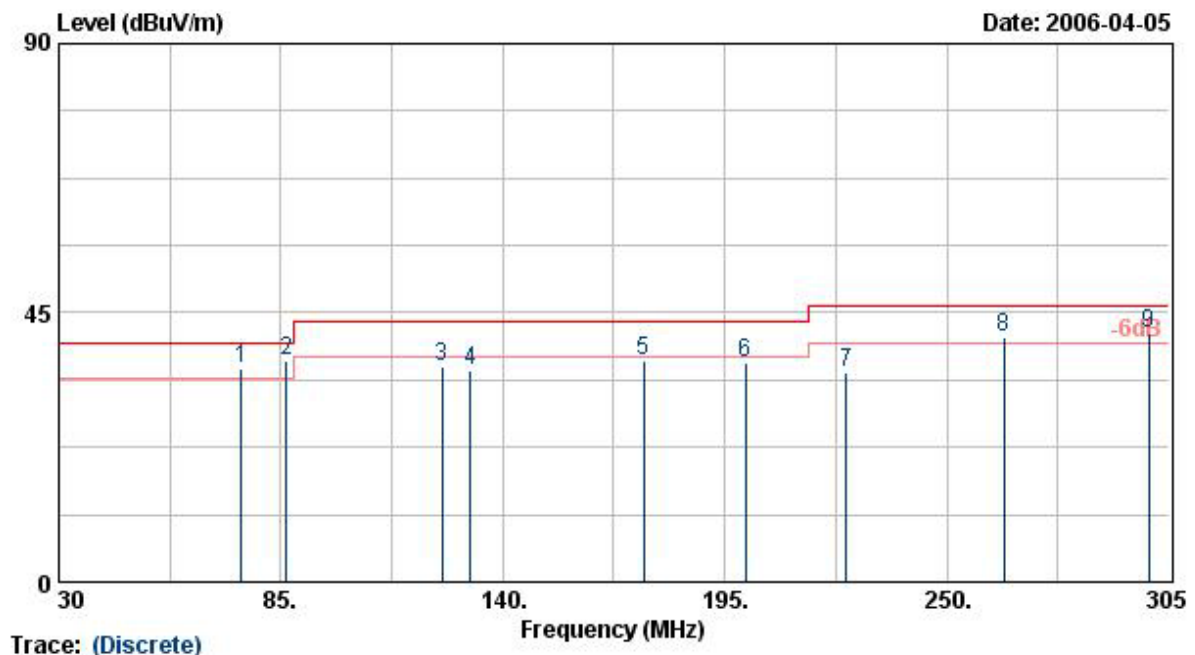


EUT : WNR834B
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel: 1
 Modulation Type : 802.11g
 Rate : 6 Mbps
 Memo : DSA-0131F-12 US 12

Pol/Phase : VERTICAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure: 1010 mmHg



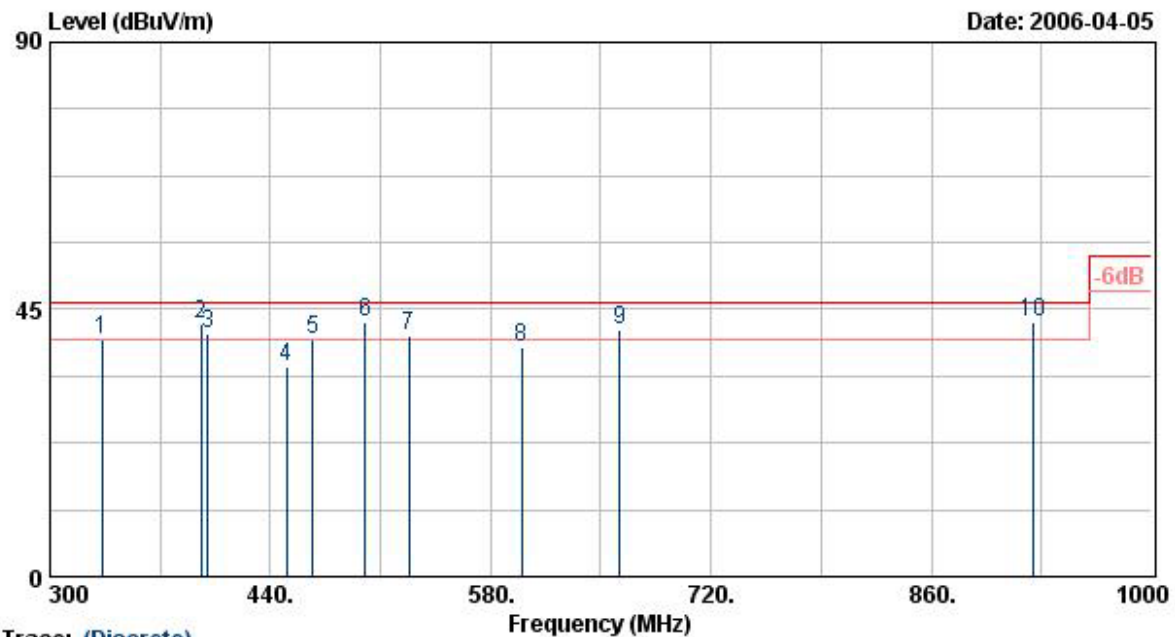
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
75.20	55.83	-20.26	35.57	40.00	-4.43	QP	66	100
86.41	55.80	-18.83	36.97	40.00	-3.03	QP	0	100
125.00	51.59	-15.68	35.91	43.50	-7.59	Peak	185	100
132.00	51.22	-15.75	35.47	43.50	-8.03	Peak	25	100
174.99	54.86	-17.79	37.07	43.50	-6.43	Peak	321	100
200.00	54.54	-18.01	36.53	43.50	-6.97	Peak	360	100
225.01	52.00	-17.07	34.93	46.00	-11.07	Peak	360	100
264.02	53.79	-12.99	40.80	46.00	-5.20	QP	333	100
300.01	54.78	-13.21	41.57	46.00	-4.43	QP	78	100

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 : VERTICAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure: 1010 mmHg



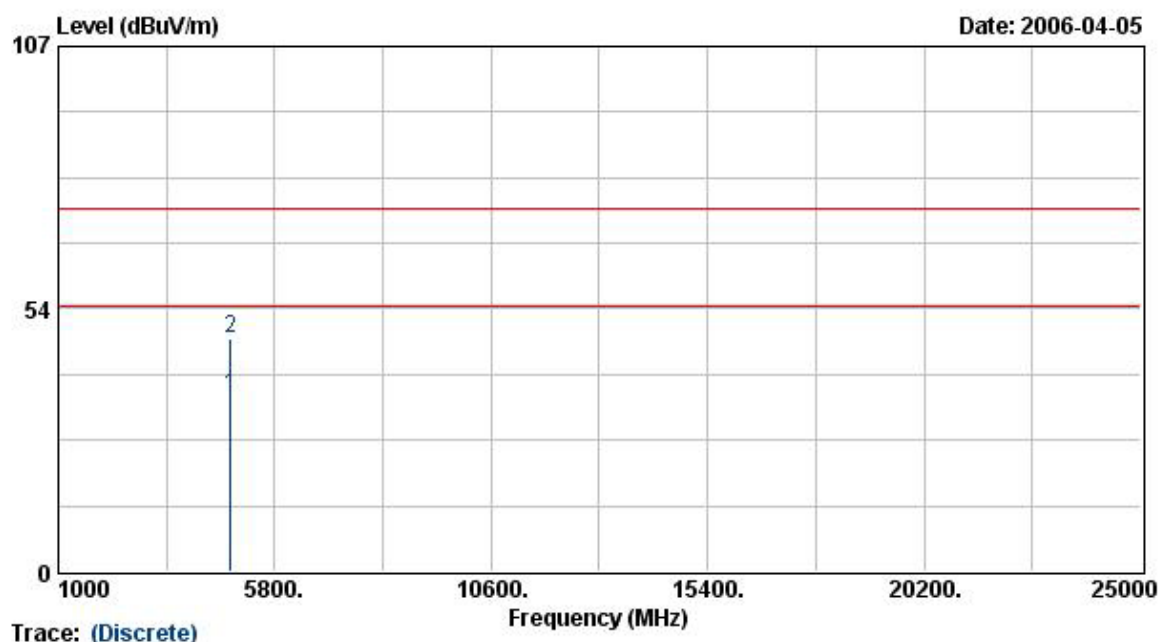
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
333.33	51.96	-12.06	39.90	46.00	-6.10	Peak	354	100
396.00	52.89	-10.23	42.66	46.00	-3.34	QP	47	100
400.00	50.96	-10.12	40.84	46.00	-5.16	QP	47	100
450.00	43.57	-8.20	35.37	46.00	-10.63	Peak	0	100
466.67	47.66	-7.66	40.00	46.00	-6.00	QP	97	100
500.00	49.41	-6.58	42.83	46.00	-3.17	QP	97	100
528.01	45.92	-5.32	40.60	46.00	-5.40	QP	59	100
600.00	42.25	-3.79	38.46	46.00	-7.54	Peak	193	100
661.82	44.50	-2.92	41.58	46.00	-4.42	QP	193	100
924.10	42.34	0.64	42.98	46.00	-3.02	QP	360	100

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 : 802.11b
 Rate : 11 Mbps
 Memo : DSA-0131F-12 US 12

Pol/Phase : HORIZONTAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure : 1010 mmHg



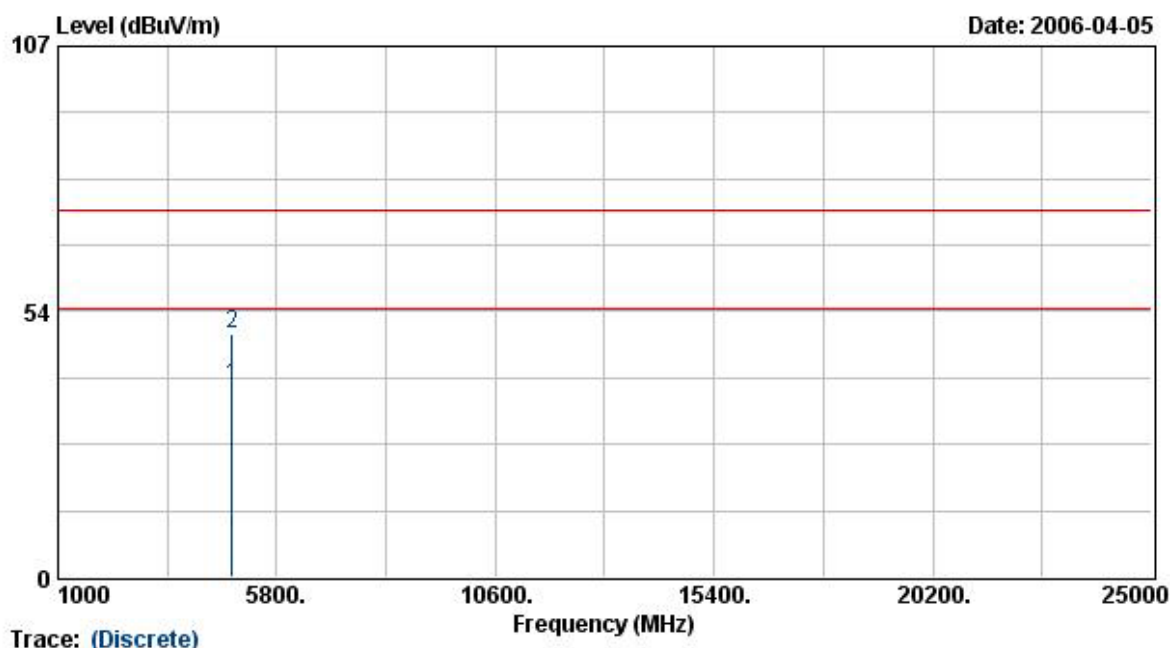
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant. High (cm)
4823.88	30.04	5.71	35.74	54.00	-18.26	Average	92	100
4823.88	41.77	5.71	47.48	74.00	-26.52	Peak	92	100

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. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.

EUT : WNR834B
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel : 1
 Modulation Type : 802.11b
 Rate : 11 Mbps
 Memo : DSA-0131F-12 US 12

Pol/Phase : VERTICAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure : 1010 mmHg



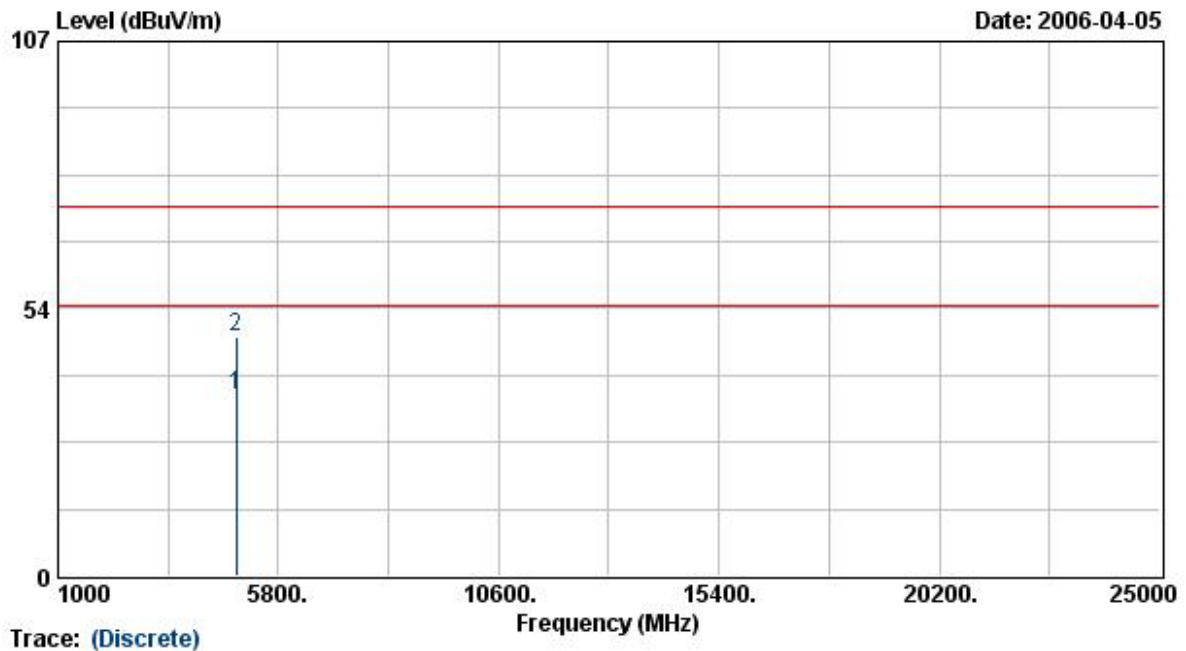
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4824.00	32.88	5.71	38.58	54.00	-15.42	Average	267	100
4824.00	43.44	5.71	49.15	74.00	-24.85	Peak	267	100

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. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.

EUT : WNR834B
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel : 6
 Modulation Type : 802.11b
 Rate : 11 Mbps
 Memo : DSA-0131F-12 US 12

Pol/Phase : HORIZONTAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure : 1010 mmHg



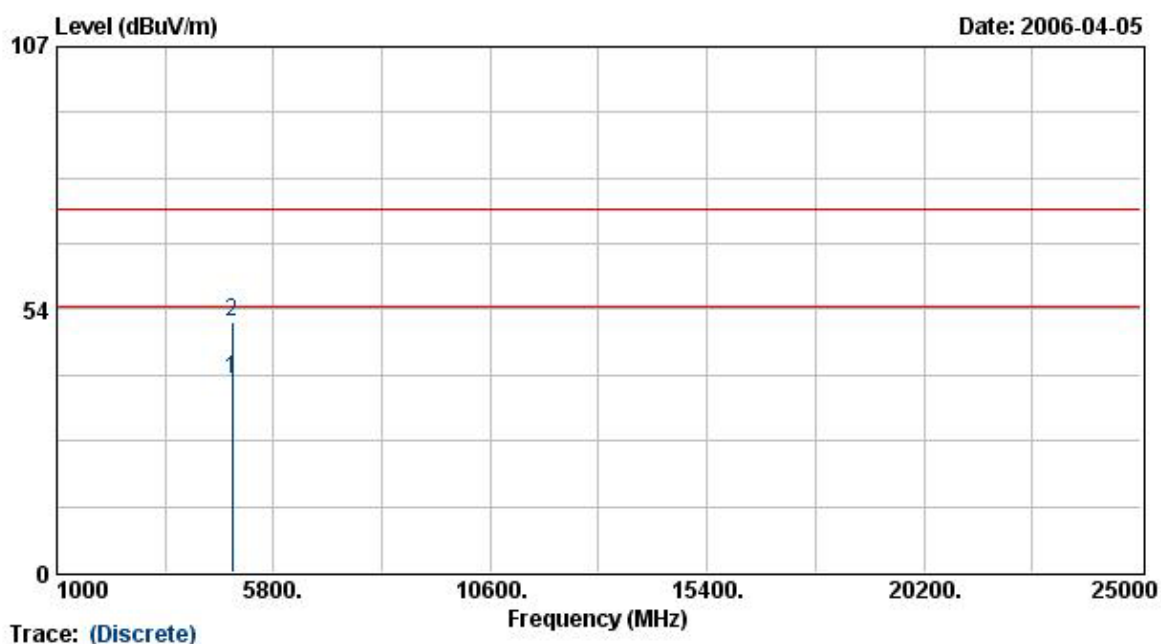
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4874.00	30.23	5.85	36.07	54.00	-17.93	Average	92	100
4874.00	41.87	5.85	47.72	74.00	-26.28	Peak	92	100

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. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.

EUT : WNR834B
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel : 6
 Modulation Type : 802.11b
 Rate : 11 Mbps
 Memo : DSA-0131F-12 US 12

Pol/Phase : VERTICAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure : 1010 mmHg



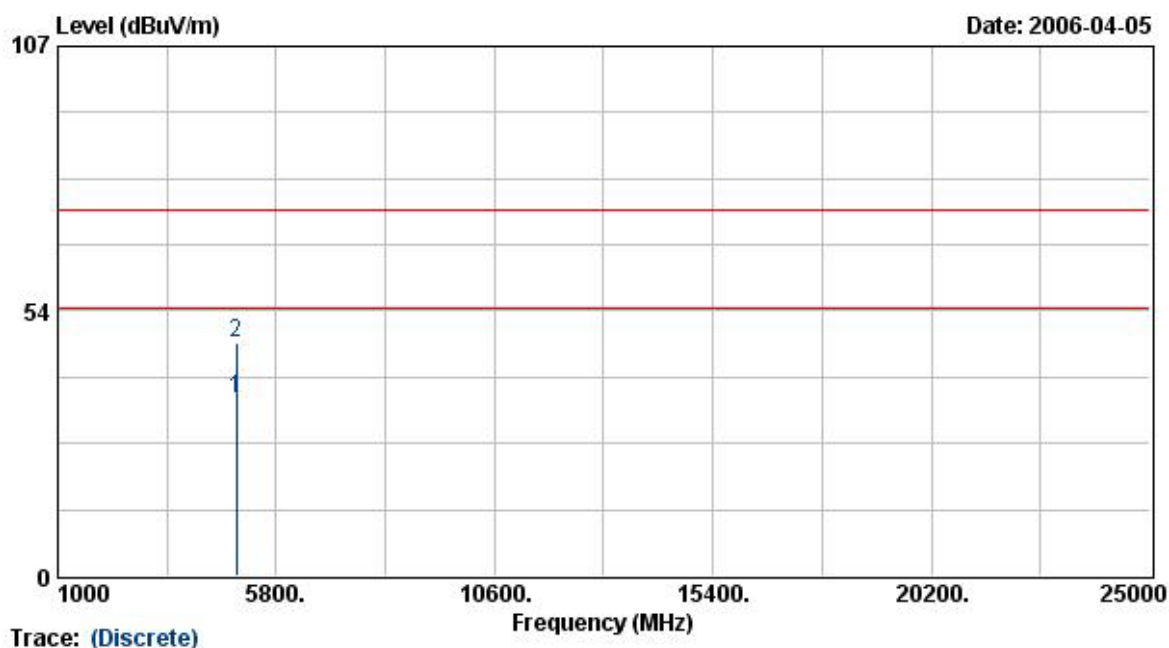
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4874.00	33.55	5.85	39.39	54.00	-14.61	Average	267	100
4874.00	44.97	5.85	50.82	74.00	-23.18	Peak	267	100

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. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.

EUT : WNR834B
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel : 11
 Modulation Type : 802.11b
 Rate : 11 Mbps
 Memo : DSA-0131F-12 US 12

Pol/Phase : HORIZONTAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure : 1010 mmHg



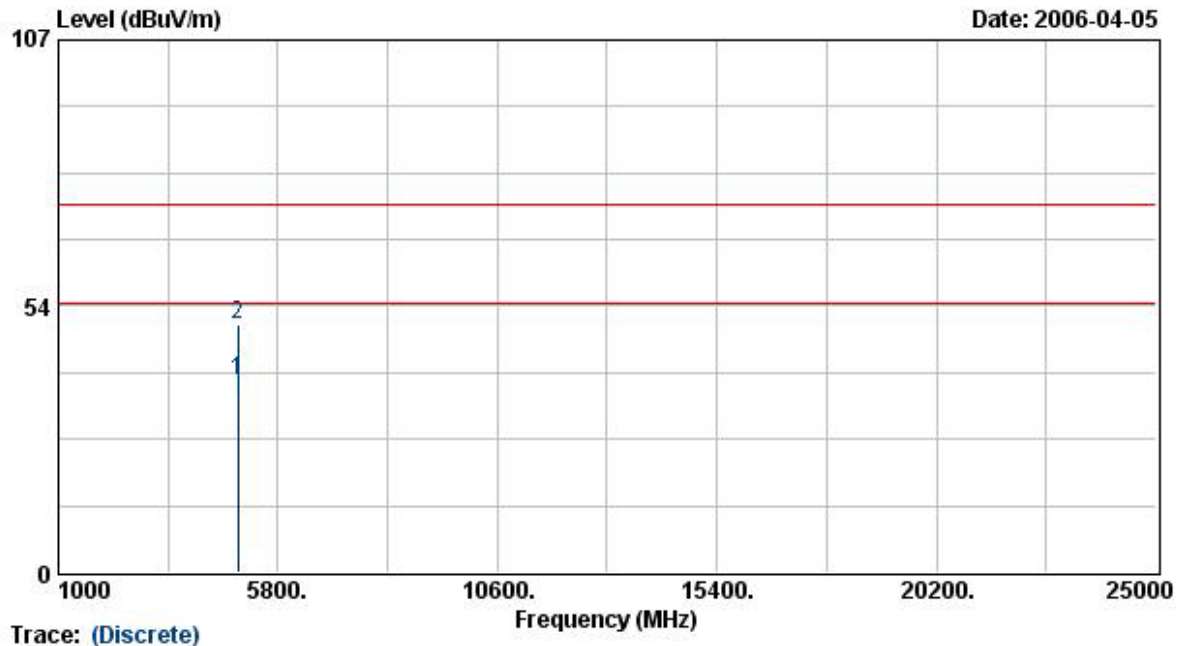
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4923.88	29.93	5.99	35.91	54.00	-18.09	Average	92	100
4923.88	41.19	5.99	47.18	74.00	-26.82	Peak	92	100

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. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.

EUT : WNR834B
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel: 11
 Modulation Type : 802.11b
 Rate : 11 Mbps
 Memo : DSA-0131F-12 US 12

Pol/Phase : VERTICAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure: 1010 mmHg



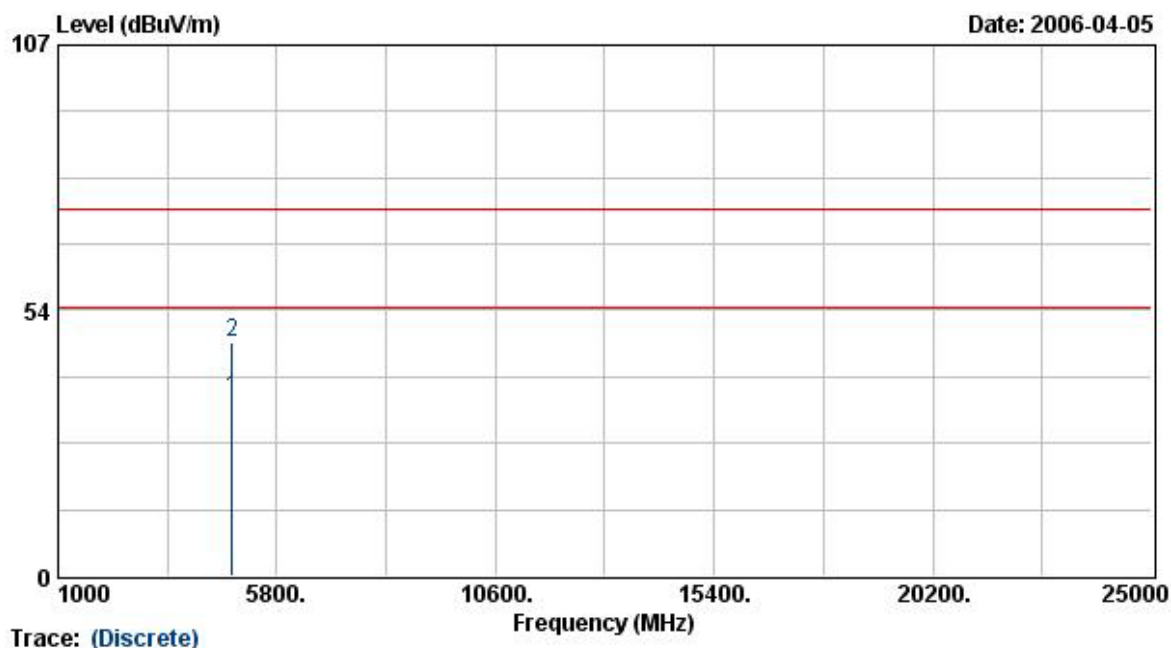
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4924.00	32.67	5.99	38.66	54.00	-15.34	Average	267	100
4924.00	43.97	5.99	49.95	74.00	-24.05	Peak	267	100

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. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.

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



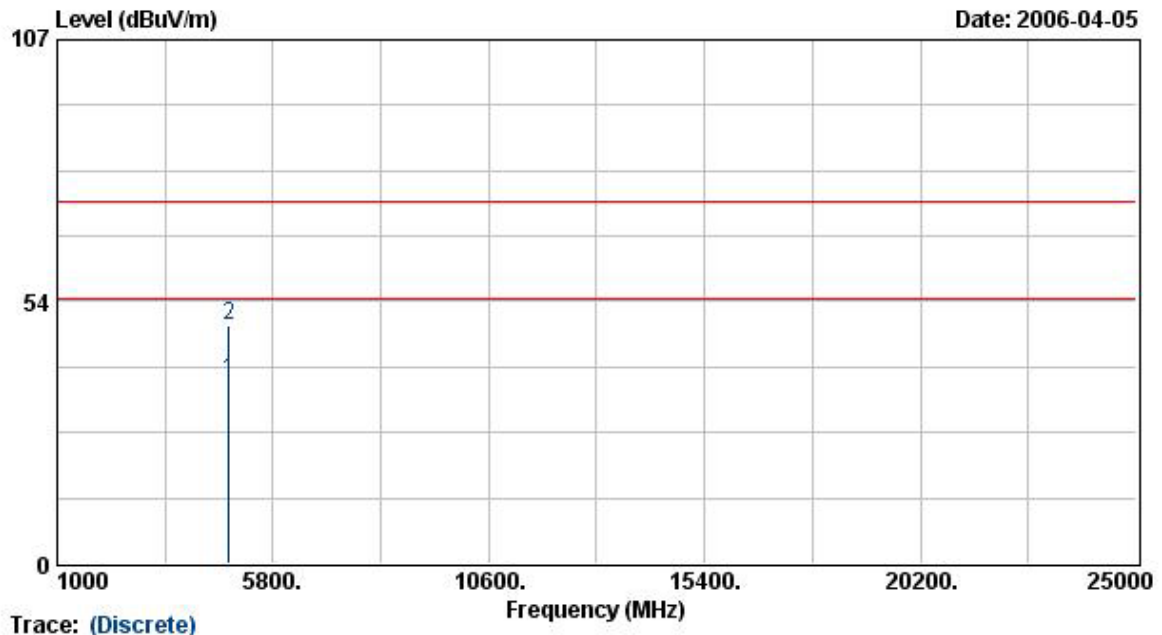
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4824.13	29.99	5.71	35.69	54.00	-18.31	Average	92	100
4824.13	41.49	5.71	47.19	74.00	-26.81	Peak	92	100

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. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.

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 : VERTICAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure: 1010 mmHg



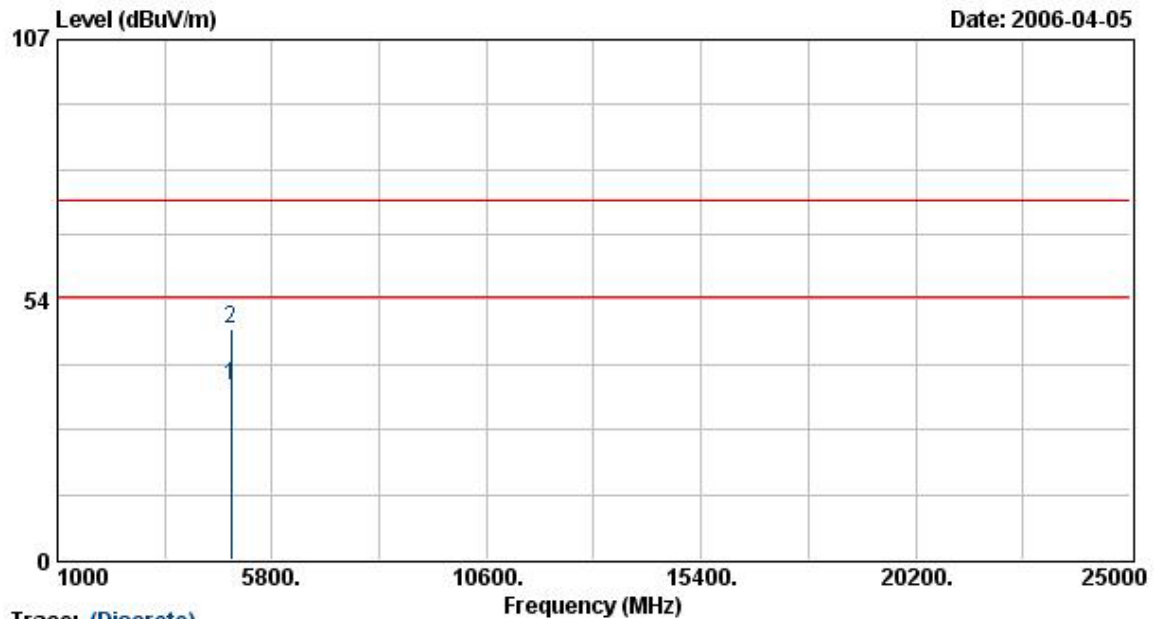
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4824.00	31.56	5.71	37.26	54.00	-16.74	Average	267	100
4824.00	43.06	5.71	48.76	74.00	-25.24	Peak	267	100

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. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.

EUT : WNR834B
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel : 6
 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



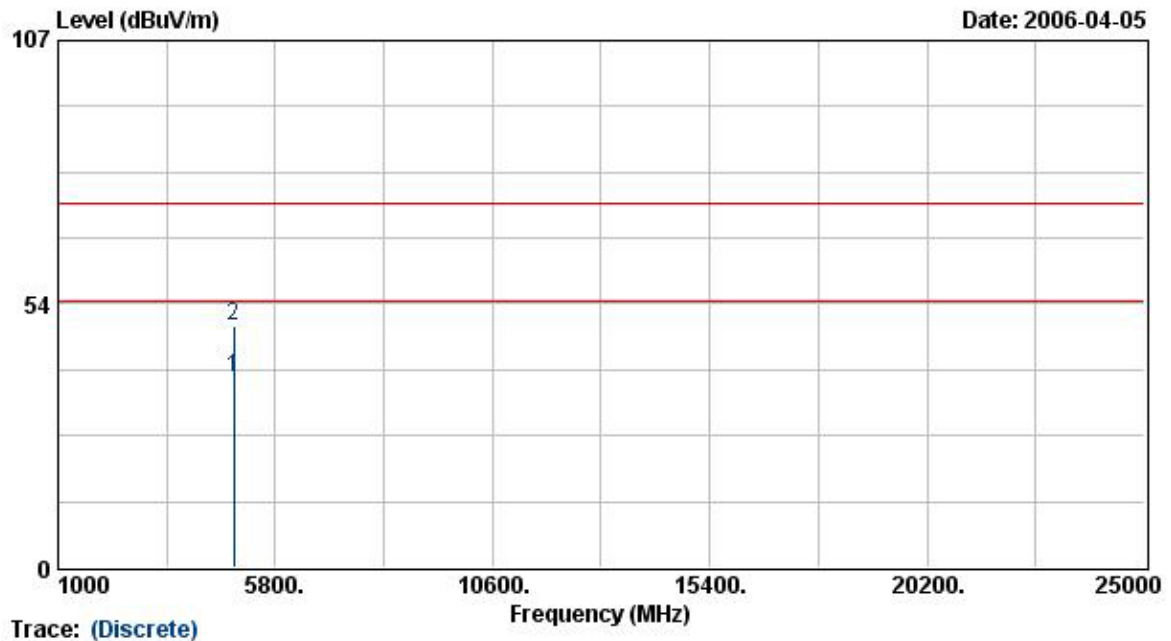
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4874.00	30.06	5.85	35.90	54.00	-18.10	Average	92	100
4874.00	41.60	5.85	47.44	74.00	-26.56	Peak	92	100

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. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.

EUT : WNR834B
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel : 6
 Modulation Type : 802.11g
 Rate : 6 Mbps
 Memo : DSA-0131F-12 US 12

Pol/Phase : VERTICAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure : 1010 mmHg



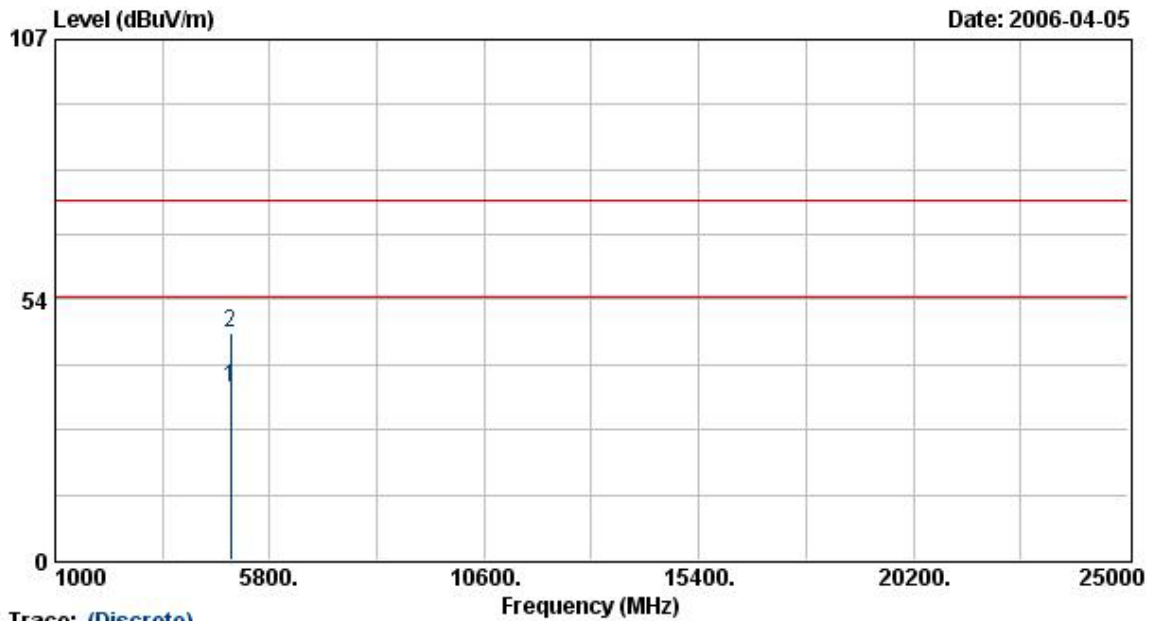
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4873.88	32.63	5.85	38.47	54.00	-15.53	Average	267	100
4873.88	43.27	5.85	49.12	74.00	-24.88	Peak	267	100

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. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.

EUT : WNR834B
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel: 11
 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



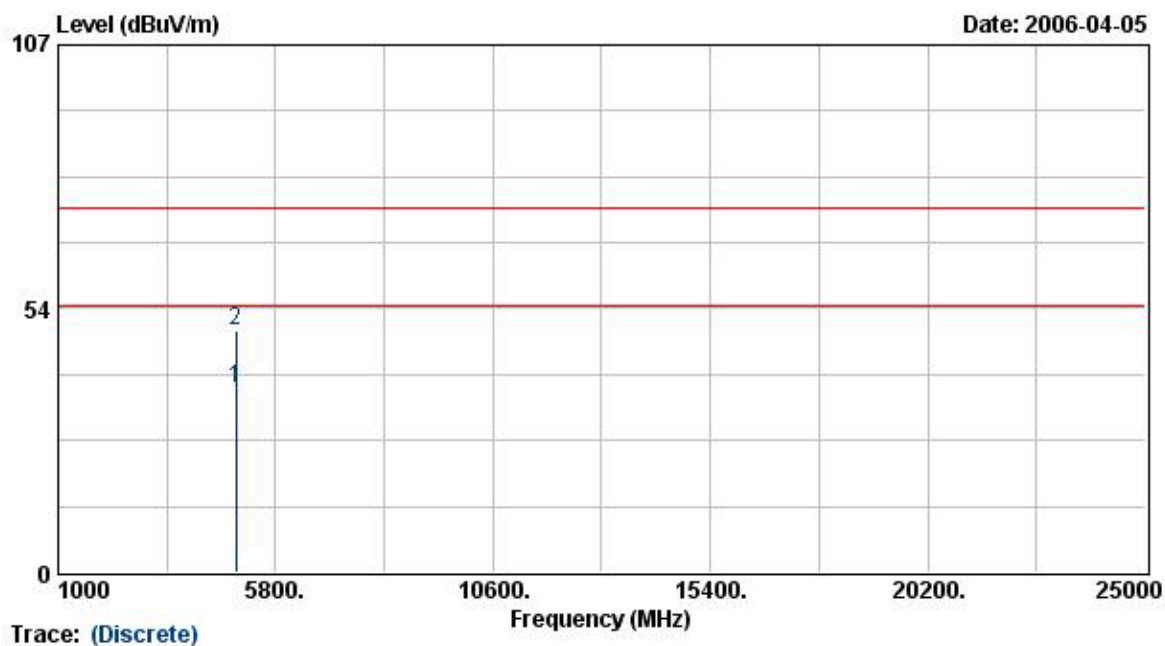
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4924.00	29.25	5.99	35.23	54.00	-18.77	Average	92	100
4924.00	40.85	5.99	46.83	74.00	-27.17	Peak	92	100

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. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.

EUT : WNR834B
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel: 11
 Modulation Type : 802.11g
 Rate : 6 Mbps
 Memo : DSA-0131F-12 US 12

Pol/Phase : VERTICAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure: 1010 mmHg



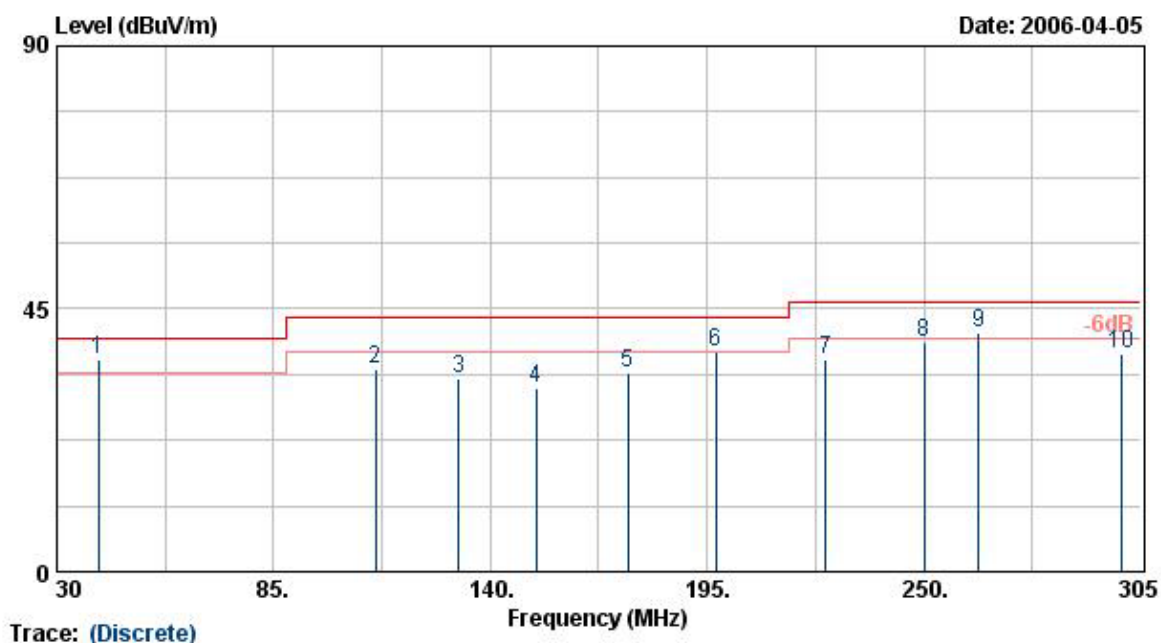
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4924.00	31.55	5.99	37.53	54.00	-16.47	Average	267	100
4924.00	43.15	5.99	49.14	74.00	-24.86	Peak	267	100

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. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.

Test Mode 3:

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	: 802.11MIMO		
Rate	: 130 Mbps		
Memo	: DSA-0131F-12 US 12		



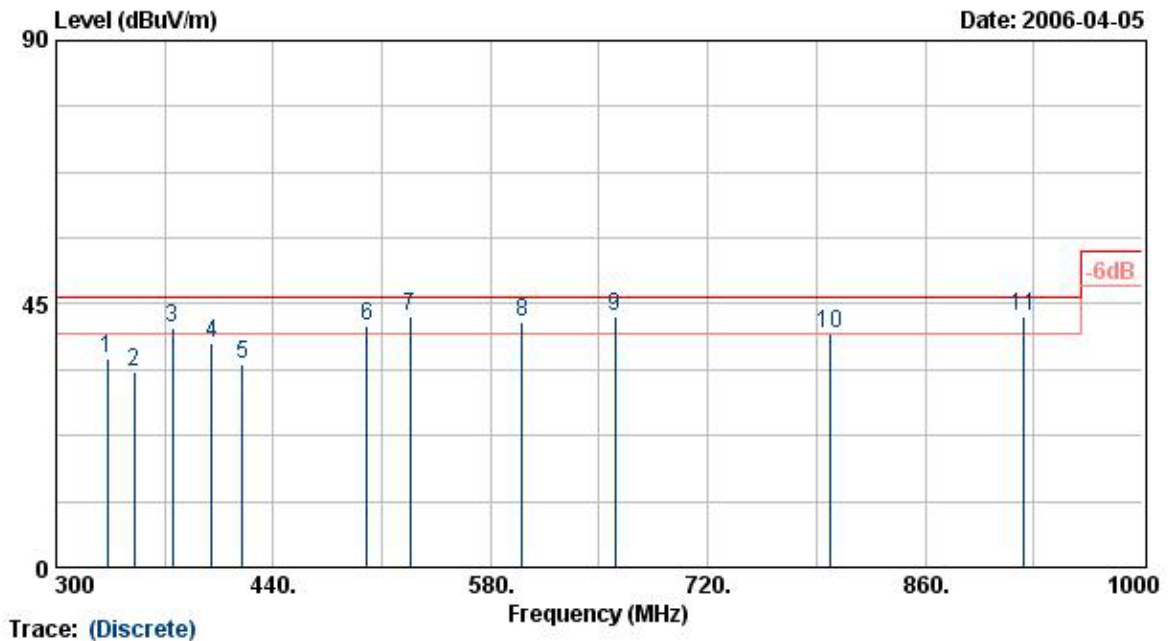
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
40.45	49.80	-13.44	36.36	40.00	-3.64	QP	63	200
110.78	51.02	-16.42	34.60	43.50	-8.90	Peak	147	200
132.00	48.65	-15.75	32.90	43.50	-10.60	Peak	88	200
151.54	47.74	-16.43	31.31	43.50	-12.19	Peak	88	200
175.01	51.87	-17.79	34.08	43.50	-9.42	Peak	360	200
197.10	55.66	-17.94	37.72	43.50	-5.78	QP	360	200
225.00	53.47	-17.07	36.40	46.00	-9.60	Peak	242	200
250.00	53.40	-14.03	39.38	46.00	-6.63	Peak	193	200
264.00	53.96	-12.98	40.98	46.00	-5.02	QP	200	200
300.02	50.44	-13.21	37.23	46.00	-8.77	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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

EUT : WNR834B
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel: 1
 Modulation Type : 802.11MIMO
 Rate : 130 Mbps
 Memo : DSA-0131F-12 US 12

Pol/Phase : HORIZONTAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure: 1010 mmHg



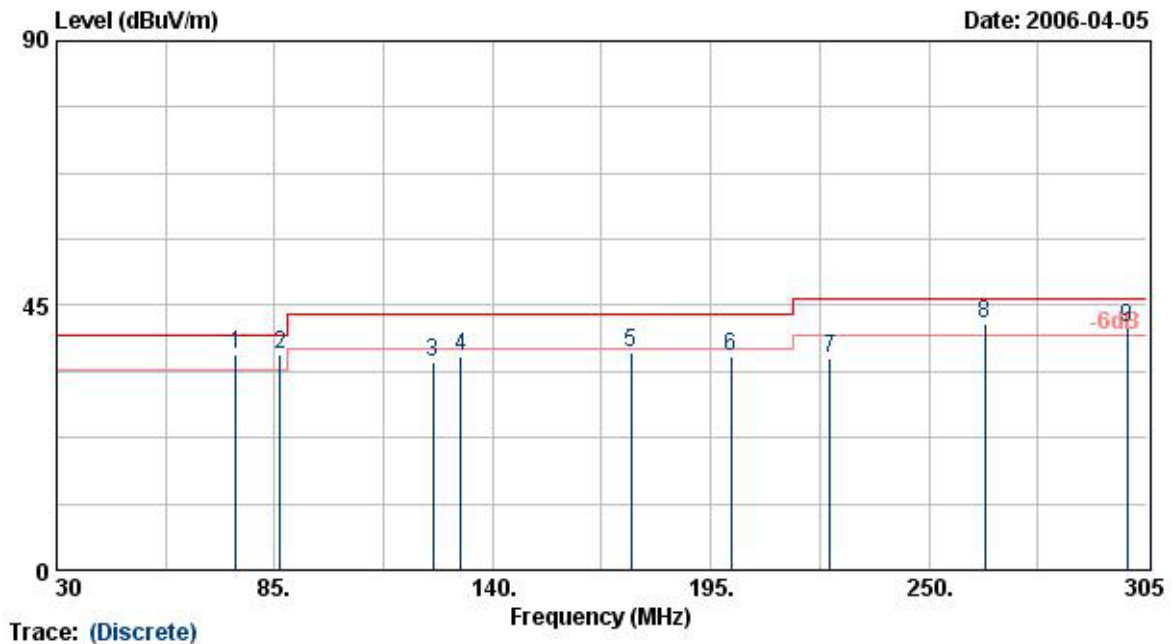
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
333.33	47.66	-12.06	35.60	46.00	-10.40	Peak	0	200
350.00	44.87	-11.55	33.32	46.00	-12.68	Peak	0	200
375.01	51.55	-10.75	40.80	46.00	-5.20	QP	66	200
400.02	48.40	-10.12	38.28	46.00	-7.72	Peak	100	200
420.00	43.81	-9.24	34.57	46.00	-11.43	Peak	32	200
500.00	47.72	-6.58	41.14	46.00	-4.86	QP	83	200
527.99	48.04	-5.32	42.72	46.00	-3.28	QP	83	200
600.01	45.61	-3.79	41.82	46.00	-4.18	QP	255	200
660.01	45.70	-2.89	42.81	46.00	-3.19	QP	300	200
798.50	41.30	-1.53	39.77	46.00	-6.23	Peak	360	200
924.03	42.30	0.64	42.94	46.00	-3.06	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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 1,6,11 are almost the same below 1GHz, so that the channel 1 was chosen as representative in final test.
5. The data is worse case.

EUT : WNR834B
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel : 1
 Modulation Type : 802.11MIMO
 Rate : 130 Mbps
 Memo : DSA-0131F-12 US 12

Pol/Phase : VERTICAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure : 1010 mmHg



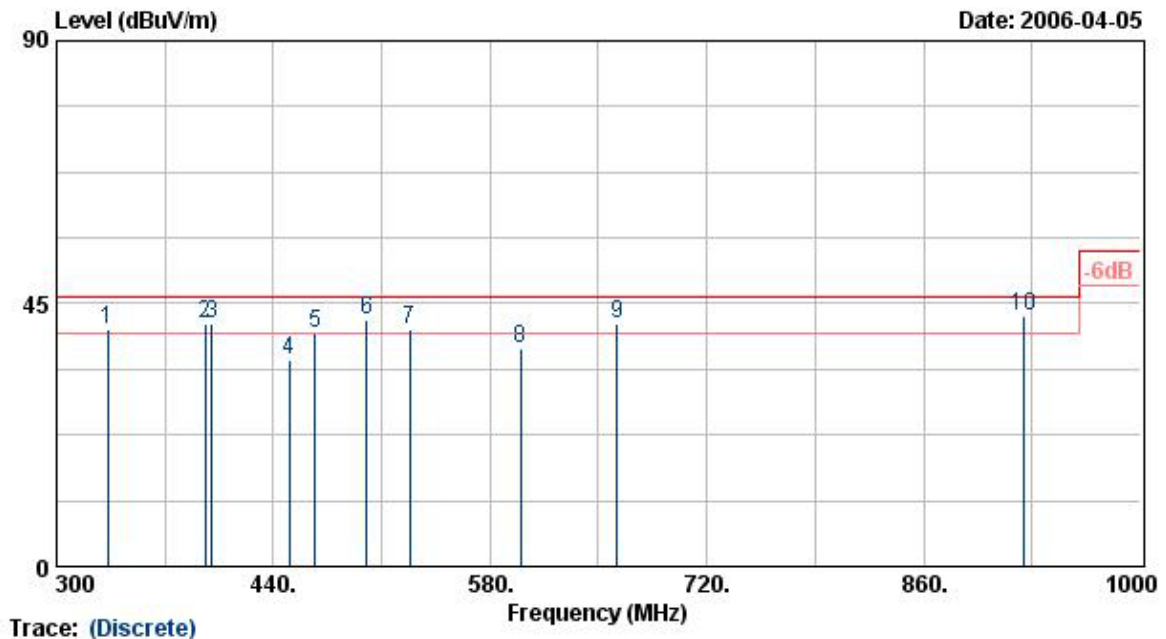
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
75.20	56.83	-20.26	36.57	40.00	-3.43	QP	66	100
86.41	55.40	-18.83	36.57	40.00	-3.43	QP	0	100
125.00	51.16	-15.68	35.48	43.50	-8.02	Peak	185	100
132.00	51.96	-15.75	36.21	43.50	-7.29	Peak	25	100
174.99	54.77	-17.79	36.98	43.50	-6.52	Peak	321	100
200.00	54.33	-18.01	36.32	43.50	-7.18	Peak	360	100
225.01	53.00	-17.07	35.93	46.00	-10.07	Peak	360	100
264.02	54.79	-12.99	41.80	46.00	-4.20	QP	333	100
300.01	54.44	-13.21	41.23	46.00	-4.77	QP	78	100

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

EUT : WNR834B
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel : 1
 Modulation Type : 802.11MIMO
 Rate : 130 Mbps
 Memo : DSA-0131F-12 US 12

Pol/Phase : VERTICAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure : 1010 mmHg



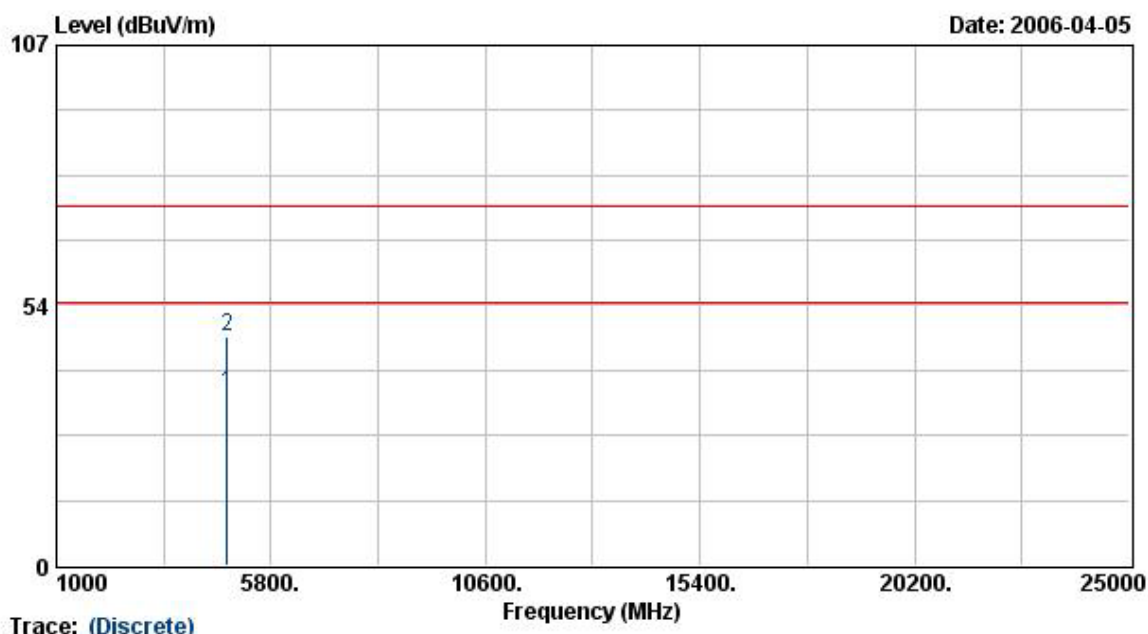
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
333.33	52.68	-12.06	40.62	46.00	-5.38	QP	354	100
396.00	51.89	-10.23	41.66	46.00	-4.34	QP	47	100
400.00	51.54	-10.12	41.42	46.00	-4.58	QP	47	100
450.00	43.69	-8.20	35.49	46.00	-10.51	Peak	0	100
466.67	47.60	-7.66	39.94	46.00	-6.06	QP	97	100
500.00	48.87	-6.58	42.29	46.00	-3.71	QP	97	100
528.01	45.78	-5.32	40.46	46.00	-5.54	QP	59	100
600.00	41.25	-3.79	37.46	46.00	-8.54	Peak	193	100
661.82	44.59	-2.92	41.67	46.00	-4.33	QP	193	100
924.10	42.30	0.64	42.94	46.00	-3.06	QP	360	100

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

EUT : WNR834B
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel : 1
 Modulation Type : 802.11MIMO
 Rate : 130 Mbps
 Memo : DSA-0131F-12 US 12

Pol/Phase : HORIZONTAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure : 1010 mmHg



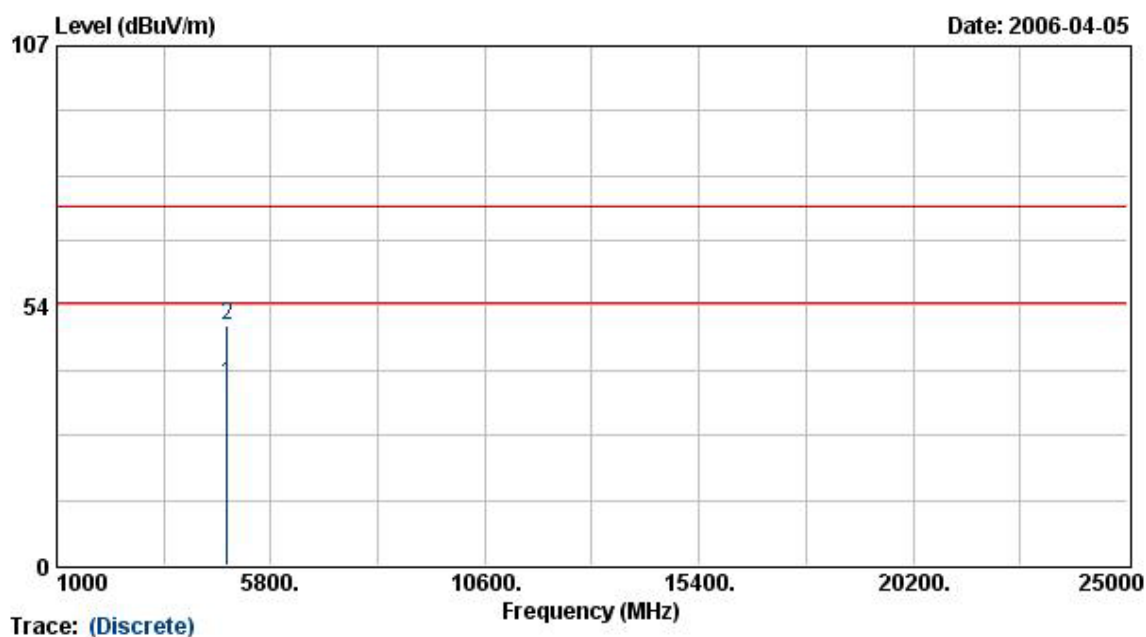
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4824.13	29.87	5.71	35.58	54.00	-18.42	Average	92	100
4824.13	41.47	5.71	47.18	74.00	-26.82	Peak	92	100

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. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.

EUT : WNR834B
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel: 1
 Modulation Type : 802.11MIMO
 Rate : 130 Mbps
 Memo : DSA-0131F-12 US 12

Pol/Phase : VERTICAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure: 1010 mmHg



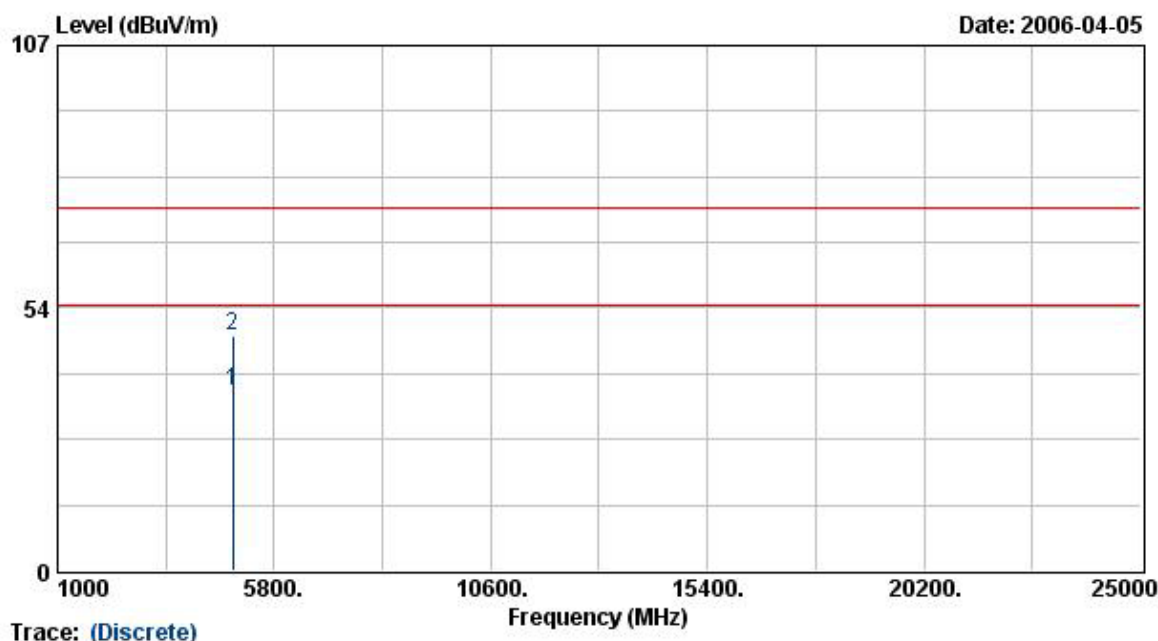
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4824.00	31.57	5.71	37.28	54.00	-16.72	Average	267	100
4824.00	43.56	5.71	49.26	74.00	-24.74	Peak	267	100

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. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.

EUT : WNR834B
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel: 6
 Modulation Type : 802.11MIMO
 Rate : 130 Mbps
 Memo : DSA-0131F-12 US 12

Pol/Phase : HORIZONTAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure: 1010 mmHg



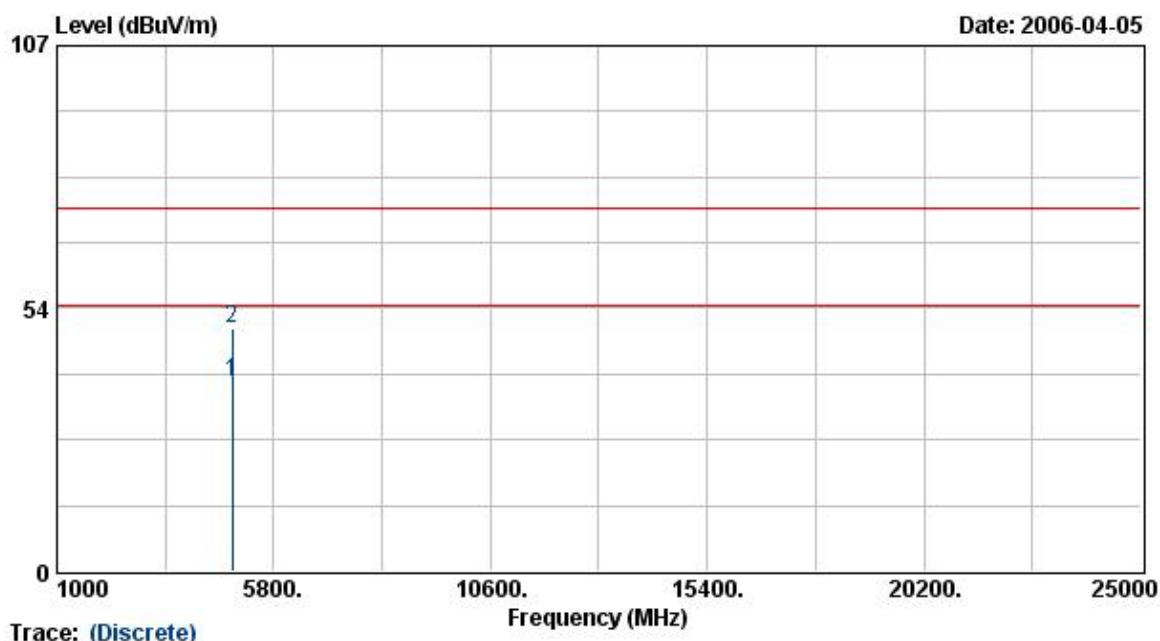
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4874.00	30.57	5.85	36.42	54.00	-17.58	Average	92	100
4874.00	41.96	5.85	47.80	74.00	-26.20	Peak	92	100

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. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.

EUT : WNR834B
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel: 6
 Modulation Type : 802.11MIMO
 Rate : 130 Mbps
 Memo : DSA-0131F-12 US 12

Pol/Phase : VERTICAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure: 1010 mmHg



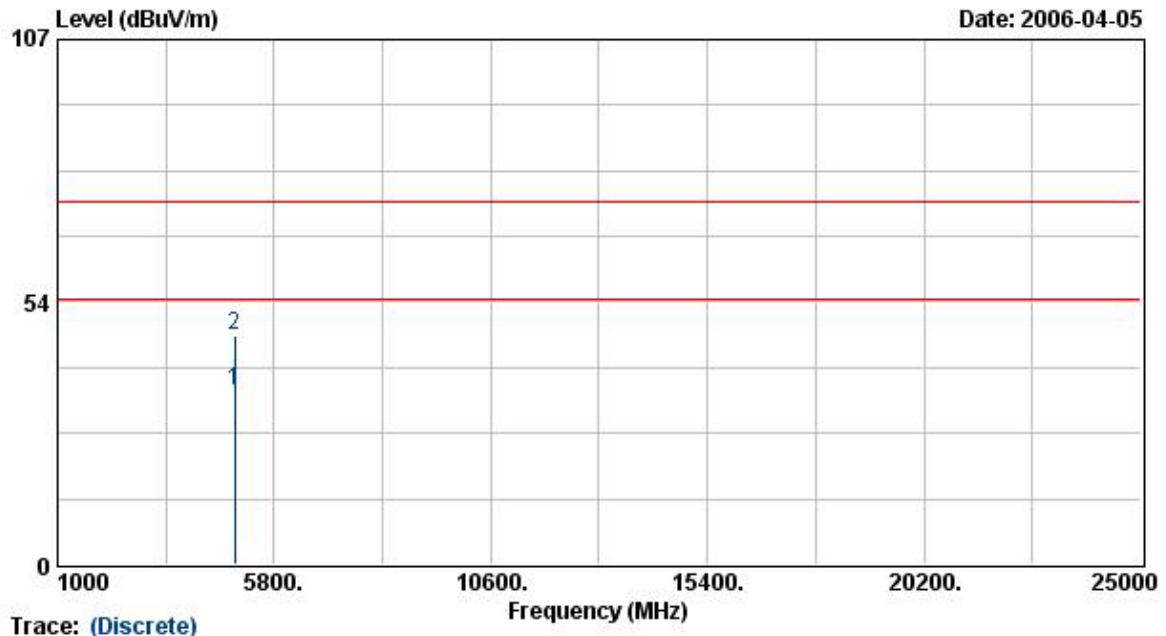
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4873.88	32.67	5.85	38.52	54.00	-15.48	Average	267	100
4873.88	43.70	5.85	49.55	74.00	-24.45	Peak	267	100

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. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.

EUT : WNR834B
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel: 11
 Modulation Type : 802.11MIMO
 Rate : 130 Mbps
 Memo : DSA-0131F-12 US 12

Pol/Phase : HORIZONTAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure: 1010 mmHg



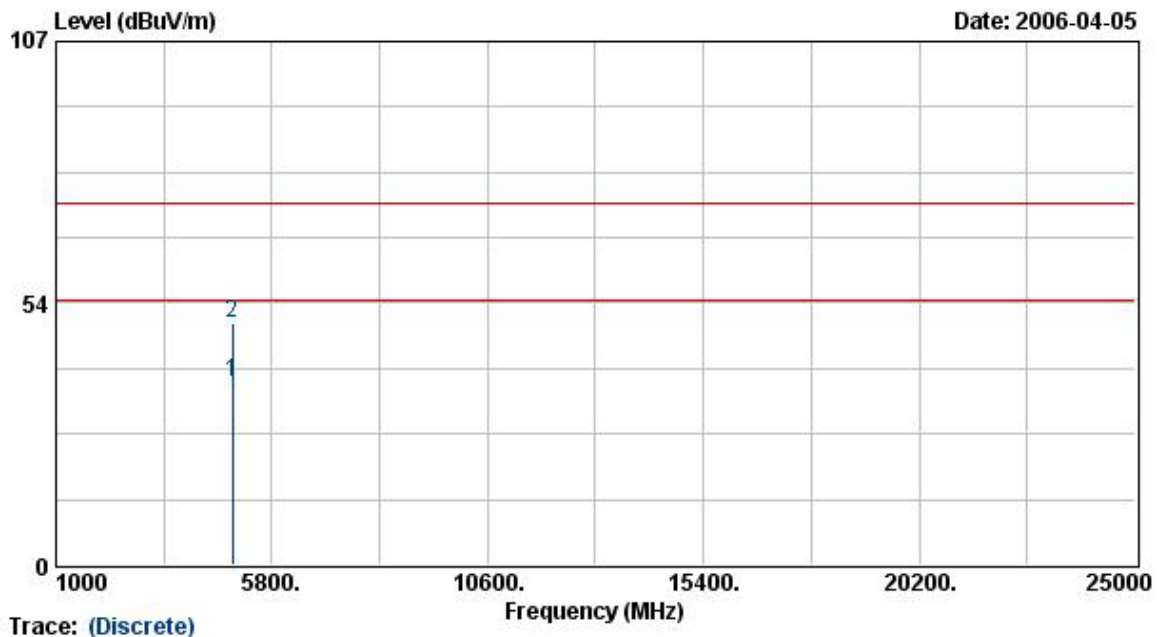
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4924.00	29.47	5.99	35.46	54.00	-18.54	Average	92	100
4924.00	40.87	5.99	46.86	74.00	-27.14	Peak	92	100

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. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.

EUT : WNR834B
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel : 11
 Modulation Type : 802.11MIMO
 Rate : 130 Mbps
 Memo : DSA-0131F-12 US 12

Pol/Phase : VERTICAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure : 1010 mmHg



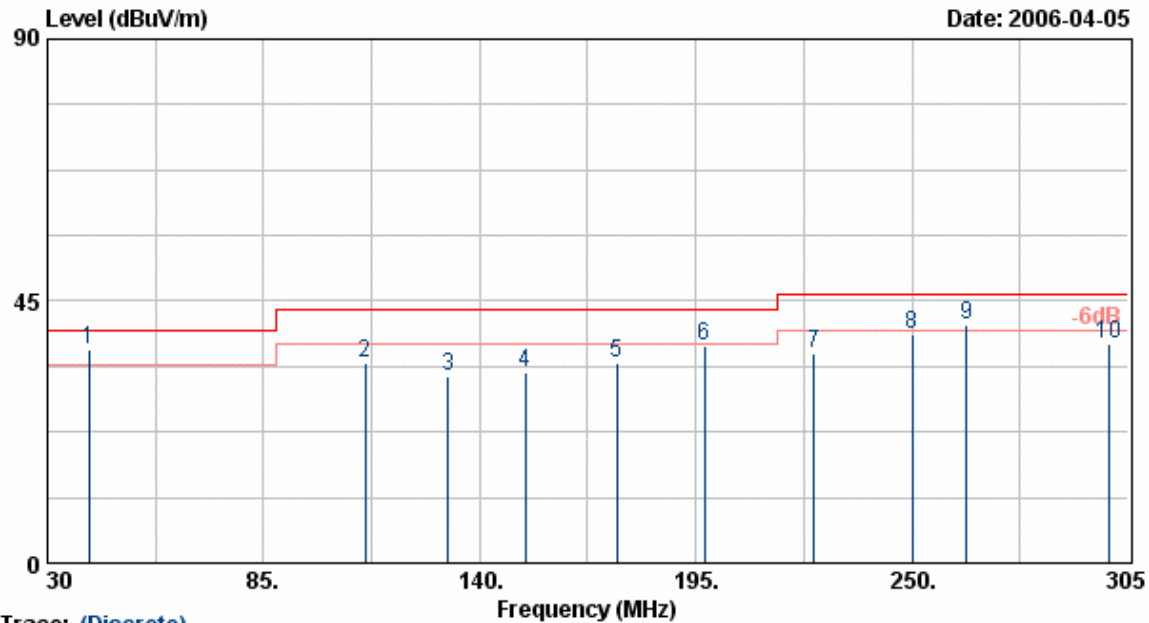
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
4924.00	31.47	5.99	37.46	54.00	-16.54	Average	267	100
4924.00	43.55	5.99	49.53	74.00	-24.47	Peak	267	100

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. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 3MHz for Peak detection at frequency above 1GHz.
5. The resolution bandwidth of test receiver/spectrum analyzer is 1MHz and video bandwidth is 10Hz for Average detection at frequency above 1GHz.
6. The other emissions is too low to be measured.

Test Mode 4:

EUT	: WNR834B	Pol/Phase	: HORIZONTAL
Power	: AC 120V	Temperature	: 25 °C
Test Mode	: Transmit/Receive	Humidity	: 70 %
Operation Channel	: 3	Atmospheric Pressure	: 1010 mmHg
Modulation Type	: 802.11MIMO+CB		
Rate	: 270 Mbps		
Memo	: DSA-0131F-12 US 12		



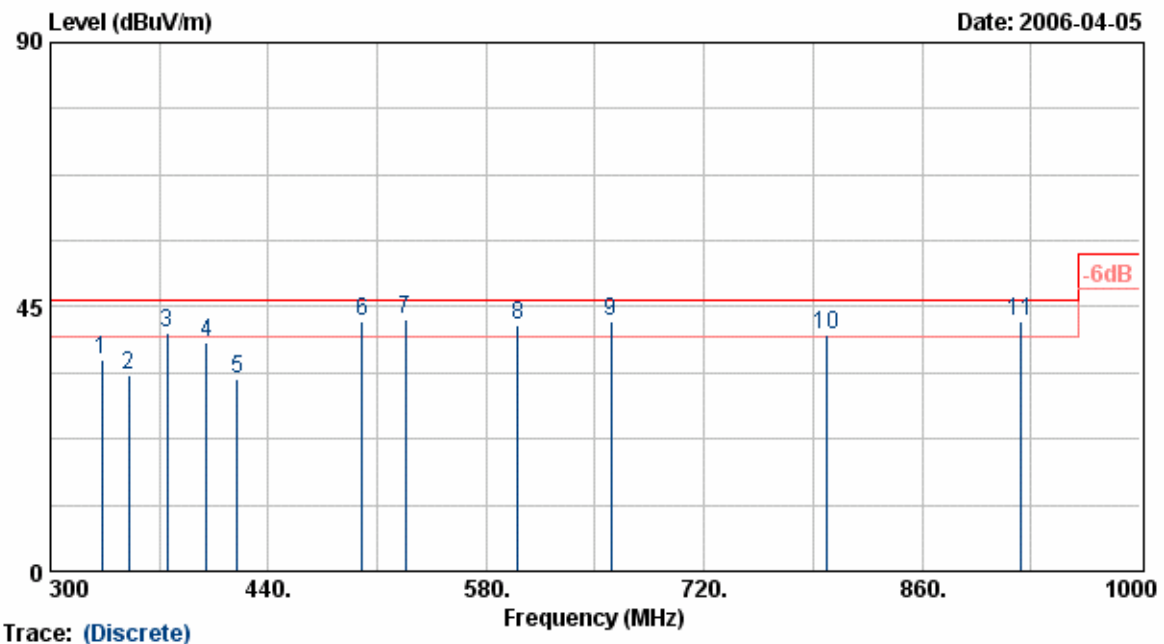
Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
40.45	50.00	-13.44	36.56	40.00	-3.44	QP	63	200
110.78	50.85	-16.42	34.43	43.50	-9.07	Peak	147	200
132.00	47.74	-15.75	31.99	43.50	-11.51	Peak	88	200
151.54	49.14	-16.43	32.71	43.50	-10.79	Peak	88	200
175.01	52.00	-17.79	34.21	43.50	-9.29	Peak	360	200
197.10	55.20	-17.94	37.26	43.50	-6.24	Peak	360	200
225.00	53.14	-17.07	36.07	46.00	-9.93	Peak	242	200
250.00	53.14	-14.03	39.12	46.00	-6.88	Peak	193	200
264.00	53.88	-12.98	40.90	46.00	-5.10	QP	200	200
300.02	50.89	-13.21	37.68	46.00	-8.32	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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3, 6, 9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.

EUT : WNR834B
 Power : AC 120V
 Test Mode : Transmit/Receive
 Operation Channel: 3
 Modulation Type : 802.11MIMO+CB
 Rate : 270 Mbps
 Memo : DSA-0131F-12 US 12

Pol/Phase : HORIZONTAL
 Temperature : 25 °C
 Humidity : 70 %
 Atmospheric Pressure: 1010 mmHg



Frequency (MHz)	Meter Reading (dBuV)	Corrected Factor (dBuV/m)	Result (dBuV/m)	Limit (dB)	Margin (dB)	Remark	Table Deg.	Ant High (cm)
333.33	47.99	-12.06	35.93	46.00	-10.07	Peak	0	200
350.00	44.80	-11.55	33.25	46.00	-12.75	Peak	0	200
375.01	51.33	-10.75	40.58	46.00	-5.42	QP	66	200
400.02	48.99	-10.12	38.87	46.00	-7.13	Peak	100	200
420.00	41.99	-9.24	32.75	46.00	-13.25	Peak	32	200
500.00	49.16	-6.58	42.58	46.00	-3.42	QP	83	200
527.99	48.10	-5.32	42.78	46.00	-3.22	QP	83	200
600.01	45.61	-3.79	41.82	46.00	-4.18	QP	255	200
660.01	45.55	-2.89	42.66	46.00	-3.34	QP	300	200
798.50	41.77	-1.53	40.24	46.00	-5.76	QP	360	200
924.03	42.03	0.64	42.67	46.00	-3.33	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. According to technical experiences, all spurious emission of 802.11MIMO mode at channel 3,6,9 are almost the same below 1GHz, so that the channel 3 was chosen as representative in final test.
5. The data is worse case.