83	47.11	-5.38	41.73	46.00	-4.27	QP	100	300
5	752.90	43.12	-3.25	39.87	46.00	-6.13	Peak	100	305
6	924.40	39.12	3.16	42.28	46.00	-3.72	QP	100	66

Notes:

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

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 3	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 1	Humidity	: 67 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+3	Rate	: 54 Mbps



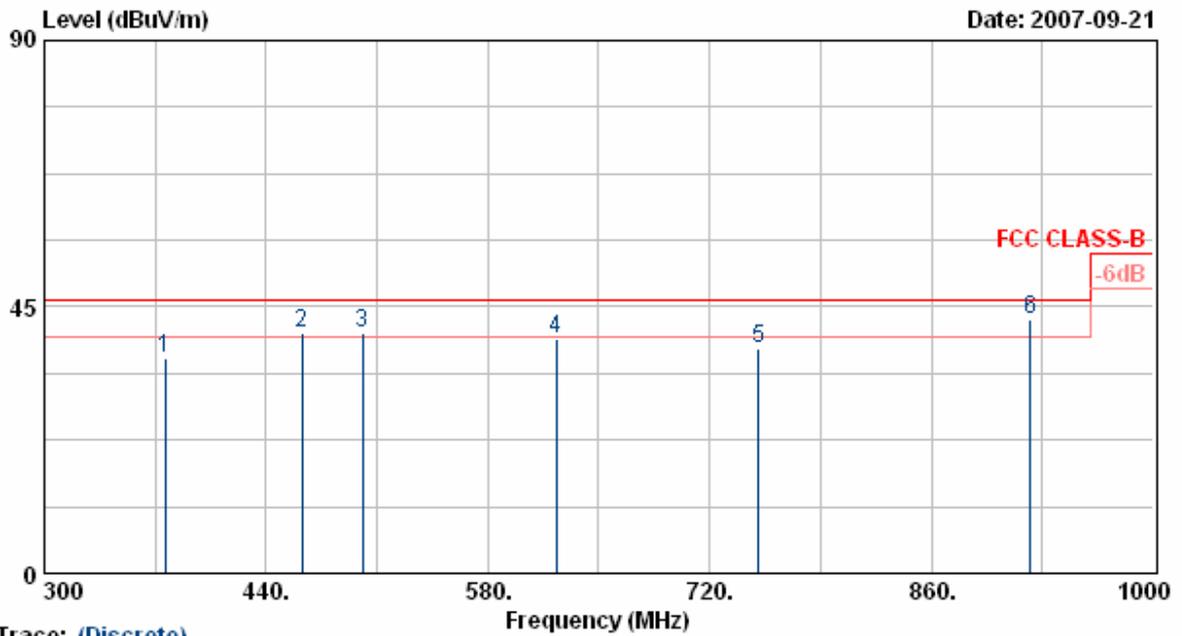
Trace: (Discrete)

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	62.73	51.44	-27.86	23.58	40.00	-16.42	Peak	400	63
2	125.00	49.12	-20.04	29.08	43.50	-14.42	Peak	400	59
3	151.55	47.33	-19.23	28.10	43.50	-15.40	Peak	400	61
4	155.65	47.36	-19.04	28.32	43.50	-15.18	Peak	400	54
5	184.55	49.68	-21.37	28.31	43.50	-15.19	Peak	400	58
6	199.68	51.22	-19.04	32.18	43.50	-11.32	Peak	400	135
7	250.01	57.89	-15.68	42.21	46.00	-3.79	QP	400	61
8	277.23	45.33	-13.59	31.74	46.00	-14.26	Peak	400	59

Notes:

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

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 3	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 1	Humidity	: 67 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+3	Rate	: 54 Mbps



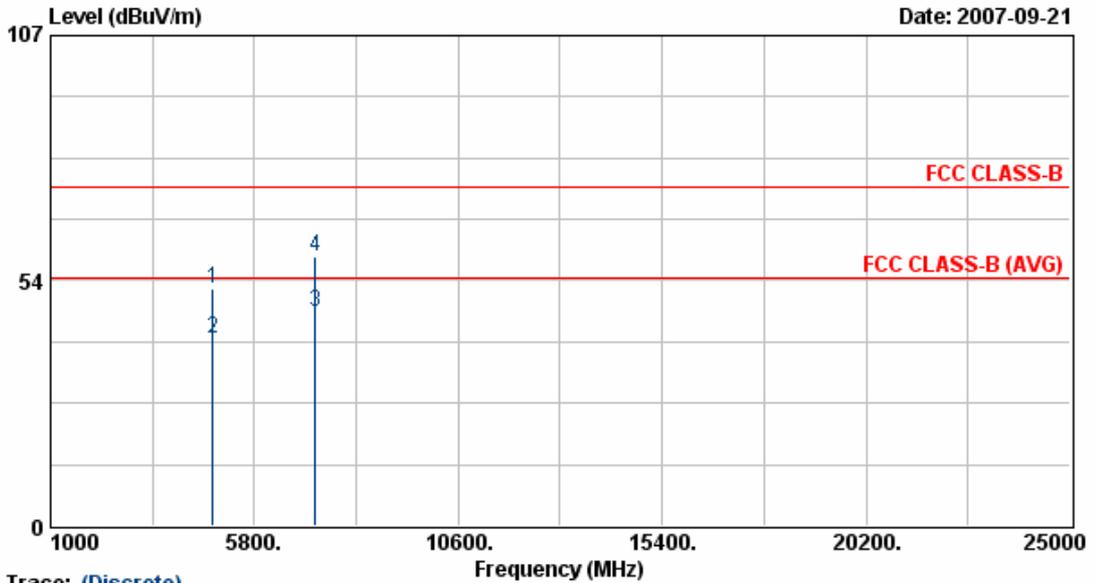
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	376.30	46.79	-10.46	36.33	46.00	-9.67	Peak	100	235
2	462.40	48.12	-7.63	40.49	46.00	-5.51	QP	400	230
3	500.90	47.11	-6.57	40.54	46.00	-5.46	QP	100	56
4	623.40	44.33	-4.80	39.53	46.00	-6.47	Peak	100	233
5	750.80	43.19	-5.20	37.99	46.00	-8.01	Peak	100	231
6	922.30	39.98	2.78	42.76	46.00	-3.24	QP	100	234

Notes:

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

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 3	: Transmit / Receive	Temperature	: 26 °C
Operation Channel	: 1	Humidity	: 70 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+3	Rate	: 11 Mbps



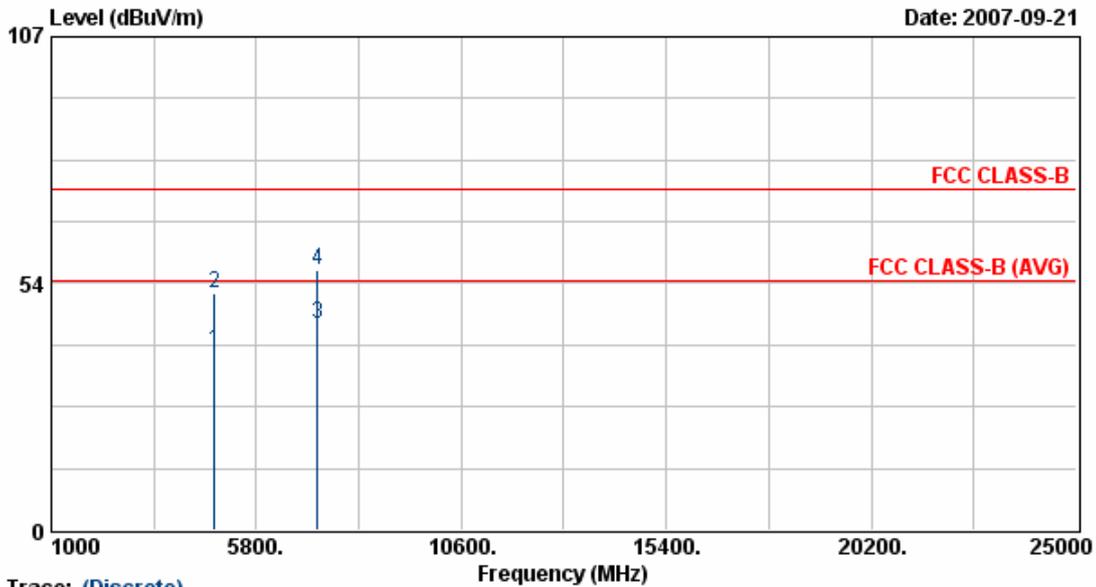
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.88	43.22	8.64	51.86	74.00	-22.14	Peak	116	119
2	4823.88	32.19	8.64	40.83	54.00	-13.17	Average	116	119
3	7235.00	32.50	14.35	46.85	54.00	-7.15	Average	116	119
4	7235.00	44.33	14.35	58.68	74.00	-15.32	Peak	116	119

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 1	Humidity	: 70 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+3	Rate	: 11 Mbps



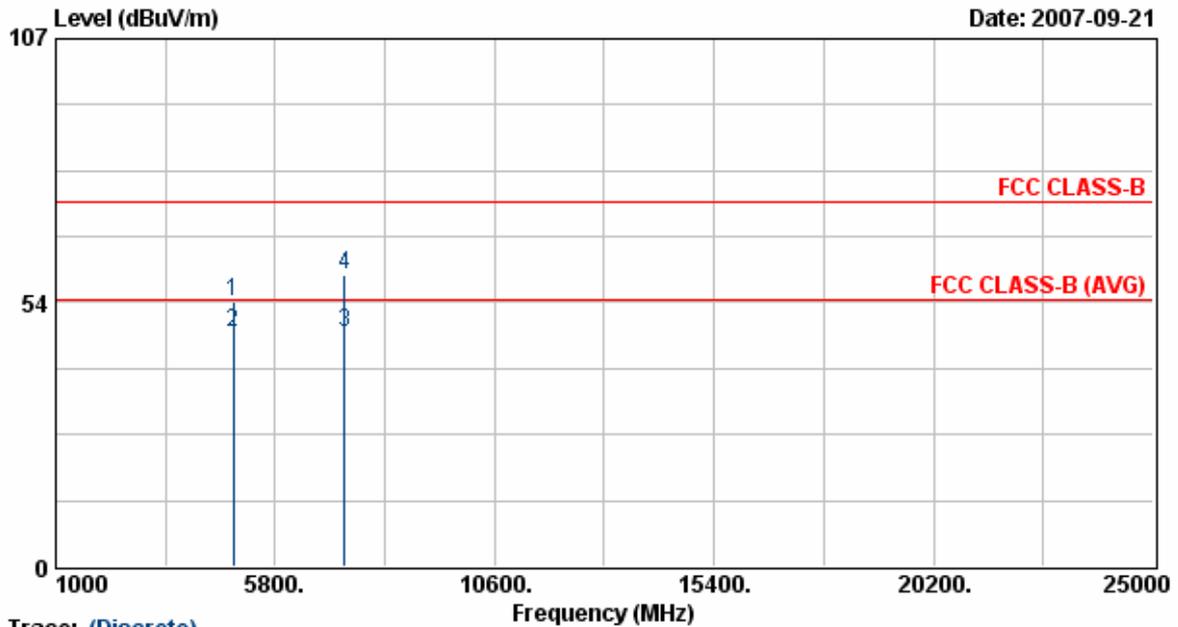
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.75	30.38	8.64	39.02	54.00	-14.98	Average	118	148
2	4823.75	42.62	8.64	51.26	74.00	-22.74	Peak	118	148
3	7236.00	30.34	14.35	44.69	54.00	-9.31	Average	118	148
4	7236.00	42.18	14.35	56.54	74.00	-17.46	Peak	118	148

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 6	Humidity	: 70 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+3	Rate	: 11 Mbps



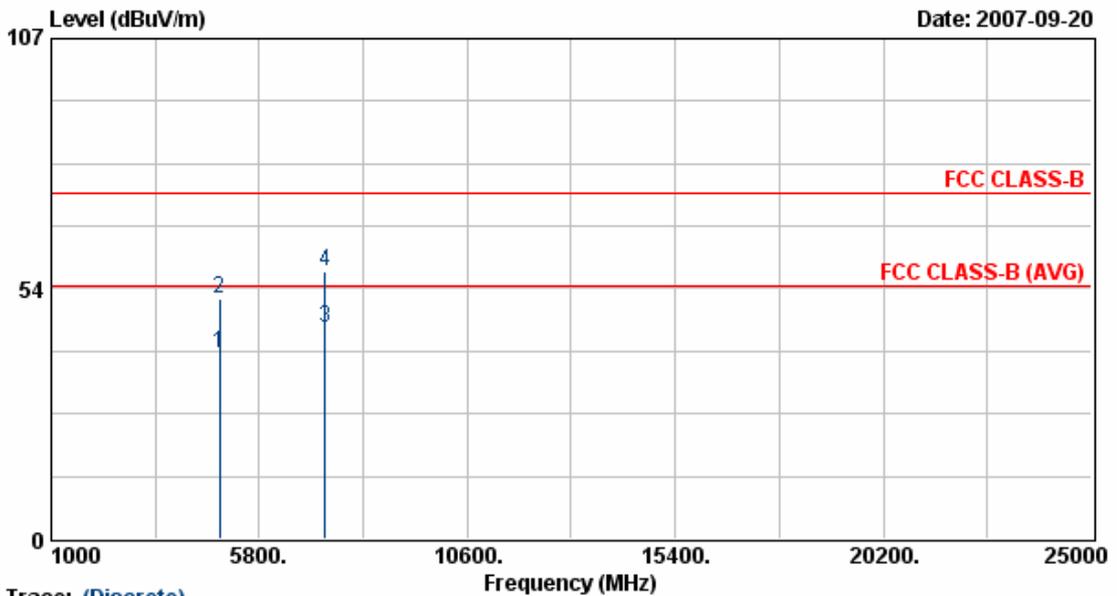
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.00	45.07	8.78	53.85	74.00	-20.15	Peak	116	119
2	4874.00	38.87	8.78	47.65	54.00	-6.35	Average	116	119
3	7311.38	32.92	14.60	47.51	54.00	-6.49	Average	116	119
4	7311.38	44.54	14.60	59.14	74.00	-14.86	Peak	116	119

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 6	Humidity	: 70 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+3	Rate	: 11 Mbps



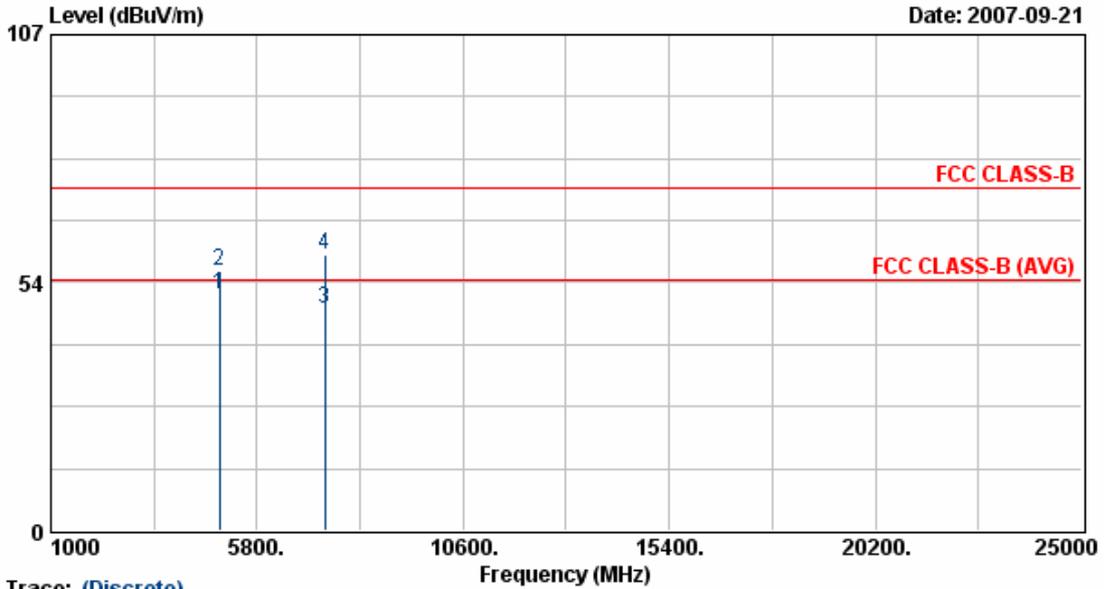
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.88	31.09	8.78	39.87	54.00	-14.13	Average	118	148
2	4873.88	42.45	8.78	51.23	74.00	-22.77	Peak	118	148
3	7309.88	30.63	14.59	45.23	54.00	-8.77	Average	118	148
4	7309.88	42.76	14.59	57.35	74.00	-16.65	Peak	118	148

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 11	Humidity	: 70 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+3	Rate	: 11 Mbps



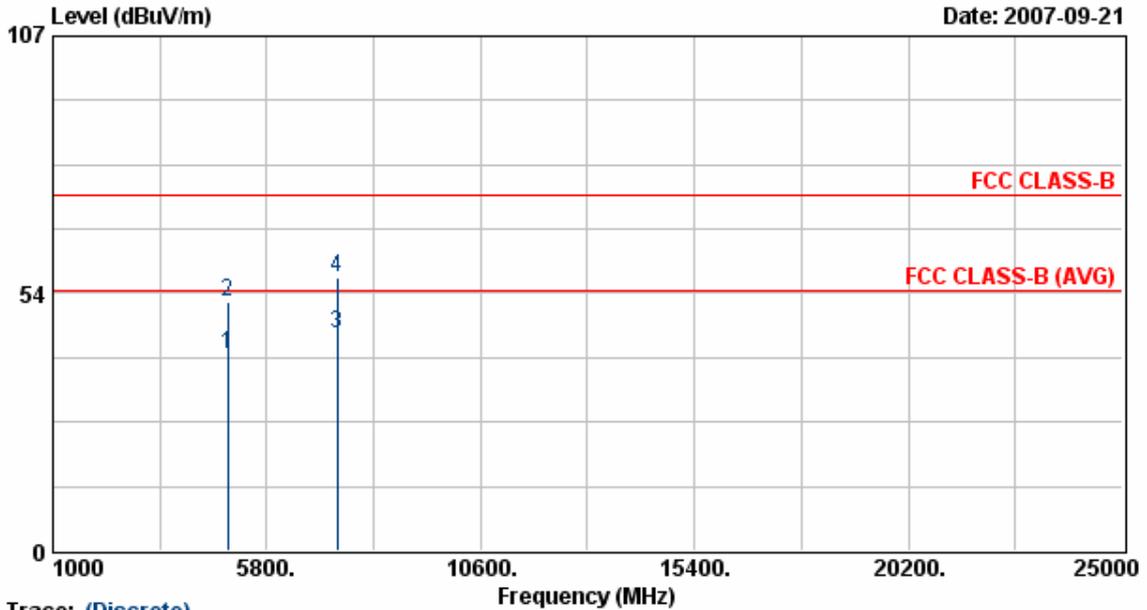
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.88	42.10	8.92	51.02	54.00	-2.98	Average	116	119
2	4923.88	46.93	8.92	55.85	74.00	-18.15	Peak	116	119
3	7385.00	32.87	14.84	47.71	54.00	-6.29	Average	116	119
4	7385.00	44.77	14.84	59.60	74.00	-14.40	Peak	116	119

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 11	Humidity	: 70 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+3	Rate	: 11 Mbps



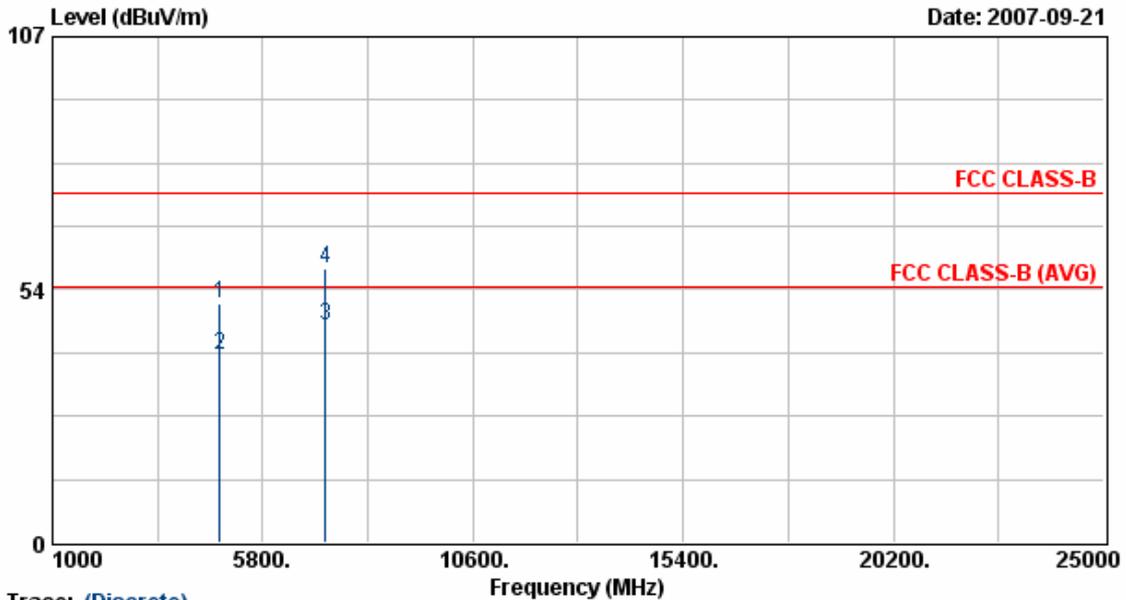
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.88	31.85	8.92	40.77	54.00	-13.23	Average	118	148
2	4923.88	42.73	8.92	51.66	74.00	-22.34	Peak	118	148
3	7384.88	30.30	14.84	45.13	54.00	-8.87	Average	118	148
4	7384.88	42.08	14.84	56.91	74.00	-17.09	Peak	118	148

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 1	Humidity	: 70 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+3	Rate	: 54 Mbps



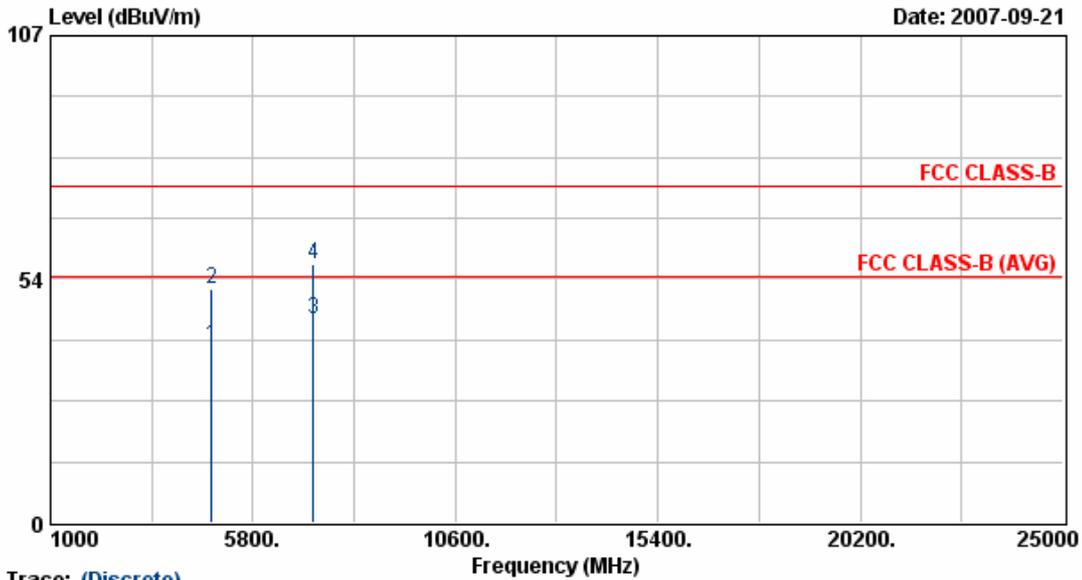
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4825.38	42.11	8.64	50.75	74.00	-23.25	Peak	116	119
2	4825.38	30.88	8.64	39.52	54.00	-14.48	Average	116	119
3	7237.00	31.64	14.36	46.00	54.00	-8.00	Average	116	119
4	7237.00	43.49	14.36	57.84	74.00	-16.16	Peak	116	119

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 1	Humidity	: 70 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+3	Rate	: 54 Mbps



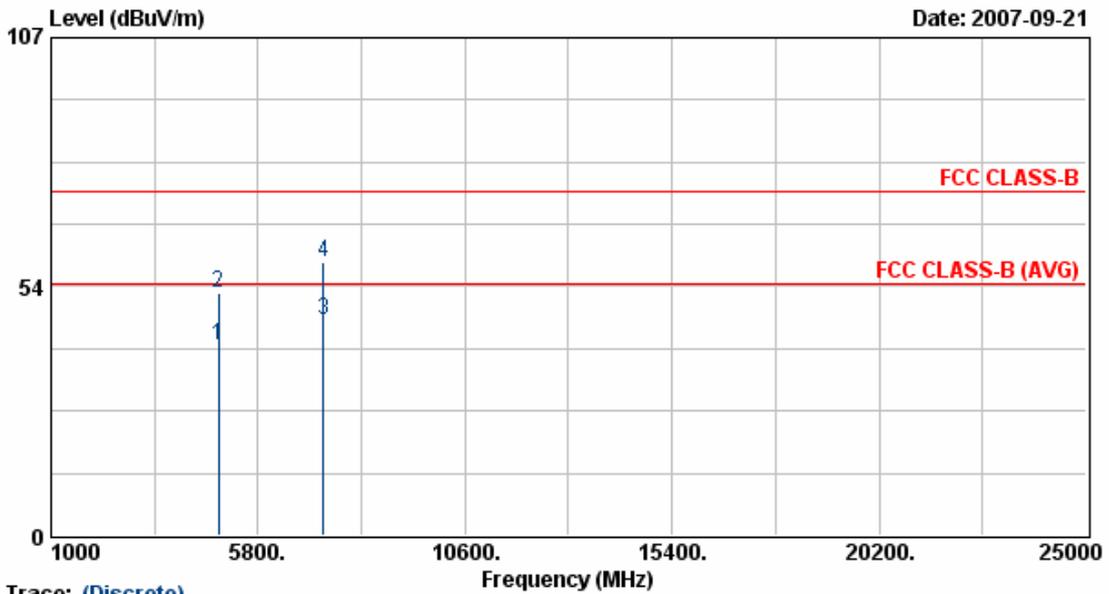
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.88	30.26	8.64	38.90	54.00	-15.10	Average	118	148
2	4823.88	42.65	8.64	51.29	74.00	-22.71	Peak	118	148
3	7235.50	30.37	14.35	44.72	54.00	-9.28	Average	118	148
4	7235.50	42.45	14.35	56.81	74.00	-17.19	Peak	118	148

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 6	Humidity	: 70 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+3	Rate	: 54 Mbps



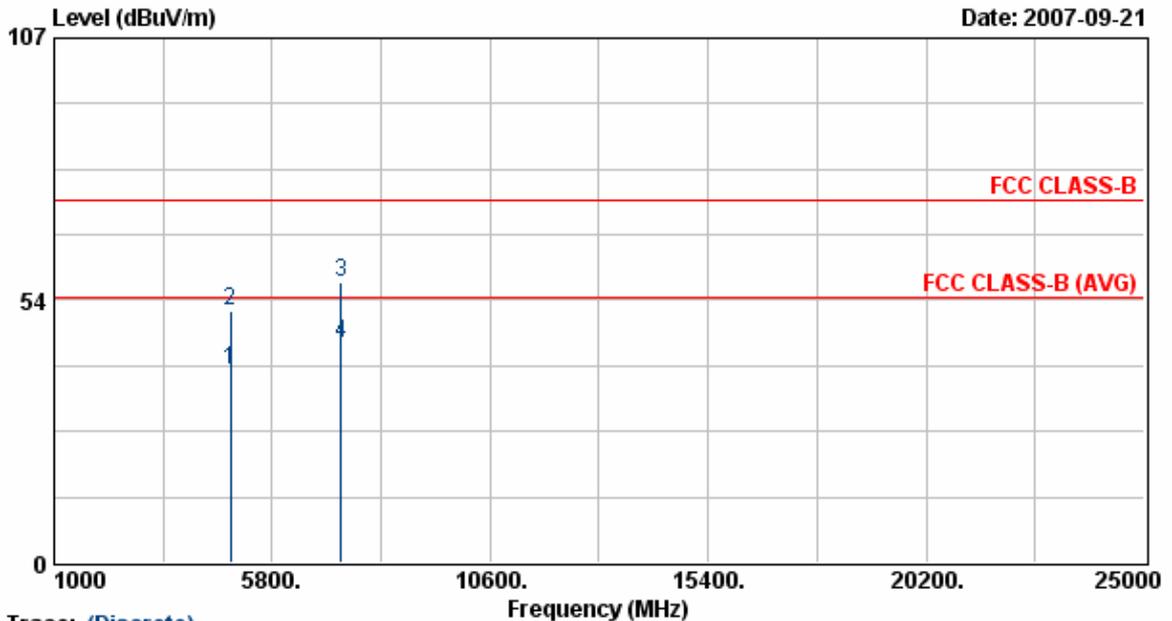
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.25	32.03	8.78	40.81	54.00	-13.19	Average	116	119
2	4873.25	43.28	8.78	52.06	74.00	-21.94	Peak	116	119
3	7310.25	31.90	14.60	46.49	54.00	-7.51	Average	116	119
4	7310.25	44.25	14.60	58.84	74.00	-15.16	Peak	116	119

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 6	Humidity	: 70 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+3	Rate	: 54 Mbps



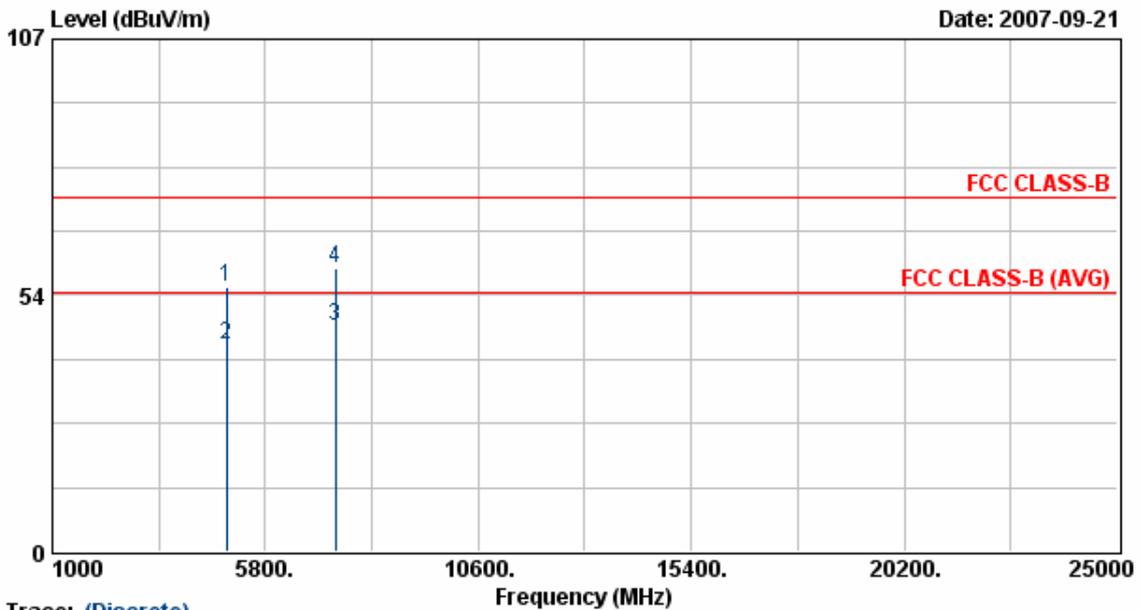
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.63	30.43	8.78	39.21	54.00	-14.79	Average	118	148
2	4873.63	42.40	8.78	51.19	74.00	-22.81	Peak	118	148
3	7311.00	42.70	14.60	57.30	74.00	-16.70	Peak	118	148
4	7311.00	30.30	14.60	44.89	54.00	-9.11	Average	118	148

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 11	Humidity	: 70 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+3	Rate	: 54 Mbps



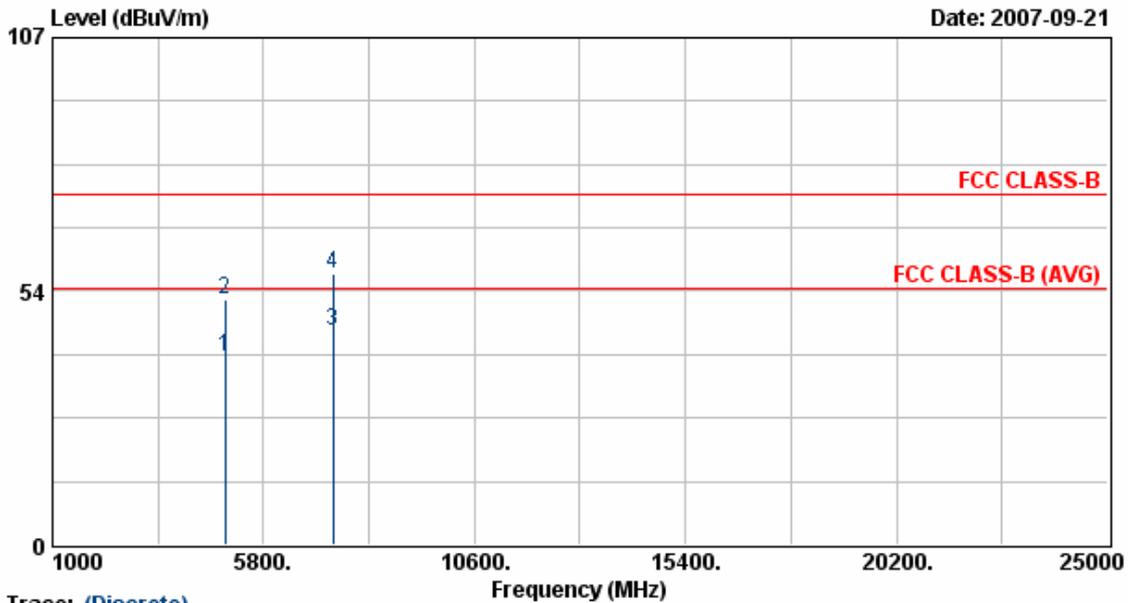
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4924.50	46.19	8.93	55.11	74.00	-18.89	Peak	116	119
2	4924.50	34.38	8.93	43.30	54.00	-10.70	Average	116	119
3	7384.88	32.12	14.84	46.95	54.00	-7.05	Average	116	119
4	7384.88	44.17	14.84	59.01	74.00	-14.99	Peak	116	119

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 11	Humidity	: 70 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+3	Rate	: 54 Mbps



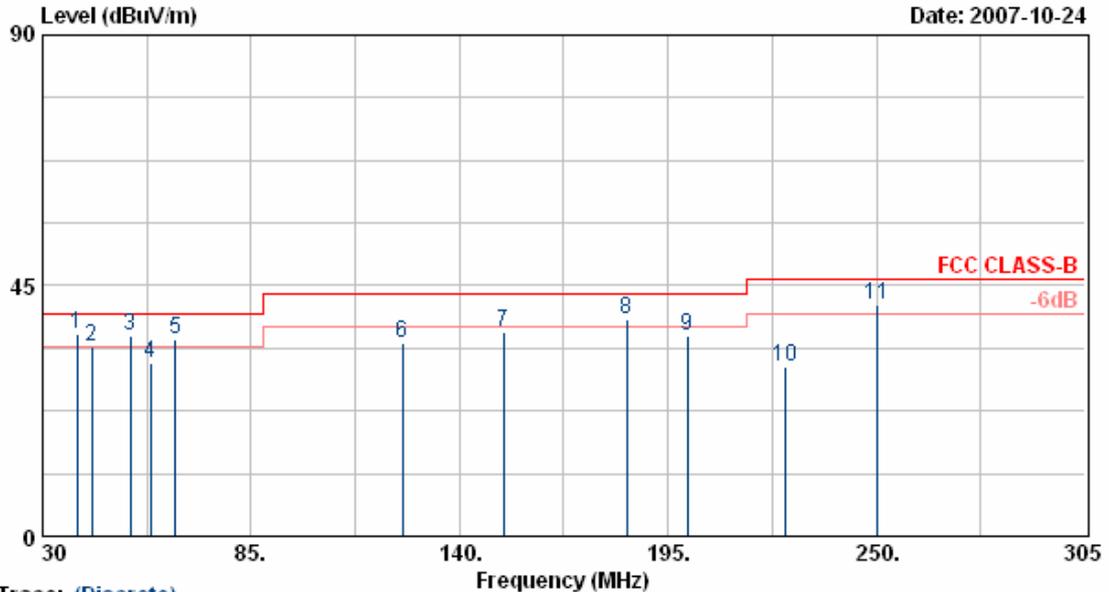
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4923.63	30.73	8.92	39.65	54.00	-14.35	Average	118	148
2	4923.63	42.82	8.92	51.75	74.00	-22.25	Peak	118	148
3	7385.88	30.43	14.84	45.27	54.00	-8.73	Average	118	148
4	7385.88	42.45	14.84	57.29	74.00	-16.71	Peak	118	148

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 30 °C
Operation Channel	: 6	Humidity	: 67 %
Modulation Type	: 802.11 Turbo G	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1antenna 2+3	Rate	: 108 Mbps



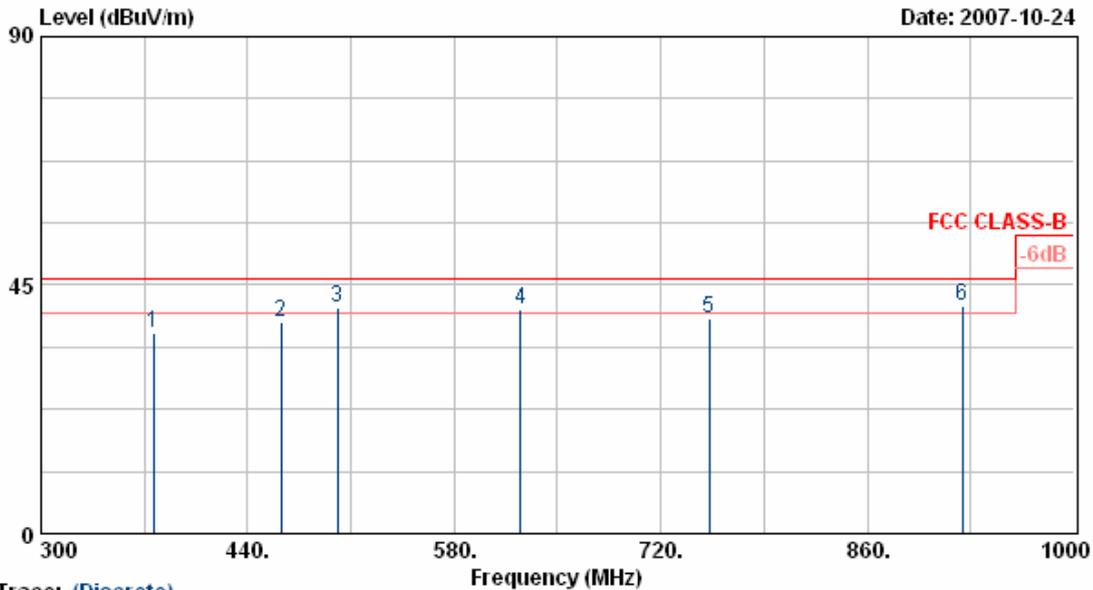
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Item	Freq MHz	Read Value dBuV/m	Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark	Ant Pos cm	Tab Pos Deg
1	39.08	51.06	-14.58	36.48	40.00	-3.52	QP	300	76
2	42.95	50.06	-15.94	34.12	40.00	-5.88	QP	100	79
3	53.10	55.62	-19.52	36.10	40.00	-3.90	QP	100	77
4	58.60	49.06	-17.85	31.21	40.00	-8.79	Peak	100	69
5	64.93	58.24	-22.74	35.50	40.00	-4.50	QP	100	75
6	124.99	46.11	-11.29	34.82	43.50	-8.68	Peak	100	76
7	151.55	49.36	-12.85	36.51	43.50	-6.99	Peak	100	211
8	184.00	50.42	-11.49	38.93	43.50	-4.57	QP	100	75
9	200.23	48.63	-12.76	35.87	43.50	-7.63	Peak	100	77
10	225.80	45.11	-14.73	30.38	46.00	-15.62	Peak	100	74
11	250.00	52.65	-11.04	41.61	46.00	-4.39	QP	100	77

Notes:

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

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 3	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 6	Humidity	: 67 %
Modulation Type	: 802.11 Turbo G	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+3	Rate	: 108 Mbps



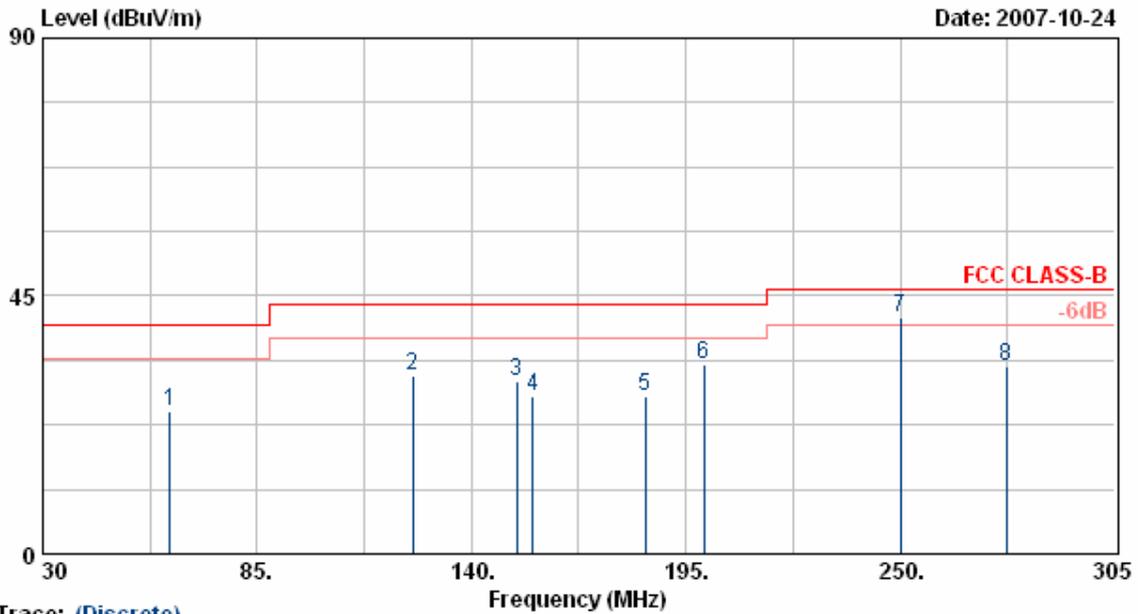
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	376.30	46.13	-9.67	36.46	46.00	-9.54	Peak	100	304
2	462.40	44.91	-6.57	38.34	46.00	-7.66	Peak	100	311
3	500.90	45.78	-4.71	41.07	46.00	-4.93	QP	100	309
4	624.83	46.09	-5.38	40.71	46.00	-5.29	QP	100	300
5	752.90	42.08	-3.25	38.83	46.00	-7.17	Peak	100	305
6	924.40	38.15	3.16	41.31	46.00	-4.69	QP	100	66

Notes:

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

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 3	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 6	Humidity	: 67 %
Modulation Type	: 802.11 Turbo G	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+3	Rate	: 108 Mbps



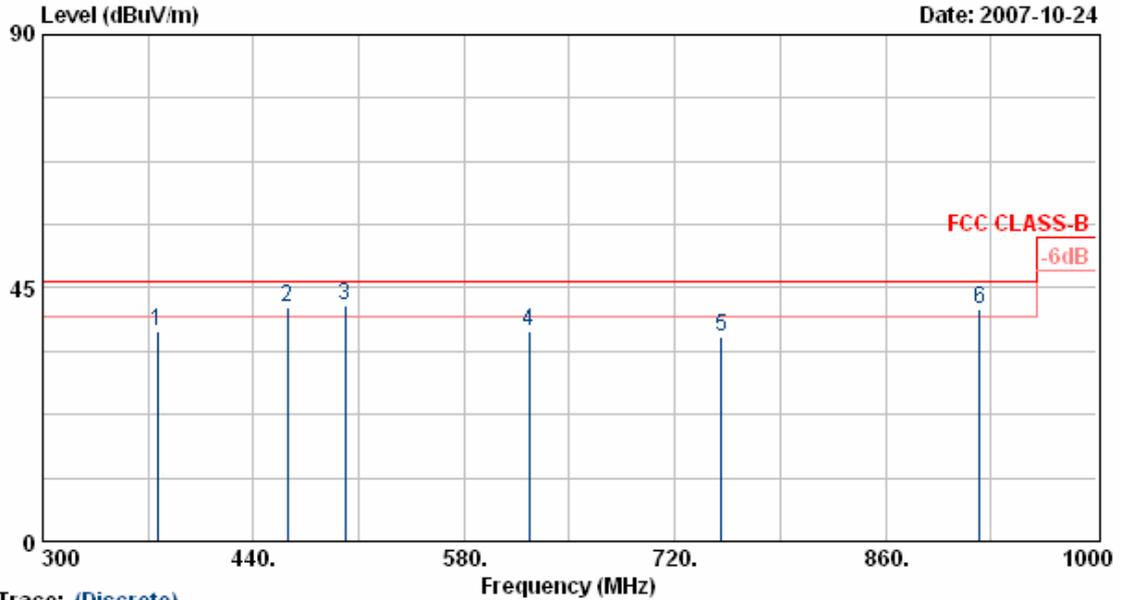
Trace: (Discrete)

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	62.73	52.64	-27.86	24.78	40.00	-15.22	Peak	400	63
2	125.00	51.06	-20.04	31.02	43.50	-12.48	Peak	400	59
3	151.55	49.46	-19.23	30.23	43.50	-13.27	Peak	400	61
4	155.65	46.52	-19.04	27.48	43.50	-16.02	Peak	400	54
5	184.55	48.75	-21.37	27.38	43.50	-16.12	Peak	400	58
6	199.68	52.11	-19.04	33.07	43.50	-10.43	Peak	400	135
7	250.01	56.87	-15.68	41.19	46.00	-4.81	QP	400	61
8	277.23	46.31	-13.59	32.72	46.00	-13.28	Peak	400	59

Notes:

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

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 3	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 6	Humidity	: 67 %
Modulation Type	: 802.11 Turbo G	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+3	Rate	: 108 Mbps



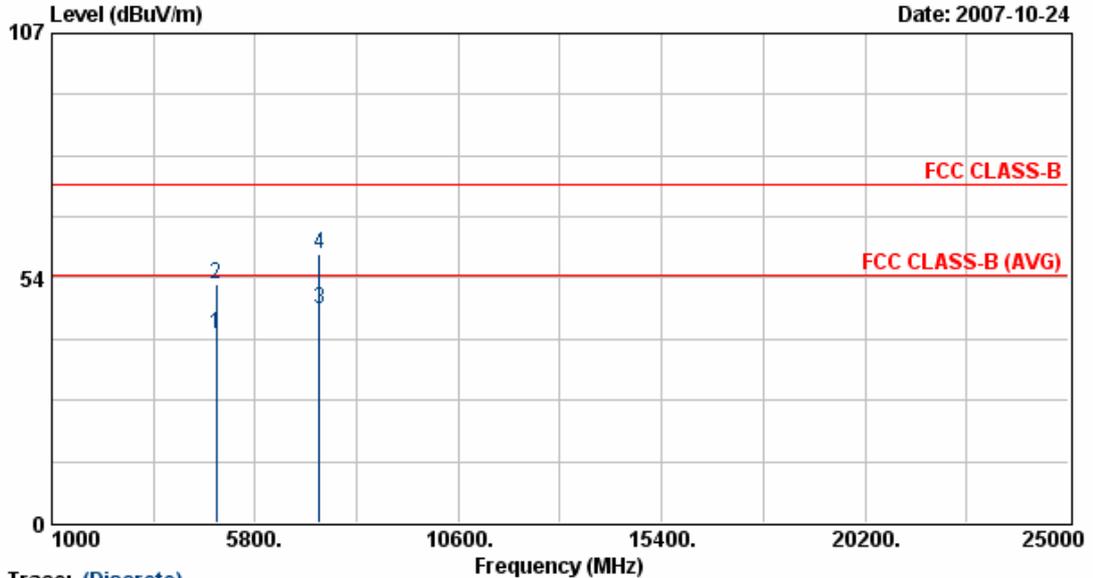
Trace: (Discrete)

Item	Freq MHz	Read Value dBuV/m	Factor dB	Result dBuV/m	Limit dBuV/m	Margin dB	Remark	Ant Pos cm	Tab Pos Deg
1	376.30	47.86	-10.46	37.40	46.00	-8.60	Peak	100	235
2	462.40	49.06	-7.63	41.43	46.00	-4.57	QP	400	230
3	500.90	48.51	-6.57	41.94	46.00	-4.06	QP	100	56
4	623.40	42.23	-4.80	37.42	46.00	-8.58	Peak	100	233
5	750.80	41.55	-5.20	36.35	46.00	-9.65	Peak	100	231
6	922.30	38.45	2.78	41.22	46.00	-4.78	QP	100	234

Notes:

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

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 3	: Transmit / Receive	Temperature	: 26 °C
Operation Channel	: 6	Humidity	: 70 %
Modulation Type	: 802.11 Turbo G	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+3	Rate	: 108 Mbps



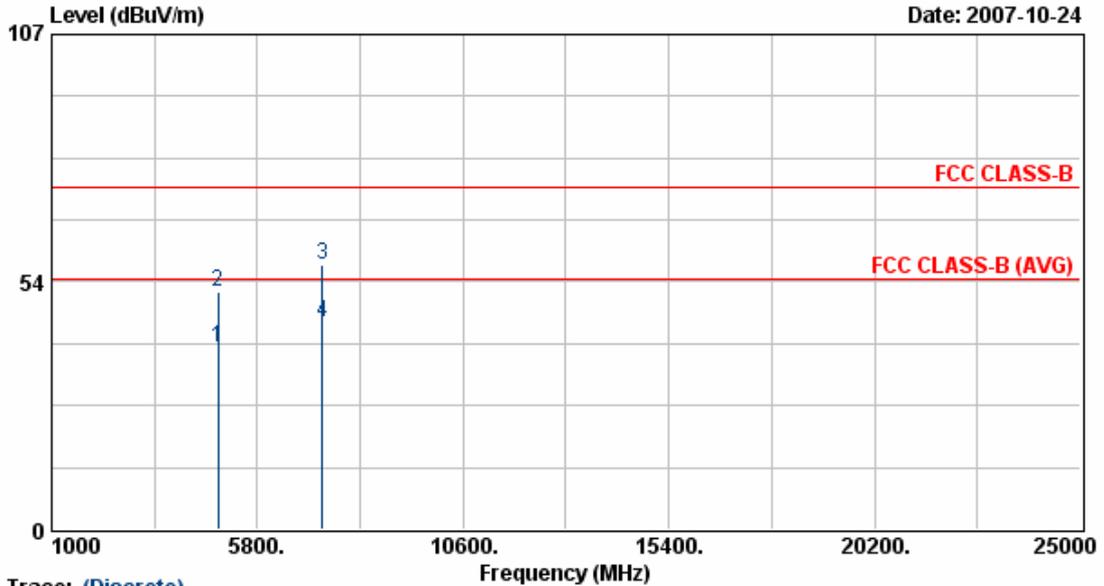
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.25	32.32	8.78	41.10	54.00	-12.90	Average	116	119
2	4873.25	43.21	8.78	51.99	74.00	-22.01	Peak	116	119
3	7310.25	31.97	14.60	46.57	54.00	-7.43	Average	116	119
4	7310.25	44.29	14.60	58.89	74.00	-15.11	Peak	116	119

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 6	Humidity	: 70 %
Modulation Type	: 802.11 Turbo G	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+3	Rate	: 108 Mbps



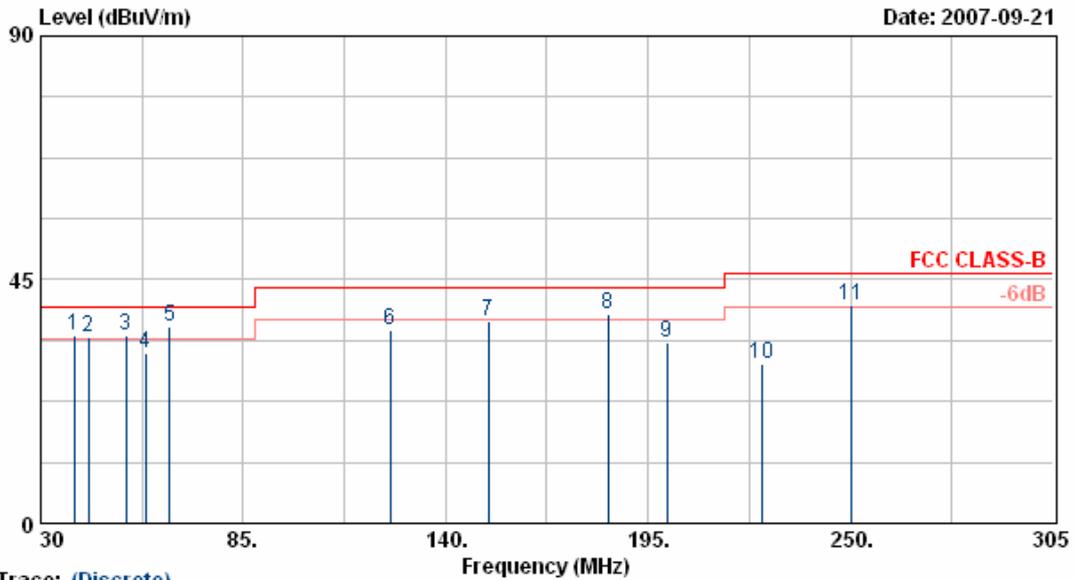
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.63	30.47	8.78	39.25	54.00	-14.75	Average	118	148
2	4873.63	42.45	8.78	51.23	74.00	-22.77	Peak	118	148
3	7311.00	42.73	14.60	57.33	74.00	-16.67	Peak	118	148
4	7311.00	30.26	14.60	44.85	54.00	-9.15	Average	118	148

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 30 °C
Operation Channel	: 1	Humidity	: 67 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+4	Rate	: 54 Mbps

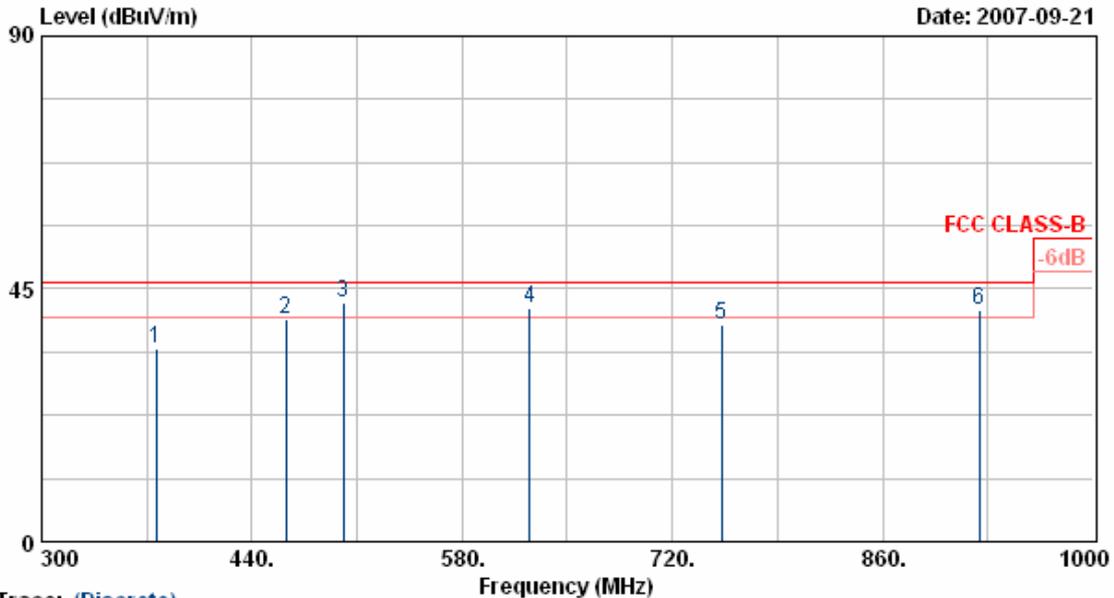


Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	39.08	49.33	-14.58	34.75	40.00	-5.25	QP	300	81
2	42.95	50.35	-15.94	34.41	40.00	-5.59	QP	100	79
3	53.10	54.11	-19.52	34.59	40.00	-5.41	QP	100	89
4	58.60	49.33	-17.85	31.48	40.00	-8.52	Peak	100	78
5	64.93	59.22	-22.74	36.48	40.00	-3.52	QP	100	84
6	124.99	46.99	-11.29	35.70	43.50	-7.80	Peak	100	84
7	151.55	50.12	-12.85	37.27	43.50	-6.23	Peak	100	223
8	184.00	50.12	-11.49	38.64	43.50	-4.86	QP	100	88
9	200.23	46.12	-12.76	33.36	43.50	-10.14	Peak	100	81
10	225.80	44.33	-14.73	29.60	46.00	-16.40	Peak	100	80
11	250.00	51.37	-11.04	40.33	46.00	-5.67	QP	100	86

Notes:

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

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 4	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 1	Humidity	: 67 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+4	Rate	: 54 Mbps



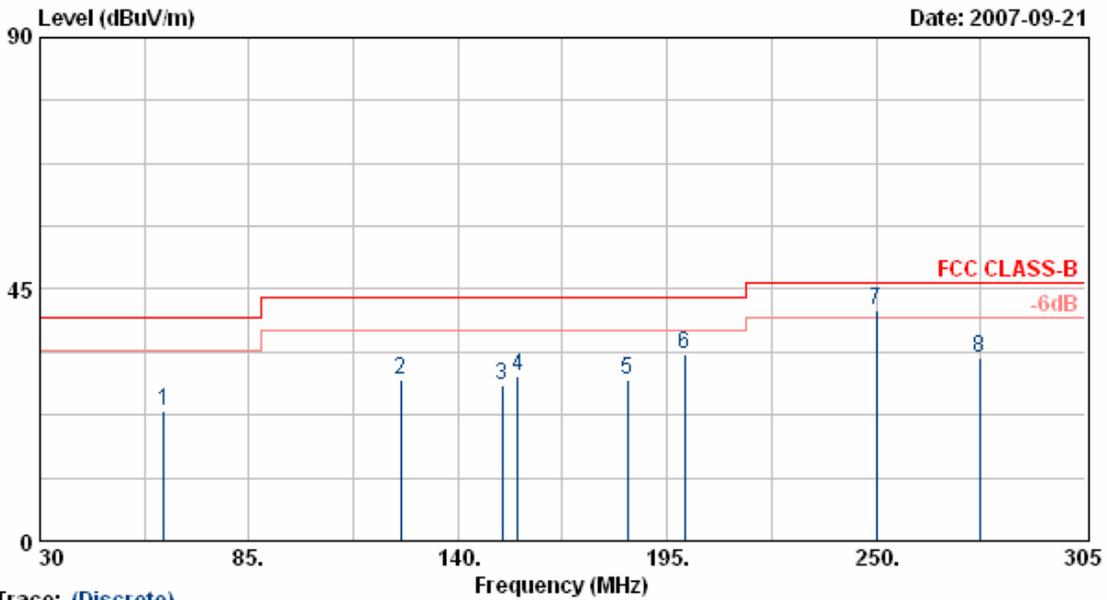
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	376.30	44.13	-9.67	34.46	46.00	-11.54	Peak	100	312
2	462.40	46.12	-6.57	39.55	46.00	-6.45	Peak	100	309
3	500.90	47.12	-4.71	42.41	46.00	-3.59	QP	100	316
4	624.83	46.99	-5.38	41.61	46.00	-4.39	QP	100	308
5	752.90	41.92	-3.25	38.67	46.00	-7.33	Peak	100	311
6	924.40	38.12	3.16	41.28	46.00	-4.72	QP	100	75

Notes:

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

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 4	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 1	Humidity	: 67 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+4	Rate	: 54 Mbps

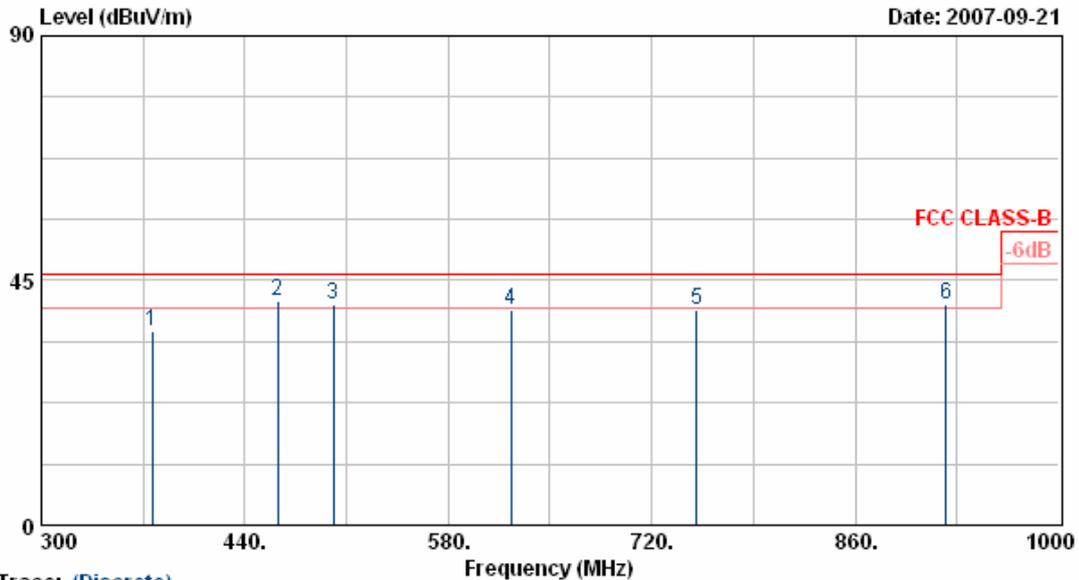


Trace: (Discrete)

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	62.73	50.98	-27.86	23.12	40.00	-16.88	Peak	400	72
2	125.00	48.92	-20.04	28.88	43.50	-14.62	Peak	400	68
3	151.55	47.15	-19.23	27.92	43.50	-15.58	Peak	400	76
4	155.65	48.53	-19.04	29.49	43.50	-14.01	Peak	400	66
5	184.55	50.12	-21.37	28.75	43.50	-14.75	Peak	400	75
6	199.68	52.33	-19.04	33.29	43.50	-10.21	Peak	400	180
7	250.01	56.96	-15.68	41.28	46.00	-4.72	QP	400	74
8	277.23	46.31	-13.59	32.72	46.00	-13.28	Peak	400	68

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

Power	: AC 120V	Pol/Phase	: HORIZONTAL
Test Mode 4	: Transmit / Receive	Temperature	: 30 °C
Operation Channel	: 1	Humidity	: 67 %
Modulation Type	: 802.11g	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+4	Rate	: 54 Mbps



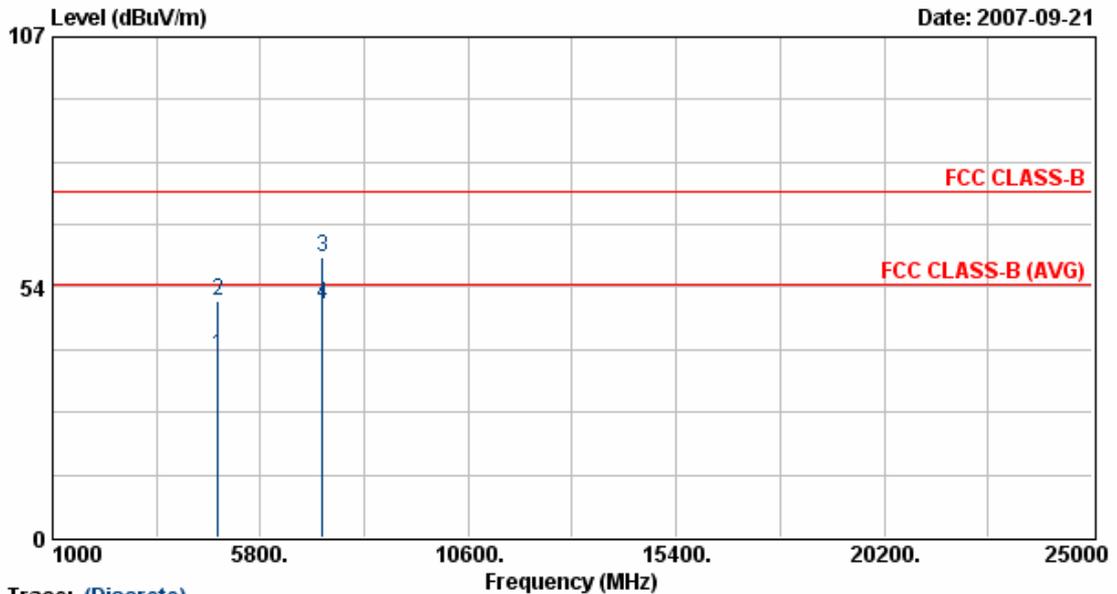
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Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	376.30	46.12	-10.46	35.66	46.00	-10.34	Peak	100	208
2	462.40	48.99	-7.63	41.36	46.00	-4.64	QP	400	200
3	500.90	47.12	-6.57	40.55	46.00	-5.45	QP	100	50
4	623.40	44.32	-4.80	39.52	46.00	-6.48	Peak	100	203
5	750.80	44.68	-5.20	39.48	46.00	-6.52	Peak	100	210
6	922.30	37.89	2.78	40.67	46.00	-5.33	QP	100	200

Notes:

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

Power	: AC 120V	Pol/Phase	: VERTICAL
Test Mode 4	: Transmit / Receive	Temperature	: 26 °C
Operation Channel	: 1	Humidity	: 70 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+4	Rate	: 11 Mbps



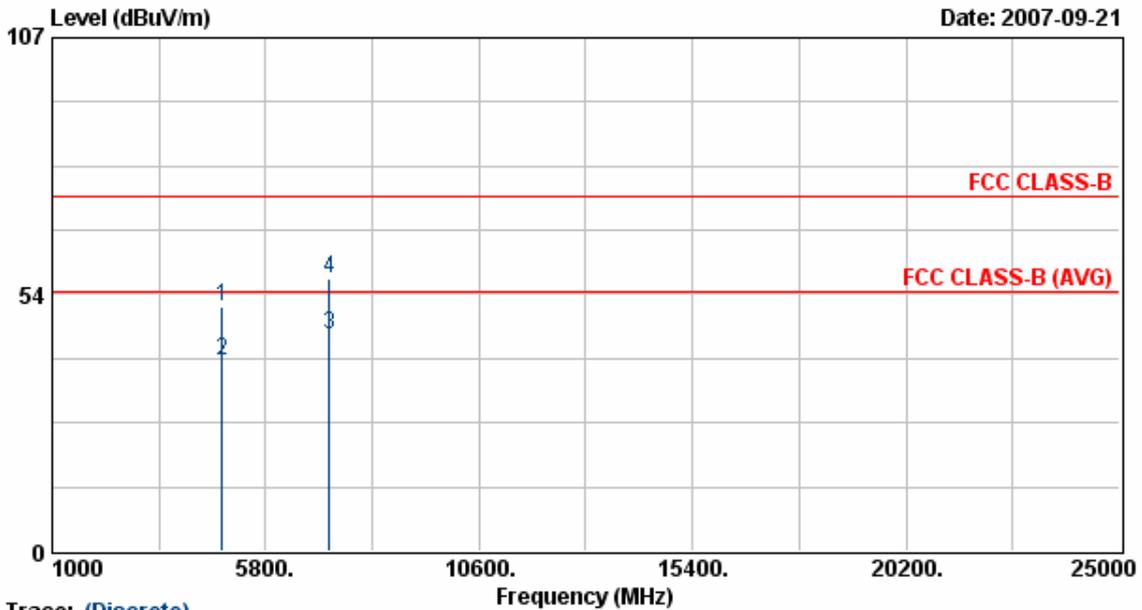
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.88	30.42	8.64	39.06	54.00	-14.94	Average	128	204
2	4823.88	41.98	8.64	50.62	74.00	-23.38	Peak	128	204
3	7235.13	45.47	14.35	59.82	74.00	-14.18	Peak	128	204
4	7235.13	35.33	14.35	49.68	54.00	-4.32	Average	128	204

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 1	Humidity	: 70 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+4	Rate	: 11 Mbps



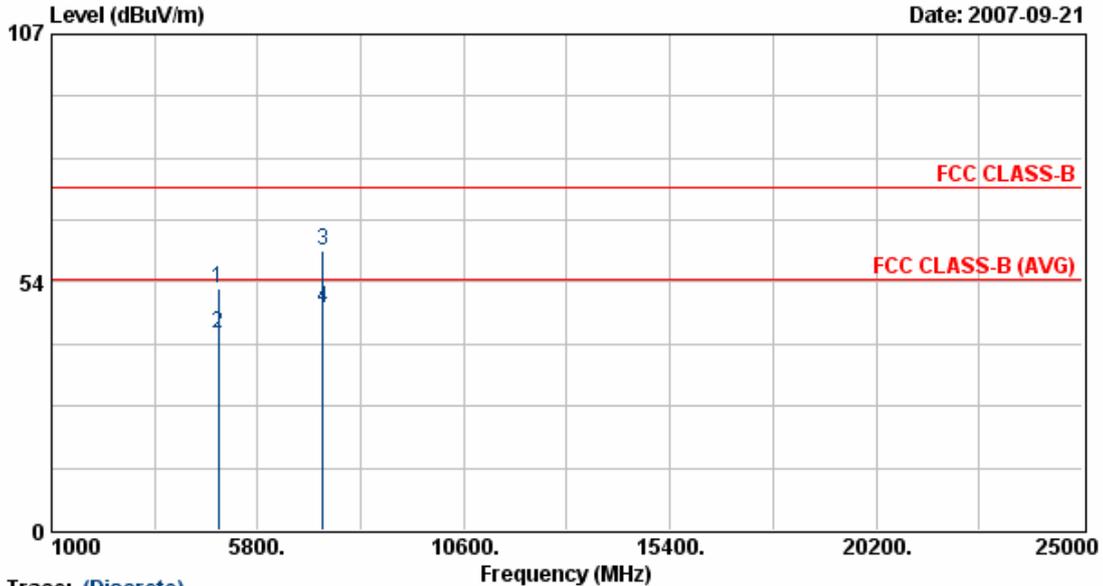
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4823.88	42.17	8.64	50.81	74.00	-23.19	Peak	124	218
2	4823.88	31.13	8.64	39.77	54.00	-14.23	Average	124	218
3	7235.88	30.64	14.35	45.00	54.00	-9.00	Average	124	218
4	7235.88	42.53	14.35	56.88	74.00	-17.12	Peak	124	218

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 6	Humidity	: 70 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+4	Rate	: 11 Mbps



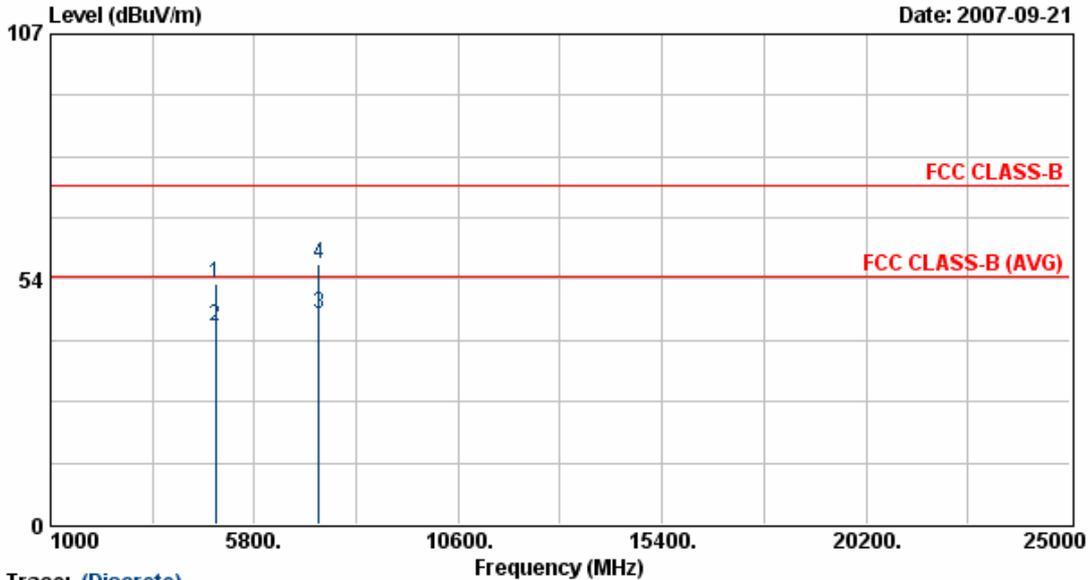
Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4874.00	43.54	8.78	52.33	74.00	-21.67	Peak	128	204
2	4874.00	33.51	8.78	42.29	54.00	-11.71	Average	128	204
3	7310.13	45.57	14.59	60.16	74.00	-13.84	Peak	128	204
4	7310.13	33.20	14.59	47.79	54.00	-6.21	Average	128	204

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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	: 26 °C
Operation Channel	: 6	Humidity	: 70 %
Modulation Type	: 802.11b	Atmospheric Pressure	: 1010 hPa
Memo	: MT12-Y120100-A1 antenna 2+4	Rate	: 11 Mbps



Trace: (Discrete)

Item	Freq	Read Value	Factor	Result	Limit	Margin	Remark	Ant Pos	Tab Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		cm	Deg
1	4873.88	43.76	8.78	52.55	74.00	-21.45	Peak	124	218
2	4873.88	34.58	8.78	43.36	54.00	-10.64	Average	124	218
3	7311.25	31.33	14.60	45.93	54.00	-8.07	Average	124	218
4	7311.25	42.32	14.60	56.92	74.00	-17.08	Peak	124	218

Notes:

1. Result = Read Value + Factor
2. Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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.