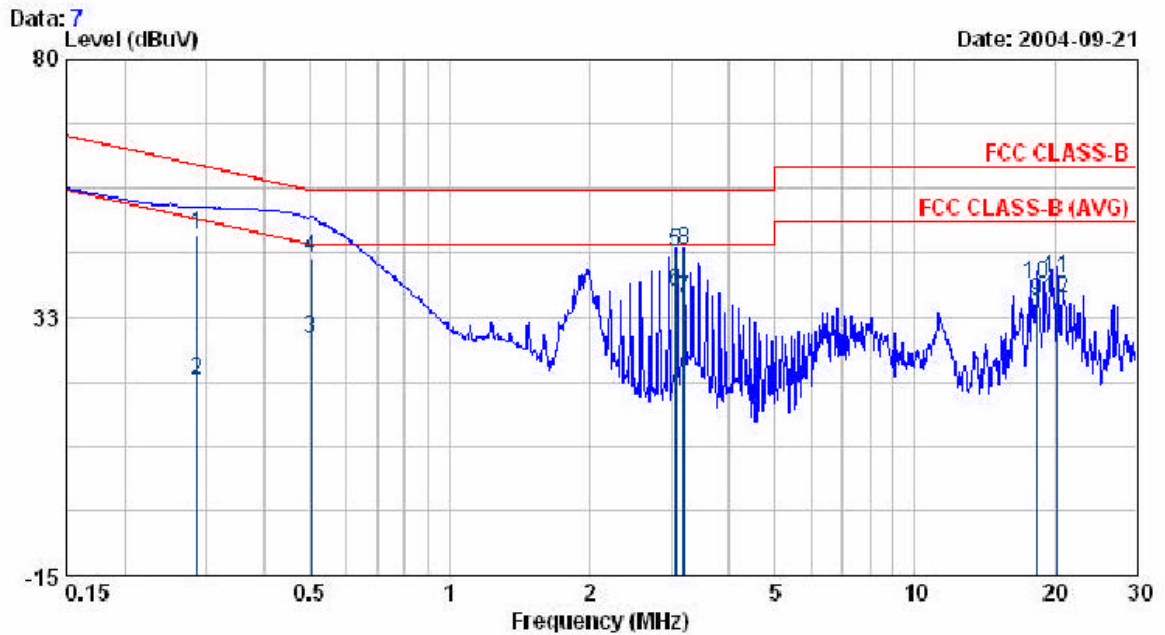


EUT : IP806SM
 Power : 110W 60Hz
 Test Mode : 802.11g CH L0
 Memo :

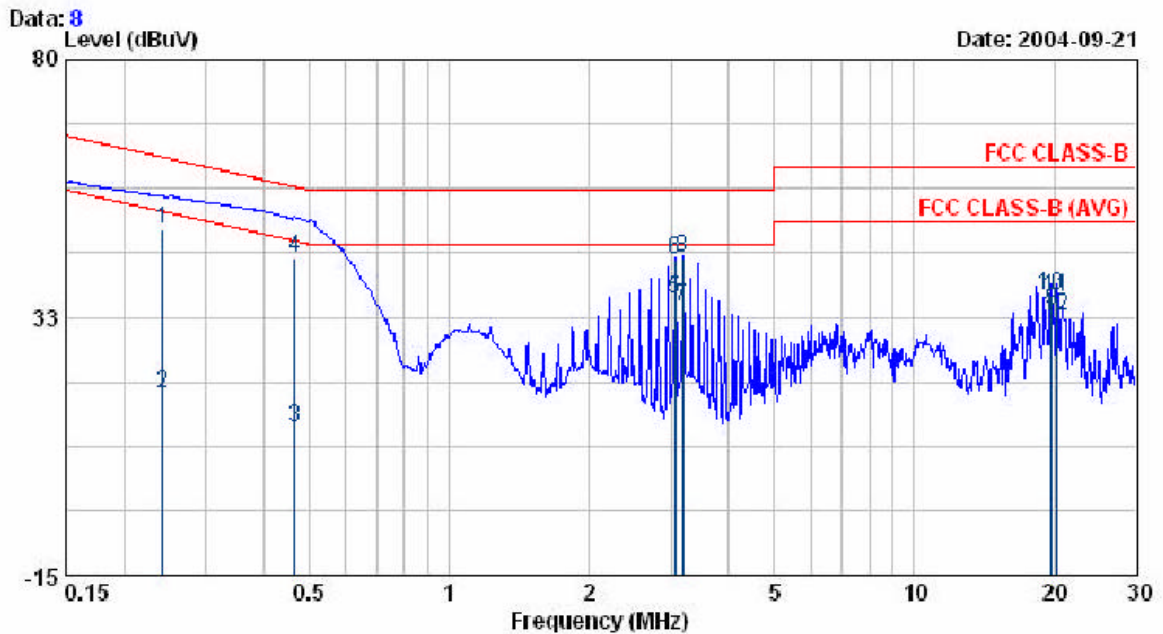
Pol/Phase : NEUTRAL
 Temperature : 26 °C
 Humidity : 50 %



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.286	47.27	0.44	47.71	60.63	-12.92	QP
0.286	20.36	0.44	20.80	50.63	-29.83	AVERAGE
0.505	28.05	0.47	28.52	46.00	-17.48	AVERAGE
0.505	43.03	0.47	43.50	56.00	-12.50	QP
3.065	43.87	0.56	44.43	56.00	-11.57	QP
3.065	36.54	0.56	37.10	46.00	-8.90	AVERAGE
3.187	35.21	0.56	35.77	46.00	-10.23	AVERAGE
3.187	44.19	0.56	44.75	56.00	-11.25	QP
18.305	34.49	0.84	35.33	50.00	-14.67	AVERAGE
18.305	37.81	0.84	38.65	60.00	-21.35	QP
20.258	38.83	0.88	39.71	60.00	-20.29	QP
20.258	35.00	0.88	35.88	50.00	-14.12	AVERAGE

EUT : IP806SM
 Power : 110V 60Hz
 Test Mode : 802.11g CH L0
 Memo :

Pol/Phase : LINE
 Temperature : 26 °C
 Humidity : 50 %



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.242	48.36	0.43	48.79	62.04	-13.25	QP
0.242	18.07	0.43	18.50	52.04	-33.54	AVERAGE
0.466	11.62	0.47	12.09	46.58	-34.50	AVERAGE
0.466	43.14	0.47	43.61	56.58	-12.98	QP
3.063	35.20	0.56	35.76	46.00	-10.24	AVERAGE
3.063	42.40	0.56	42.96	56.00	-13.04	QP
3.185	33.86	0.56	34.42	46.00	-11.58	AVERAGE
3.185	42.81	0.56	43.37	56.00	-12.63	QP
19.709	32.79	0.87	33.66	50.00	-16.34	AVERAGE
19.709	35.78	0.87	36.65	60.00	-23.35	QP
20.259	35.16	0.90	36.06	60.00	-23.94	QP
20.259	31.93	0.90	32.83	50.00	-17.17	AVERAGE

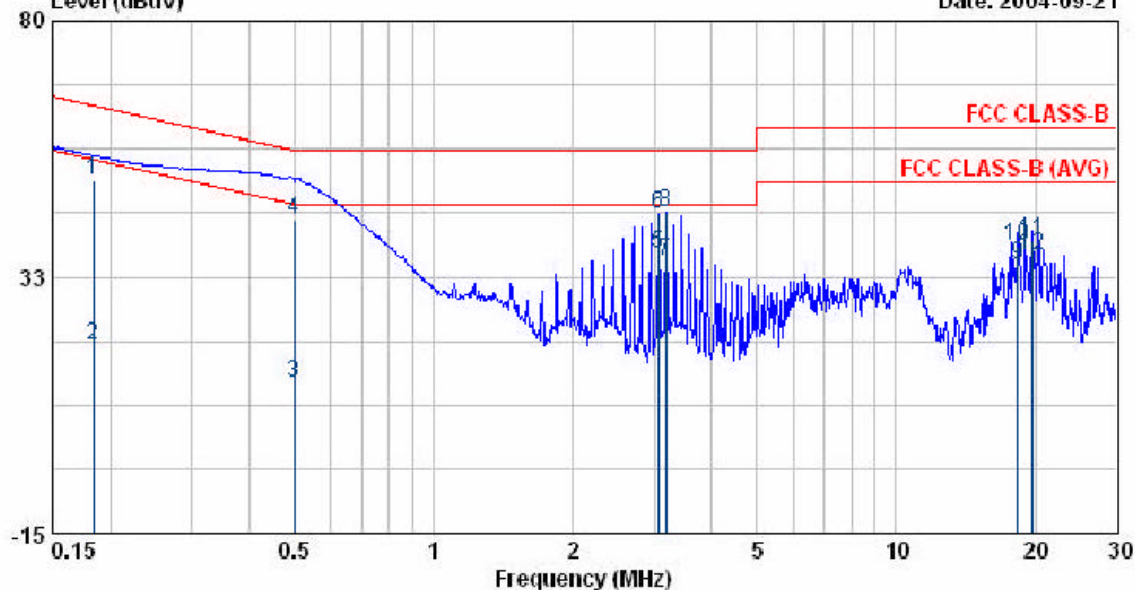
EUT : IP806SM
 Power : 110V 60Hz
 Test Mode : 802.11g CH MID
 Memo :

Pol/Phase : NEUTRAL
 Temperature : 26 °C
 Humidity : 50 %

Data: 10

Level (dBuV)

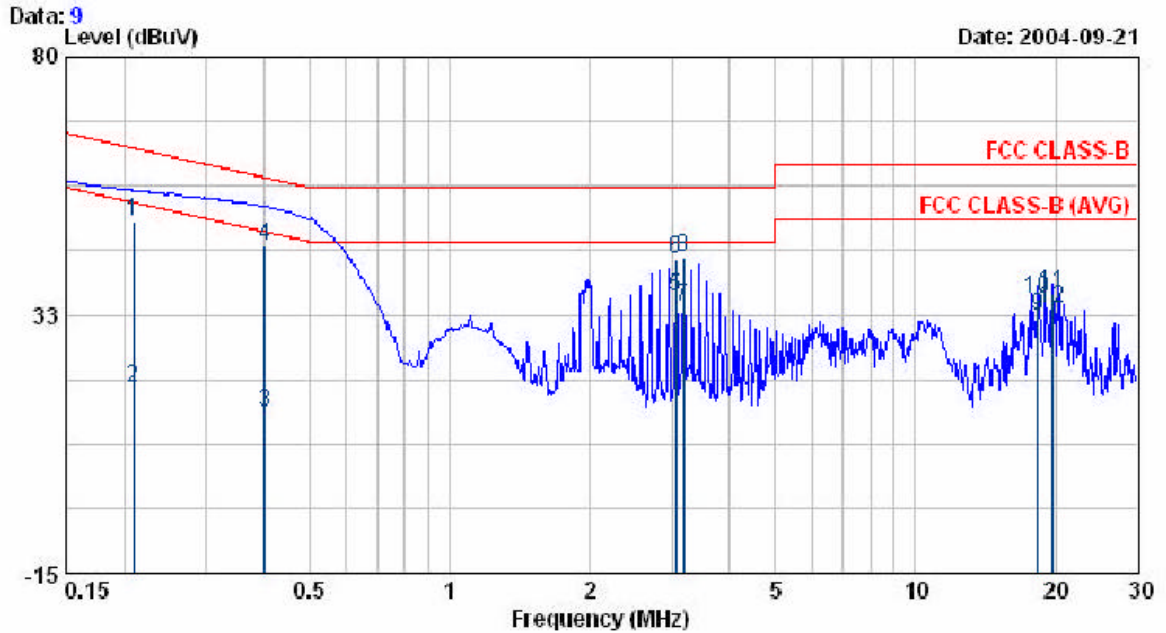
Date: 2004-09-21



Freq	Read	Factor	Level	Limit	Over	Remark
Mhz	dBuV	dB	dBuV	dBuV	dBuV	
0.184	49.99	0.41	50.40	64.33	-13.92	QP
0.184	19.43	0.41	19.84	54.33	-34.48	AVERAGE
0.500	12.26	0.47	12.73	46.00	-33.27	AVERAGE
0.500	42.78	0.47	43.25	56.00	-12.75	QP
3.061	36.45	0.56	37.01	46.00	-8.99	AVERAGE
3.061	43.51	0.56	44.07	56.00	-11.93	QP
3.181	34.92	0.56	35.48	46.00	-10.52	AVERAGE
3.181	44.02	0.56	44.58	56.00	-11.42	QP
18.306	33.93	0.84	34.77	50.00	-15.23	AVERAGE
18.306	37.58	0.84	38.42	60.00	-21.58	QP
19.709	38.59	0.87	39.46	60.00	-20.54	QP
19.709	35.48	0.87	36.35	50.00	-13.65	AVERAGE

EUT : IP806SM
 Power : 110W 60Hz
 Test Mode : 802.11g CH MID
 Memo :

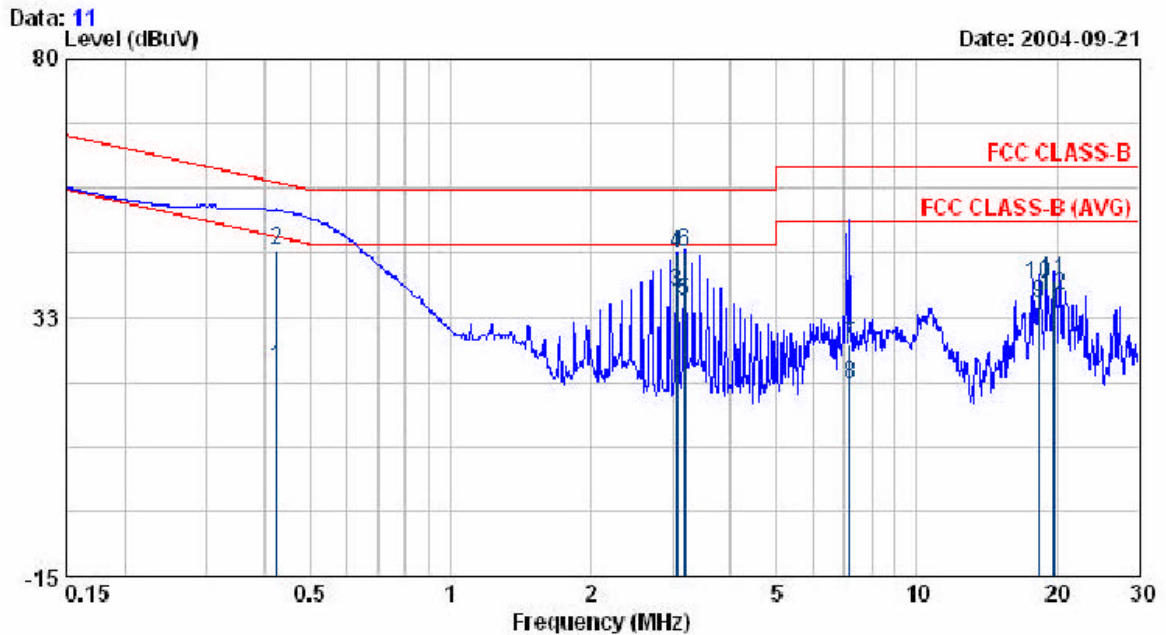
Pol/Phase : LINE
 Temperature : 26 °C
 Humidity : 50 %



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.209	49.30	0.42	49.72	63.23	-13.51	QP
0.209	18.64	0.42	19.06	53.23	-34.17	AVERAGE
0.402	14.12	0.46	14.58	47.81	-33.24	AVERAGE
0.402	44.79	0.46	45.25	57.81	-12.57	QP
3.062	35.25	0.56	35.81	46.00	-10.19	AVERAGE
3.062	42.29	0.56	42.85	56.00	-13.15	QP
3.182	33.63	0.56	34.19	46.00	-11.81	AVERAGE
3.182	42.65	0.56	43.21	56.00	-12.79	QP
18.305	31.39	0.84	32.23	50.00	-17.77	AVERAGE
18.305	34.79	0.84	35.63	60.00	-24.37	QP
19.709	35.79	0.87	36.66	60.00	-23.34	QP
19.709	32.75	0.87	33.62	50.00	-16.38	AVERAGE

EUT : IP806SM
 Power : 110V 60Hz
 Test Mode : 802.11g CH HI
 Memo :

Pol/Phase : NEUTRAL
 Temperature : 26 °C
 Humidity : 50 %



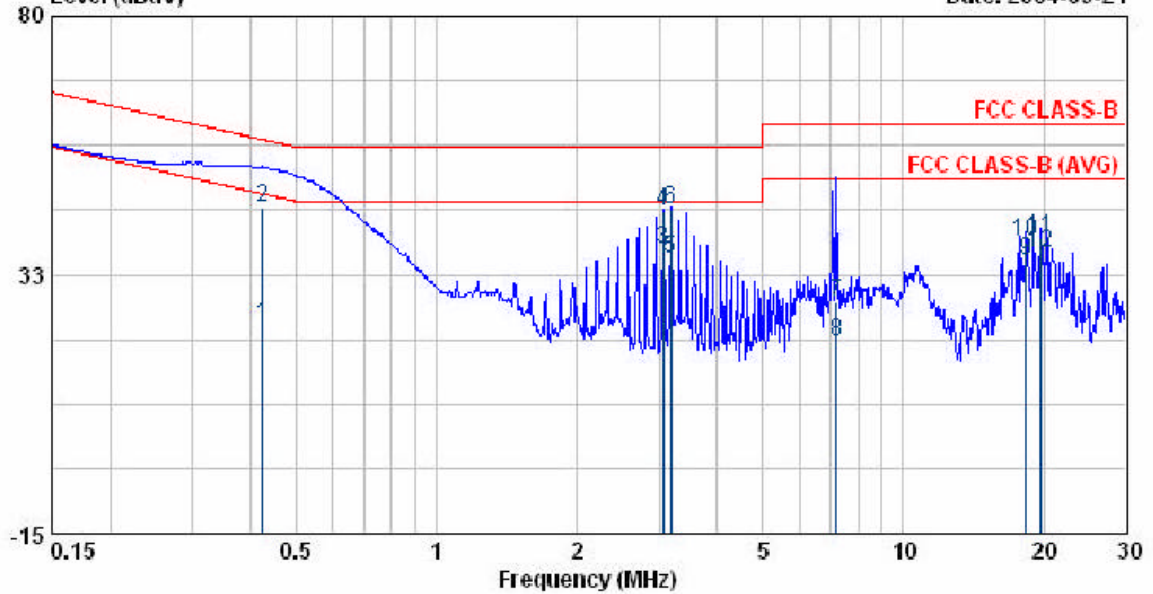
Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.424	22.83	0.46	23.29	47.38	-24.08	AVERAGE
0.424	44.45	0.46	44.91	57.38	-12.46	QP
3.059	36.58	0.56	37.14	46.00	-8.86	AVERAGE
3.059	43.45	0.56	44.01	56.00	-11.99	QP
3.179	34.94	0.56	35.50	46.00	-10.50	AVERAGE
3.179	43.99	0.56	44.55	56.00	-11.45	QP
7.214	26.88	0.67	27.55	60.00	-32.45	QP
7.214	19.40	0.67	20.07	50.00	-29.93	AVERAGE
18.305	34.28	0.84	35.12	50.00	-14.88	AVERAGE
18.305	37.67	0.84	38.51	60.00	-21.49	QP
19.709	38.57	0.87	39.44	60.00	-20.56	QP
19.709	35.57	0.87	36.44	50.00	-13.56	AVERAGE

EUT : IP806SM
 Power : 110V 60Hz
 Test Mode : 802.11g CH HI
 Memo :

Pol/Phase : LINE
 Temperature : 26 °C
 Humidity : 50 %

Data: 22
 Level (dBuV)

Date: 2004-09-21



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.424	22.83	0.46	23.29	47.38	-24.08	AVERAGE
0.424	44.45	0.46	44.91	57.38	-12.46	QP
3.059	36.58	0.56	37.14	46.00	-8.86	AVERAGE
3.059	43.45	0.56	44.01	56.00	-11.99	QP
3.179	34.94	0.56	35.50	46.00	-10.50	AVERAGE
3.179	43.99	0.56	44.55	56.00	-11.45	QP
7.214	26.88	0.60	27.48	60.00	-32.52	QP
7.214	19.40	0.60	20.00	50.00	-30.00	AVERAGE
18.305	34.28	0.84	35.12	50.00	-14.88	AVERAGE
18.305	37.67	0.84	38.51	60.00	-21.49	QP
19.709	38.57	0.87	39.44	60.00	-20.56	QP
19.709	35.57	0.87	36.44	50.00	-13.56	AVERAGE

Test by:

Carol

4.2.1. Photographs of Conducted Emission Test

FRONT VIEW



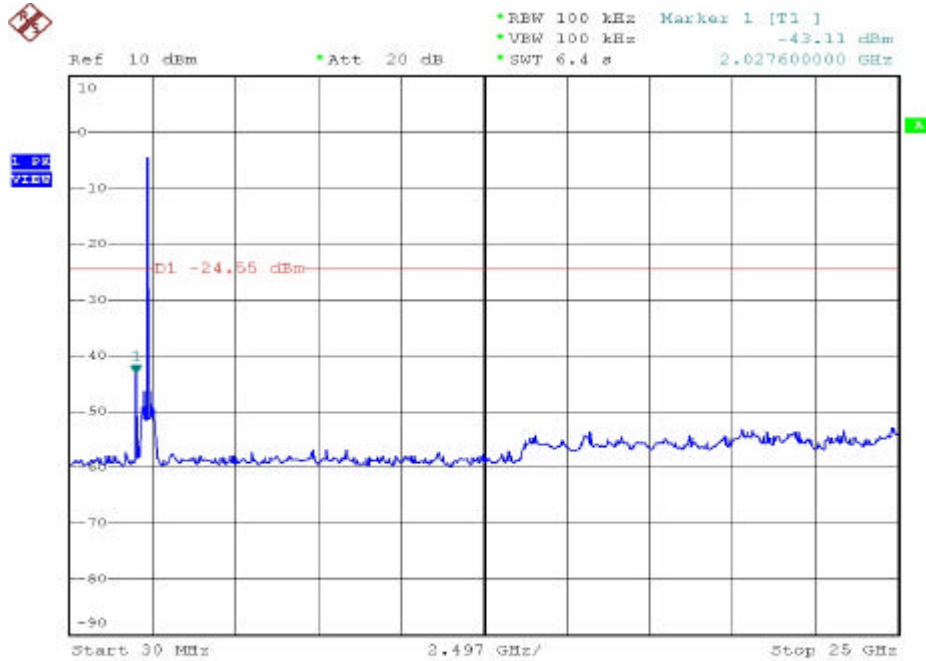
REAR VIEW



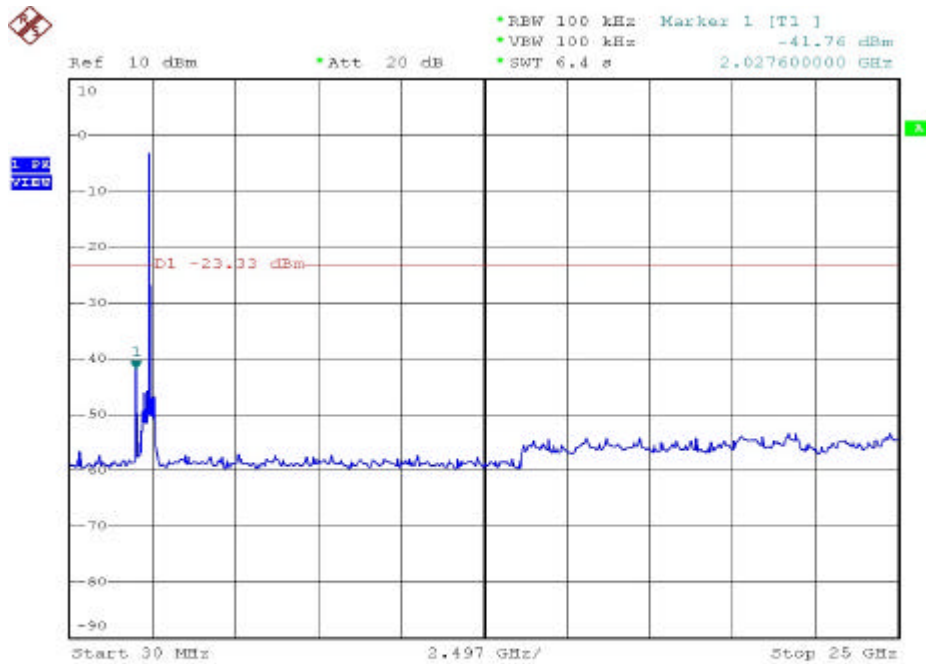
4.3. RF Portion

4.3.1. Test Result of Conducted Emission

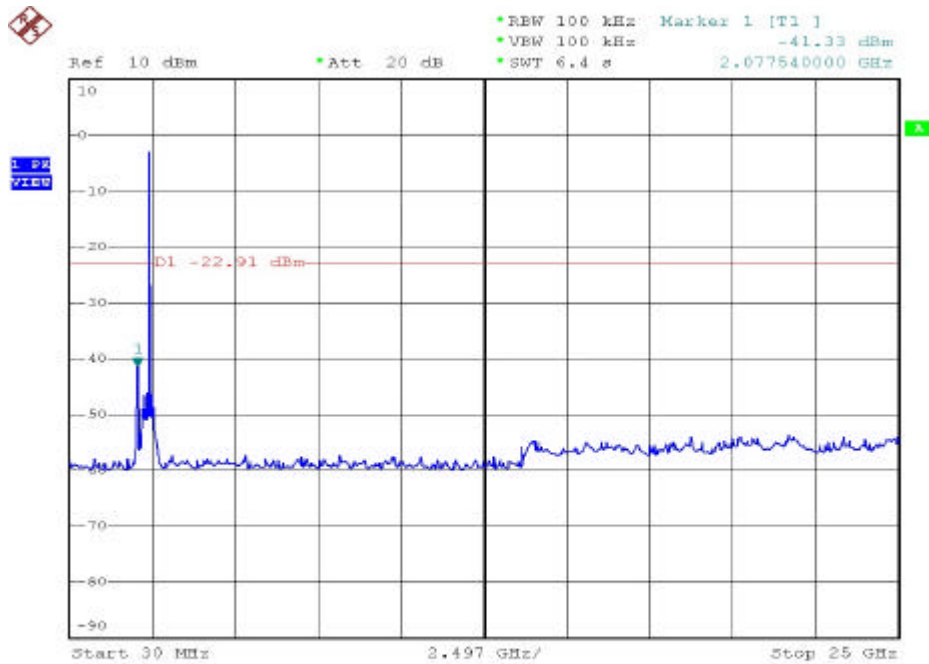
Antenna type 1:



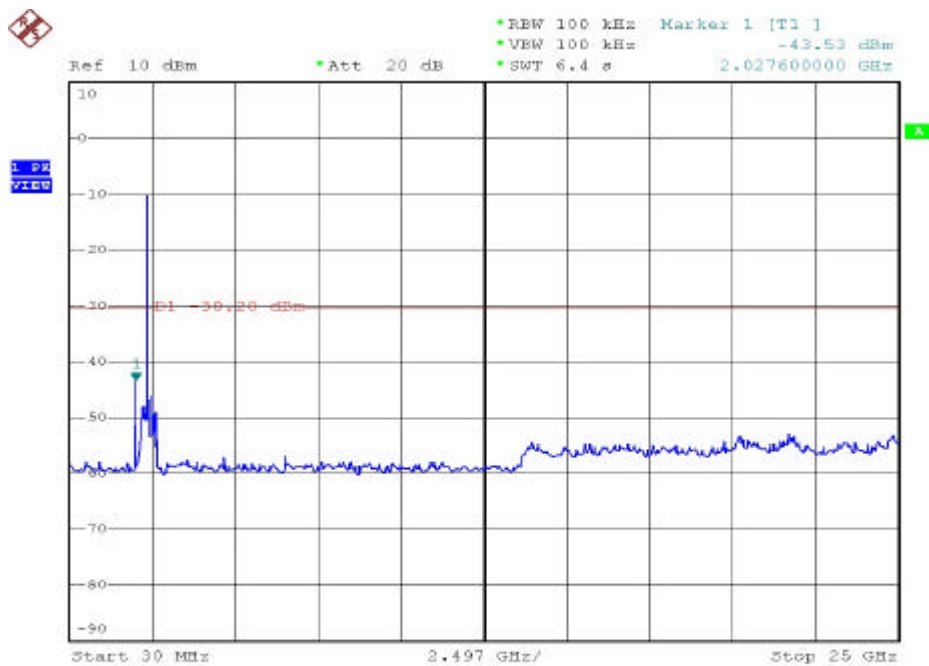
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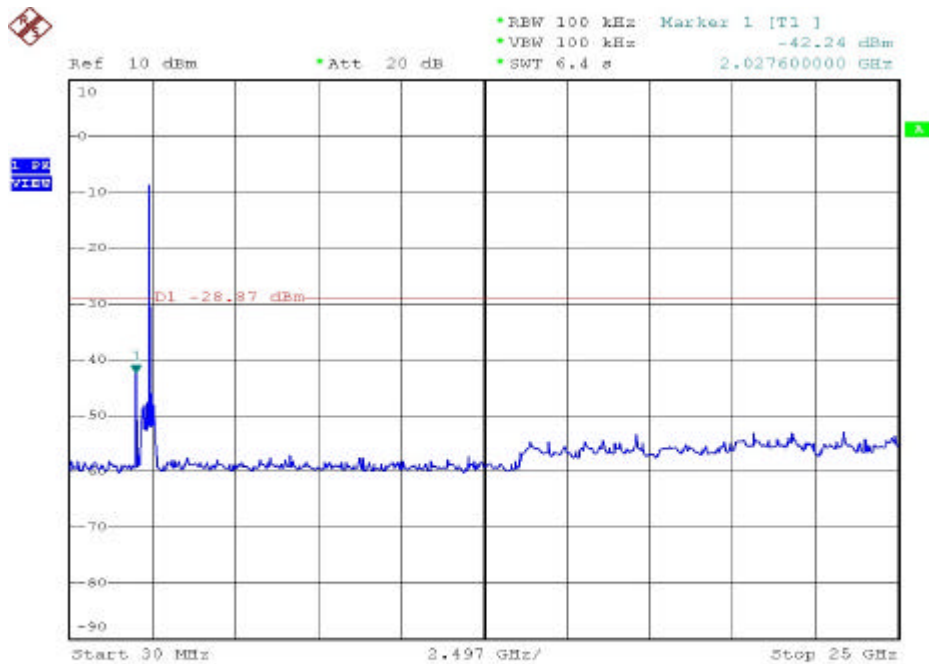
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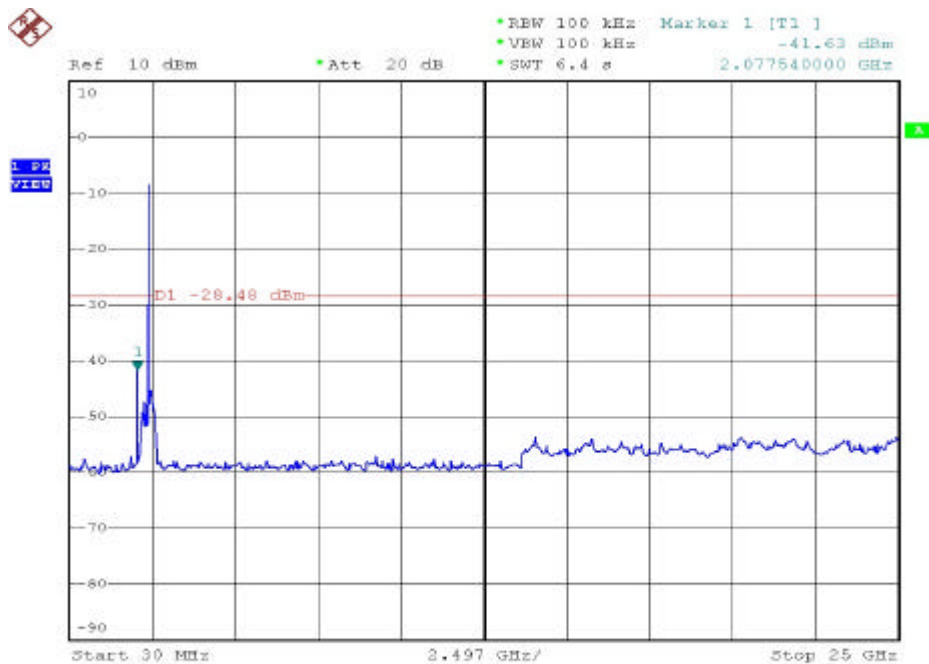
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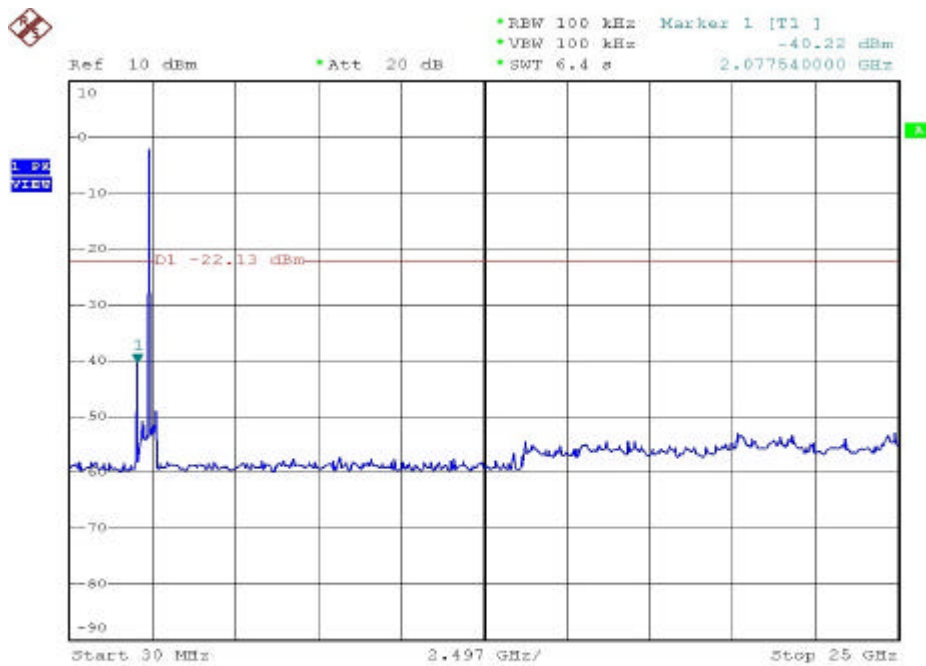
Date: 20.SEP.2004 16:00:32



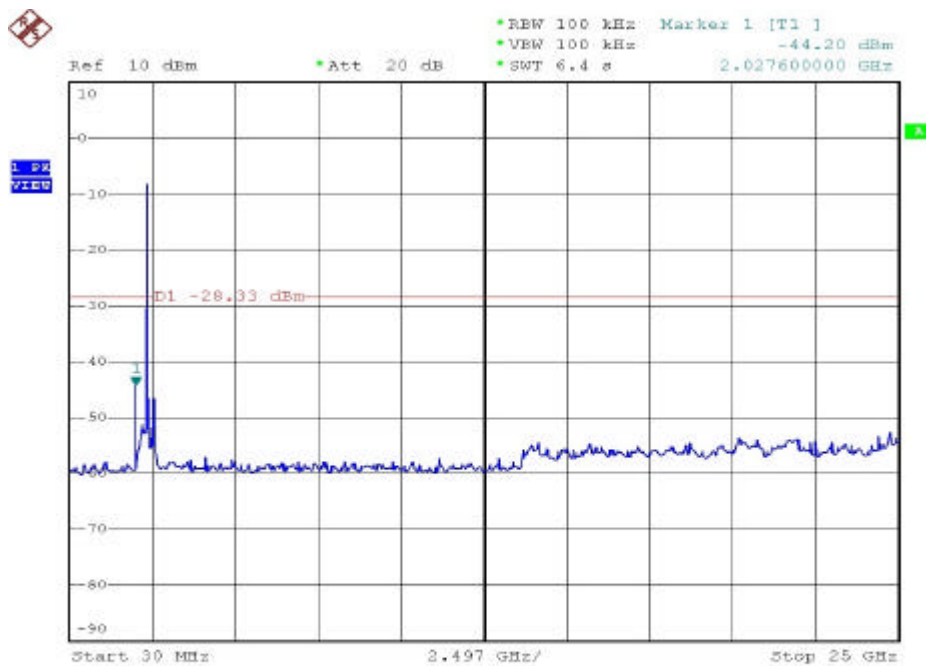
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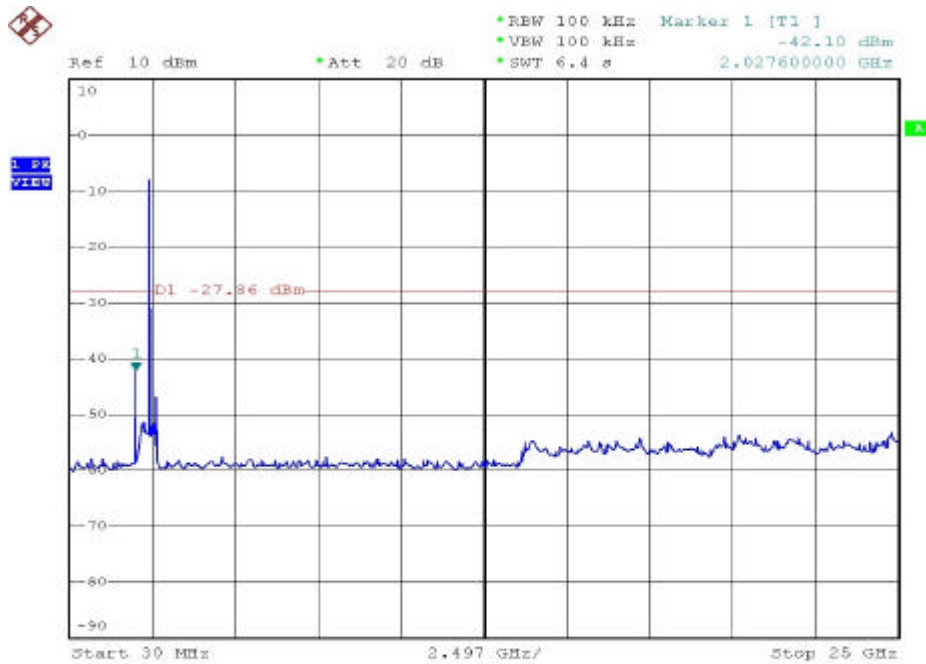
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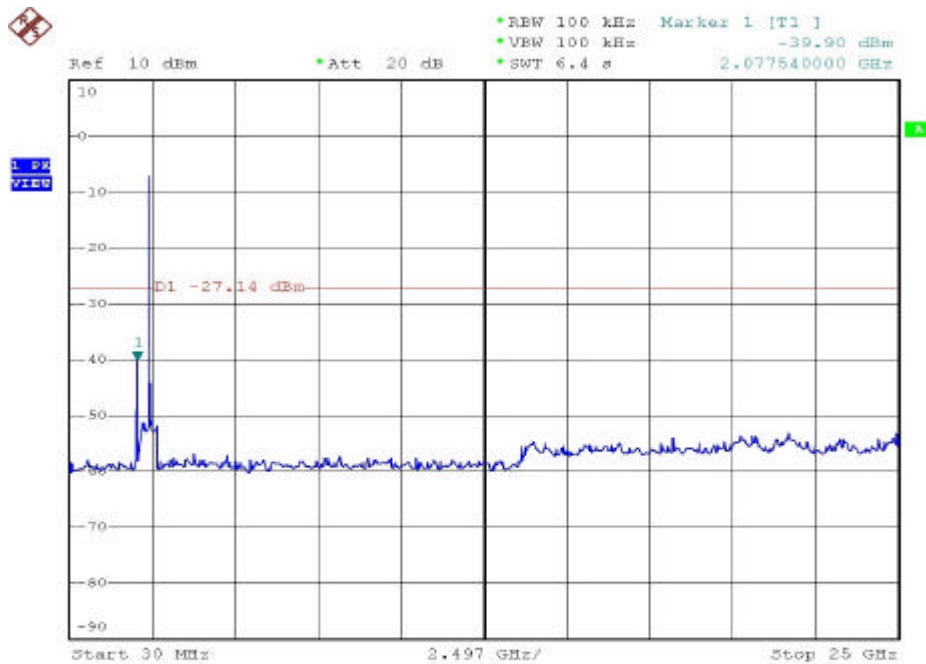
Date: 23.SEP.2004 15:27:13



Date: 23.SEP.2004 15:29:27



Date: 23.SEP.2004 15:30:48



Date: 23.SEP.2004 15:32:08

4.3.2. Test Result of Radiated Emission

Antenna type 1:

Modulation Standard: IEEE 802.11b

a) Emission frequencies below 1 GHz Channel LO

Test Date: Sep. 27, 2004 Temperature: 27 Humidity: 58%

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)
482.99	V	49.81	-6.52	43.29	46	-2.71	Q.P	100	1.0
640.13	V	44.51	-2.10	42.41	46	-3.59	Peak	298	1.5
800.18	V	42.75	0.73	43.48	46	-2.52	Q.P	125	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)
1273	V	53.06	-6.53	46.53	74	-27.47	Peak	210	1.0
2039	V	54.12	-2.50	51.62	74	-22.38	Peak	185	1.0

Modulation Standard: IEEE 802.11b

a) Emission frequencies below 1 GHz Channel MID

Test Date: Sep. 27, 2004 Temperature: 27 Humidity: 58%

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)
482.99	V	49.47	-6.52	42.95	46	-3.05	Peak	110	1.0
640.13	V	44.67	-2.10	42.57	46	-3.43	Peak	292	1.5
800.18	V	43.02	0.73	43.75	46	-2.25	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)
1273	H	51.17	-6.03	45.14	74	-28.86	Peak	195	1.0
1273	V	53.86	-6.53	47.33	74	-26.67	Peak	205	1.0
2063	V	54.16	-2.44	51.72	74	-22.28	Peak	192	1.0

Modulation Standard: IEEE 802.11b

a) Emission frequencies below 1 GHz Channel HI

Test Date: Sep. 27, 2004 Temperature: 27 Humidity: 58%

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)
482.99	V	48.72	-6.52	42.20	46	-3.80	Peak	105	1.0
800.18	V	43.11	0.73	44.59	46	-2.16	Q.P	140	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)
1273	H	52.26	-6.03	46.23	74	-27.77	Peak	196	1.0
1273	V	52.76	-6.53	46.23	74	-27.77	Peak	190	1.0
2098	V	53.14	-2.33	50.81	74	-23.19	Peak	200	1.0