

FCC TEST REPORT

according to

FCC Rules and Regulations

Part 15 Subpart C

Applicant	Netgear Inc.
Address	4500 Great America Parkway Santa Clara California 95054 USA
Equipment	RangeMax™ NEXT Wireless Router
Model No.	WNR834B
FCC ID	PY306100032
Trade Name	NETGEAR

Laboratory Accreditation



1332

- 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

Applicant	Netgear Inc.
Address	4500 Great America Parkway Santa Clara California 95054 USA
Equipment	RangeMax™ NEXT Wireless Router
Model No.	WNR834B
FCC ID	PY306100032

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 (2003)**.

The test was carried out on Apr. 05, 2005 at *Exclusive Certification Corp.*

Signature



Eric Chan / 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	. Radiated Emission	Pass
15.247(a)(2)	. 6dB Bandwidth	Pass
15.247(b)	. Maximum Peak Output Power	Pass
15.247(c)	. 100kHz Bandwidth of Frequency Band Edges	Pass
15.247(d)	. Power Spectral Density	Pass
1.1307 1.1310 2.1091 2.1093	. RF Exposure Compliance	Pass

Test engineer: _____

Jerry

2. Test Configuration of Equipment under Test

2.1 Feature of Equipment under Test

- 802.11b/g wireless networking, with the ability to operate in EWC mimo Auto 130 Mbps and auto 270 Mbps mode,
- EWC auto 130 Mbps , EWC auto 270 Mbps, and 802.11b+g modes
- A powerful, true firewall
- Easy, Web-based setup for installation and management
- Extensive Internet protocol support
- Content filtering
- Auto Sensing and Auto Uplink™ LAN Ethernet connections

2.2 RF Specifications

Spreading 802.11b: DSSS, CCK, QPSK, BPSK 802.11g: OFDM (64QAM, 16QAM, QPSK, BPSK)
Frequency Range 802.11b/g: 2.4 ~ 2.472 GHz
Number of Channels USA, Canada and Taiwan: 1 ~ 11 Most European Countries: 1 ~ 13
Data Rate 802.11b: 11, 5.5, 2, 1 Mbs 802.11g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps 802.11g MIMO: 6.5 ~ 270 Mbps
Modulation 802.11g: OFDM 802.11b: CCK, DQPSK, DBPSK
Antenna Dipole Antenna Peak gain: 1.8 dBi
Transmit Power FCC: 802.11b: 20 dBm 802.11g: 20 dBm 802.11g MIMO : 23 dBm

2.3 Test Mode and Test Software

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

- 802.11b (CH LO: 2412MHz) • 802.11b (CH MID: 2437MHz) • 802.11b (CH HI: 2462MHz)
- 802.11g (CH LO: 2412MHz) • 802.11g (CH MID: 2437MHz) • 802.11g (CH HI: 2462MHz)
- 802.11g MIMO, EWC (auto 130 Mbps):
CH LO: 2412MHz, CH MID: 2437MHz, CH HI: 2462MHz
- 802.11g MIMO, EWC (auto 270 Mbps):
CH LO: 2422MHz, CH MID: 2437MHz, CH HI: 2452MHz
- An executive programs, "NetIQ Chariot V5.0" Application under WIN XP.
- Test mode 1: 802.11b (11Mbps)
- Test mode 2: 802.11g (6 Mbps)
- Test mode 3: 802.11g MIMO, EWC (auto 130 Mbps)
- Test mode 4: 802.11g MIMO, EWC (auto 270 Mbps)

Note: All the transmitter rates had been pre-tested, and the test data is worst case

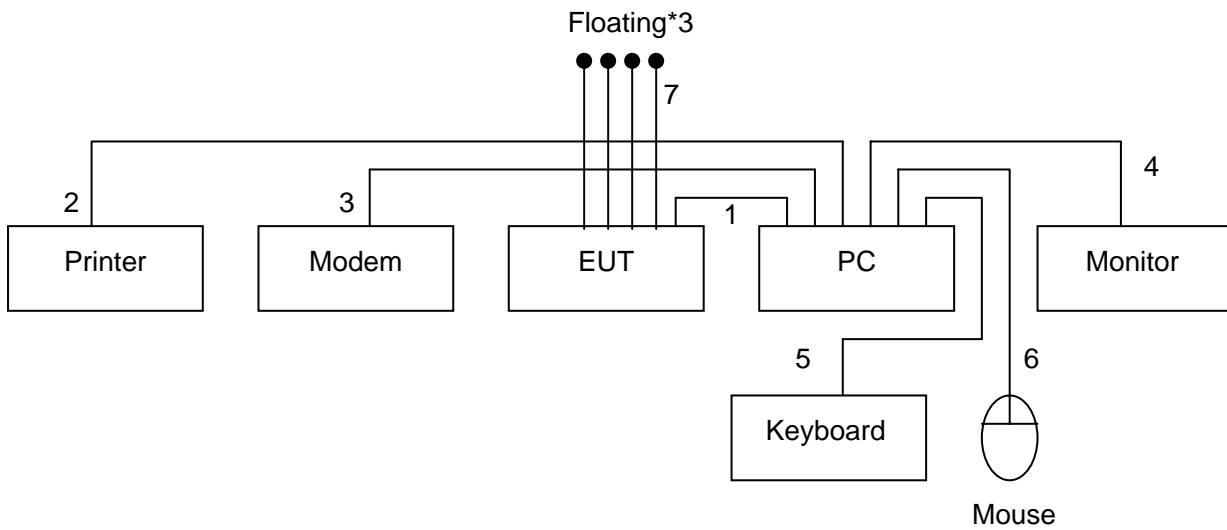
2.4 Description of Test System

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 Jet400	Power Cable, Adapter Unshielding 1.8 m Data Cable, PRINT shielding 1.6 m

Use Cable:

Cable	Description
RJ 45*1	Unshielding, 1.5m
RJ 45*4	Unshielding, 0.5m

2.5 Connection Diagram of Test System



1. The RJ 45 cable is connected from PC to the EUT.
2. The I/O cable is connected from PC to the. Printer
3. The I/O cable is connected from PC to the. Modem
4. The I/O cable is connected from PC to the Monitor.
5. The I/O cable is connected from PC to the Mouse.
6. The I/O cable is connected from PC to the Keyboard.
7. These RJ 45 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.
FCC Registration Number	632249
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 History of this test report

ORIGINAL.

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 type: Integral Dipole Antenna

Antenna Gain: 1.8dBi.

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.

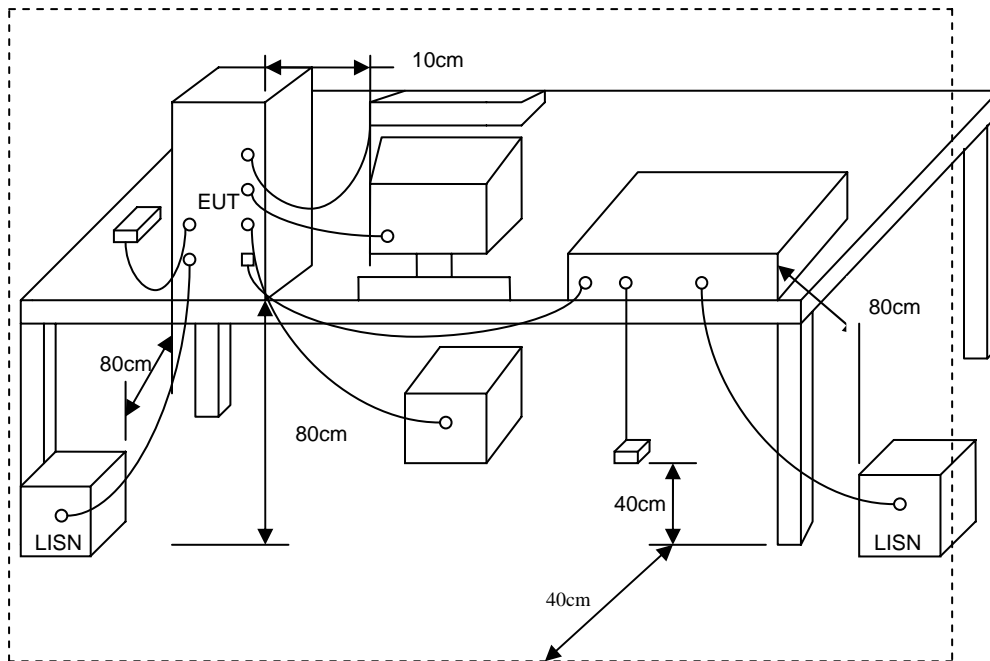
Frequency (MHz)	Quasi Peak (dB μ V)	Average (dB μ V)
0.15 – 0.5	66-56*	56-46*
0.5 – 5.0	56	46
5.0 – 30.0	60	50

*Decreases with the logarithm of the frequency.

4.2 Test Procedures

- 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



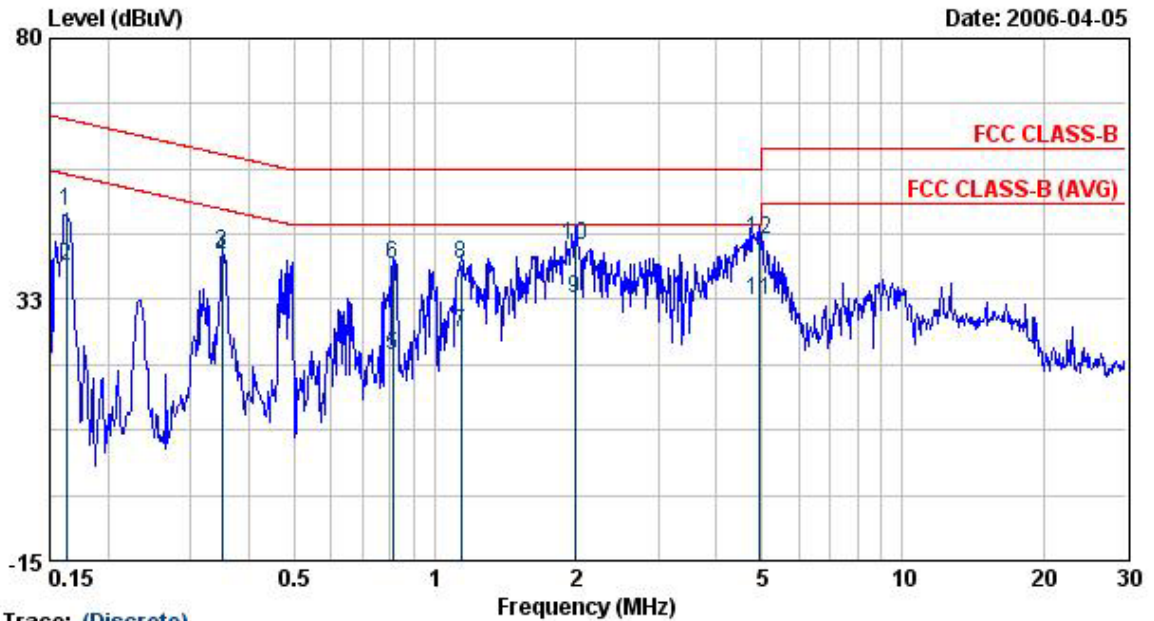
4.4 Measurement equipment

Instrument	Manufacturer	Model No.	Serial No.	Next Cal. Date
Receiver	Schaffner	SCR3501	437	2006/11/03
LISN	MESS TEC	NNB-2/16Z	02/10191	2007/03/30
LISN	ROLF HEINE	NNB-2/16Z	03/10058	2006/05/01

4.5 Test Result and Data

Test Mode 1, 2:

EUT	: WNR834B	Pol/Phase	: NEUTRAL
Power	: AC 120V	Temperature	: 25 °C
Test Mode	: 802.11g CH1	Humidity	: 65 %
Memo	: DSA-0131F-12 US 12		



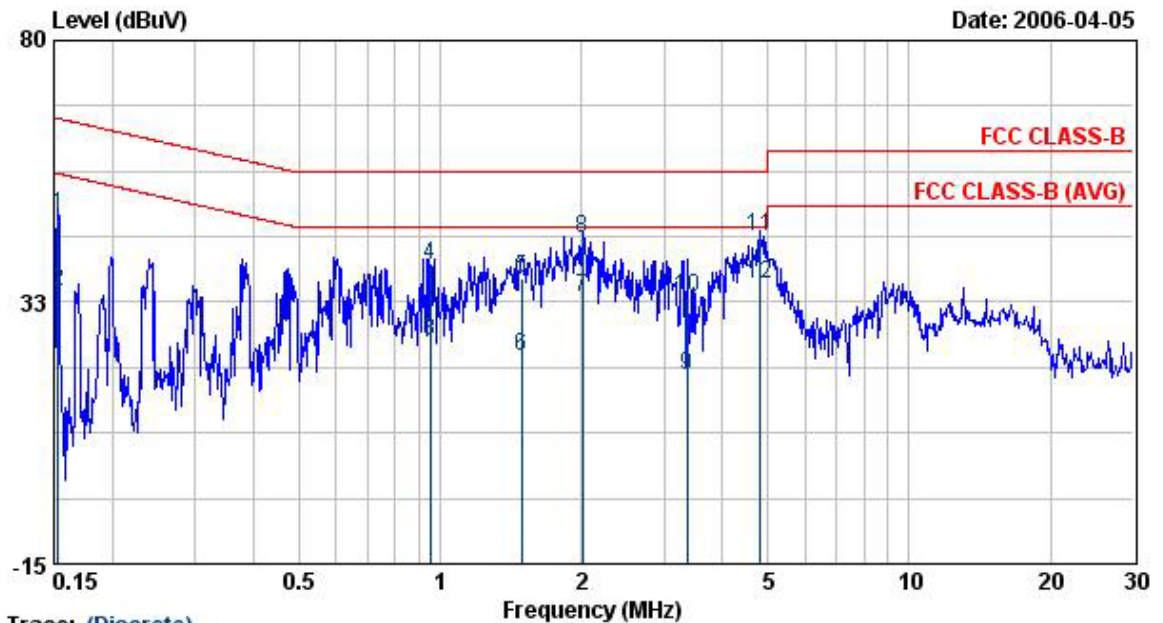
Trace: (Discrete)

Freq	Read	Factor	Level	Limit	Over	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.16	48.25	0.29	48.54	65.33	-16.79	QP
0.16	38.23	0.29	38.52	55.33	-16.81	AVERAGE
0.35	40.54	0.44	40.98	58.94	-17.96	QP
0.35	39.47	0.44	39.91	48.94	-9.03	AVERAGE
0.81	21.79	0.50	22.29	46.00	-23.71	AVERAGE
0.81	38.24	0.50	38.74	56.00	-17.26	QP
1.14	25.96	0.52	26.48	46.00	-19.52	AVERAGE
1.14	38.45	0.52	38.97	56.00	-17.03	QP
1.99	32.01	0.60	32.61	46.00	-13.39	AVERAGE
1.99	41.84	0.60	42.44	56.00	-13.56	QP
4.95	31.71	0.60	32.31	46.00	-13.69	AVERAGE
4.95	42.95	0.60	43.55	56.00	-12.45	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.

EUT : WNR834B
 Power : AC 120V
 Test Mode : 802.11g CH1
 Memo : DSA-0131F-12 US 12

Pol/Phase : LINE
 Temperature : 25 °C
 Humidity : 65 %



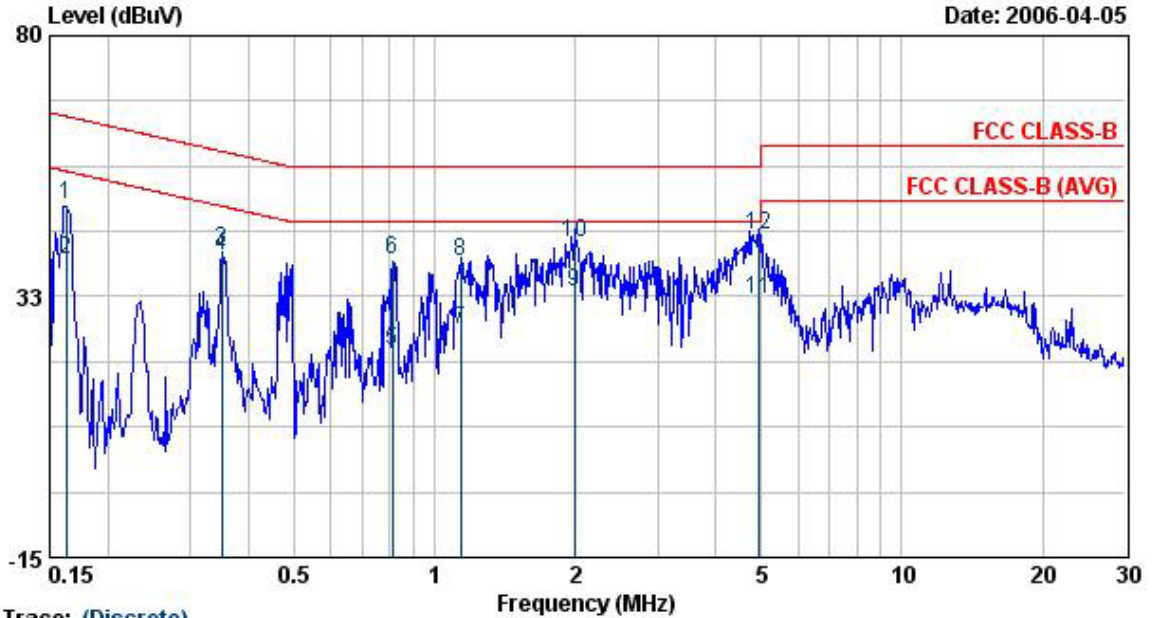
Trace: (Discrete)

Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.15	47.97	0.38	48.35	65.82	-17.48	QP
0.15	34.03	0.38	34.41	55.82	-21.42	AVERAGE
0.95	24.94	0.51	25.45	46.00	-20.55	AVERAGE
0.95	38.85	0.51	39.36	56.00	-16.64	QP
1.49	36.20	0.62	36.82	56.00	-19.18	QP
1.49	22.10	0.62	22.72	46.00	-23.28	AVERAGE
2.01	32.59	0.70	33.29	46.00	-12.71	AVERAGE
2.01	43.43	0.70	44.13	56.00	-11.87	QP
3.36	18.53	0.70	19.23	46.00	-26.77	AVERAGE
3.36	32.52	0.70	33.22	56.00	-22.78	QP
4.80	43.60	0.68	44.28	56.00	-11.72	QP
4.80	34.99	0.68	35.67	46.00	-10.33	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.

Test Mode 3:

EUT	: WNR834B	Pol/Phase	: NEUTRAL
Power	: AC 120V	Temperature	: 25 °C
Test Mode	: 802.11MIMO CH1	Humidity	: 65 %
Memo	: DSA-0131F-12 US 12		



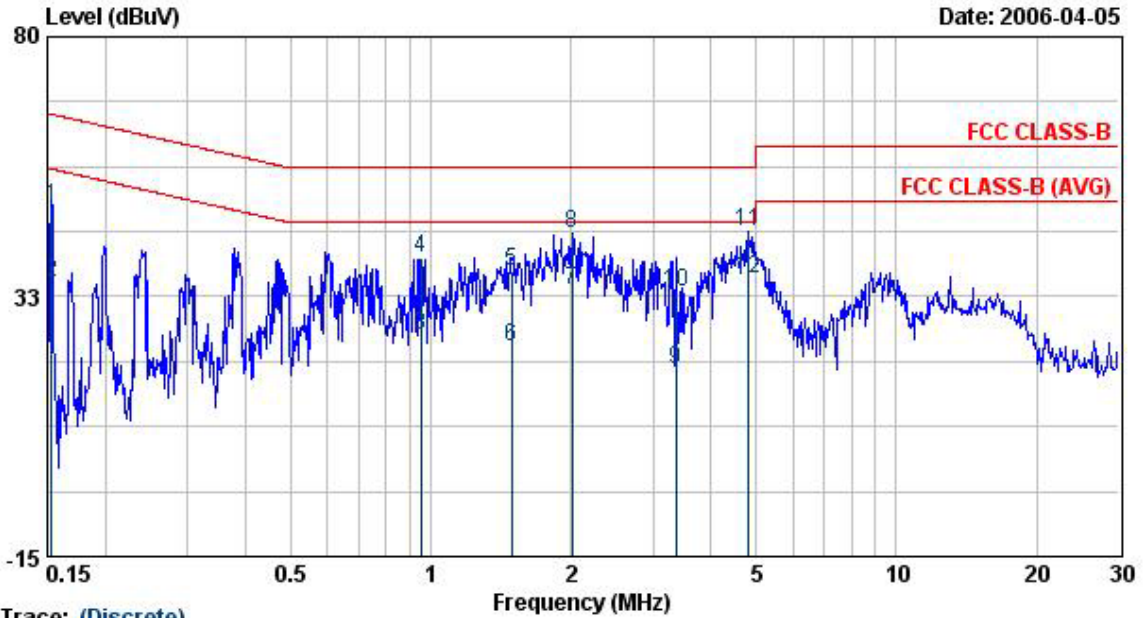
Trace: (Discrete)

Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.16	48.97	0.29	49.26	65.33	-16.07	QP
0.16	38.96	0.29	39.25	55.33	-16.08	AVERAGE
0.35	40.47	0.44	40.91	58.94	-18.03	QP
0.35	39.56	0.44	40.00	48.94	-8.94	AVERAGE
0.81	21.99	0.50	22.49	46.00	-23.51	AVERAGE
0.81	38.60	0.50	39.10	56.00	-16.90	QP
1.14	25.90	0.52	26.42	46.00	-19.58	AVERAGE
1.14	38.40	0.52	38.92	56.00	-17.08	QP
1.99	32.66	0.60	33.26	46.00	-12.74	AVERAGE
1.99	41.80	0.60	42.40	56.00	-13.60	QP
4.95	31.54	0.60	32.14	46.00	-13.86	AVERAGE
4.95	43.14	0.60	43.74	56.00	-12.26	QP

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

EUT : WNR834B
 Power : AC 120V
 Test Mode : 802.11MIMO CH1
 Memo : DSA-0131F-12 US 12

Pol/Phase : LINE
 Temperature : 25 °C
 Humidity : 65 %



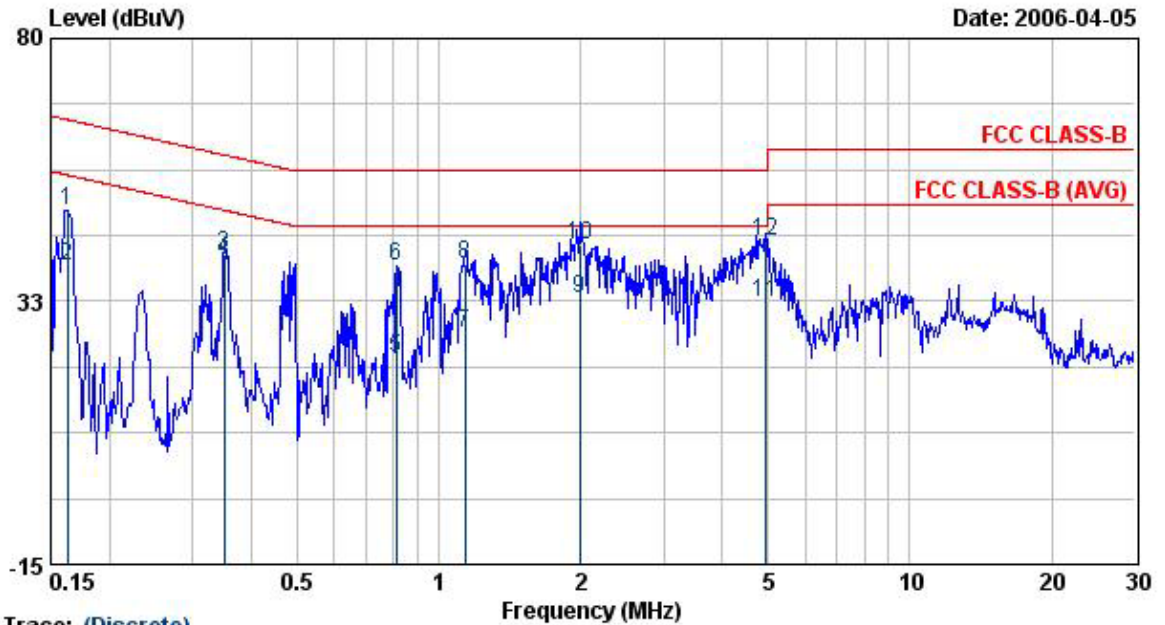
Trace: (Discrete)

Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.15	48.56	0.38	48.94	65.82	-16.89	QP
0.15	34.60	0.38	34.98	55.82	-20.85	AVERAGE
0.95	24.90	0.51	25.41	46.00	-20.59	AVERAGE
0.95	38.93	0.51	39.44	56.00	-16.56	QP
1.49	36.47	0.62	37.09	56.00	-18.91	QP
1.49	22.65	0.62	23.27	46.00	-22.73	AVERAGE
2.01	32.90	0.70	33.60	46.00	-12.40	AVERAGE
2.01	43.40	0.70	44.10	56.00	-11.90	QP
3.36	18.53	0.70	19.23	46.00	-26.77	AVERAGE
3.36	32.52	0.70	33.22	56.00	-22.78	QP
4.80	43.67	0.68	44.35	56.00	-11.65	QP
4.80	35.23	0.68	35.91	46.00	-10.09	AVERAGE

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

Test Mode 4:

EUT	: WNR834B	Pol/Phase	: NEUTRAL
Power	: AC 120V	Temperature	: 25 °C
Test Mode	: 802.11MIMO+CB CH3	Humidity	: 65 %
Memo	: DSA-0131F-12 US 12		



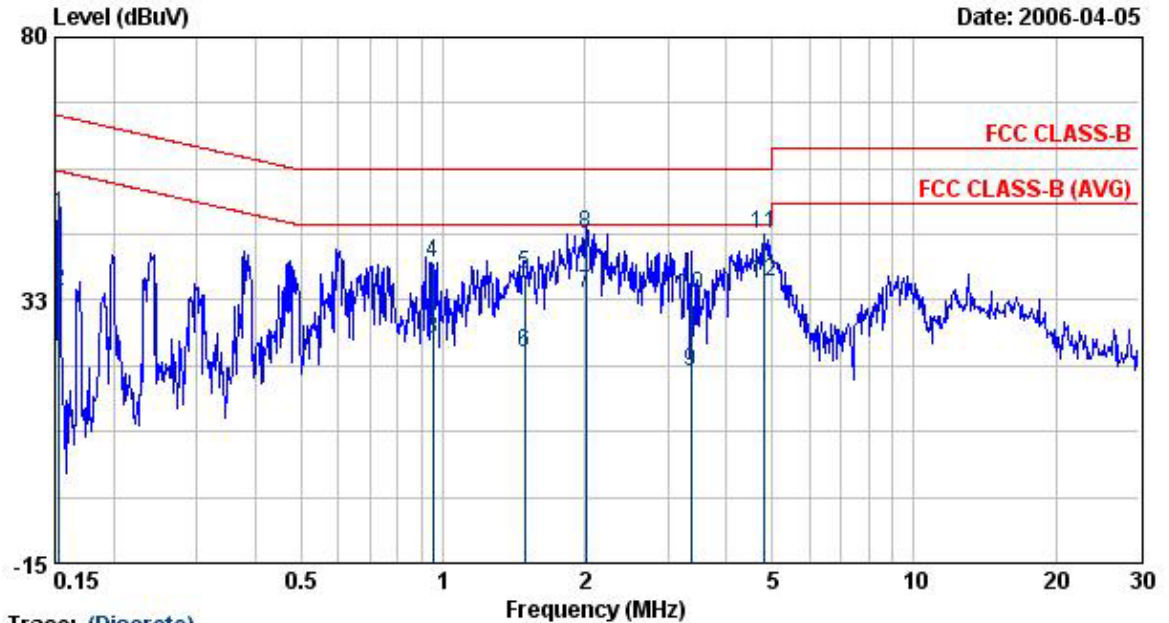
Trace: (Discrete)

Freq	Read	Factor	Level	Limit	Over	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.16	48.66	0.29	48.95	65.33	-16.38	QP
0.16	38.63	0.29	38.92	55.33	-16.41	AVERAGE
0.35	40.50	0.44	40.94	58.94	-18.00	QP
0.35	39.56	0.44	40.00	48.94	-8.94	AVERAGE
0.81	21.98	0.50	22.48	46.00	-23.52	AVERAGE
0.81	38.32	0.50	38.82	56.00	-17.18	QP
1.14	26.14	0.52	26.66	46.00	-19.34	AVERAGE
1.14	38.55	0.52	39.07	56.00	-16.93	QP
1.99	32.47	0.60	33.07	46.00	-12.93	AVERAGE
1.99	41.98	0.60	42.58	56.00	-13.42	QP
4.95	31.71	0.60	32.31	46.00	-13.69	AVERAGE
4.95	42.95	0.60	43.55	56.00	-12.45	QP

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

EUT : WNR834B
 Power : AC 120V
 Test Mode : 802.11MIMO+CB CH3
 Memo : DSA-0131F-12 US 12

Pol/Phase : LINE
 Temperature : 25 °C
 Humidity : 65 %



Trace: (Discrete)

Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.15	47.41	0.38	47.79	65.82	-18.04	QP
0.15	33.85	0.38	34.23	55.82	-21.60	AVERAGE
0.95	24.94	0.51	25.45	46.00	-20.55	AVERAGE
0.95	38.85	0.51	39.36	56.00	-16.64	QP
1.49	36.47	0.62	37.09	56.00	-18.91	QP
1.49	22.36	0.62	22.98	46.00	-23.02	AVERAGE
2.01	32.89	0.70	33.59	46.00	-12.41	AVERAGE
2.01	43.67	0.70	44.37	56.00	-11.63	QP
3.36	18.99	0.70	19.69	46.00	-26.31	AVERAGE
3.36	32.60	0.70	33.30	56.00	-22.70	QP
4.80	43.69	0.68	44.37	56.00	-11.63	QP
4.80	35.14	0.68	35.82	46.00	-10.18	AVERAGE

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

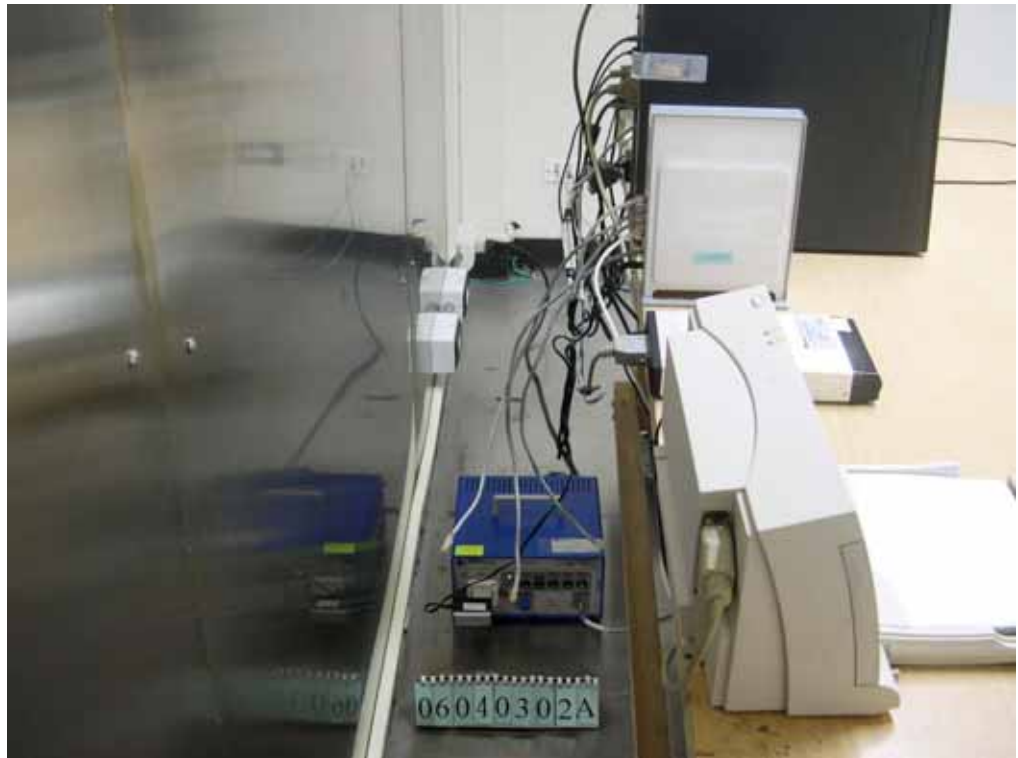
Test engineer: Ben

4.6 Test Photographs

Front View



Rear View



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

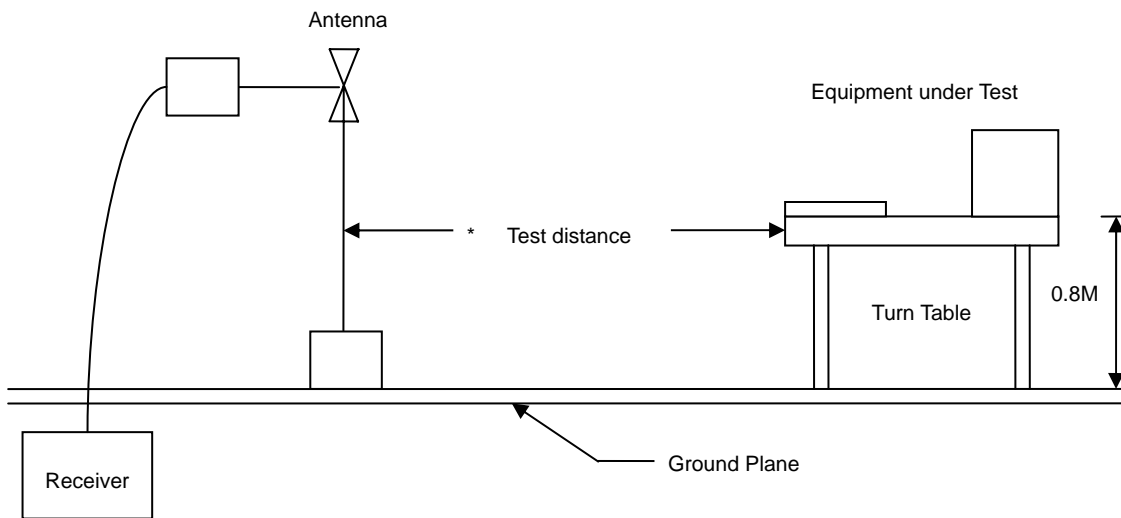
For unintentional device, according to CISPR PUB.22, for Class B digital devices, the general requirement of field strength of radiated emissions from intentional radiators at a distance of 10 meters shall not exceed the above table.

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

5.2 Test Procedures

1. The EUT was placed on a rotatable table top 0.8 meter above ground.
2. The EUT was set 3 meters from the interference receiving antenna which was mounted on the top of a variable height antenna tower.
3. The table was rotated 360 degrees to determine the position of the highest radiation.
4. 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.
5. 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.
6. Set the test-receiver system to Peak or CISPR quasi-peak Detect Function and specified bandwidth with Maximum Hold Mode.
7. 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.
8. 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



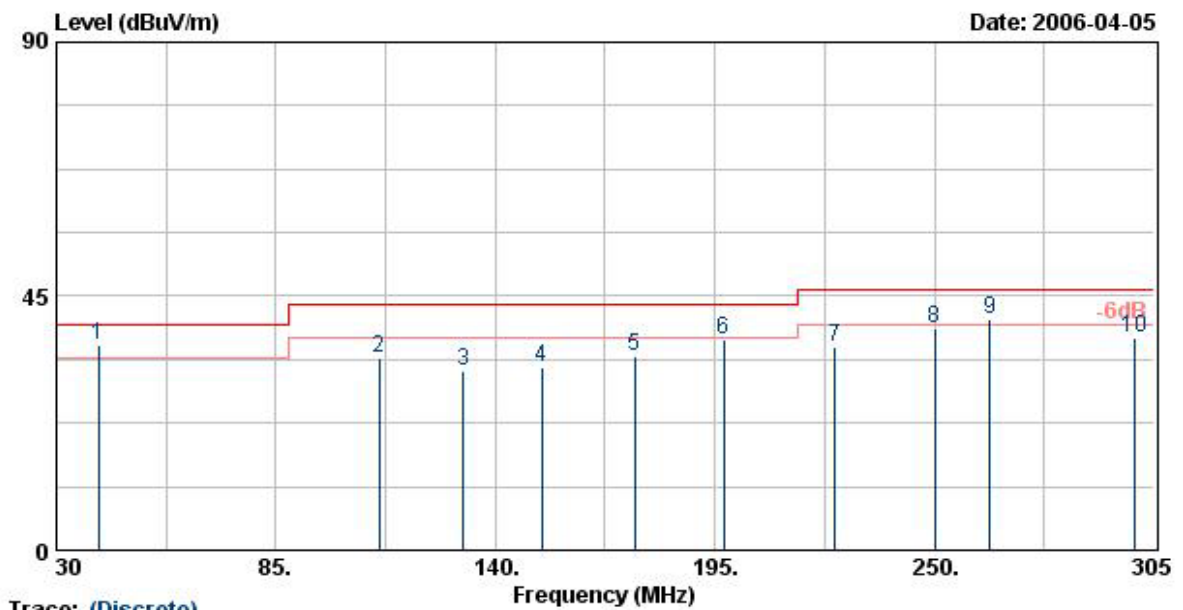
5.4 Measurement equipment

Instrument/Ancillary	Type	Manufacturer	Serial No.	Valid Date
EMI Receiver	8546A	HP	3807A00454	2006/04/13
Spectrum Analyzer	FSP40	R&S	10047	2007/01/16
Horn Antenna	3115	EMCO	31589	2007/02/12
Horn Antenna	3116	EMCO	31970	2007/02/09
Bilog Antenna	CBL6112B	Schaffner	2840	2006/04/11
Amplifier	8449B	Agilent	3008A01954	2007/01/08
Amplifier	8447D	Agilent	2944A10531	2006/08/09

5.5 Test Result and Data

Test Mode 1, 2:

EUT	: WNR834B	Pol/Phase	: HORIZONTAL
Power	: AC 120V	Temperature	: 25 °C
Test Mode	: Transmit/Receive	Humidity	: 70 %
Operation Channel	: 1	Atmospheric Pressure	: 1010 mmHg
Modulation Type	: 802.11g		
Rate	: 6 Mbps		
Memo	: DSA-0131F-12 US 12		

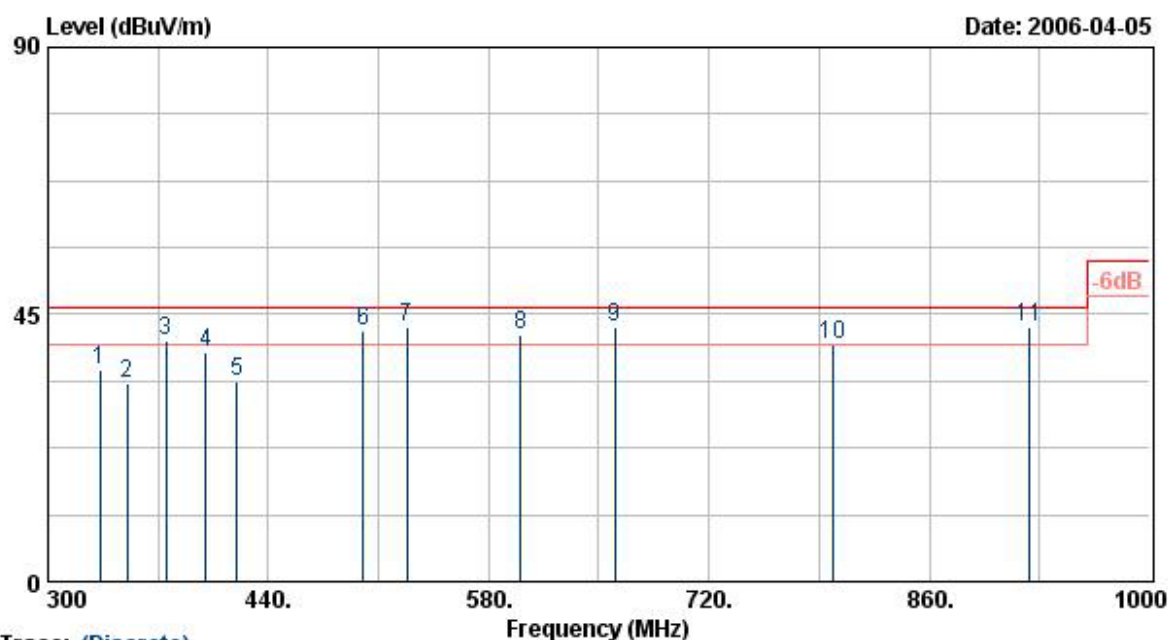


Frequency (MHz)	Meter Reading (dBUV)	Corrected Factor (dBUV/m)	Result (dBUV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
40.45	49.88	-13.44	36.44	40.00	-3.56	QP	63	200
110.78	50.41	-16.42	33.99	43.50	-9.51	Peak	147	200
132.00	47.65	-15.75	31.90	43.50	-11.60	Peak	88	200
151.54	48.74	-16.43	32.31	43.50	-11.19	Peak	88	200
175.01	52.00	-17.79	34.21	43.50	-9.29	Peak	360	200
197.10	55.26	-17.94	37.32	43.50	-6.18	Peak	360	200
225.00	53.14	-17.07	36.07	46.00	-9.93	Peak	242	200
250.00	53.45	-14.03	39.43	46.00	-6.58	Peak	193	200
264.00	53.88	-12.98	40.90	46.00	-5.10	QP	200	200
300.02	50.70	-13.21	37.49	46.00	-8.51	Peak	0	200

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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.

EUT : WNR834B
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel : 1
 Modulation Type : 802.11g
 Rate : 6 Mbps
 Memo : DSA-0131F-12 US 12
 Pol/Phase : HORIZONTAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure : 1010 mmHg



Trace: (Discrete)

Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
333.33	47.80	-12.06	35.74	46.00	-10.26	Peak	0	200
350.00	44.87	-11.55	33.32	46.00	-12.68	Peak	0	200
375.01	51.33	-10.75	40.58	46.00	-5.42	QP	66	200
400.02	48.67	-10.12	38.55	46.00	-7.45	Peak	100	200
420.00	42.99	-9.24	33.75	46.00	-12.25	Peak	32	200
500.00	48.72	-6.58	42.14	46.00	-3.86	QP	83	200
527.99	48.14	-5.32	42.82	46.00	-3.18	QP	83	200
600.01	45.49	-3.79	41.70	46.00	-4.30	QP	255	200
660.01	45.74	-2.89	42.85	46.00	-3.15	QP	300	200
798.50	41.30	-1.53	39.77	46.00	-6.23	Peak	360	200
924.03	42.32	0.64	42.96	46.00	-3.04	QP	360	200

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss - Amplifier
3. The resolution bandwidth 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.