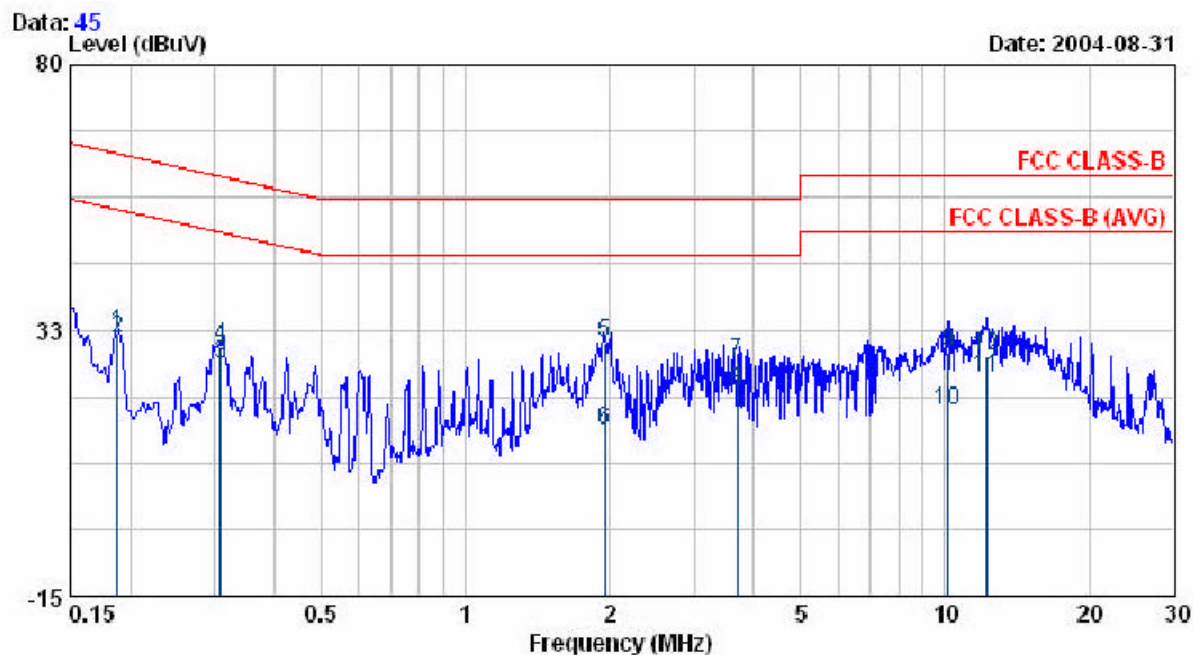


EUT : UB801R
 Power : 110V 60Hz(FOR PC)
 Test Mode : 802.11g CH L0
 Memo :

Pol/Phase : NEUTRAL
 Temperature : 26 °C
 Humidity : 58 %



Freq	Read	Factor	Level	Limit	Over	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.188	31.50	0.41	31.91	64.13	-32.22	QP
0.188	30.49	0.41	30.90	54.13	-23.23	AVERAGE
0.309	25.97	0.44	26.41	50.00	-23.59	AVERAGE
0.309	29.04	0.44	29.48	60.00	-30.52	QP
1.953	29.58	0.54	30.12	56.00	-25.88	QP
1.953	14.01	0.54	14.55	46.00	-31.45	AVERAGE
3.698	26.09	0.57	26.66	56.00	-29.34	QP
3.698	20.91	0.57	21.48	46.00	-24.52	AVERAGE
10.150	27.73	0.73	28.46	60.00	-31.54	QP
10.150	17.26	0.73	17.99	50.00	-32.01	AVERAGE
12.257	23.38	0.74	24.12	50.00	-25.88	AVERAGE
12.257	27.02	0.74	27.76	60.00	-32.24	QP

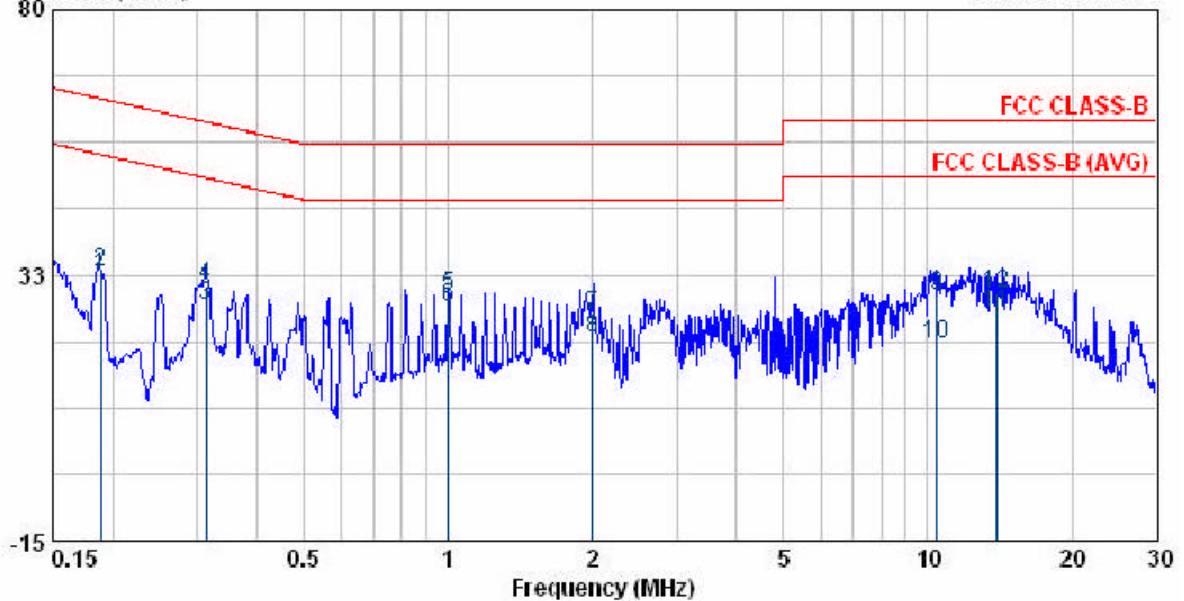
EUT : UB801R
 Power : 110V 60Hz(FOR PC)
 Test Mode : 802.11g CH L0
 Memo :

Pol/Phase : LINE
 Temperature : 26 °C
 Humidity : 58 %

Data: 44

Level (dBuV)

Date: 2004-08-31



Freq	Read	Factor	Level	Limit	Over	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.189	31.97	0.41	32.38	54.08	-21.70	AVERAGE
0.189	32.76	0.41	33.17	64.08	-30.91	QP
0.313	26.61	0.44	27.05	49.88	-22.83	AVERAGE
0.313	30.20	0.44	30.64	59.88	-29.24	QP
1.003	28.18	0.51	28.69	56.00	-27.31	QP
1.003	26.39	0.51	26.90	46.00	-19.10	AVERAGE
2.005	24.89	0.54	25.43	56.00	-30.57	QP
2.005	20.54	0.54	21.08	46.00	-24.92	AVERAGE
10.471	28.12	0.64	28.76	60.00	-31.24	QP
10.471	19.35	0.64	19.99	50.00	-30.01	AVERAGE
13.926	24.93	0.73	25.66	50.00	-24.34	AVERAGE
13.926	28.53	0.73	29.26	60.00	-30.74	QP

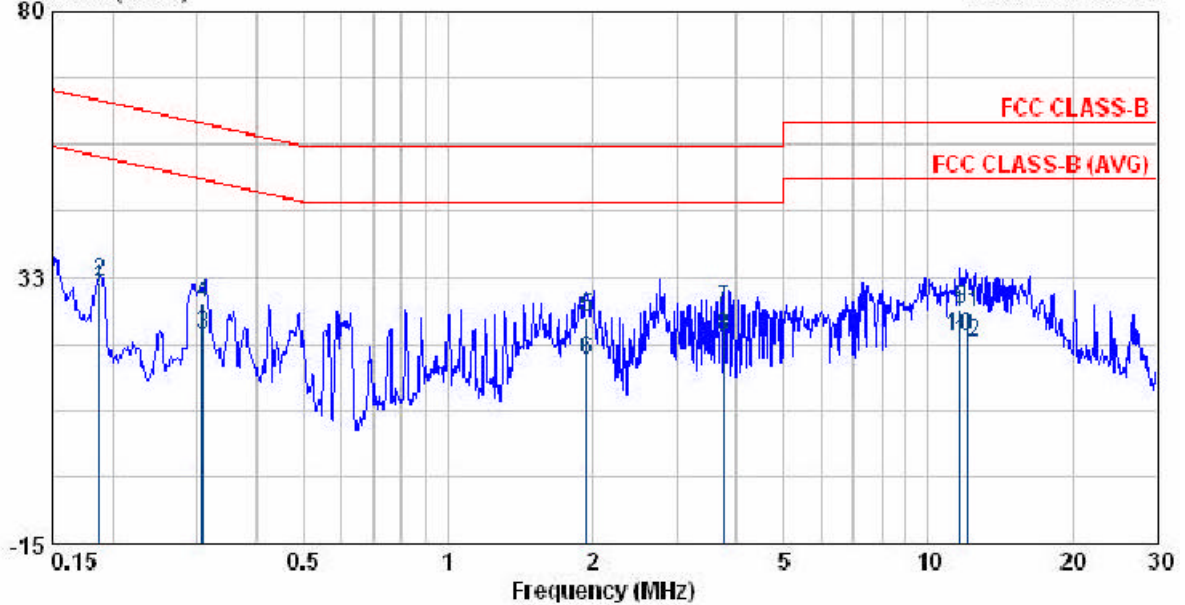
EUT : UB801R
 Power : 110V 60Hz (FOR PC)
 Test Mode : 802.11g CH MID
 Memo :

Pol/Phase : NEUTRAL
 Temperature : 26 °C
 Humidity : 58 %

Data: 46

Level (dBuV)

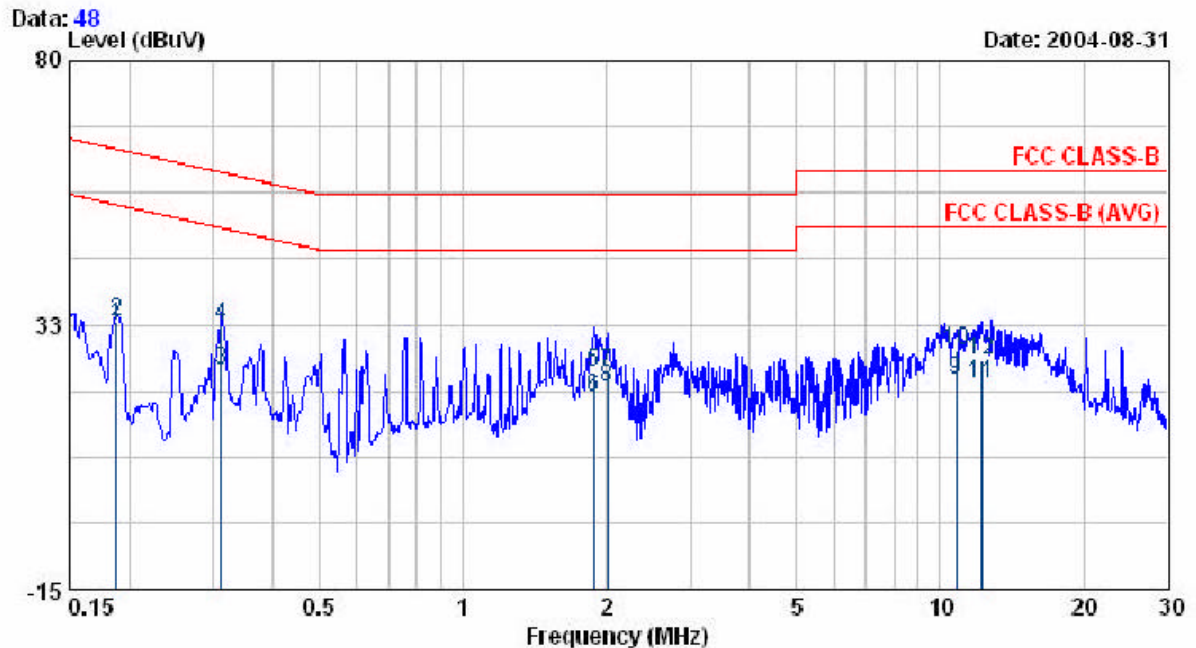
Date: 2004-08-31



Freq	Read	Factor	Level	Limit	Over	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.188	30.19	0.41	30.60	54.11	-23.50	AVERAGE
0.188	31.37	0.41	31.78	64.11	-32.32	QP
0.309	21.70	0.44	22.14	50.01	-27.87	AVERAGE
0.309	27.52	0.44	27.96	60.01	-32.05	QP
1.942	24.71	0.54	25.25	56.00	-30.75	QP
1.942	17.01	0.54	17.55	46.00	-28.45	AVERAGE
3.765	26.23	0.57	26.80	56.00	-29.20	QP
3.765	21.41	0.57	21.98	46.00	-24.02	AVERAGE
11.716	26.12	0.74	26.86	60.00	-33.14	QP
11.716	21.21	0.74	21.95	50.00	-28.05	AVERAGE
12.147	25.16	0.74	25.90	60.00	-34.10	QP
12.147	20.23	0.74	20.97	50.00	-29.03	AVERAGE

EUT : UB801R
 Power : 110V 60Hz (FOR PC)
 Test Mode : 802.11g CH MID
 Memo :

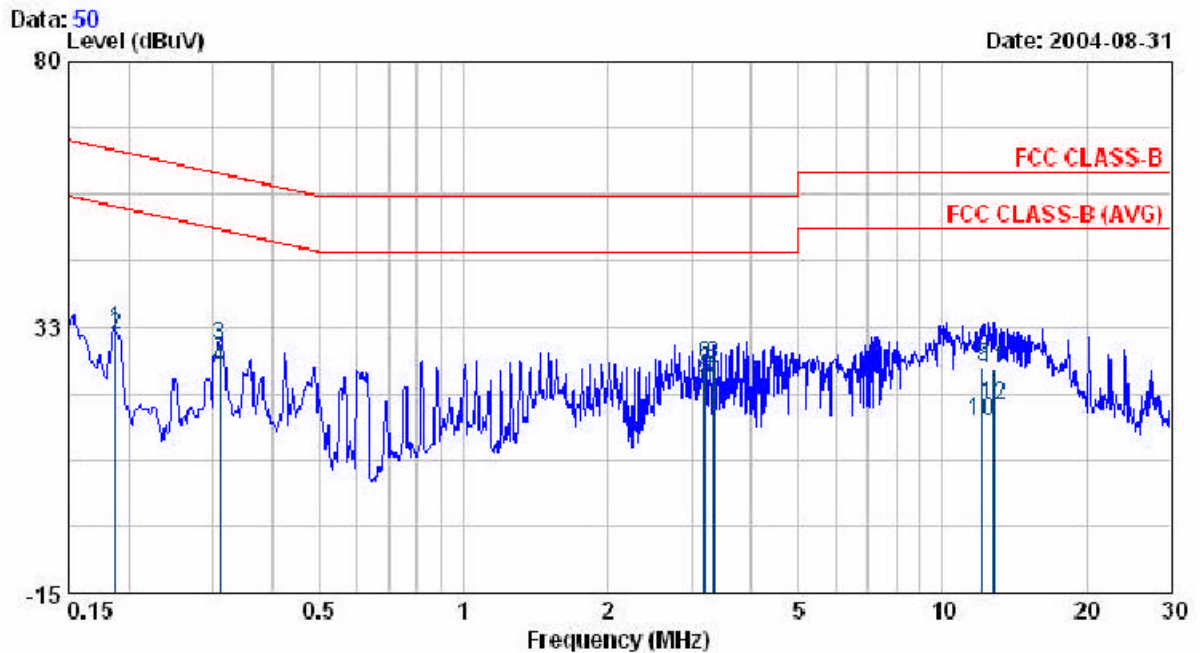
Pol/Phase : LINE
 Temperature : 26 °C
 Humidity : 58 %



Freq	Read	Factor	Level	Limit	Over	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.188	32.01	0.41	32.42	54.11	-21.68	AVERAGE
0.188	32.77	0.41	33.18	64.11	-30.92	QP
0.312	23.81	0.44	24.25	49.92	-25.67	AVERAGE
0.312	31.94	0.44	32.38	59.92	-27.54	QP
1.882	23.37	0.54	23.91	56.00	-32.09	QP
1.882	19.03	0.54	19.57	46.00	-26.43	AVERAGE
2.009	23.36	0.54	23.90	56.00	-32.10	QP
2.009	20.53	0.54	21.07	46.00	-24.93	AVERAGE
10.795	22.05	0.65	22.70	50.00	-27.30	AVERAGE
10.795	27.29	0.65	27.94	60.00	-32.06	QP
12.215	21.06	0.69	21.75	50.00	-28.25	AVERAGE
12.215	25.50	0.69	26.19	60.00	-33.81	QP

EUT : UB801R
 Power : 110V 60Hz(FOR PC)
 Test Mode : 802.11g CH HI
 Memo :

Pol/Phase : NEUTRAL
 Temperature : 26 °C
 Humidity : 58 %



Freq	Read	Factor	Level	Limit	Over	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.188	31.53	0.41	31.94	64.12	-32.18	QP
0.188	30.48	0.41	30.89	54.12	-23.23	AVERAGE
0.310	28.60	0.44	29.04	59.98	-30.94	QP
0.310	24.63	0.44	25.07	49.98	-24.91	AVERAGE
3.200	22.24	0.56	22.80	46.00	-23.20	AVERAGE
3.200	24.99	0.56	25.55	56.00	-30.45	QP
3.325	21.63	0.57	22.20	46.00	-23.80	AVERAGE
3.325	25.10	0.57	25.67	56.00	-30.33	QP
12.168	24.52	0.74	25.26	60.00	-34.74	QP
12.168	15.01	0.74	15.75	50.00	-34.25	AVERAGE
12.774	24.15	0.74	24.89	60.00	-35.11	QP
12.774	17.62	0.74	18.36	50.00	-31.64	AVERAGE

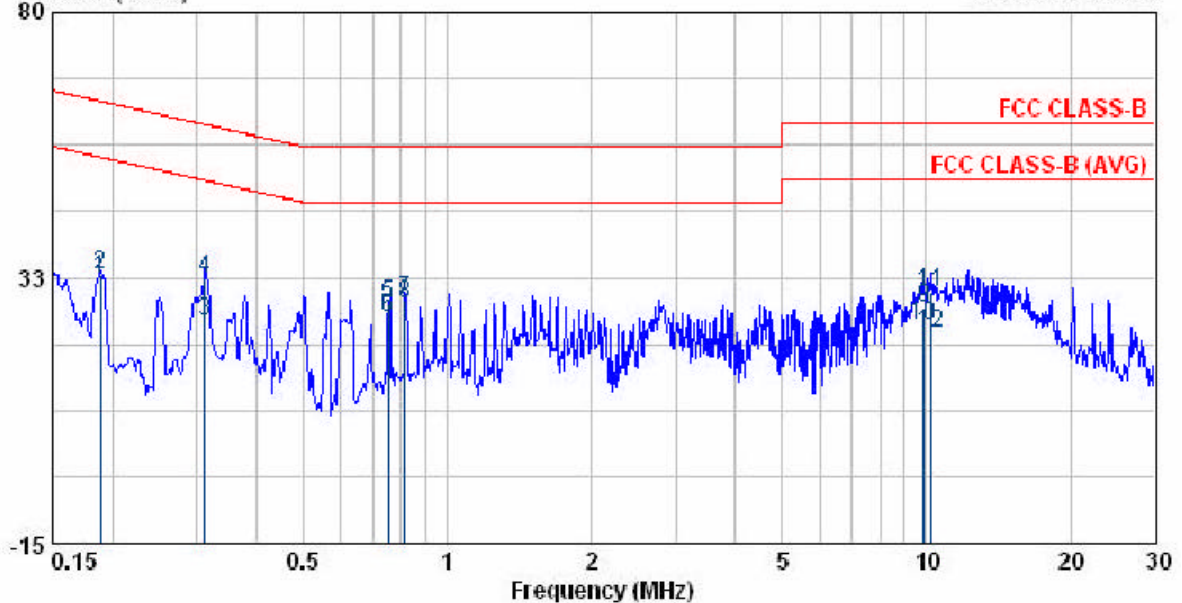
EUT : UB801R
 Power : 110V 60Hz(FOR PC)
 Test Mode : 802.11g CH HI
 Memo :

Pol/Phase : LINE
 Temperature : 26 °C
 Humidity : 58 %

Data: 49

Level (dBuV)

Date: 2004-08-31



Freq	Read	Factor	Level	Limit	Over	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.189	31.94	0.41	32.35	54.09	-21.74	AVERAGE
0.189	32.69	0.41	33.10	64.09	-30.99	QP
0.312	24.09	0.44	24.53	49.92	-25.39	AVERAGE
0.312	31.84	0.44	32.28	59.92	-27.64	QP
0.753	27.25	0.50	27.75	56.00	-28.25	QP
0.753	25.01	0.50	25.51	46.00	-20.49	AVERAGE
0.816	27.97	0.50	28.47	56.00	-27.53	QP
0.816	27.19	0.50	27.69	46.00	-18.31	AVERAGE
9.871	26.46	0.62	27.08	60.00	-32.92	QP
9.871	23.36	0.62	23.98	50.00	-26.02	AVERAGE
10.290	29.17	0.63	29.80	60.00	-30.20	QP
10.290	21.81	0.63	22.44	50.00	-27.56	AVERAGE

Test by:

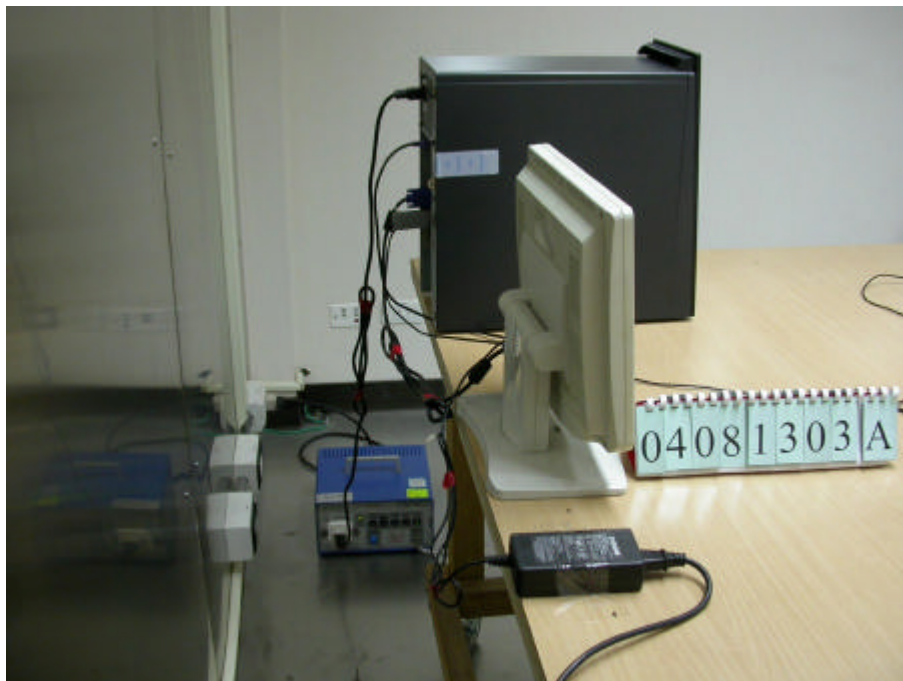
Carol

4.2.1. Photographs of Conducted Emission Test

FRONT VIEW

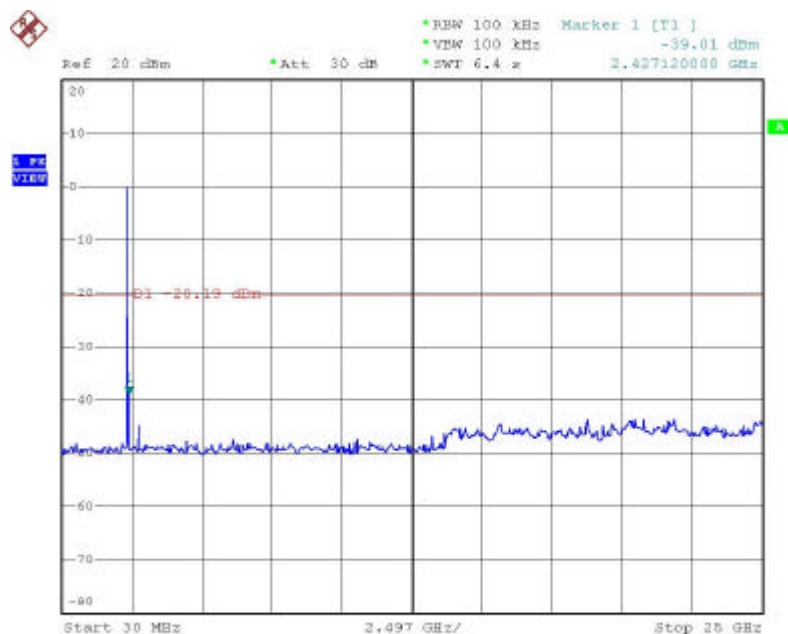


REAR VIEW

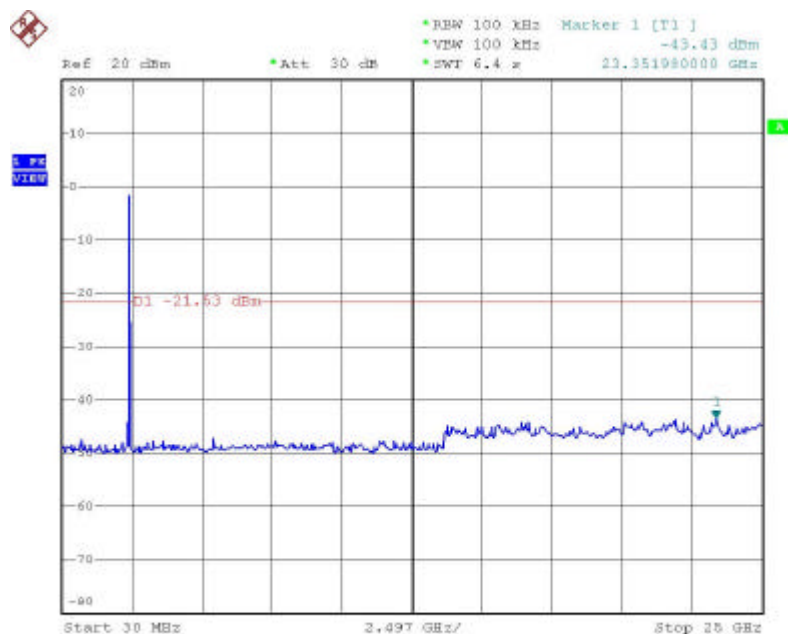


4.3. RF Portion

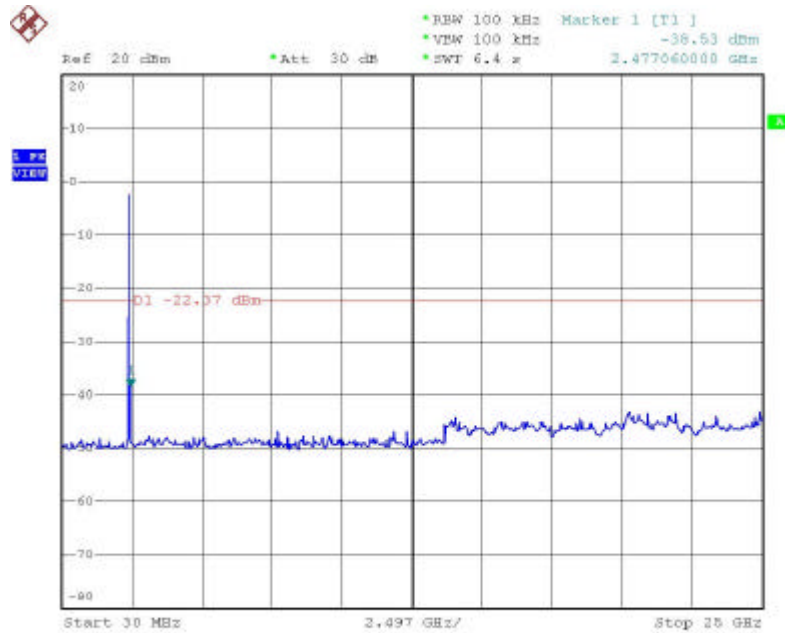
4.3.1. Test Result of Conducted Emission



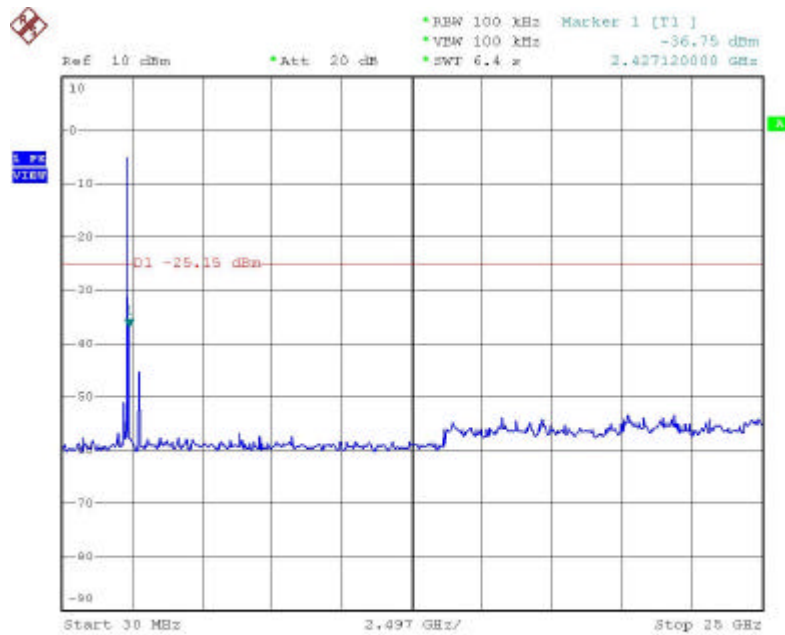
Date: 6.SEP.2004 16:44:23



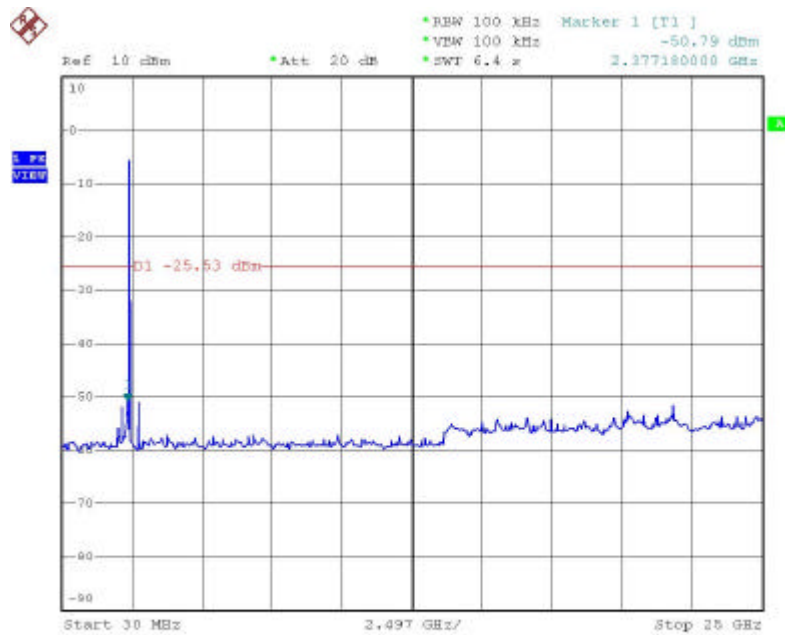
Date: 6.SEP.2004 16:42:01



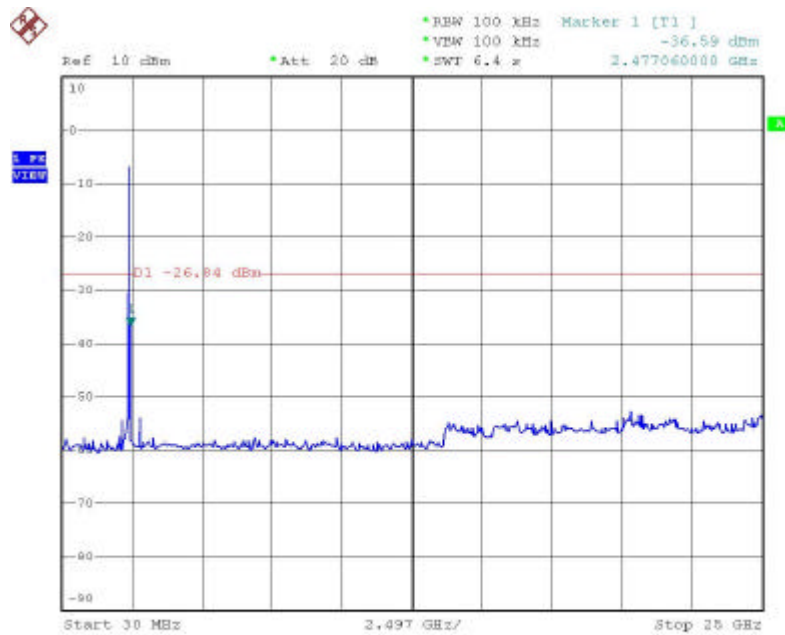
Date: 6.SEP.2004 16:39:06



Date: 6.SEP.2004 16:32:38



Date: 6.SEP.2004 16:35:14



Date: 6.SEP.2004 16:37:00

4.3.2. Test Result of Radiated Emission

Modulation Standard: IEEE 802.11b

a) Emission frequencies below 1 GHz Channel LO

Test Date: Sep. 05, 2004 Temperature: 24°C Humidity: 63%

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
41.64	V	52.83	-15.24	37.59	40	-2.41	Q.P	197	1.0

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier

b) Emission frequencies above 1 GHz Channel LO

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
2033.50	V	49.87	-2.51	47.35	74	-26.65	Peak	180	1.0
4815.50	V	46.62	6.46	53.08	74	-20.92	Peak	176	1.0
2781.00	H	51.87	0.89	52.76	74	-21.24	Peak	175	1.0
3931.50	H	45.74	5.17	50.91	74	-23.09	Peak	166	1.0
4815.50	H	47.19	7.22	54.41	74	-19.59	Peak	176	1.0
4815.50	H	31.06	7.25	38.32	54	-15.68	Ave.	179	1.0

Modulation Standard: IEEE 802.11b

a) Emission frequencies below 1 GHz Channel MID

Test Date: Sep. 05, 2004 Temperature: 24°C Humidity: 63%

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
41.64	V	51.90	-15.24	36.66	40	-3.34	Peak	240	1.0

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier

b) Emission frequencies above 1 GHz Channel MID

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
2807	H	50.58	0.99	51.58	74	-22.42	Peak	186	1.0
4876	H	46.83	7.40	54.23	74	-19.77	Peak	205	1.0
4876	H	33.25	7.43	40.68	74	-13.32	Ave.	200	1.0
4876	V	46.03	6.63	52.66	74	-21.34	Peak	195	1.0

Modulation Standard: IEEE 802.11b

a) Emission frequencies below 1 GHz Channel HI

Test Date: Sep. 05, 2004 Temperature: 24°C Humidity: 63%

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
41.64	V	52.57	-15.24	37.33	40	-2.67	Q.P	200	1.0

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier

b) Emission frequencies above 1 GHz Channel HI

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
2079.00	V	53.80	-2.36	51.44	74	-22.56	Peak	177	1.0
2079.00	H	51.63	-1.66	49.97	74	-24.03	Peak	180	1.0
4919.50	H	45.32	7.58	52.90	74	-21.10	Peak	170	1.0

Modulation Standard: IEEE 802.11g

a) Emission frequencies below 1 GHz Channel LO

Test Date: Sep. 05, 2004 Temperature: 24°C Humidity: 63%

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
41.64	V	53.17	-15.24	37.93	40	-2.07	Q.P	195	1.0

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier

b) Emission frequencies above 1 GHz Channel LO

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
2786	H	54.09	0.89	54.98	74	-19.02	Peak	176	1.0
2786	H	44.91	0.91	45.83	54	-8.17	Ave.	185	1.0
2786	V	47.14	0.14	47.28	74	-26.72	Peak	177	1.0

Modulation Standard: IEEE 802.11g

a) Emission frequencies below 1 GHz Channel MID

Test Date: Sep. 05, 2004 Temperature: 24°C Humidity: 63%

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
41.64	V	52.04	-15.24	36.80	40	-3.20	Peak	192	1.0

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier

b) Emission frequencies above 1 GHz Channel MID

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
3847	V	45.64	4.20	49.84	74	-24.16	Peak	177	1.0
2807	H	51.13	0.99	52.12	74	-21.88	Peak	179	1.0
4627	H	45.04	6.57	51.61	74	-22.39	Peak	186	1.0
2365	H	48.83	-0.67	48.16	74	-25.84	Peak	180	1.0

Modulation Standard: IEEE 802.11g

a) Emission frequencies below 1 GHz Channel HI

Test Date: Sep. 05, 2004 Temperature: 24°C Humidity: 63%

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
41.64	V	52.32	-15.24	37.08	40	-2.92	Q.P	186	1.0

Notes:

1. Result = Meter Reading + Corrected Factor
2. Corrected Factor = Antenna Factor + Cable Loss – Amplifier

b) Emission frequencies above 1 GHz Channel HI

Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
2833.00	H	49.98	1.10	51.08	74	-22.92	Peak	168	1.0
4321.50	H	45.22	5.87	51.09	74	-22.91	Peak	172	1.0
2365.00	V	49.17	-1.37	47.79	74	-26.21	Peak	166	1.0

4.3.3. Photographs of Radiated Emission Test

FRONT VIEW



REAR VIEW

