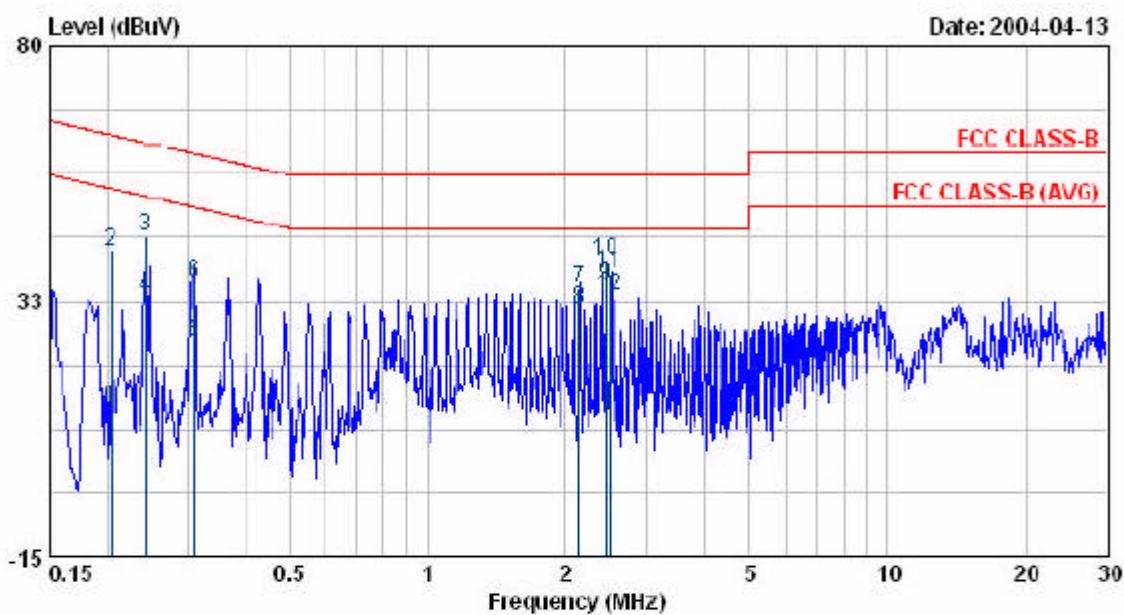


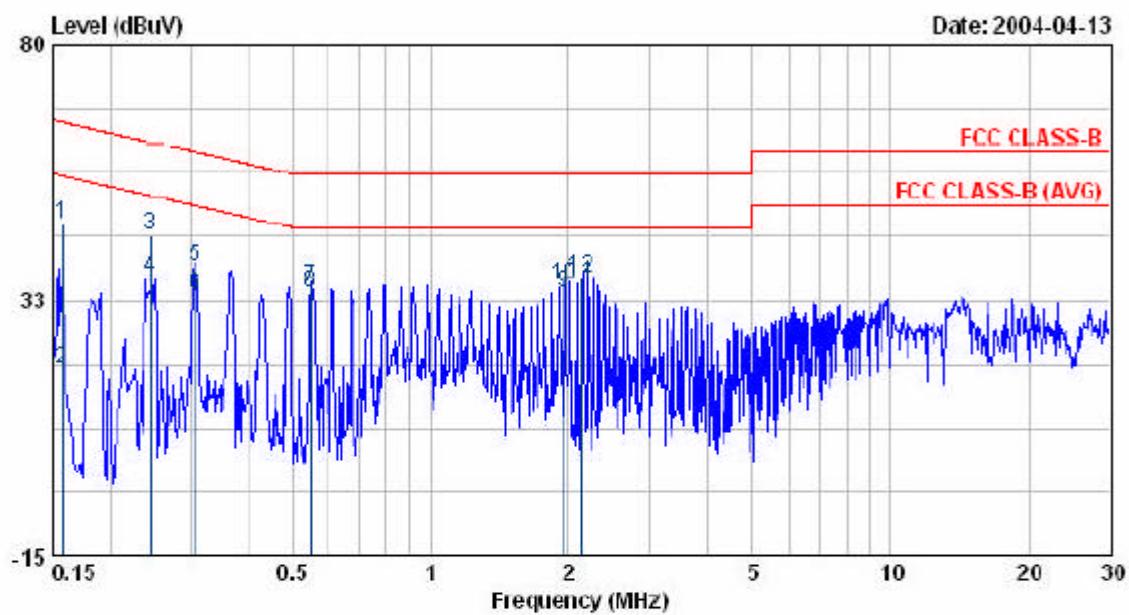
EUT : WVC54G  
 Power : 110V 60HZ  
 Test Mode : 802.11b CH MID  
 Memo :

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



Freq	Read		Level	Limit	Over Limit	Remark
	MHz	dBuV	Factor	dB	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

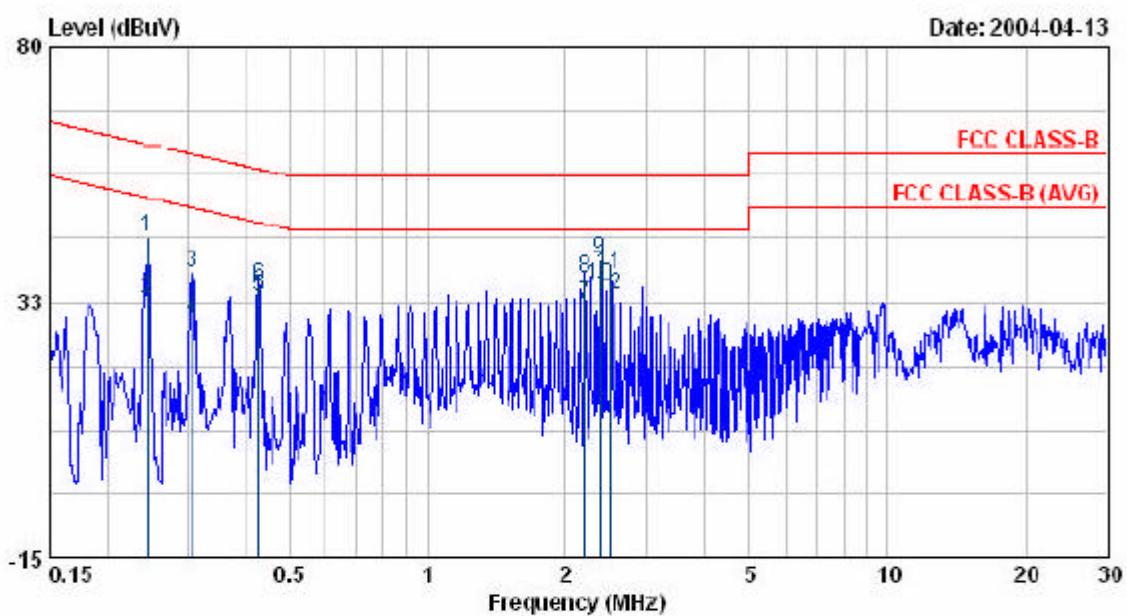
EUT : WVC54G  
 Power : 110V 60HZ  
 Test Mode : 802.11b CH HI  
 Memo :  
 Pol/Phase : NEUTRAL  
 Temperature : 27 °C  
 Humidity : 58 %



Freq MHz	Read Level dBuV	Factor	Level dBuV	Limit dBuV	Over Limit dBuV	Remark
	Read Level dBuV	Factor	Level dBuV	Limit dBuV	Over Limit dBuV	Remark
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 :

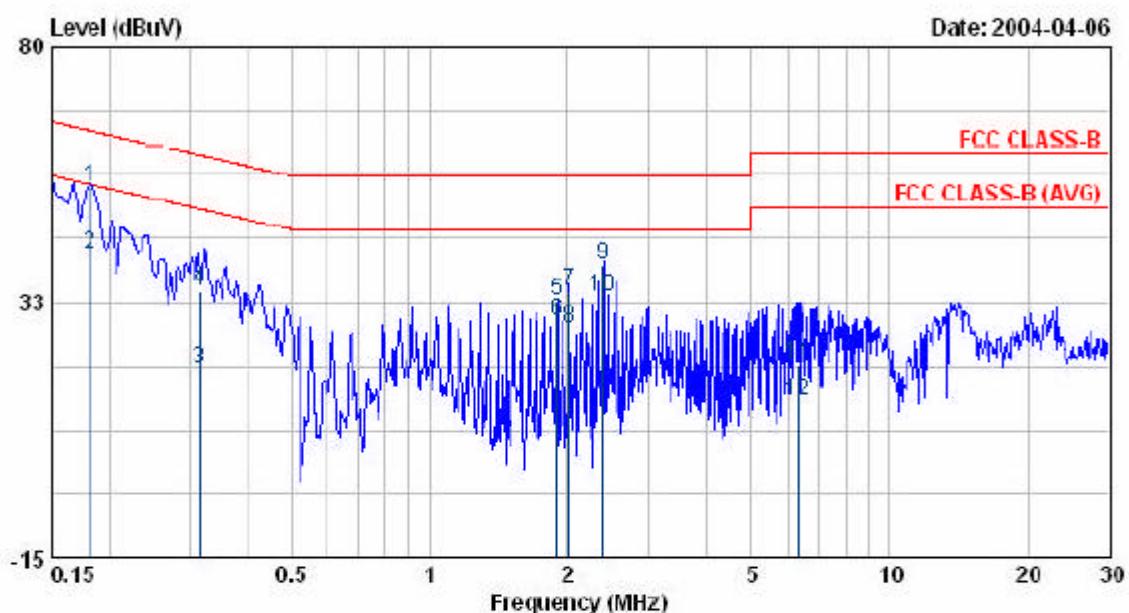
Pol/Phase : LINE  
 Temperature : 27 °C  
 Humidity : 58 %



Freq MHz	Read Level dBuV	Factor dB	Level dBuV	Limit dBuV	Over Limit dBuV	Remark
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** :

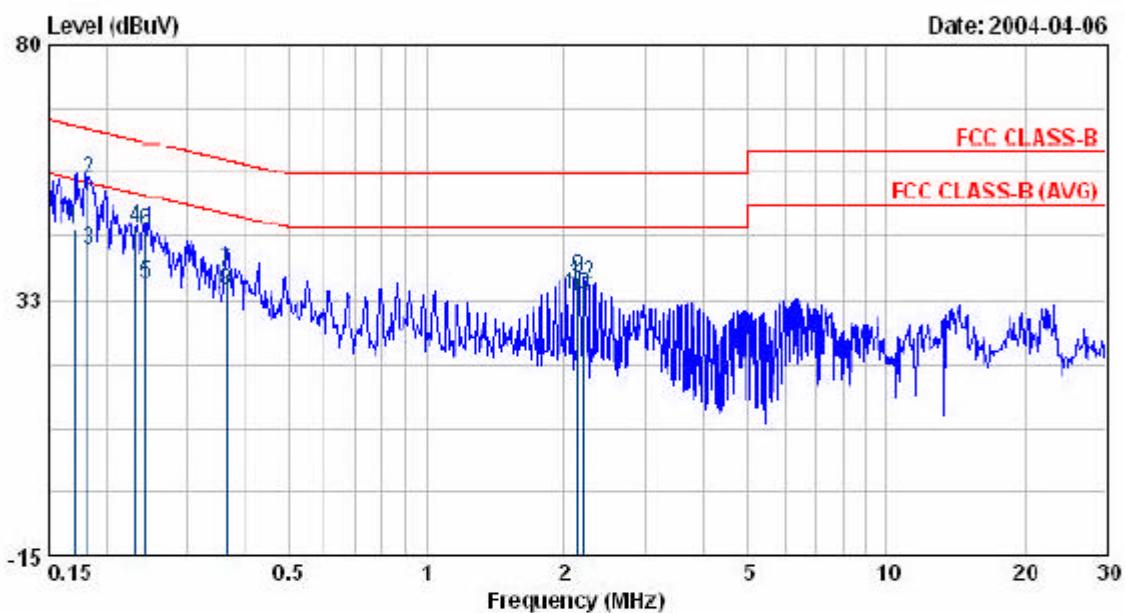
**Pol/Phase** : NEUTRAL  
**Temperature** : 23 °C  
**Humidity** : 58 %



Freq MHz	Read		Level dB	Level dBuV	Limit dBuV	Over Limit dBuV	Remark
	Freq MHz	Level 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	28.38	0.44	28.62	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 10  
**Memo** :

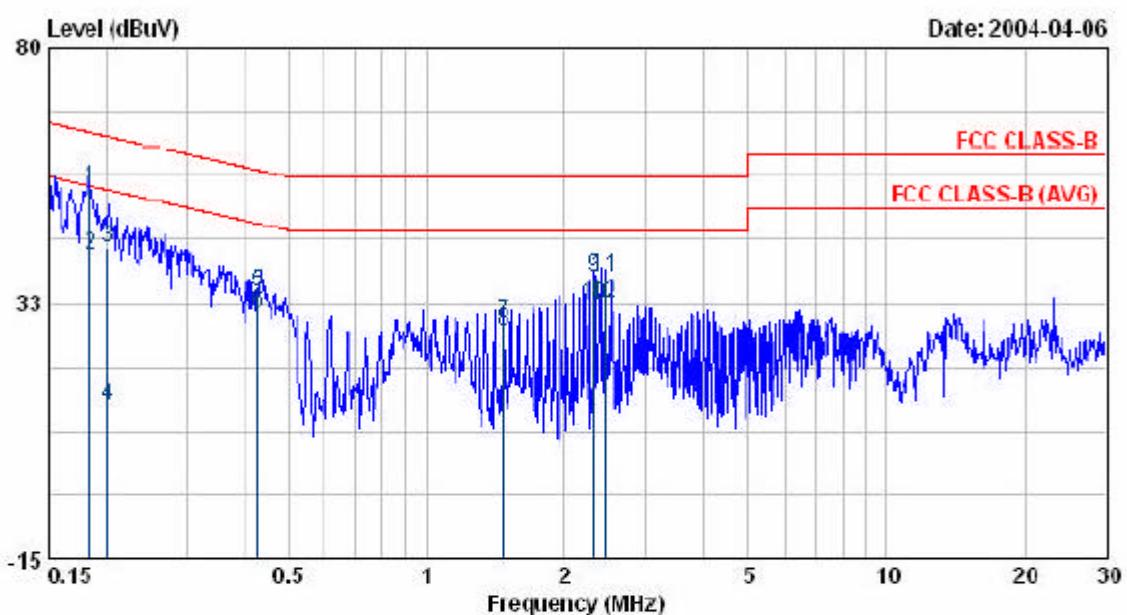
**Pol/Phase** : LINE  
**Temperature** : 23 °C  
**Humidity** : 58 %



Freq	Read		Over			Remark
	MHz	dBuV	Factor	Level	Limit	
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** :

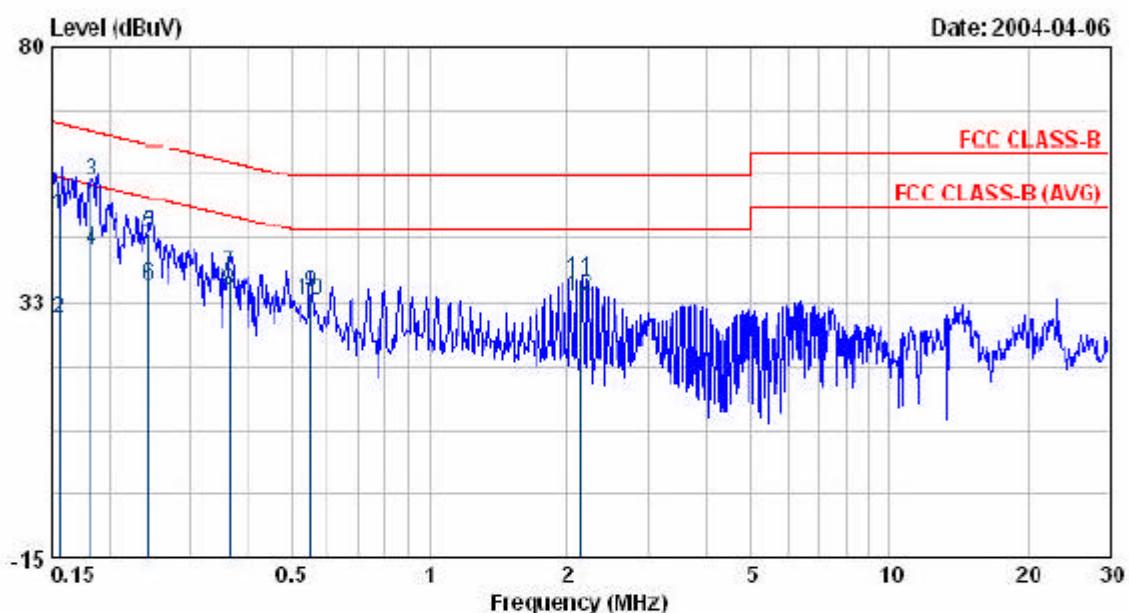
**Pol/Phase** : NEUTRAL  
**Temperature** : 23 °C  
**Humidity** : 58 %



Freq	Read		Level	Limit	Over		Remark
	MHz	dBuV	Factor	dB	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	31.14	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	35.62	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** : WVC54G  
**Power** : 110V 60HZ  
**Test Mode** : 802.11g CH MID  
**Memo** :

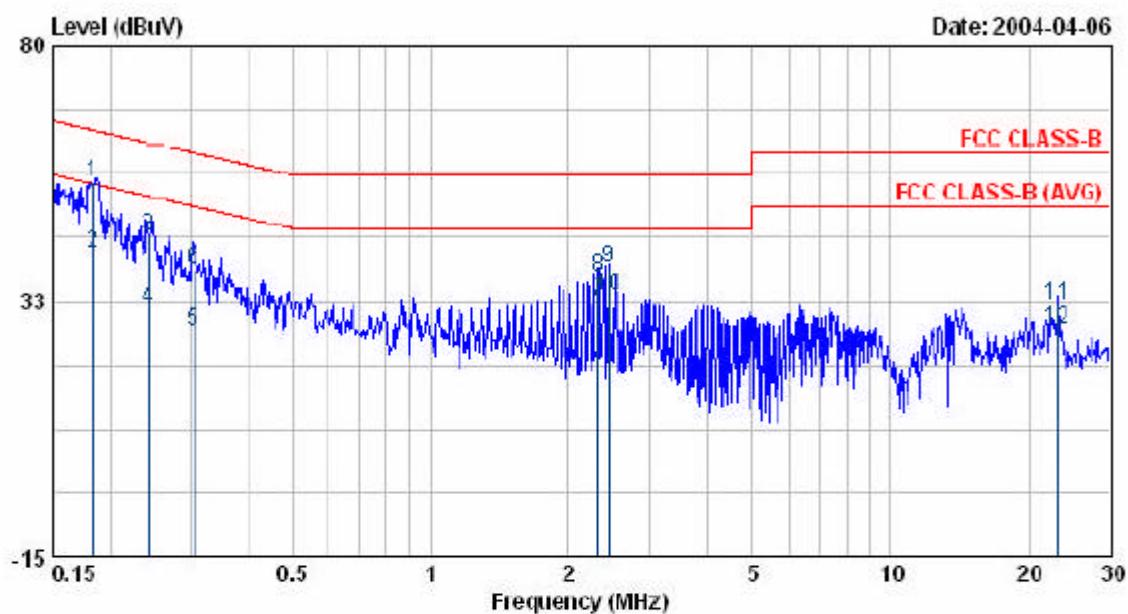
**Pol/Phase** : LINE  
**Temperature** : 23 °C  
**Humidity** : 58 %



Freq	Read		Level	Limit	Over Limit	Remark
	MHz	dBuV	Factor	dB	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** :

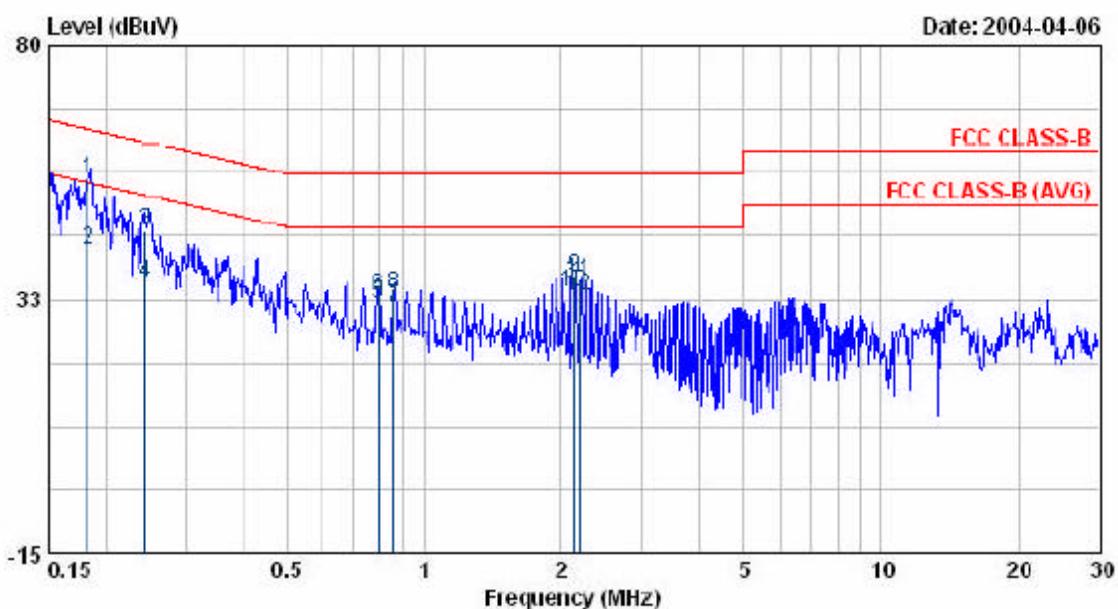
Pol/Phase	NEUTRAL
Temperature	23 °C
Humidity	58 %



Freq MHz	Read Level dBuV	Factor dB	Level dBuV	Limit dBuV	Over Limit dBuV	Remark
	Read Level dBuV	Factor dB	Level dBuV	Limit dBuV	Over Limit dBuV	Remark
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 MHz	Read Level dBuV		Factor dB	Level dBuV	Limit dBuV	Over Limit dBuV	Remark
	Read Level dBuV	Factor dB					
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.		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.		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.		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.		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.		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.		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

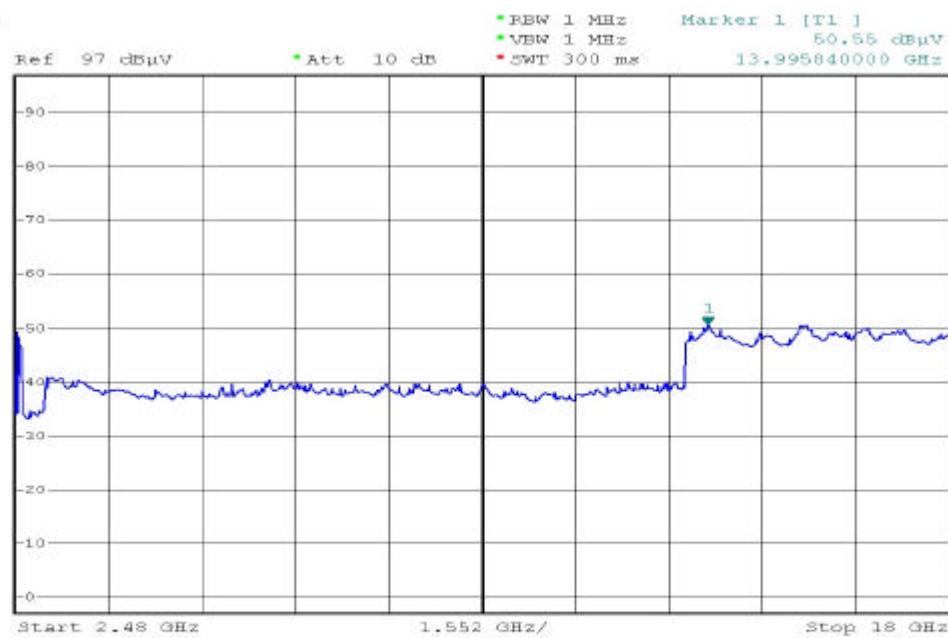
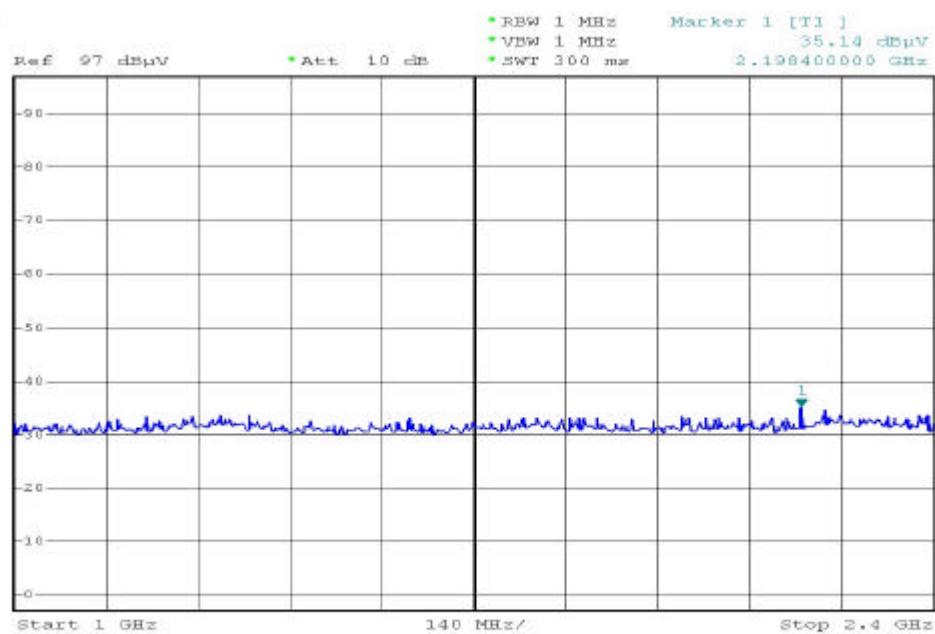
Temperature: 25

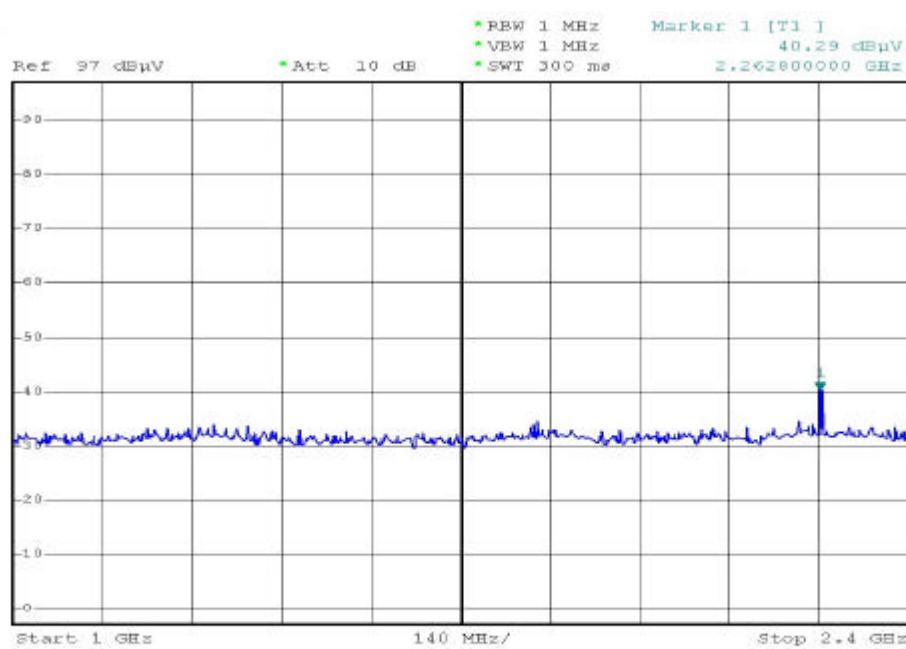
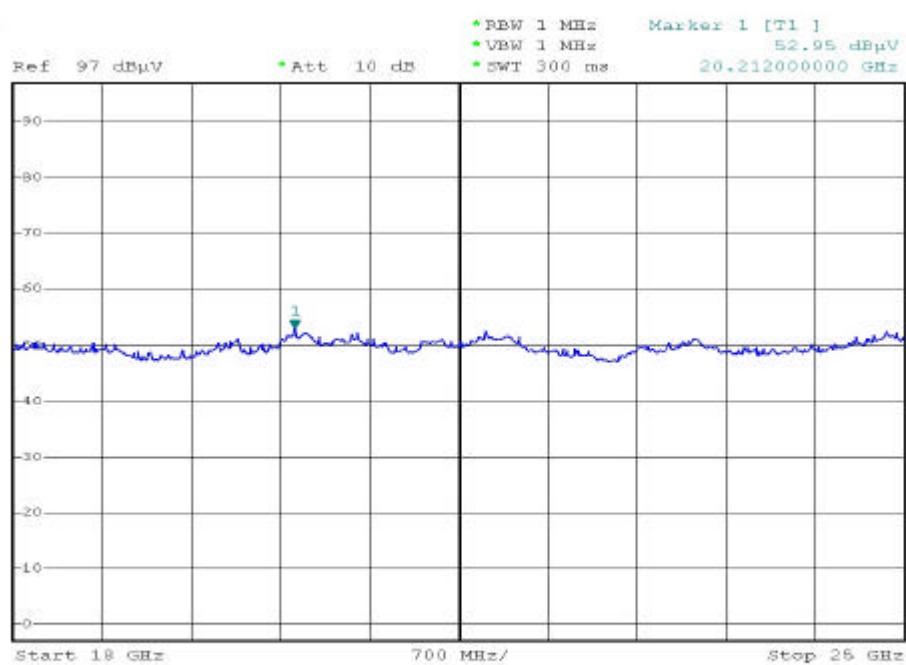
Humidity: 58%

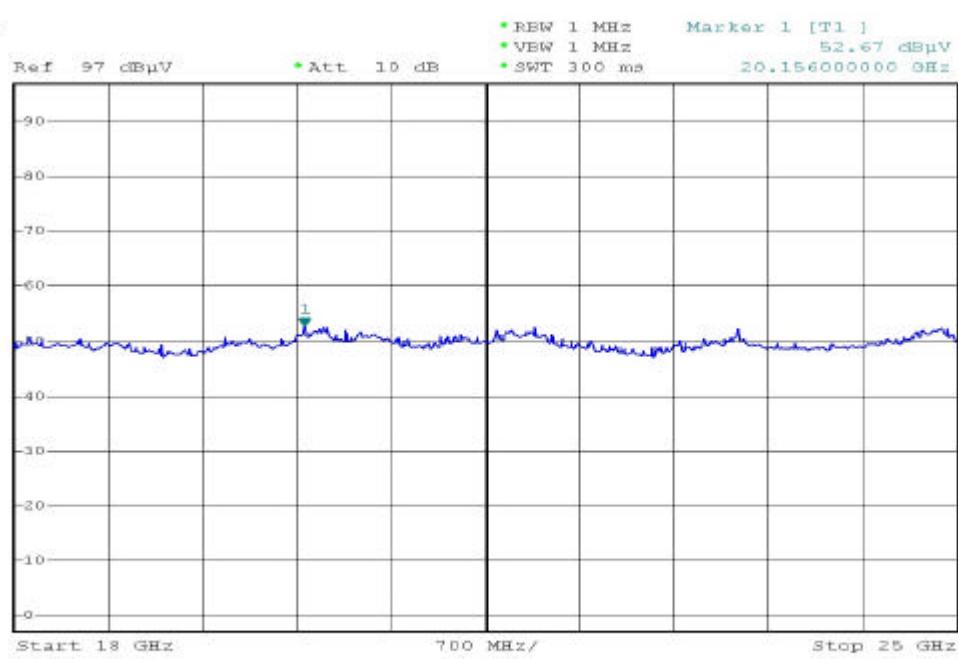
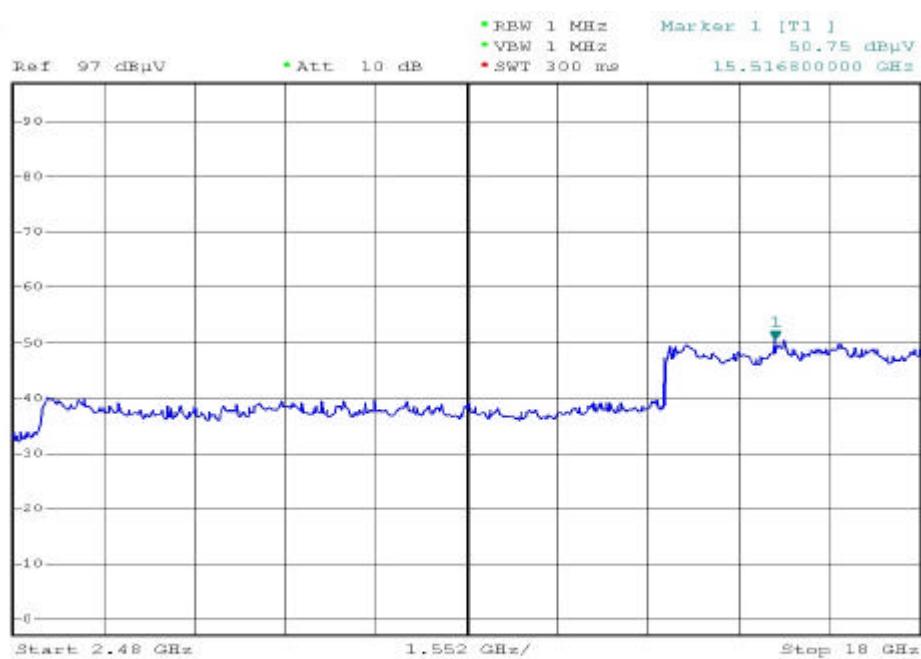
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Table Deg.	Ant High (m)
57.42	V	52.12	-22.31	29.81	40.00	-10.19	270	1
74.80	V	52.70	-20.95	31.75	40.00	-8.25	180	1
159.42	V	49.49	-16.55	32.94	43.50	-10.56	270	1
660.76	H	40.75	-4.85	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

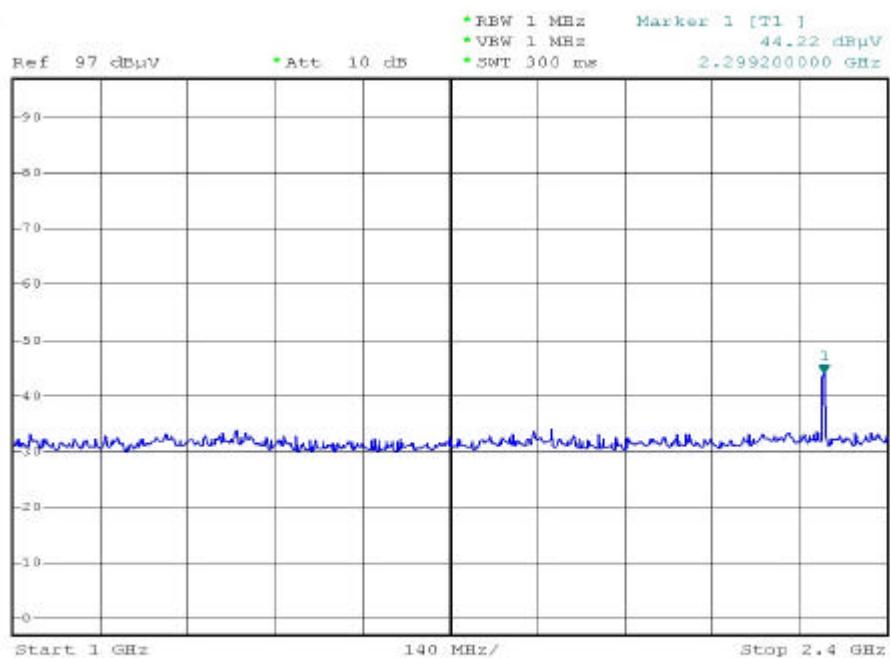
Radiated emission frequencies above 1 GHz to 25 GHz were too low to be measured.







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