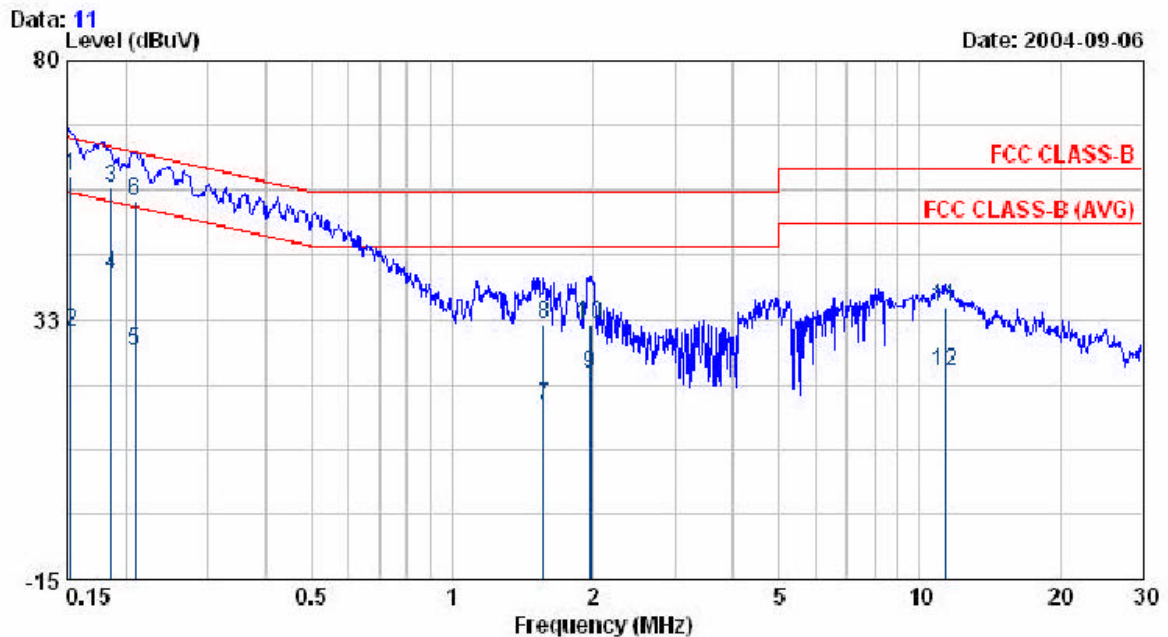


EUT : WPS54G
 Power : 110W 60Hz
 Test Mode : 802.11g CH L0
 Memo :

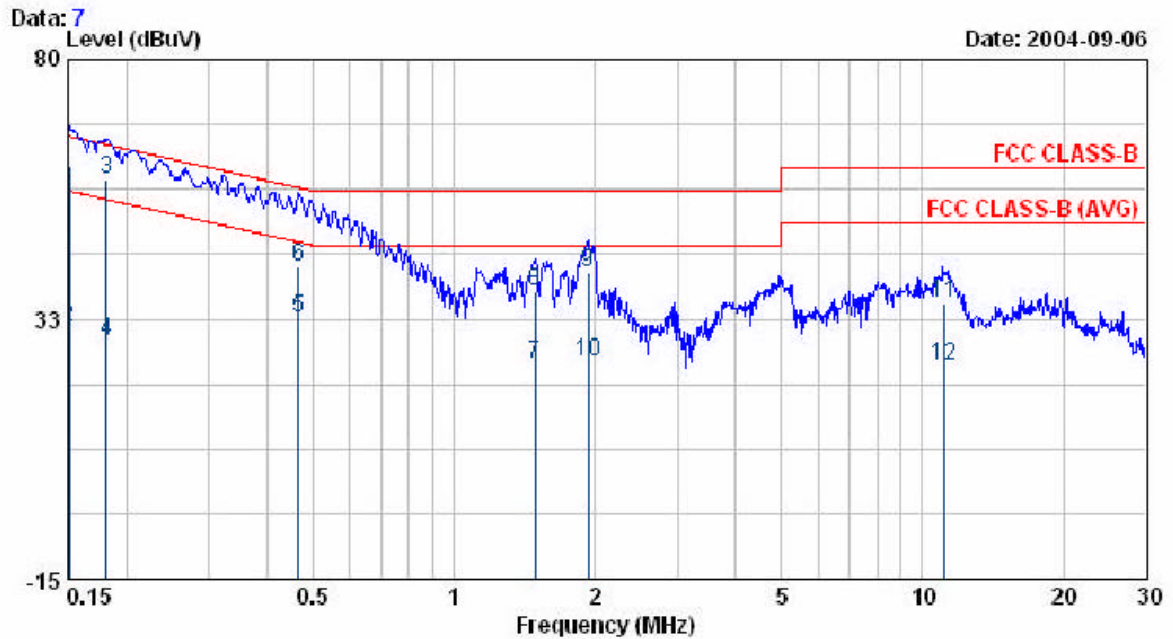
Pol/Phase : NEUTRAL
 Temperature : 26 °C
 Humidity : 59 %



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.153	58.33	0.40	58.73	65.84	-7.10	QP
0.153	29.93	0.40	30.33	55.84	-25.50	AVERAGE
0.186	56.33	0.41	56.74	64.20	-7.46	QP
0.186	40.40	0.41	40.81	54.20	-13.39	AVERAGE
0.209	26.17	0.42	26.59	53.23	-26.64	AVERAGE
0.209	53.72	0.42	54.14	63.23	-9.09	QP
1.569	16.00	0.53	16.53	46.00	-29.47	AVERAGE
1.569	31.00	0.53	31.53	56.00	-24.47	QP
1.973	21.95	0.54	22.49	46.00	-23.51	AVERAGE
1.973	31.20	0.54	31.74	56.00	-24.26	QP
11.315	34.15	0.73	34.88	60.00	-25.12	QP
11.315	22.25	0.73	22.98	50.00	-27.02	AVERAGE

EUT : WPS54G
 Power : 110V 60Hz
 Test Mode : 802.11g CH L0
 Memo :

Pol/Phase : LINE
 Temperature : 26 °C
 Humidity : 59 %



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.151	60.15	0.40	60.55	65.92	-5.37	QP
0.151	30.69	0.40	31.09	55.92	-24.83	AVERAGE
0.181	57.62	0.41	58.03	64.44	-6.40	QP
0.181	28.15	0.41	28.56	54.44	-25.87	AVERAGE
0.466	32.37	0.47	32.84	46.58	-13.75	AVERAGE
0.466	41.70	0.47	42.17	56.58	-14.42	QP
1.489	23.66	0.53	24.19	46.00	-21.81	AVERAGE
1.489	37.10	0.53	37.63	56.00	-18.37	QP
1.938	40.50	0.54	41.04	56.00	-14.96	QP
1.938	24.00	0.54	24.54	46.00	-21.46	AVERAGE
11.106	34.67	0.66	35.33	60.00	-24.67	QP
11.106	23.27	0.66	23.93	50.00	-26.07	AVERAGE

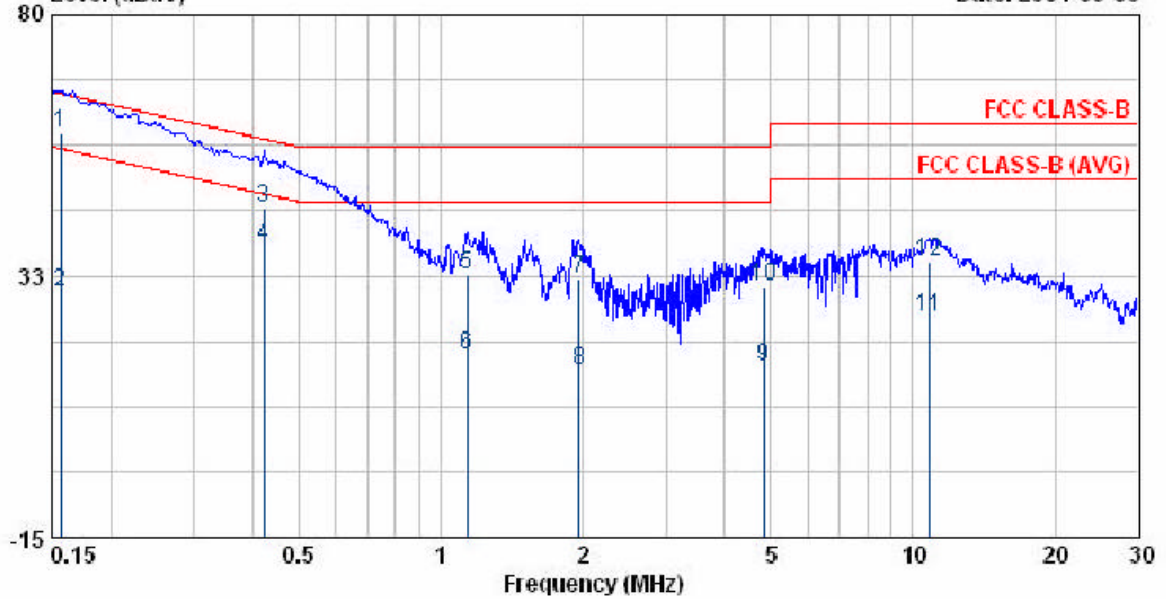
EUT : WPS54G
 Power : 110V 60Hz
 Test Mode : 802.11g CH MID
 Memo :

Pol/Phase : NEUTRAL
 Temperature : 26 °C
 Humidity : 59 %

Data: 12

Level (dBuV)

Date: 2004-09-06



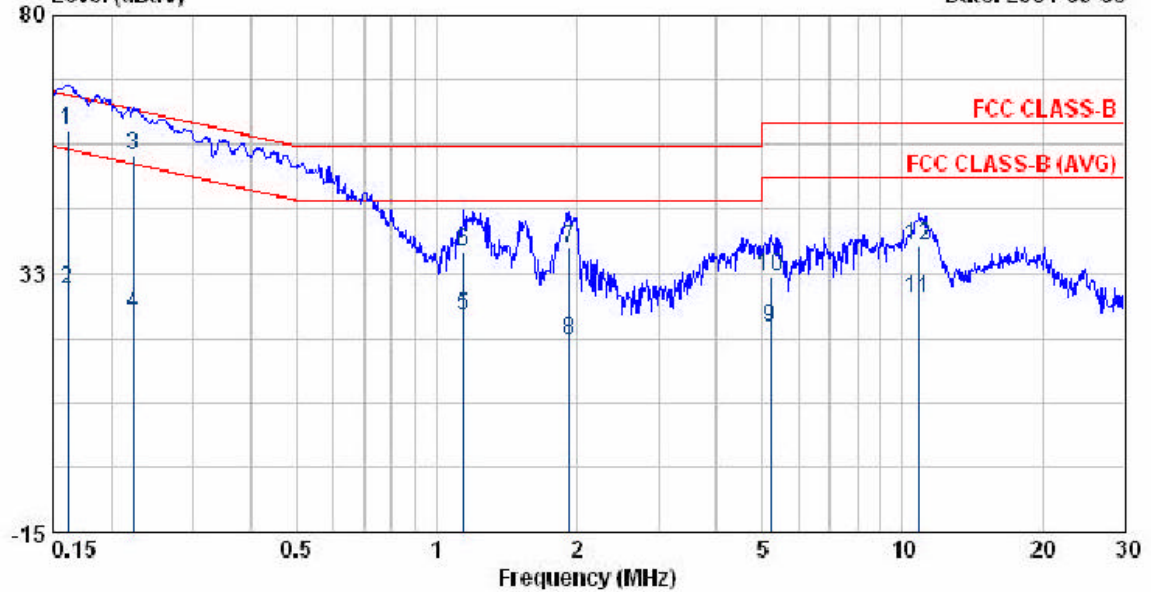
Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.157	58.18	0.40	58.58	65.65	-7.07	QP
0.157	28.98	0.40	29.38	55.65	-26.27	AVERAGE
0.423	44.28	0.46	44.74	57.39	-12.65	QP
0.423	37.44	0.46	37.90	47.39	-9.49	AVERAGE
1.138	32.27	0.52	32.79	56.00	-23.21	QP
1.138	17.71	0.52	18.23	46.00	-27.77	AVERAGE
1.964	31.50	0.54	32.04	56.00	-23.96	QP
1.964	14.60	0.54	15.14	46.00	-30.86	AVERAGE
4.829	15.29	0.60	15.89	46.00	-30.11	AVERAGE
4.829	30.11	0.60	30.71	56.00	-25.29	QP
10.855	24.19	0.73	24.92	50.00	-25.08	AVERAGE
10.855	34.22	0.73	34.95	60.00	-25.05	QP

EUT : WPS54G
 Power : 110V 60Hz
 Test Mode : 802.11g CH MID
 Memo :

Pol/Phase : LINE
 Temperature : 26 °C
 Humidity : 59 %

Data: 13
 Level (dBuV)

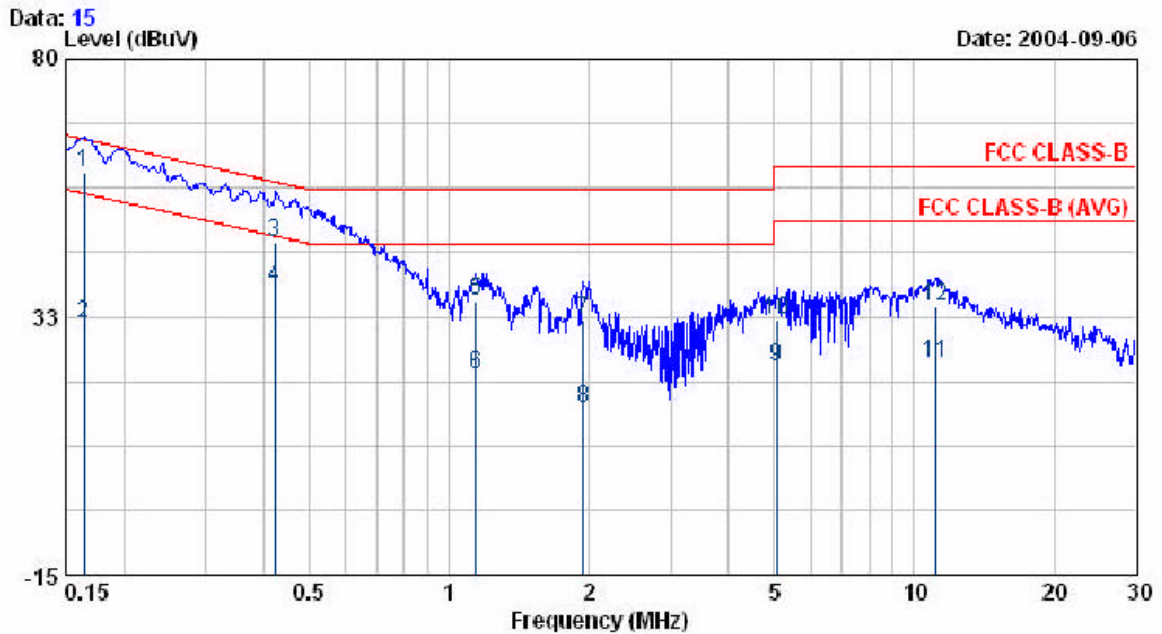
Date: 2004-09-06



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.162	58.34	0.40	58.74	65.38	-6.64	QP
0.162	28.98	0.40	29.38	55.38	-26.00	AVERAGE
0.224	53.68	0.42	54.10	62.68	-8.58	QP
0.224	24.50	0.42	24.92	52.68	-27.76	AVERAGE
1.141	24.21	0.52	24.73	46.00	-21.27	AVERAGE
1.141	35.93	0.52	36.45	56.00	-19.55	QP
1.926	36.70	0.54	37.24	56.00	-18.76	QP
1.926	19.51	0.54	20.05	46.00	-25.95	AVERAGE
5.218	22.12	0.59	22.71	50.00	-27.29	AVERAGE
5.218	31.32	0.59	31.91	60.00	-28.09	QP
10.859	27.06	0.65	27.71	50.00	-22.29	AVERAGE
10.859	36.76	0.65	37.41	60.00	-22.59	QP

EUT : WPS54G
 Power : 110W 60Hz
 Test Mode : 802.11g CH HI
 Memo :

Pol/Phase : NEUTRAL
 Temperature : 26 °C
 Humidity : 59 %



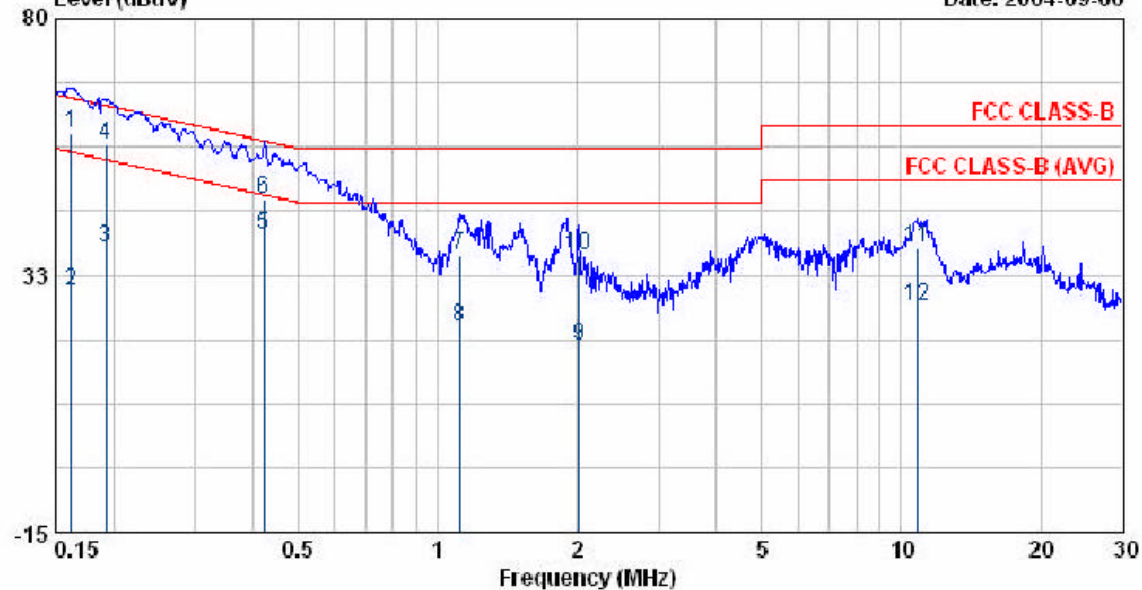
Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.164	58.59	0.41	59.00	65.25	-6.25	QP
0.164	31.05	0.41	31.46	55.25	-23.79	AVERAGE
0.423	45.69	0.46	46.15	57.39	-11.24	QP
0.423	37.52	0.46	37.98	47.39	-9.41	AVERAGE
1.142	34.80	0.52	35.32	56.00	-20.68	QP
1.142	21.41	0.52	21.93	46.00	-24.07	AVERAGE
1.944	31.46	0.54	32.00	56.00	-24.00	QP
1.944	15.06	0.54	15.60	46.00	-30.40	AVERAGE
5.074	22.79	0.61	23.40	50.00	-26.60	AVERAGE
5.074	31.50	0.61	32.11	60.00	-27.89	QP
11.186	23.18	0.73	23.91	50.00	-26.09	AVERAGE
11.186	33.54	0.73	34.27	60.00	-25.73	QP

EUT : WPS54G
 Power : 110V 60Hz
 Test Mode : 802.11g CH HI
 Memo :

Pol/Phase : LINE
 Temperature : 26 °C
 Humidity : 59 %

Data: 14
 Level (dBuV)

Date: 2004-09-06



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.162	58.47	0.40	58.87	65.34	-6.47	QP
0.162	29.26	0.40	29.66	55.34	-25.68	AVERAGE
0.193	37.10	0.41	37.51	53.92	-16.40	AVERAGE
0.193	56.30	0.41	56.71	63.92	-7.20	QP
0.423	39.52	0.46	39.98	47.39	-7.41	AVERAGE
0.423	46.10	0.46	46.56	57.39	-10.83	QP
1.116	35.52	0.52	36.04	56.00	-19.96	QP
1.116	22.31	0.52	22.83	46.00	-23.17	AVERAGE
2.016	18.90	0.54	19.44	46.00	-26.56	AVERAGE
2.016	35.70	0.54	36.24	56.00	-19.76	QP
10.859	36.77	0.65	37.42	60.00	-22.58	QP
10.859	26.22	0.65	26.87	50.00	-23.13	AVERAGE

Test by:

Carol

4.2.1. Photographs of Conducted Emission Test

FRONT VIEW

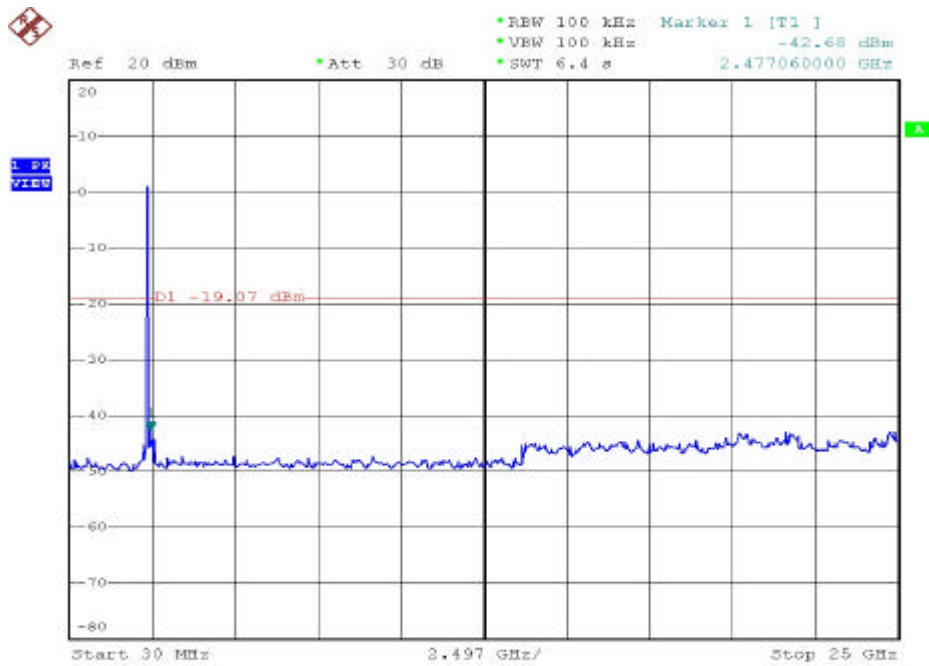


REAR VIEW

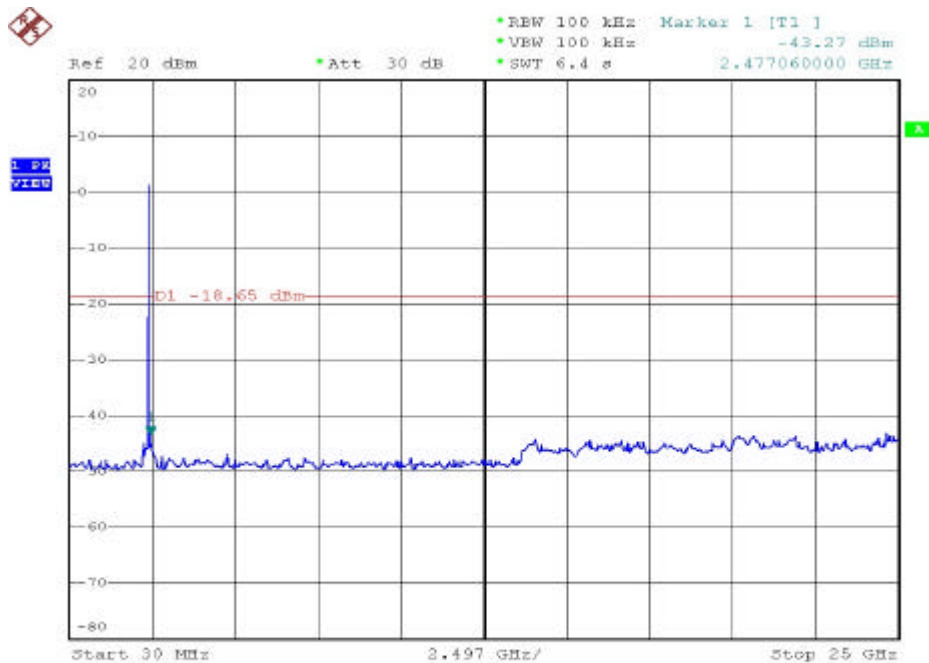


4.3. RF Portion

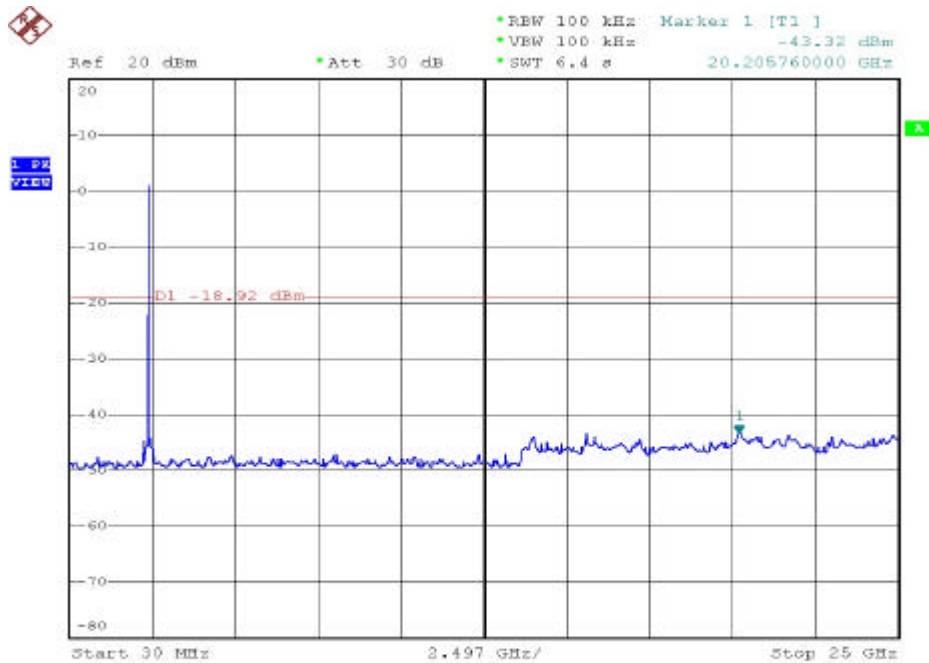
4.3.1. Test Result of Conducted Emission



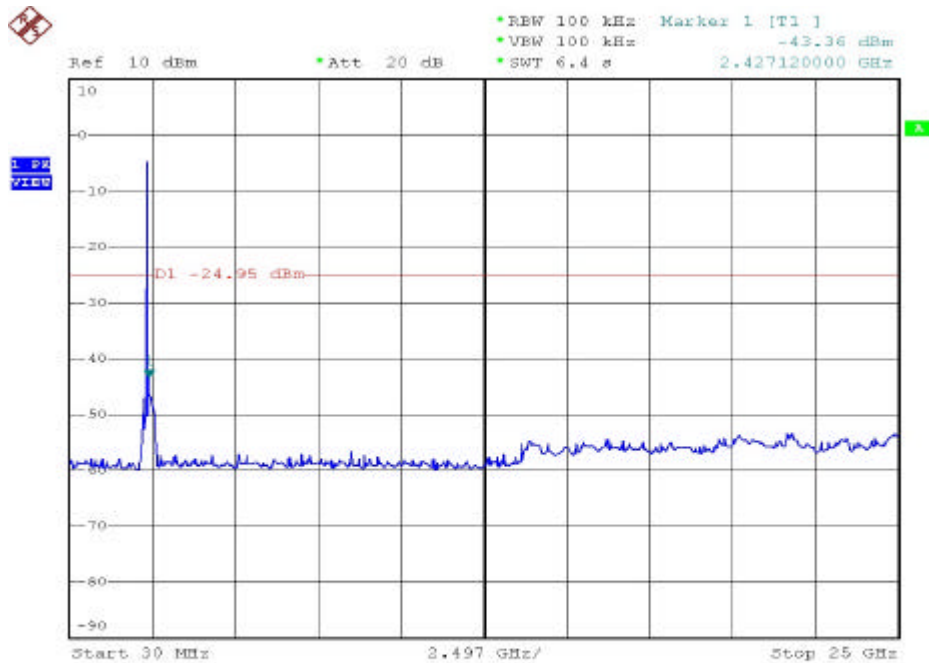
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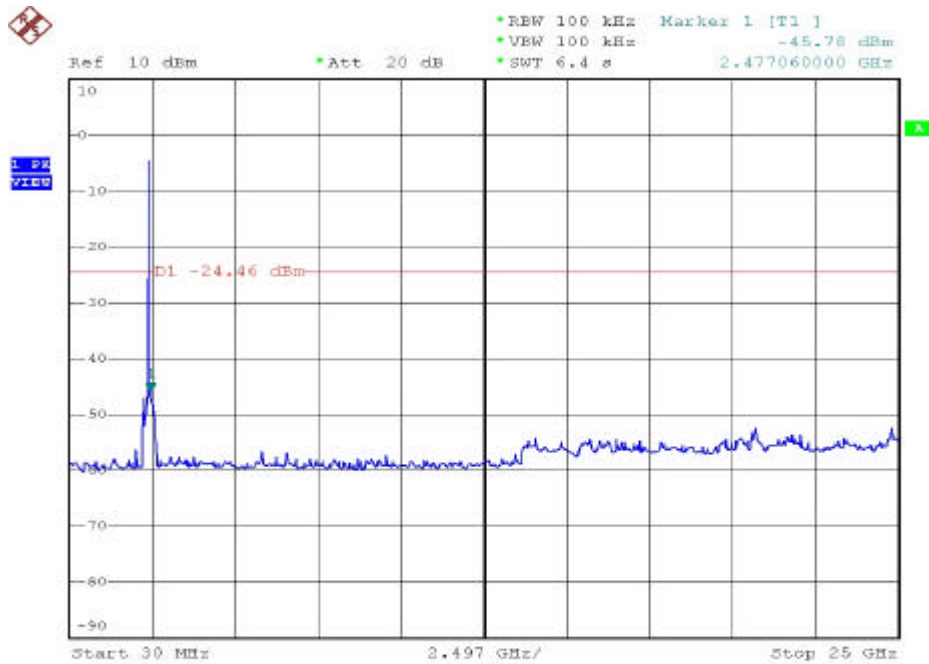
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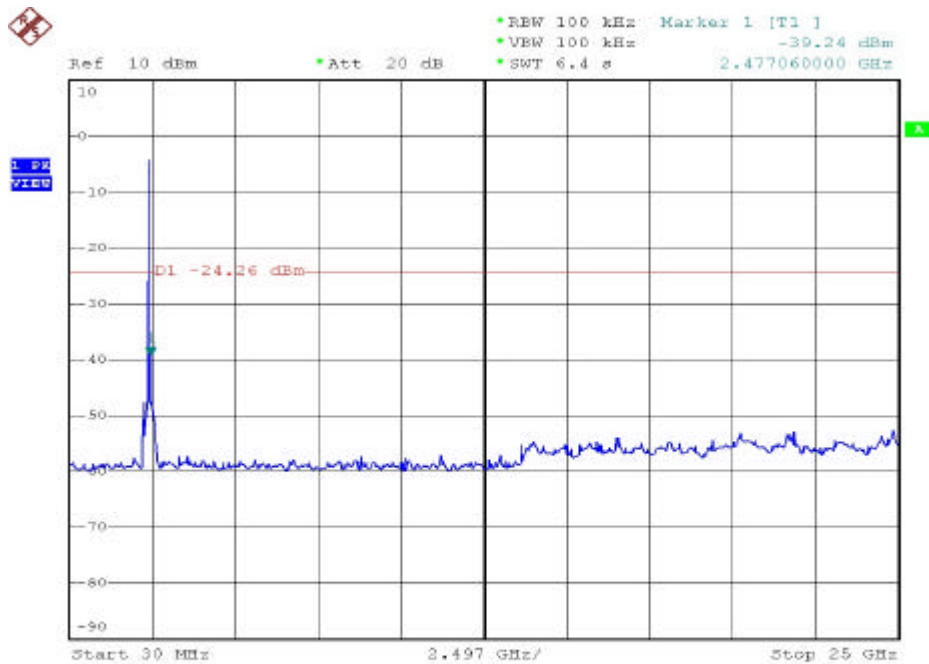
Date: 8.SEP.2004 16:16:50



Date: 8.SEP.2004 16:24:53



Date: 8.SEP.2004 16:27:06



Date: 8.SEP.2004 16:29:00

4.3.2. Test Result of Radiated Emission

Modulation Standard: IEEE 802.11b

a) Emission frequencies below 1 GHz Channel LO

Test Date: Sep. 14, 2004 Temperature: 24 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)
480.00	H	51.02	-6.55	44.47	46	-1.53	Q.P	100	1.0
800.18	H	43.66	0.73	44.39	46	-1.61	Q.P	120	1.0
33.88	V	48.22	-11.17	37.05	40	-2.95	Q.P	135	1.0
50.55	V	56.27	-19.69	36.58	40	-3.41	Peak	116	1.0
56.19	V	56.98	-19.75	37.23	40	-2.77	Q.P	160	1.0
800.18	V	43.84	0.72	44.56	46	-1.44	Q.P	105	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)
1591.5	H	55.94	-4.34	51.60	74	-22.40	Peak	196	1.5
1600.0	V	59.37	-4.88	54.49	74	-19.51	Peak	210	1.5
1600.0	V	54.57	-4.83	49.74	54	-4.26	Ave	215	1.5
1903.5	V	52.49	-3.16	49.33	74	-24.67	Peak	185	1.5
4823.0	V	51.10	6.46	57.56	74	-16.44	Peak	177	1.5
4823.0	V	35.72	6.48	42.20	54	-11.80	Ave	182	1.5

Modulation Standard: IEEE 802.11b

a) Emission frequencies below 1 GHz Channel MID

Test Date: Sep. 14, 2004 Temperature: 24 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)
800.18	H	43.60	0.73	44.33	46	-1.67	Q.P	126	1.0
51.34	V	58.73	-20.07	38.67	40	-1.33	Q.P	96	1.0
56.19	V	56.91	-19.75	37.16	40	-2.84	Q.P	120	1.0
800.18	V	43.97	0.73	44.71	46	-1.29	Q.P	130	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)
1591.5	H	55.94	-4.34	51.60	74	-22.40	Peak	205	1.5
1600.0	V	59.77	-4.88	54.90	74	-19.10	Peak	225	1.5
1600.0	V	54.50	-4.83	49.67	54	-4.33	Ave	220	1.5
1903.5	V	52.37	-3.16	49.21	74	-24.79	Peak	192	1.5
4872.0	V	53.47	6.63	60.09	74	-13.91	Peak	185	1.5
4872.0	V	35.06	6.64	41.70	54	-12.30	Ave	192	1.5

Modulation Standard: IEEE 802.11b

a) Emission frequencies below 1 GHz Channel HI

Test Date: Sep. 14, 2004 Temperature: 24 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)
800.18	H	42.81	0.73	43.54	46	-2.46	Q.P	120	1.0
51.34	V	58.12	-20.07	38.06	40	-1.94	Q.P	100	1.0
56.19	V	56.68	-19.75	36.93	40	-3.07	Peak	113	1.0
800.18	V	43.97	0.73	44.71	46	-1.29	Q.P	120	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)
1519.5	H	56.44	-4.34	52.10	74	-21.90	Peak	205	1.5
1600.0	V	59.66	-4.88	54.78	74	-19.22	Peak	210	1.5
1600.0	V	54.58	-4.33	49.75	74	-24.25	Ave	215	1.5
1903.5	V	52.83	-3.16	49.67	74	-24.33	Peak	200	1.5
4923.2	V	52.81	6.80	59.61	74	-14.39	Peak	185	1.5
4923.2	V	35.96	6.81	42.77	54	-11.23	Ave	178	1.5

Modulation Standard: IEEE 802.11g

a) Emission frequencies below 1 GHz Channel LO

Test Date: Sep. 14, 2004 Temperature: 24 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)
800.18	H	43.39	0.73	44.12	46	-1.88	Q.P	125	1.0
51.34	V	58.32	-20.07	38.26	40	-1.74	Q.P	99	1.0
56.19	V	57.05	-19.75	37.30	40	-2.70	Q.P	116	1.0
800.18	V	47.58	0.73	44.32	46	-1.67	Q.P	132	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)
1591.5	H	55.85	-4.34	51.51	74	-22.49	Peak	210	1.5
1600.0	V	59.64	-4.88	54.77	74	-19.23	Peak	200	1.5
1600.0	V	54.47	-4.83	49.64	54	-4.36	Ave	205	1.5
1903.5	V	52.37	-3.16	49.21	74	-24.79	Peak	192	1.5
4825.8	V	49.8	6.46	56.26	74	-17.74	Peak	185	1.5
4825.8	V	33.52	6.49	40.01	54	-13.99	Ave	190	1.5

Modulation Standard: IEEE 802.11g

a) Emission frequencies below 1 GHz Channel MID

Test Date: Sep. 14, 2004 Temperature: 24 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)
800.18	H	43.09	0.73	43.82	46	-2.18	Q.P	132	1.0
51.34	V	58.39	-20.07	-38.33	40	-1.67	Q.P	102	1.0
56.19	V	56.61	-19.75	36.86	40	-3.14	Peak	120	1.0
800.18	V	43.35	0.73	44.09	46	-1.91	Q.P	115	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)
1591.5	H	56.31	-4.34	51.97	74	-22.03	Peak	215	1.5
1600.0	V	55.17	-4.83	50.34	54	-3.66	Ave	200	1.5
1600.0	V	59.30	-4.88	54.43	74	-19.57	Peak	210	1.5
1903.5	V	51.80	-3.16	48.64	74	-25.36	Peak	196	1.5
4887.0	V	51.15	6.69	57.85	74	-16.15	Peak	205	1.5
4887.0	V	33.29	6.65	39.94	54	-14.06	Ave	185	1.5
7311.0	V	50.46	10.40	60.86	74	-13.14	Peak	179	1.5
7311.0	V	35.67	10.39	46.06	54	-7.94	Ave	175	1.5

Modulation Standard: IEEE 802.11g

a) Emission frequencies below 1 GHz Channel HI

Test Date: Sep. 14, 2004 Temperature: 24 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)
800.18	H	43.51	0.73	44.24	46	-1.76	Q.P	120	1.0
51.34	V	58.62	-20.07	38.56	40	-1.44	Q.P	95	1.0
56.19	V	57.14	-19.75	37.39	40	-2.61	Q.P	110	1.0
800.18	V	43.72	0.73	44.46	46	-1.54	Q.P	106	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)
1591.5	H	55.88	-4.34	51.54	74	-22.46	Peak	199	1.5
1600.0	V	59.63	-4.88	54.76	74	-19.24	Peak	200	1.5
1600.0	V	55.68	-4.83	50.85	54	-3.15	Ave	195	1.5
1903.5	V	52.51	-3.16	49.35	74	-24.65	Peak	168	1.5
4926.0	V	51.08	6.80	57.88	74	-16.12	Peak	188	1.5
4926.0	V	34.56	6.82	41.38	54	-12.62	Ave	192	1.5
7375.8	V	50.87	10.50	61.36	74	-12.64	Peak	184	1.5
7375.8	V	35.04	10.48	45.52	54	-8.48	Ave	180	1.5

4.3.3. Photographs of Radiated Emission Test

FRONT VIEW



REAR VIEW

