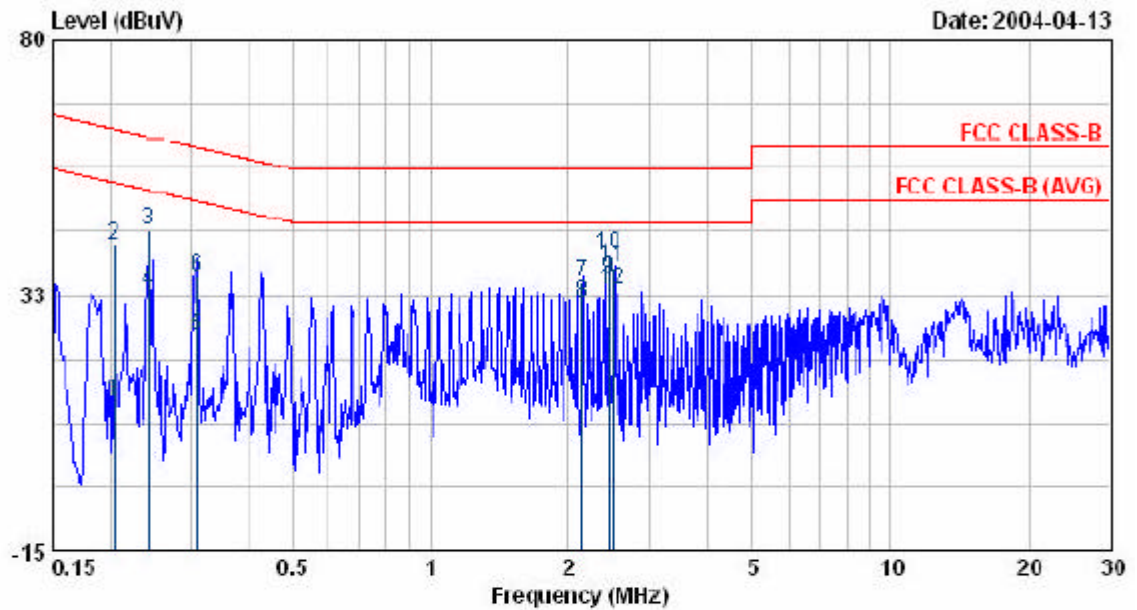


EUT : WVC54G
 Power : 110V 60HZ
 Test Mode : 802.11b CH MID
 Memo :

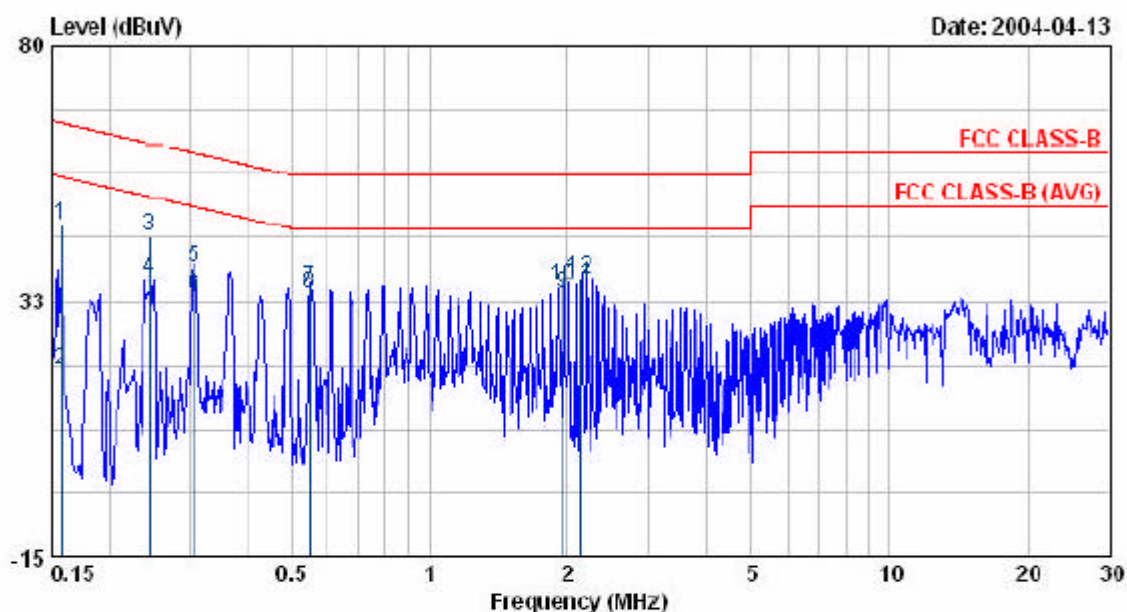
Pol/Phase : LINE
 Temperature : 27 °C
 Humidity : 58 %



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.204	12.59	0.32	12.91	53.45	-40.54	AVERAGE
0.204	41.54	0.32	41.86	63.45	-21.59	QP
0.244	44.01	0.33	44.34	61.98	-17.64	QP
0.244	32.57	0.33	32.90	51.98	-19.08	AVERAGE
0.310	24.22	0.34	24.56	49.97	-25.41	AVERAGE
0.310	35.60	0.34	35.94	59.97	-24.03	QP
2.139	34.23	0.45	34.68	56.00	-21.32	QP
2.139	30.39	0.45	30.84	46.00	-15.16	AVERAGE
2.444	34.99	0.45	35.44	46.00	-10.56	AVERAGE
2.444	39.47	0.45	39.92	56.00	-16.08	QP
2.505	37.09	0.45	37.54	56.00	-18.46	QP
2.505	33.04	0.45	33.49	46.00	-12.51	AVERAGE

EUT : WVC54G
 Power : 110V 60HZ
 Test Mode : 802.11b CH HI
 Memo :

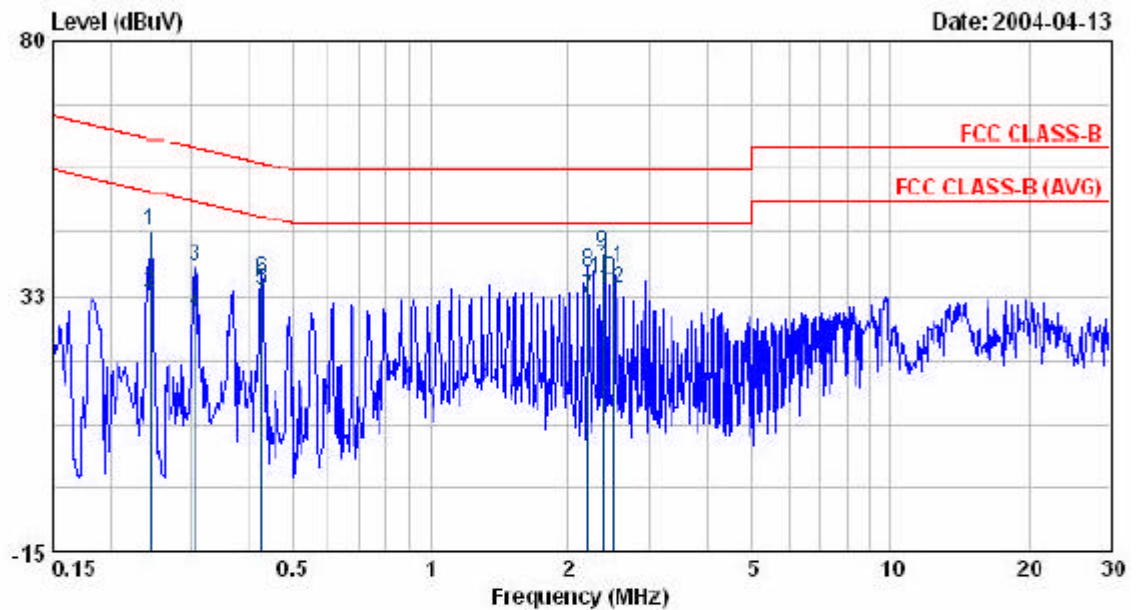
Pol/Phase : NEUTRAL
 Temperature : 27 °C
 Humidity : 58 %



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.157	46.31	0.30	46.61	65.64	-19.02	QP
0.157	19.58	0.30	19.88	55.64	-35.75	AVERAGE
0.245	44.01	0.33	44.34	61.92	-17.58	QP
0.245	36.34	0.33	36.67	51.92	-15.25	AVERAGE
0.305	38.12	0.34	38.46	60.10	-21.63	QP
0.305	33.19	0.34	33.53	50.10	-16.56	AVERAGE
0.549	34.40	0.38	34.78	56.00	-21.22	QP
0.549	33.48	0.38	33.86	46.00	-12.14	AVERAGE
1.956	33.39	0.44	33.83	46.00	-12.17	AVERAGE
1.956	34.64	0.44	35.08	56.00	-20.92	QP
2.139	34.85	0.45	35.30	46.00	-10.70	AVERAGE
2.139	36.02	0.45	36.47	56.00	-19.53	QP

EUT : WVC54G
 Power : 110V 60HZ
 Test Mode : 802.11b CH HI
 Memo :

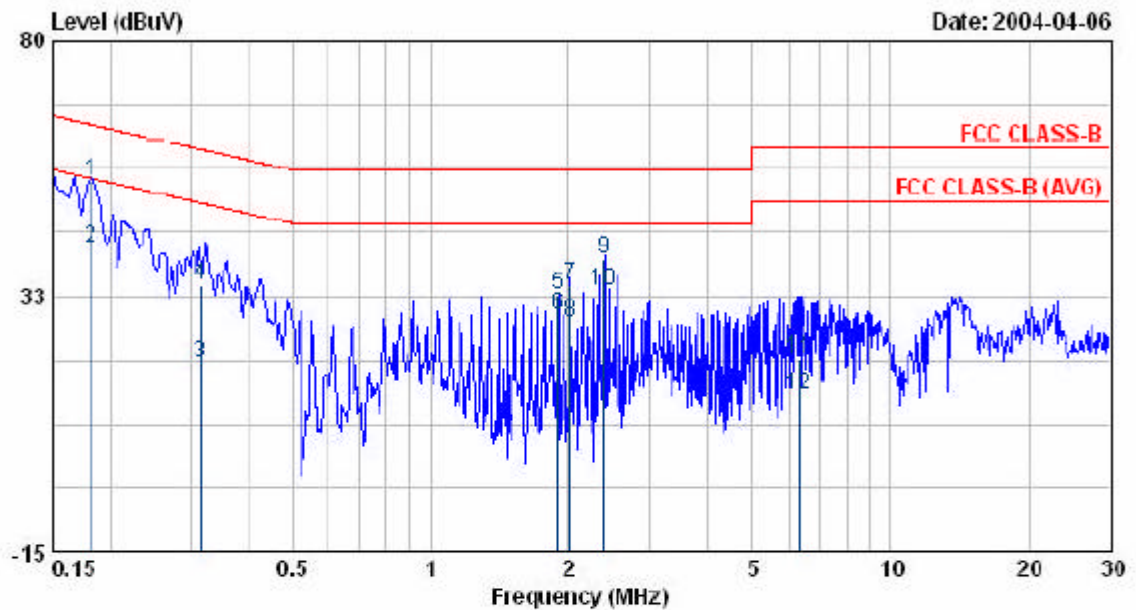
Pol/Phase : LINE
 Temperature : 27 °C
 Humidity : 58 %



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.245	44.24	0.33	44.57	61.91	-17.35	QP
0.245	32.86	0.33	33.19	51.91	-18.73	AVERAGE
0.306	37.49	0.34	37.83	60.08	-22.24	QP
0.306	28.71	0.34	29.05	50.08	-21.02	AVERAGE
0.428	32.85	0.36	33.21	47.28	-14.07	AVERAGE
0.428	35.26	0.36	35.62	57.28	-21.66	QP
2.200	31.67	0.45	32.12	46.00	-13.88	AVERAGE
2.200	36.31	0.45	36.76	56.00	-19.24	QP
2.384	39.77	0.45	40.22	56.00	-15.78	QP
2.384	35.15	0.45	35.60	46.00	-10.40	AVERAGE
2.506	37.12	0.45	37.57	56.00	-18.43	QP
2.506	33.26	0.45	33.71	46.00	-12.29	AVERAGE

EUT : WVC54G
 Power : 110V 60HZ
 Test Mode : 802.11g CH L0
 Memo :

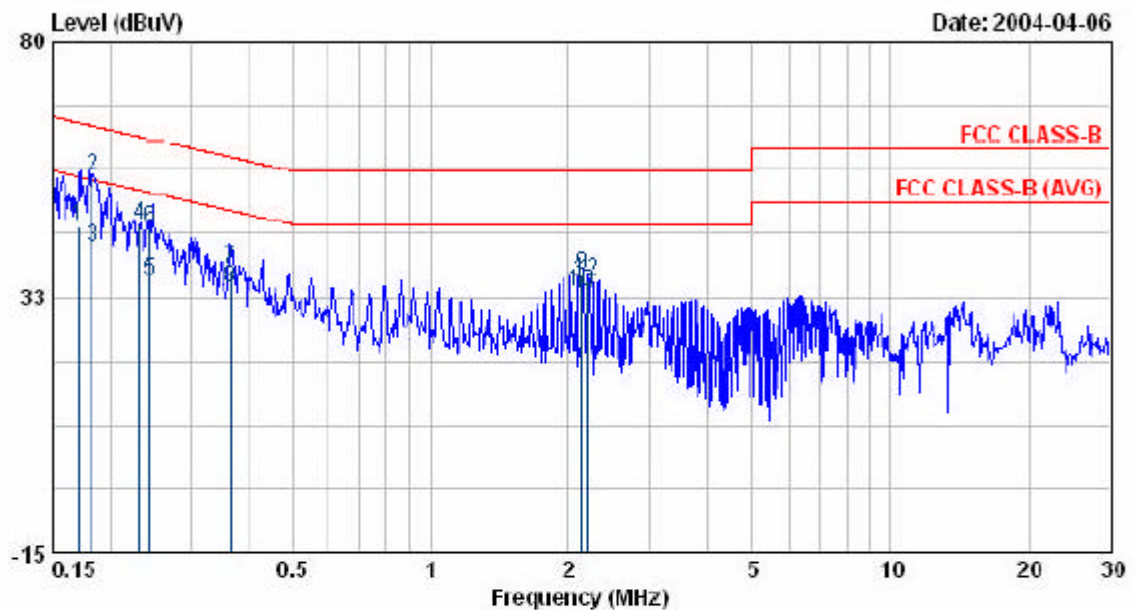
Pol/Phase : NEUTRAL
 Temperature : 23 °C
 Humidity : 58 %



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHZ	dBuV	dB	dBuV	dBuV	dBuV	
0.183	53.75	0.31	54.06	64.37	-10.31	QP
0.183	41.21	0.31	41.52	54.37	-12.85	AVERAGE
0.316	19.94	0.34	20.28	49.81	-29.52	AVERAGE
0.316	34.11	0.34	34.45	59.81	-25.35	QP
1.895	32.30	0.44	32.74	56.00	-23.26	QP
1.895	20.30	0.44	20.82	46.00	-17.18	AVERAGE
2.019	33.96	0.44	34.40	56.00	-21.60	QP
2.019	27.12	0.44	27.56	46.00	-18.44	AVERAGE
2.385	38.67	0.45	39.12	56.00	-16.88	QP
2.385	33.07	0.45	33.52	46.00	-12.48	AVERAGE
6.320	20.42	0.50	20.92	60.00	-39.08	QP
6.320	13.58	0.50	14.08	50.00	-35.92	AVERAGE

EUT : WVC54G
 Power : 110V 60HZ
 Test Mode : 802.11g CH L0
 Memo :

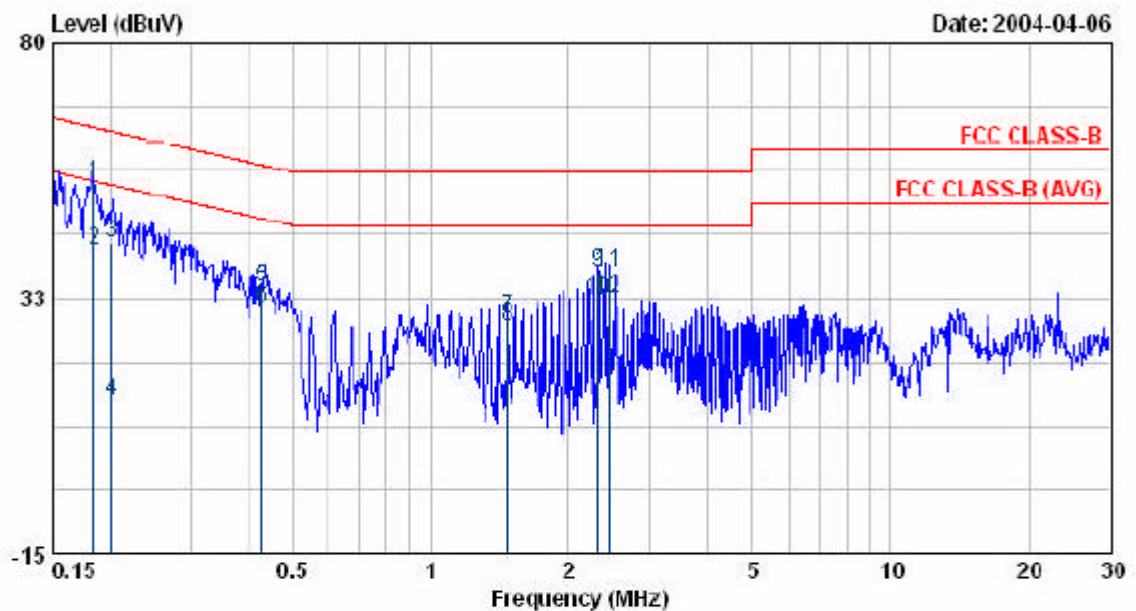
Pol/Phase : LINE
 Temperature : 23 °C
 Humidity : 58 %



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.171	45.15	0.31	45.46	64.92	-19.46	QP
0.183	54.55	0.31	54.86	64.34	-9.48	QP
0.183	41.47	0.31	41.78	54.34	-12.56	AVERAGE
0.232	45.44	0.33	45.76	62.39	-16.63	Peak
0.245	34.98	0.33	35.31	51.94	-16.63	AVERAGE
0.245	44.71	0.33	45.04	61.94	-16.90	QP
0.367	37.02	0.35	37.37	58.58	-21.21	QP
0.367	33.79	0.35	34.14	48.58	-14.44	AVERAGE
2.140	36.04	0.45	36.49	56.00	-19.51	QP
2.140	33.03	0.45	33.48	46.00	-12.52	AVERAGE
2.201	32.45	0.45	32.90	46.00	-13.10	AVERAGE
2.201	35.18	0.45	35.63	56.00	-20.37	QP

EUT : WVC54G
 Power : 110V 60HZ
 Test Mode : 802.11g CH MID
 Memo :

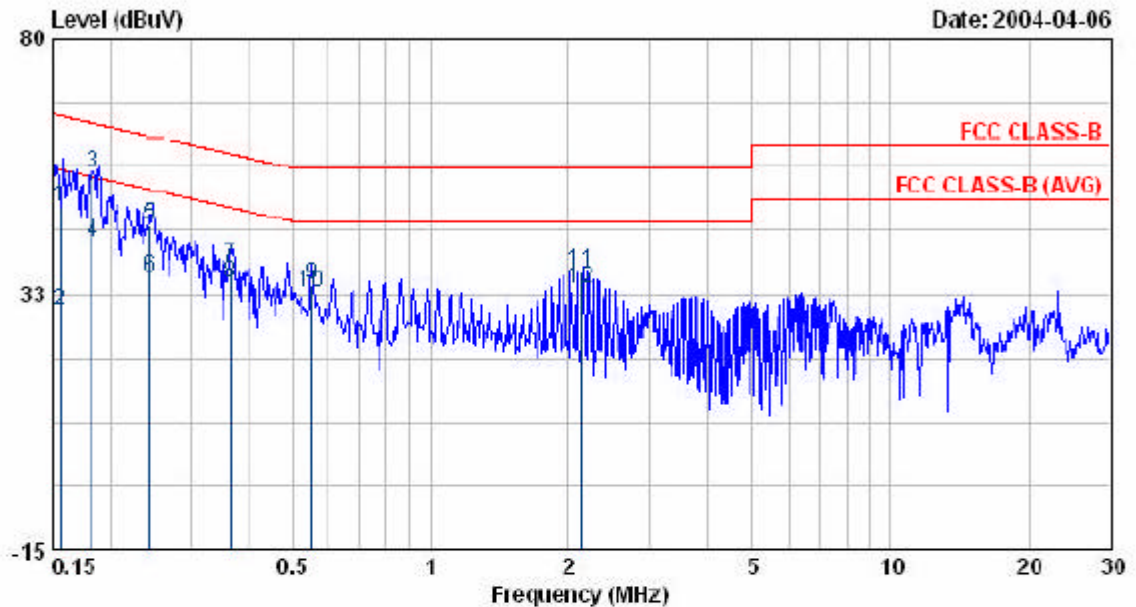
Pol/Phase : NEUTRAL
 Temperature : 23 °C
 Humidity : 58 %



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
-----	-----	-----	-----	-----	-----	-----
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.184	53.75	0.31	54.06	64.29	-10.23	QP
0.184	41.11	0.31	41.42	54.29	-12.87	AVERAGE
0.201	42.41	0.32	42.73	63.59	-20.86	QP
0.201	13.19	0.32	13.51	53.59	-40.08	AVERAGE
0.428	34.14	0.36	34.50	57.29	-22.78	QP
0.428	30.29	0.36	30.65	47.29	-16.63	AVERAGE
1.468	28.49	0.43	28.92	56.00	-27.08	QP
1.468	26.56	0.43	26.99	46.00	-19.01	AVERAGE
2.324	36.62	0.45	37.07	56.00	-18.93	QP
2.324	31.69	0.45	32.14	46.00	-13.86	AVERAGE
2.448	36.87	0.45	37.32	56.00	-18.68	QP
2.448	31.72	0.45	32.17	46.00	-13.83	AVERAGE

EUT : WVC540
 Power : 110V 60HZ
 Test Mode : 802.11g CH MID
 Memo :

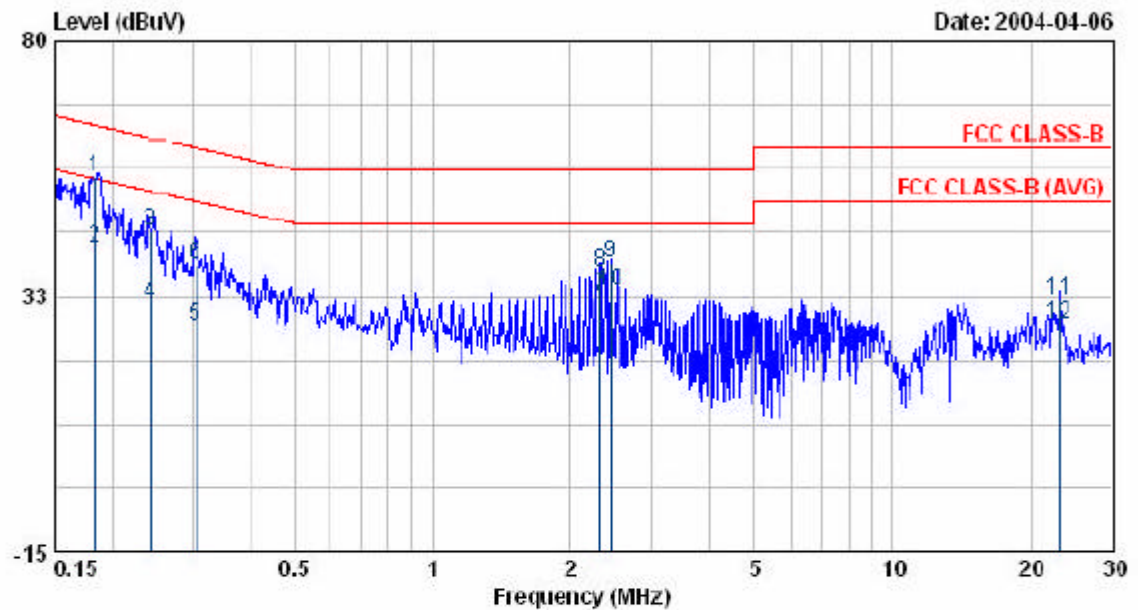
Pol/Phase : LINE
 Temperature : 23 ℃
 Humidity : 58 %



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHZ	dBuV	dB	dBuV	dBuV	dBuV	
0.156	48.30	0.30	48.60	65.70	-17.10	QP
0.156	29.05	0.30	29.35	55.70	-26.35	AVERAGE
0.183	54.67	0.31	54.98	64.34	-9.36	QP
0.183	41.60	0.31	41.91	54.34	-12.43	AVERAGE
0.245	44.85	0.33	45.18	61.93	-16.75	QP
0.245	35.07	0.33	35.40	51.93	-16.53	AVERAGE
0.367	37.11	0.35	37.46	58.57	-21.11	QP
0.367	33.90	0.35	34.25	48.57	-14.32	AVERAGE
0.551	33.56	0.38	33.94	56.00	-22.06	QP
0.551	32.31	0.38	32.69	46.00	-13.31	AVERAGE
2.140	36.03	0.45	36.48	56.00	-19.52	QP
2.140	33.02	0.45	33.47	46.00	-12.53	AVERAGE

EUT : WVC54G
 Power : 110V 60HZ
 Test Mode : 802.11g CH HI
 Memo :

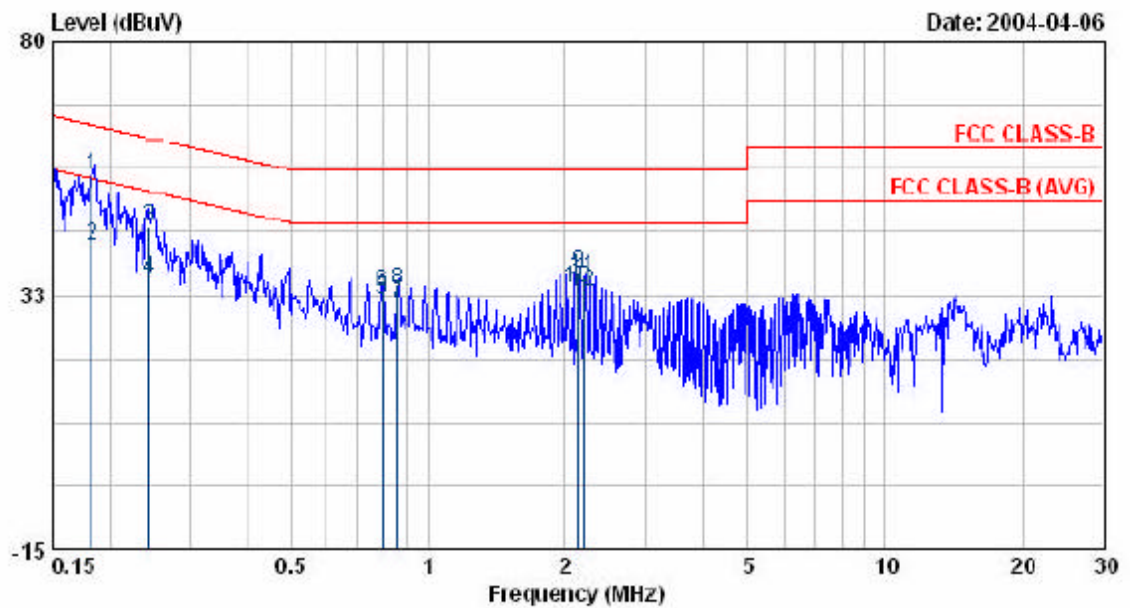
Pol/Phase : NEUTRAL
 Temperature : 23 °C
 Humidity : 58 %



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.184	54.14	0.31	54.45	64.30	-9.85	QP
0.184	41.19	0.31	41.50	54.30	-12.80	AVERAGE
0.243	44.21	0.33	44.54	61.98	-17.44	QP
0.243	30.58	0.33	30.91	51.98	-21.07	AVERAGE
0.305	26.27	0.34	26.61	50.11	-23.50	AVERAGE
0.305	37.73	0.34	38.07	60.11	-22.04	QP
2.324	31.71	0.45	32.16	46.00	-13.84	AVERAGE
2.324	36.52	0.45	36.97	56.00	-19.03	QP
2.446	38.02	0.45	38.47	56.00	-17.53	QP
2.446	32.97	0.45	33.42	46.00	-12.58	AVERAGE
23.131	31.13	0.58	31.71	60.00	-28.29	QP
23.131	26.59	0.58	27.17	50.00	-22.83	AVERAGE

EUT : WVC54G
 Power : 110V 60HZ
 Test Mode : 802.11g CH HI
 Memo :

Pol/Phase : LINE
 Temperature : 23 °C
 Humidity : 58 %



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.183	54.61	0.31	54.92	64.34	-9.42	QP
0.183	41.55	0.31	41.86	54.34	-12.48	AVERAGE
0.245	44.72	0.33	45.05	61.94	-16.89	QP
0.245	35.05	0.33	35.38	51.94	-16.56	AVERAGE
0.796	31.08	0.40	31.48	46.00	-14.52	AVERAGE
0.796	32.50	0.40	32.90	56.00	-23.10	QP
0.856	30.56	0.40	30.96	46.00	-15.04	AVERAGE
0.856	32.81	0.40	33.21	56.00	-22.79	QP
2.141	36.20	0.45	36.65	56.00	-19.35	QP
2.141	33.15	0.45	33.60	46.00	-12.40	AVERAGE
2.201	35.31	0.45	35.76	56.00	-20.24	QP
2.201	32.60	0.45	33.05	46.00	-12.95	AVERAGE

Test by:

Jerry

4.2.1. Photographs of Conducted Emission Test

FRONT VIEW



REAR VIEW



4.3. Test Result of Radiated Emission

4.3.1. RF Portion

Modulation Standard: 802.11b

Operation Mode: Receiving/ Transmitting

Test Date: Apr. 28, 2004 Temperature: 25 Humidity: 58%

a) Channel 1

Fundamental Frequency: 2412 MHz

Frequency (MHz)	Reading(dBuV)				Factor (dB) Corr.	Result@3m (dBuV/m)		Limit@3m (dBuV/m)		Margin (dB)	Table Deg. (Deg.)	Ant High (m)
	H		V			Peak	Ave.	Peak	Ave.			
	Peak	Ave.	Peak	Ave.								
2037.750	---	---	---	---	-2.030	---	---	74	54	---	---	---
4074.500	---	---	---	---	4.600	---	---	74	54	---	---	---
4824.000	---	---	---	---	5.875	---	---	74	54	---	---	---
6115.500	---	---	---	---	7.450	---	---	74	54	---	---	---
8750.750	---	---	---	---	9.050	---	---	74	54	---	---	---
10188.750	---	---	---	---	11.830	---	---	74	54	---	---	---

b) Channel 6

Fundamental Frequency: 2437 MHz

Frequency (MHz)	Reading(dBuV)				Factor (dB) Corr.	Result@3m (dBuV/m)		Limit@3m (dBuV/m)		Margin (dB)	Table Deg. (Deg.)	Ant High (m)
	H		V			Peak	Ave.	Peak	Ave.			
	Peak	Ave.	Peak	Ave.								
2062.820	---	---	---	---	-2.030	---	---	74	54	---	---	---
4120.750	---	---	---	---	4.600	---	---	74	54	---	---	---
4874.000	---	---	---	---	5.875	---	---	74	54	---	---	---
6186.500	---	---	---	---	7.450	---	---	74	54	---	---	---
8253.500	---	---	---	---	9.050	---	---	74	54	---	---	---
10316.000	---	---	---	---	11.830	---	---	74	54	---	---	---

c) Channel 11

Fundamental Frequency: 2462 MHz

Frequency (MHz)	Reading(dBuV)				Factor (dB) Corr.	Result@3m (dBuV/m)		Limit@3m (dBuV/m)		Margin (dB)	Table Deg. (Deg.)	Ant High (m)
	H		V			Peak	Ave.	Peak	Ave.			
	Peak	Ave.	Peak	Ave.								
2088.150	---	---	---	---	-2.030	---	---	74	54	---	---	---
4178.500	---	---	---	---	4.600	---	---	74	54	---	---	---
4924.000	---	---	---	---	5.875	---	---	74	54	---	---	---
6263.500	---	---	---	---	7.450	---	---	74	54	---	---	---
8351.500	---	---	---	---	9.050	---	---	74	54	---	---	---
10438.75	---	---	---	---	11.830	---	---	74	54	---	---	---

Note:

1. Item of margin shown in above table refer to average limit.
2. Remark "----" means that the emissions level is too low to be measured.
3. Item "Margin" referred to Average limit while there is only peak result.

Modulation Standard: 802.11g

Operation Mode: Receiving/ Transmitting

Test Date: Apr. 28, 2004 Temperature: 25 Humidity: 58%

d) Channel 1

Fundamental Frequency: 2412 MHz

Frequency (MHz)	Reading(dBuV)				Factor (dB) Corr.	Result@3m (dBuV/m)		Limit@3m (dBuV/m)		Margin (dB)	Table Deg. (Deg.)	Ant High (m)
	H		V			Peak	Ave.	Peak	Ave.			
	Peak	Ave.	Peak	Ave.								
2037.500	---	---	---	---	-2.030	---	---	74	54	---	---	---
4074.760	---	---	---	---	4.600	---	---	74	54	---	---	---
4824.000	---	---	---	---	5.875	---	---	74	54	---	---	---
6114.700	---	---	---	---	7.450	---	---	74	54	---	---	---
8149.500	---	---	---	---	9.050	---	---	74	54	---	---	---
10188.750	---	---	---	---	11.830	---	---	74	54	---	---	---

e) Channel 6

Fundamental Frequency: 2437 MHz

Frequency (MHz)	Reading(dBuV)				Factor (dB) Corr.	Result@3m (dBuV/m)		Limit@3m (dBuV/m)		Margin (dB)	Table Deg. (Deg.)	Ant High (m)
	H		V			Peak	Ave.	Peak	Ave.			
	Peak	Ave.	Peak	Ave.								
2062.820	---	---	---	---	-2.030	---	---	74	54	---	---	---
4120.750	---	---	---	---	4.600	---	---	74	54	---	---	---
4874.000	---	---	---	---	5.875	---	---	74	54	---	---	---
6186.500	---	---	---	---	7.450	---	---	74	54	---	---	---
8253.500	---	---	---	---	9.050	---	---	74	54	---	---	---
10316.500	---	---	---	---	11.830	---	---	74	54	---	---	---

f) Channel 11

Fundamental Frequency: 2462 MHz

Frequency (MHz)	Reading(dBuV)				Factor (dB) Corr.	Result@3m (dBuV/m)		Limit@3m (dBuV/m)		Margin (dB)	Table Deg. (Deg.)	Ant High (m)
	H		V			Peak	Ave.	Peak	Ave.			
	Peak	Ave.	Peak	Ave.								
2088.150	---	---	---	---	-2.030	---	---	74	54	---	---	---
4178.500	---	---	---	---	4.600	---	---	74	54	---	---	---
4924.000	---	---	---	---	5.875	---	---	74	54	---	---	---
6263.500	---	---	---	---	7.450	---	---	74	54	---	---	---
8351.500	---	---	---	---	9.050	---	---	74	54	---	---	---
10438.750	---	---	---	---	11.830	---	---	74	54	---	---	---

Note:

1. Item of margin shown in above table refer to average limit.
2. Remark "----" means that the emissions level is too low to be measured.
3. Item "Margin" referred to Average limit while there is only peak result.

Modulation Standard: 802.11b

a) Emission frequencies below 1 GHz

Test Date: Apr. 28, 2004 Temperature: 25 Humidity: 58%

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBUV)	Corrected Factor (dB)	Result@3m (dBUV/m)	Limit@3m (dBUV/m)	Margin (dB)	Table Deg.	Ant High (m)
57.95	V	52.62	-22.42	30.20	40.0	-9.80	270	1
73.20	V	53.02	-21.59	31.43	40.0	-8.57	180	1
142.50	V	44.60	-15.67	28.93	43.5	-14.57	270	1
154.26	V	46.90	-16.32	30.58	43.5	-12.92	270	1
60.26	H	52.08	-22.72	29.36	40.0	-10.64	240	2
162.43	H	46.52	-17.32	29.20	43.5	-14.30	180	2
636.25	H	40.55	-4.82	35.73	46.0	-10.27	240	2
668.20	H	43.10	-5.02	38.08	46.0	-7.92	240	2
872.60	H	34.62	-0.46	34.16	46.0	-22.16	180	2
229.62	V	42.19	-16.21	25.98	46.0	-20.02	240	2
710.06	V	43.42	-3.12	40.30	46.0	-5.70	240	1
856.85	V	41.28	-0.43	40.85	46.0	-5.15	240	1

b) Emission frequencies above 1 GHz

Radiated emission frequencies above 1 GHz to 25 GHz were too low to be measured.

Modulation Standard: 802.11g

a) Emission frequencies below 1 GHz

Test Date: Apr 28, 2004 Temperature: 25 Humidity: 58%

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Table Deg.	Ant High (m)
57.42	V	52.12	-22.31	29.81	40.00	-10.19	270	1
74.80	V	52.70	-20.95	31.75	40.00	-8.25	180	1
159.42	V	49.49	-16.55	32.94	43.50	-10.56	270	1
660.76	H	40.75	-4.85	35.90	46.00	-10.10	240	2
638.18	H	39.95	-4.83	35.12	46.00	-10.88	240	2
60.86	H	51.20	-22.70	28.50	40.00	-11.50	240	2
718.23	V	42.36	-3.11	39.25	46.00	-6.75	180	1
642.62	V	43.84	-4.08	39.76	46.00	-6.24	180	1

b) Emission frequencies above 1 GHz

Radiated emission frequencies above 1 GHz to 25 GHz were too low to be measured.

