

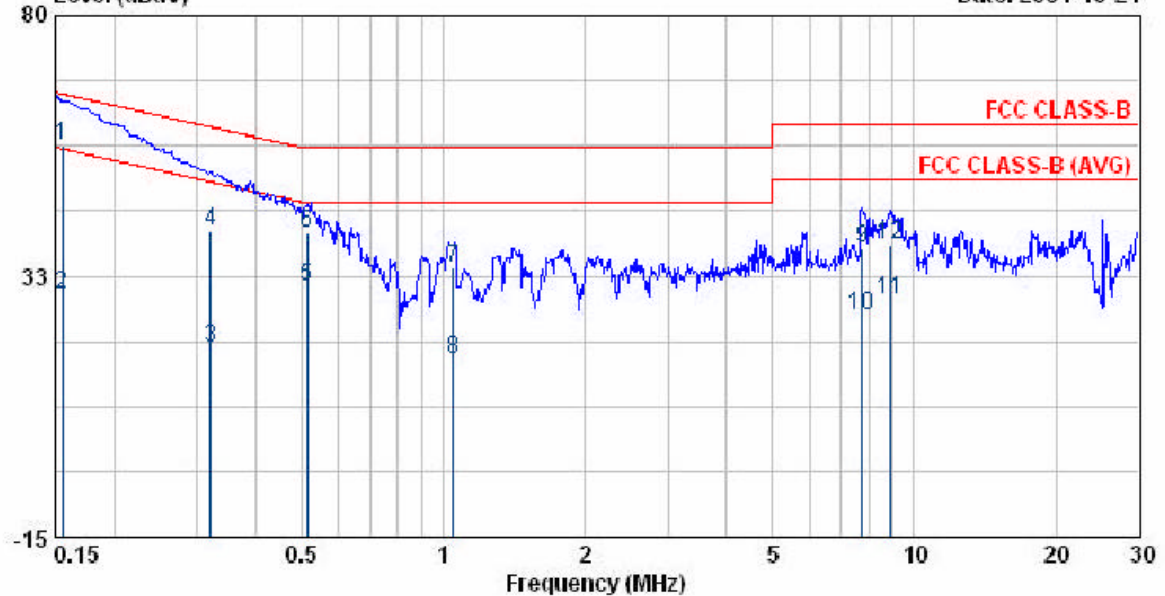
EUT : WMR1000G
 Power : 110W 60Hz
 Test Mode : 802.11g CH L0
 Memo :

Pol/Phase : NEUTRAL
 Temperature : 27 °C
 Humidity : 59 %

Data: 7

Level (dBuV)

Date: 2004-10-21



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.156	56.05	0.40	56.45	65.69	-9.24	QP
0.156	28.75	0.40	29.15	55.69	-26.54	AVERAGE
0.320	19.12	0.45	19.57	49.71	-30.14	AVERAGE
0.320	40.33	0.45	40.78	59.71	-18.93	QP
0.514	30.12	0.47	30.59	46.00	-15.41	AVERAGE
0.514	39.92	0.47	40.39	56.00	-15.61	QP
1.050	33.47	0.51	33.98	56.00	-22.02	QP
1.050	16.87	0.51	17.38	46.00	-28.62	AVERAGE
7.751	36.85	0.68	37.53	60.00	-22.47	QP
7.751	24.60	0.68	25.28	50.00	-24.72	AVERAGE
8.941	27.49	0.70	28.19	50.00	-21.81	AVERAGE
8.941	37.53	0.70	38.23	60.00	-21.77	QP

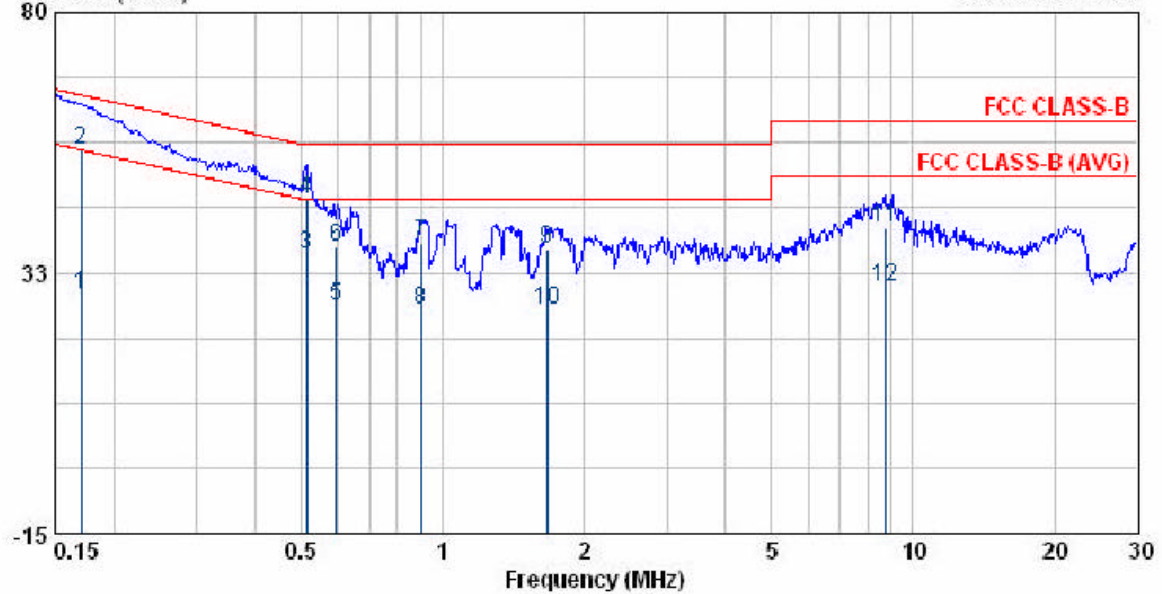
EUT : WMR1000G
 Power : 110V 60Hz
 Test Mode : 802.11g CH L0
 Memo :

Pol/Phase : LINE
 Temperature : 27 °C
 Humidity : 59 %

Data: 8

Level (dBuV)

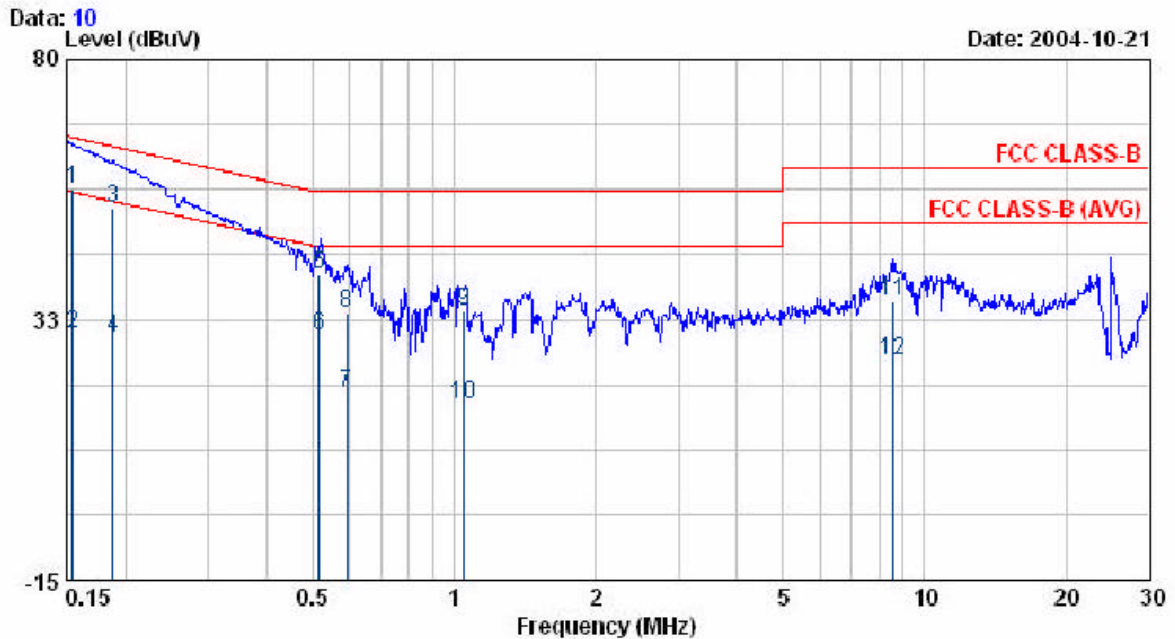
Date: 2004-10-21



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.170	28.10	0.41	28.51	54.95	-26.44	AVERAGE
0.170	54.48	0.41	54.89	64.95	-10.06	QP
0.514	35.20	0.47	35.67	46.00	-10.33	AVERAGE
0.514	45.41	0.47	45.88	56.00	-10.12	QP
0.595	25.92	0.48	26.40	46.00	-19.60	AVERAGE
0.595	36.76	0.48	37.24	56.00	-18.76	QP
0.900	37.26	0.51	37.77	56.00	-18.23	QP
0.900	25.34	0.51	25.85	46.00	-20.15	AVERAGE
1.667	36.23	0.53	36.76	56.00	-19.24	QP
1.667	25.27	0.53	25.80	46.00	-20.20	AVERAGE
8.723	39.97	0.62	40.59	60.00	-19.41	QP
8.723	29.30	0.62	29.92	50.00	-20.08	AVERAGE

EUT : WMR1000G
 Power : 110V 60Hz
 Test Mode : 802.11g CH MID
 Memo :

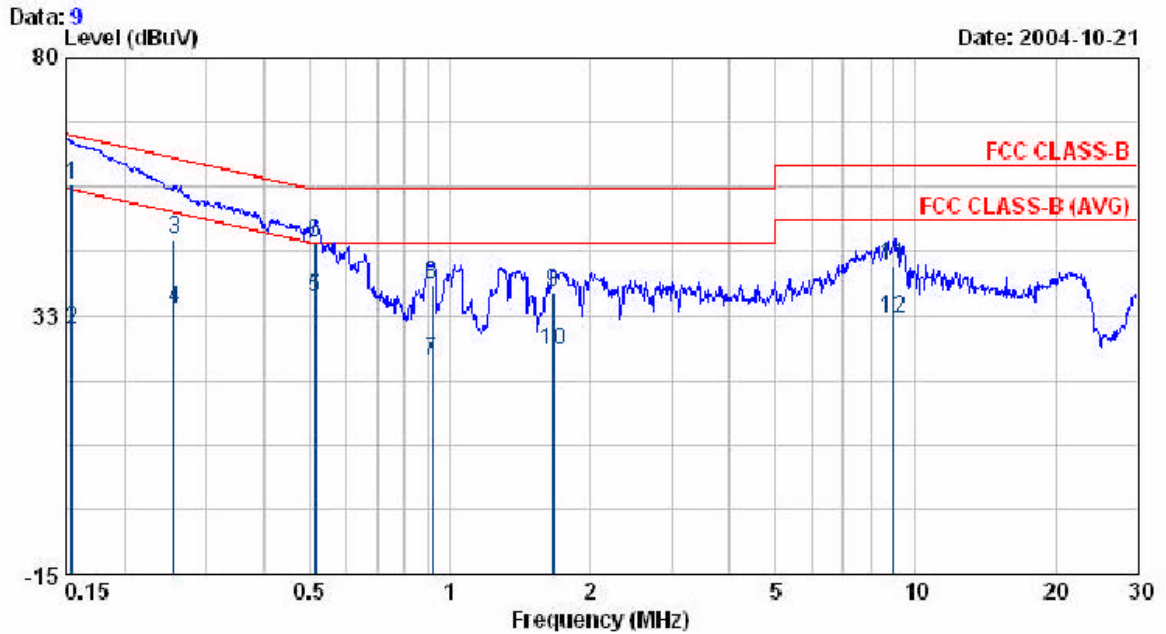
Pol/Phase : NEUTRAL
 Temperature : 27 °C
 Humidity : 59 %



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.155	56.00	0.40	56.40	65.74	-9.34	QP
0.155	29.50	0.40	29.90	55.74	-25.84	AVERAGE
0.188	52.48	0.41	52.89	64.11	-11.21	QP
0.188	28.69	0.41	29.10	54.11	-25.00	AVERAGE
0.515	40.08	0.47	40.55	56.00	-15.45	QP
0.515	29.19	0.47	29.66	46.00	-16.34	AVERAGE
0.590	18.61	0.48	19.09	46.00	-26.91	AVERAGE
0.590	33.39	0.48	33.87	56.00	-22.13	QP
1.051	33.53	0.51	34.04	56.00	-21.96	QP
1.051	16.60	0.51	17.11	46.00	-28.89	AVERAGE
8.547	35.06	0.70	35.76	60.00	-24.24	QP
8.547	24.37	0.70	25.07	50.00	-24.93	AVERAGE

EUT : WMR1000G
 Power : 110V 60Hz
 Test Mode : 802.11g CH MID
 Memo :

Pol/Phase : LINE
 Temperature : 27 °C
 Humidity : 59 %



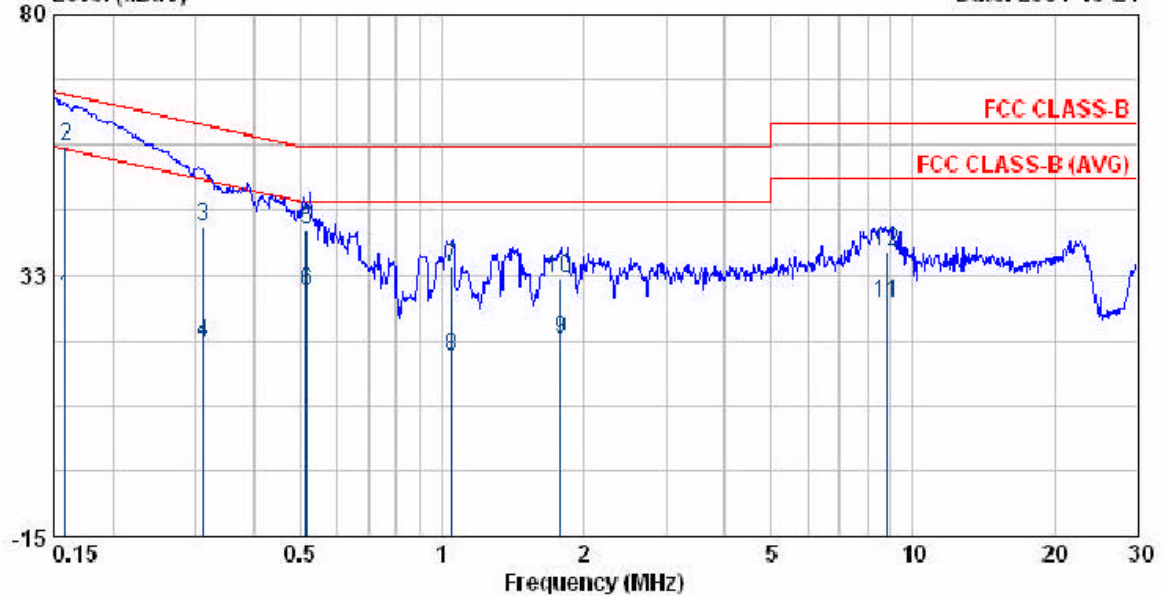
Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.155	56.19	0.40	56.59	65.74	-9.15	QP
0.155	29.60	0.40	30.00	55.74	-25.74	AVERAGE
0.257	46.26	0.43	46.69	61.54	-14.85	QP
0.257	33.13	0.43	33.56	51.54	-17.98	AVERAGE
0.514	35.18	0.47	35.65	46.00	-10.35	AVERAGE
0.514	45.42	0.47	45.89	56.00	-10.11	QP
0.919	23.76	0.51	24.27	46.00	-21.73	AVERAGE
0.919	37.63	0.51	38.14	56.00	-17.86	QP
1.666	36.32	0.53	36.85	56.00	-19.15	QP
1.666	25.55	0.53	26.08	46.00	-19.92	AVERAGE
9.016	41.25	0.62	41.87	60.00	-18.13	QP
9.016	31.44	0.62	32.06	50.00	-17.94	AVERAGE

EUT : WMR1000G
 Power : 110V 60Hz
 Test Mode : 802.11g CH HI
 Memo :

Pol/Phase : NEUTRAL
 Temperature : 27 °C
 Humidity : 59 %

Data: 11
 Level (dBuV)

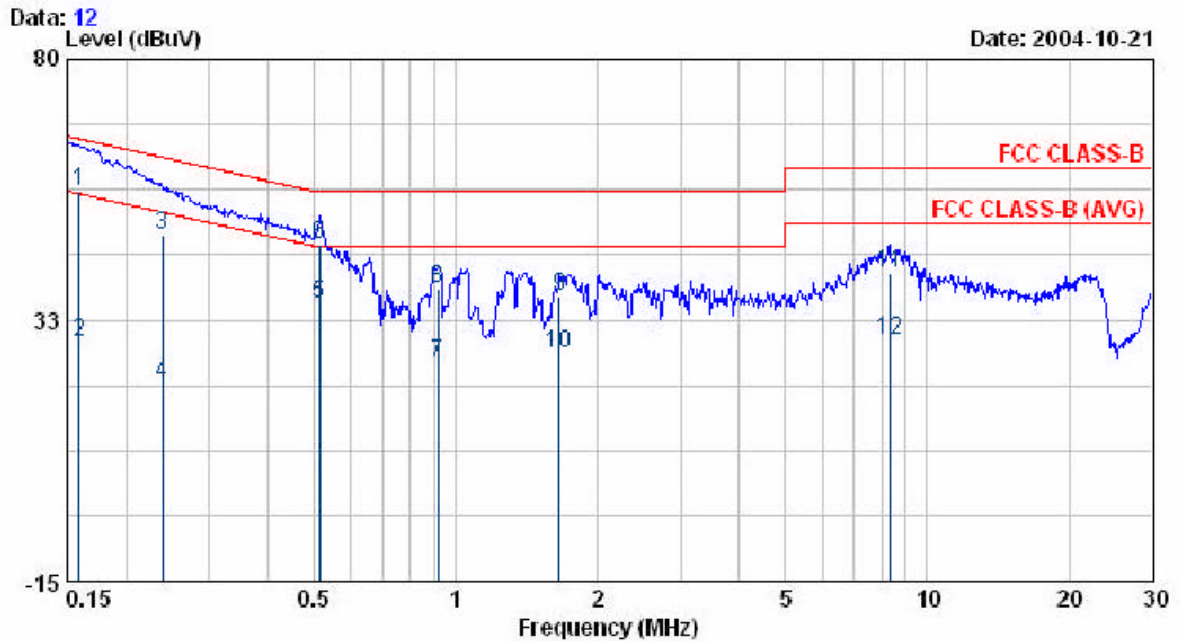
Date: 2004-10-21



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.159	28.11	0.40	28.51	55.52	-27.00	AVERAGE
0.159	55.61	0.40	56.01	65.52	-9.50	QP
0.312	40.81	0.44	41.25	59.93	-18.67	QP
0.312	19.65	0.44	20.09	49.93	-29.83	AVERAGE
0.516	40.05	0.47	40.52	56.00	-15.48	QP
0.516	29.08	0.47	29.55	46.00	-16.45	AVERAGE
1.048	33.44	0.51	33.95	56.00	-22.05	QP
1.048	17.30	0.51	17.81	46.00	-28.19	AVERAGE
1.791	20.31	0.54	20.85	46.00	-25.15	AVERAGE
1.791	31.41	0.54	31.95	56.00	-24.05	QP
8.803	26.67	0.70	27.37	50.00	-22.63	AVERAGE
8.803	36.00	0.70	36.70	60.00	-23.30	QP

EUT : WMR1000G
 Power : 110V 60Hz
 Test Mode : 802.11g CH HI
 Memo :

Pol/Phase : LINE
 Temperature : 27 °C
 Humidity : 59 %



Freq	Read Level	Factor	Level	Limit	Over Limit	Remark
MHz	dBuV	dB	dBuV	dBuV	dBuV	
0.159	55.65	0.40	56.05	65.52	-9.46	QP
0.159	28.10	0.40	28.50	55.52	-27.01	AVERAGE
0.239	47.52	0.43	47.95	62.15	-14.20	QP
0.239	20.58	0.43	21.01	52.15	-31.14	AVERAGE
0.515	34.98	0.47	35.45	46.00	-10.55	AVERAGE
0.515	45.62	0.47	46.09	56.00	-9.91	QP
0.917	24.26	0.51	24.77	46.00	-21.23	AVERAGE
0.917	37.63	0.51	38.14	56.00	-17.86	QP
1.663	36.20	0.53	36.73	56.00	-19.27	QP
1.663	25.82	0.53	26.35	46.00	-19.65	AVERAGE
8.310	40.41	0.61	41.02	60.00	-18.98	QP
8.310	28.33	0.61	28.94	50.00	-21.06	AVERAGE

Test by:

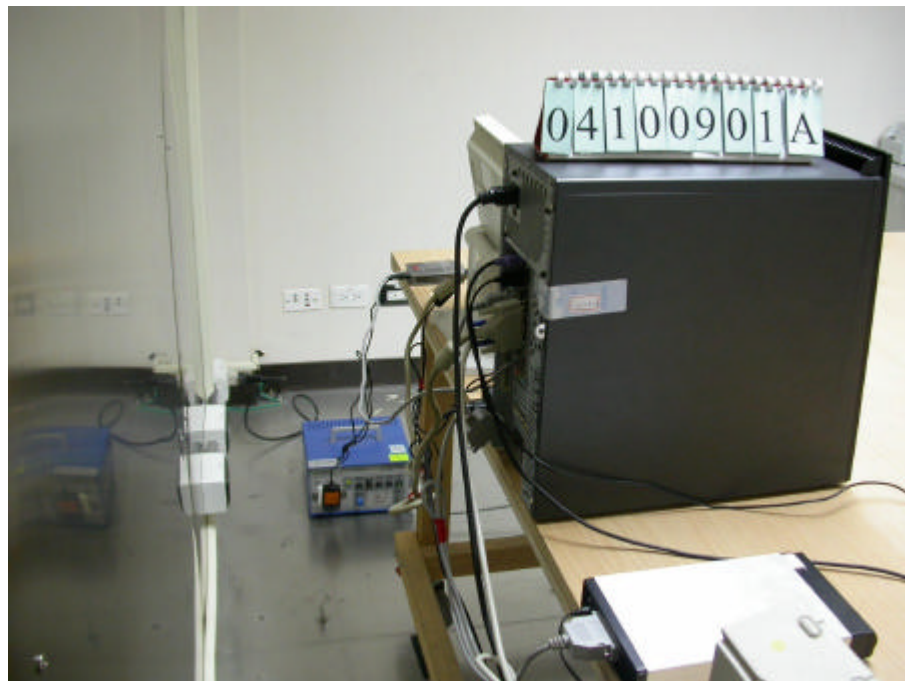
Carol

4.2.1. Photographs of Conducted Emission Test

FRONT VIEW

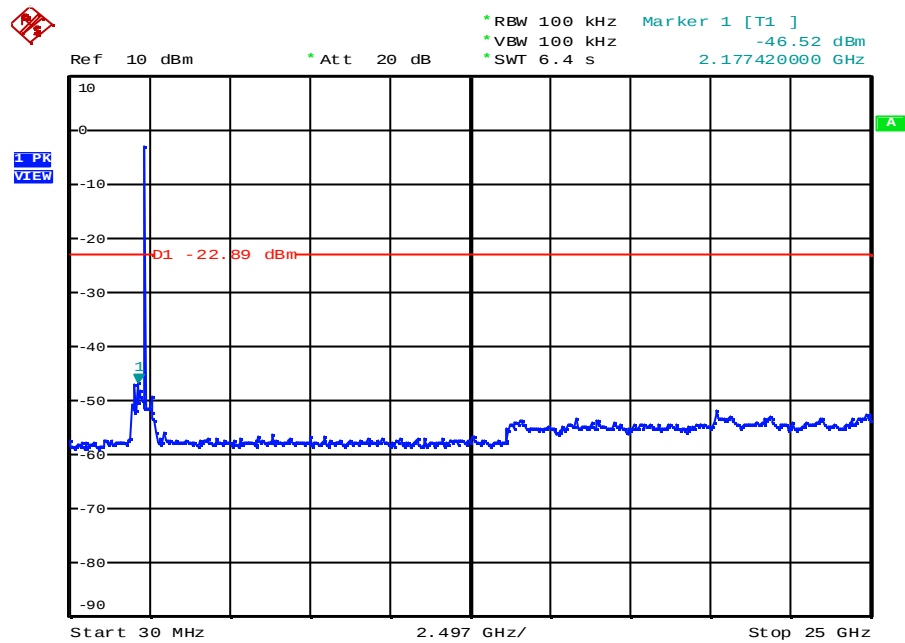


REAR VIEW

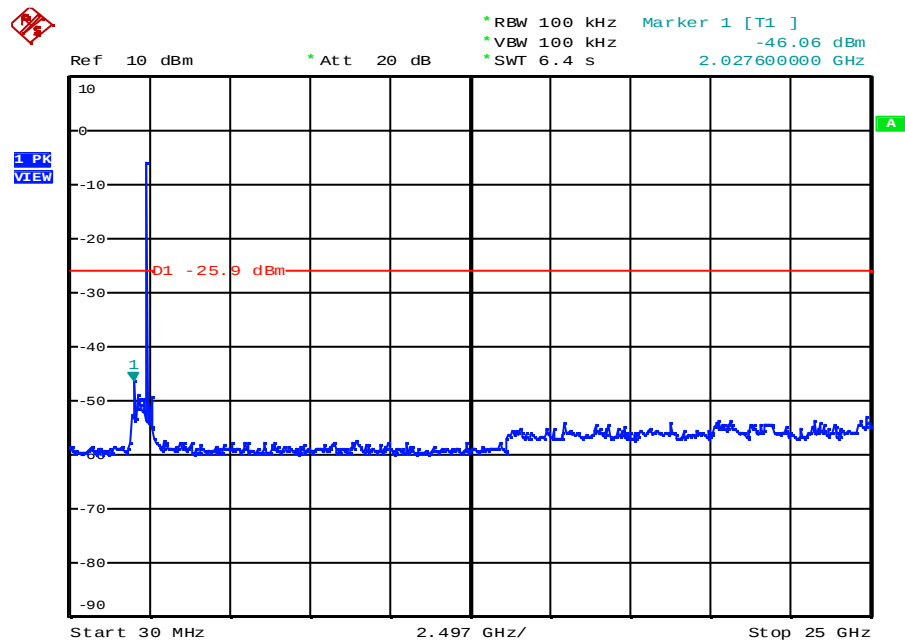


4.3. RF Portion

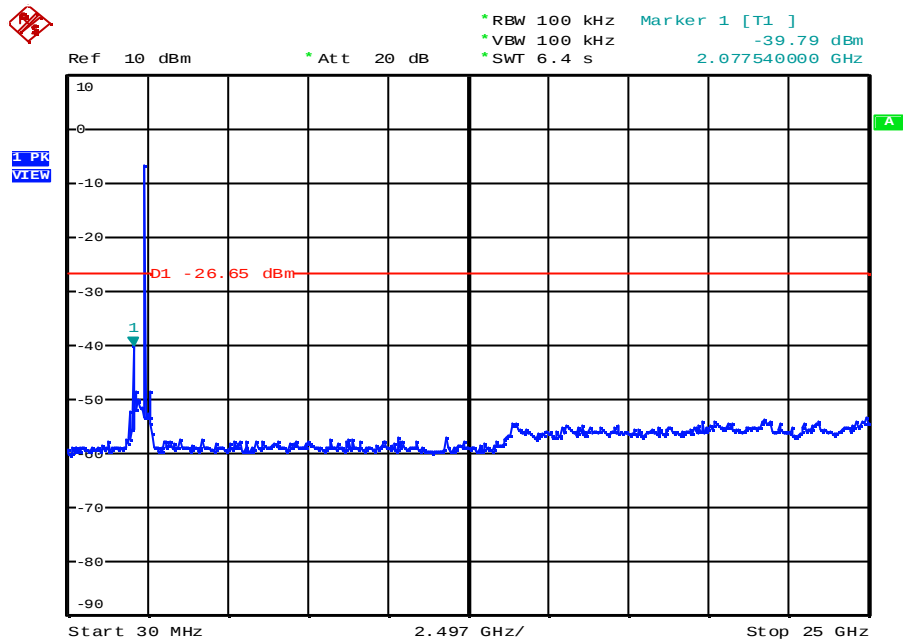
4.3.1. Test Result of Conducted Emission



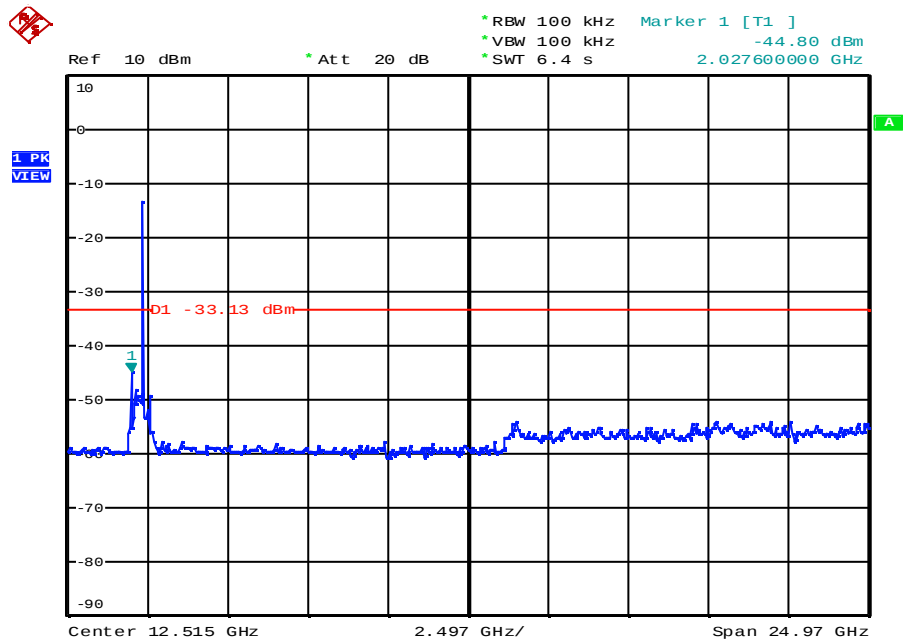
Date: 26.OCT.2004 10:08:27



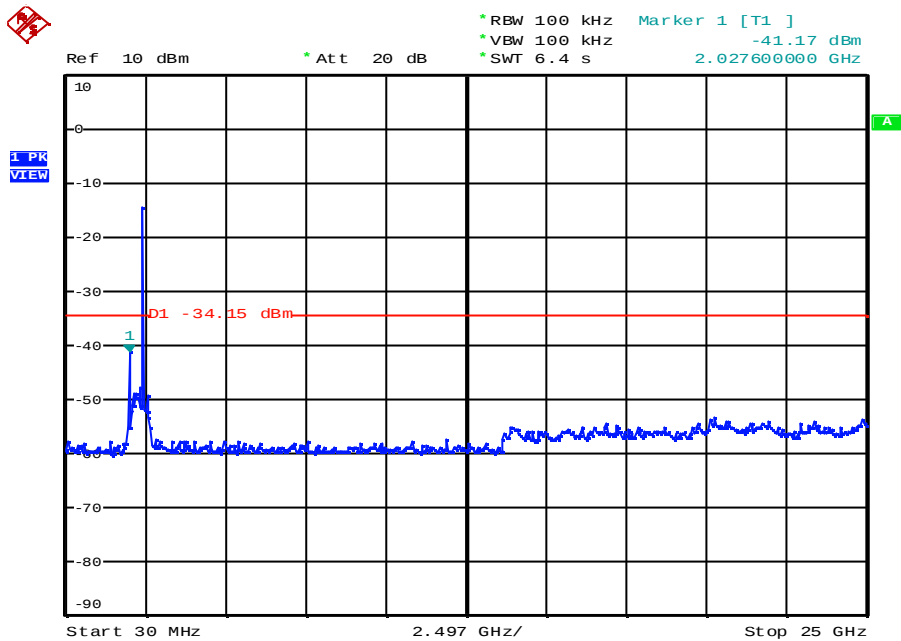
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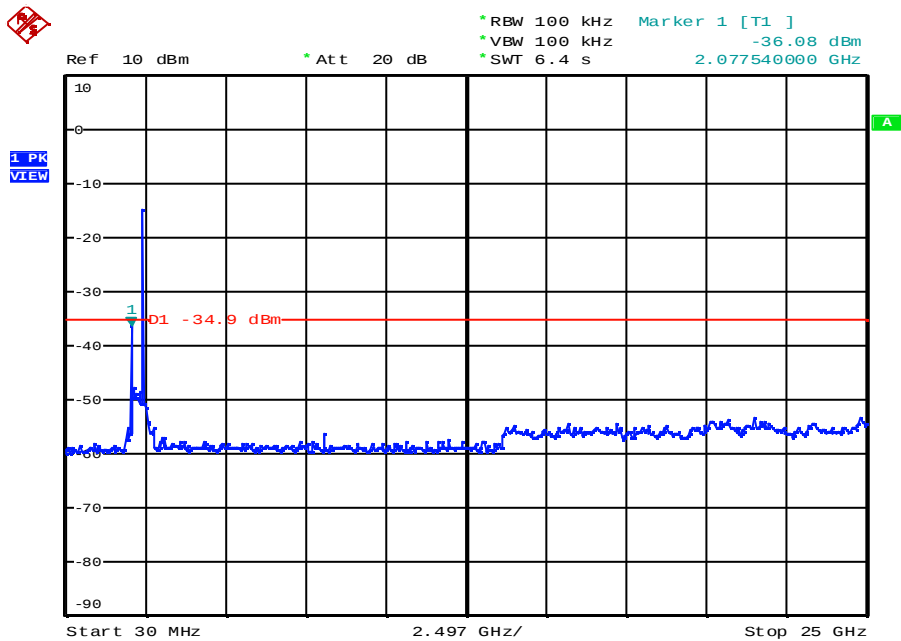
Date: 26.OCT.2004 10:10:32



Date: 26.OCT.2004 10:13:37



Date: 26.OCT.2004 10:12:51



Date: 26.OCT.2004 10:11:55

4.3.2. Test Result of Radiated Emission

Modulation Standard: IEEE 802.11b

a) Emission frequencies below 1 GHz Channel LO

Test Date: Oct. 24, 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)
482.99	H	47.92	-6.52	41.40	46.0	-4.60	Peak	155	1.5
800.18	H	43.11	0.73	43.84	46.0	-2.16	Q.P	220	1.5
162.89	V	58.12	-17.45	40.67	43.5	-2.83	Q.P	290	1.0
643.04	V	44.22	-2.08	42.14	46.0	-3.86	Peak	170	1.5
800.18	V	41.16	0.74	41.90	46.0	-4.10	Peak	145	1.5

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)
1280.00	H	54.84	-6.03	48.81	74	-25.19	Peak	290	1.5
1280.00	V	55.01	-6.53	48.48	74	-25.52	Peak	275	1.5
1852.00	V	57.28	-3.46	53.82	74	-20.18	Peak	180	1.0
2360.00	V	61.26	-1.39	59.87	74	-14.13	Peak	260	1.5
2360.00	V	42.41	-1.39	41.02	54	-12.98	Ave	255	1.0

Modulation Standard: IEEE 802.11b

a) Emission frequencies below 1 GHz Channel MID

Test Date: Oct. 24, 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)
482.99	H	48.12	-6.52	41.60	46.0	-4.40	Peak	210	1.0
800.18	H	42.67	0.73	43.40	46.0	-2.60	Q.P	185	1.5
162.89	V	58.45	-17.45	41.00	43.5	-2.50	Q.P	200	1.0
643.04	V	44.99	-2.08	42.91	46.0	-3.09	Peak	210	1.0
800.18	V	42.41	0.74	41.67	46.0	-4.33	Peak	120	1.5

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)
1280	H	55.61	-6.03	49.58	74.0	-24.42	Peak	95	1.0
1852	V	55.65	-3.46	52.19	74.0	-21.81	Peak	260	1.0
2352	V	55.55	-1.45	54.10	74.0	-19.90	Peak	210	1.5
2352	V	39.41	-1.45	37.96	54.0	-16.04	Ave	210	1.5
2488	V	55.81	-0.98	54.82	74.0	-19.18	Peak	110	1.0
2488	V	38.22	-0.98	37.24	54.0	-16.76	Ave	110	1.0

Modulation Standard: IEEE 802.11b

a) Emission frequencies below 1 GHz Channel HI

Test Date: Oct. 24, 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)
482.99	H	47.66	-6.52	41.14	46.0	-4.86	Peak	190	1.5
800.18	H	42.55	0.73	43.28	46.0	-2.72	Q.P	190	1.5
162.89	V	57.71	-17.45	40.26	43.5	-3.24	Peak	260	1.0
482.99	V	48.51	-6.52	41.99	46.0	-4.01	Peak	255	1.5
643.04	V	44.21	-2.08	42.13	46.0	-3.87	Peak	160	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)
1280	H	53.67	-6.03	47.64	74.0	-26.36	Peak	290	1.0
1280	V	53.24	-6.53	46.71	74.0	-27.29	Peak	190	1.0
1840	V	52.71	-3.55	49.16	74.0	-24.84	Peak	170	1.5
2332	V	54.11	-1.51	52.60	74.0	-21.40	Peak	110	1.0

Modulation Standard: IEEE 802.11g

a) Emission frequencies below 1 GHz Channel LO

Test Date: Oct. 24, 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)
482.99	H	48.33	-6.52	41.81	46.0	-4.19	Peak	205	1.0
800.18	H	42.73	0.73	43.46	46.0	-2.54	Q.P	175	1.5
162.89	V	58.74	-17.40	41.34	43.5	-2.16	Q.P	175	1.0
643.04	V	44.79	-2.08	42.71	46.0	-3.29	Peak	210	1.0
800.18	V	42.09	0.74	42.83	46.0	-3.17	Peak	180	1.5

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)
1280.00	H	50.62	-6.03	44.59	74.0	-29.41	Peak	205	1.0
1600.00	H	51.14	-4.32	46.82	74.0	-27.18	Peak	140	1.0
1600.00	V	51.63	-4.86	46.77	74.0	-27.23	Peak	150	1.0
2352.00	V	54.25	-1.45	52.80	74.0	-21.20	Peak	255	1.0

Modulation Standard: IEEE 802.11g

a) Emission frequencies below 1 GHz Channel MID

Test Date: Oct. 24, 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)
482.99	H	47.69	-6.52	41.17	46.0	-4.83	Peak	185	1.5
800.18	H	42.15	0.73	42.88	46.0	-3.12	Peak	200	1.5
162.89	V	58.43	-17.45	40.98	43.5	-2.52	Q.P	180	1.0
482.99	V	48.31	-6.52	41.79	46.0	-4.21	Peak	190	1.5
643.04	V	45.50	-2.08	43.42	46.0	-2.58	Q.P	170	1.0
800.18	V	42.17	0.74	42.91	46.0	-3.09	Peak	200	1.5

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)
1280	H	51.42	-6.03	45.39	74.0	-28.61	Peak	210	1.5
1852	V	53.52	-3.46	49.74	74.0	-24.26	Peak	110	1.0
2352	V	54.75	-1.45	53.30	74.0	-20.70	Peak	200	1.0

Modulation Standard: IEEE 802.11g

a) Emission frequencies below 1 GHz Channel HI

Test Date: Oct. 24, 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)
482.99	H	47.86	-6.52	41.34	46.0	-4.66	Peak	205	1.5
800.18	H	41.52	0.73	42.25	46.0	-3.75	Peak	200	1.5
162.89	V	58.60	-17.45	41.15	43.5	-2.35	Q.P	270	1.0
482.99	V	48.72	-6.52	42.20	46.0	-3.80	Peak	215	1.5
643.04	V	45.14	-2.08	43.06	46.0	-2.94	Q.P	170	1.0
800.18	V	42.13	0.74	42.87	46.0	-3.13	Peak	190	1.5

Notes:

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

b) Emission frequencies above 1 GHz Channel HI

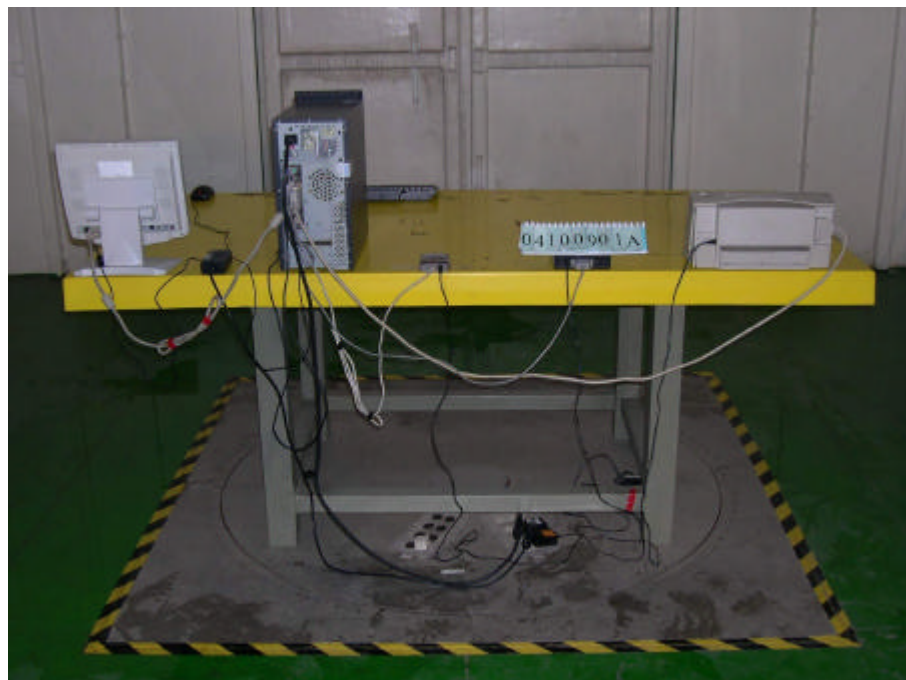
Frequency (MHz)	Ant-Pol H/V	Meter Reading (dBuV)	Corrected Factor (dB)	Result@3m (dBuV/m)	Limit@3m (dBuV/m)	Margin (dB)	Remark	Table Deg.	Ant High (m)
1280.00	H	55.56	-6.03	49.53	74.0	-24.47	Peak	210	1.0
1280.00	V	53.92	-6.53	47.39	74.0	-26.61	Peak	200	1.0
1600.00	V	54.46	-4.86	49.60	74.0	-24.40	Peak	140	1.5
2352.00	V	54.88	-1.45	53.43	74.0	-20.57	Peak	105	1.0

4.3.3. Photographs of Radiated Emission Test

FRONT VIEW



REAR VIEW



4.4. 6dB Bandwidth Measurement Data

(1) Modulation Standard: IEEE 802.11b

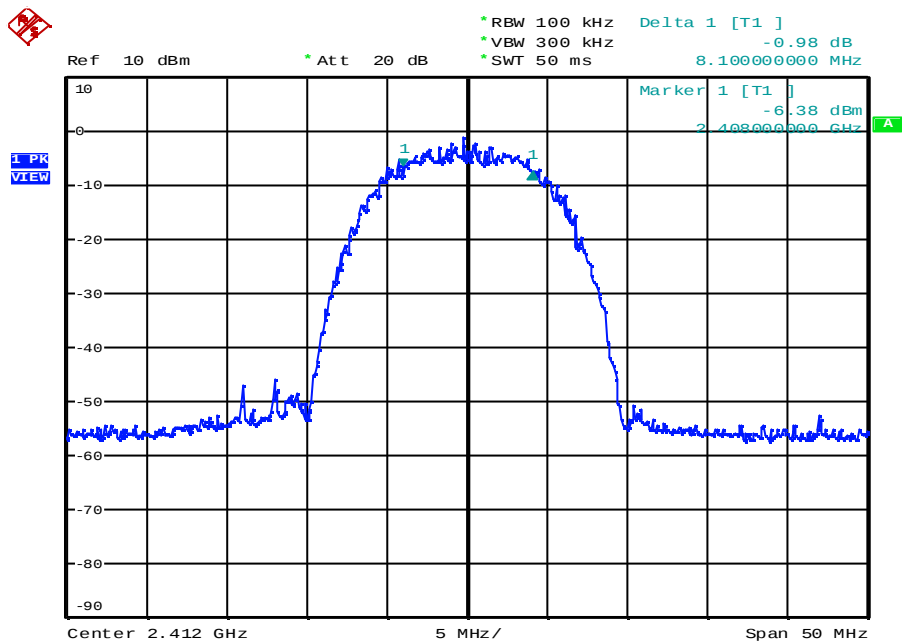
Test Date: Oct. 22, 2004 Temperature: 25 Humidity: 51%

- | | | |
|--|------------|-----|
| a) Channel 01: 6dB Emission Bandwidth is | <u>8.1</u> | MHz |
| b) Channel 06: 6dB Emission Bandwidth is | <u>8.3</u> | MHz |
| c) Channel 11: 6dB Emission Bandwidth is | <u>8.3</u> | MHz |

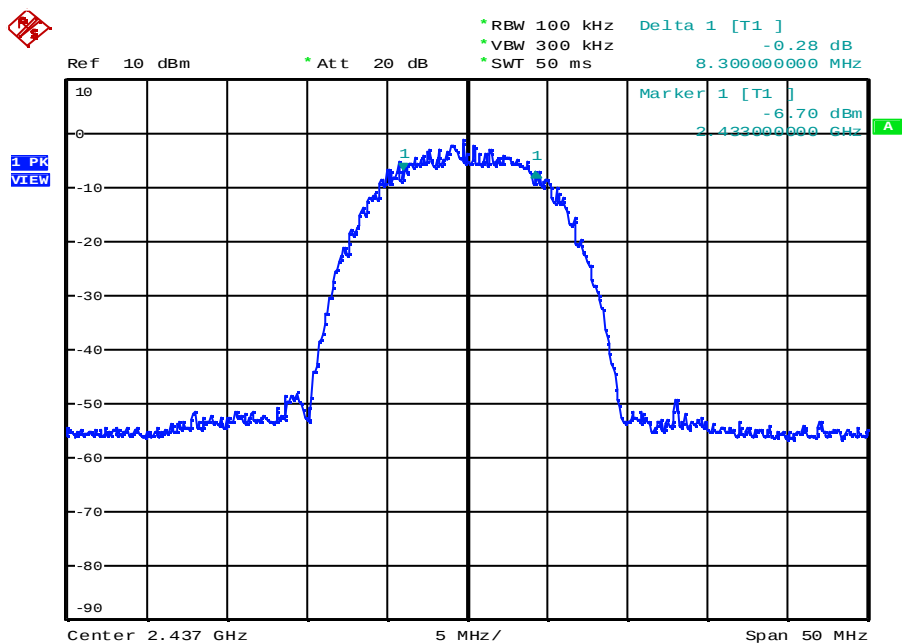
(2) Modulation Standard: IEEE 802.11g

Test Date: Oct. 22, 2004 Temperature: 25 Humidity: 51%

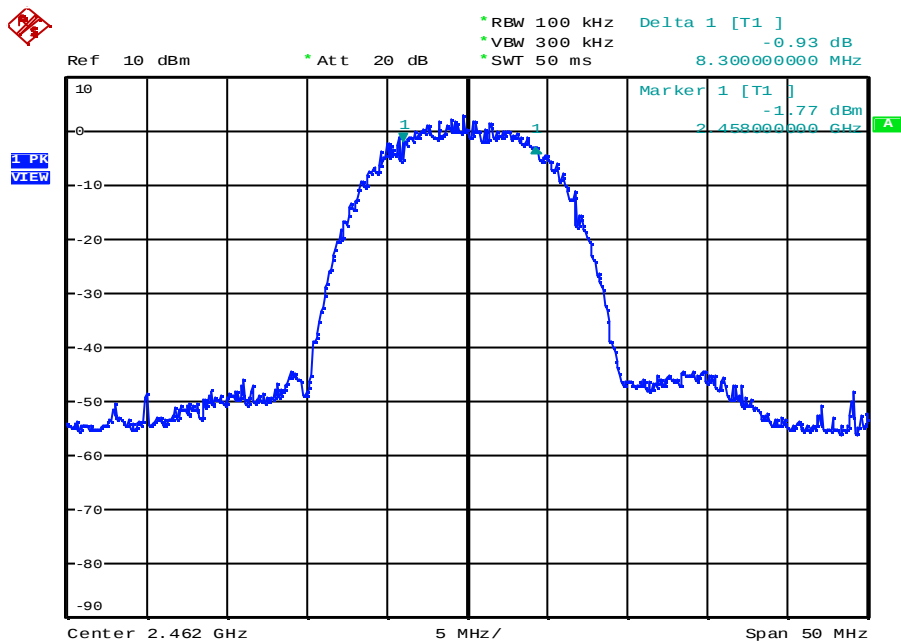
- | | | |
|--|-------------|-----|
| a) Channel 01: 6dB Emission Bandwidth is | <u>15.5</u> | MHz |
| b) Channel 06: 6dB Emission Bandwidth is | <u>15.3</u> | MHz |
| c) Channel 11: 6dB Emission Bandwidth is | <u>15.2</u> | MHz |



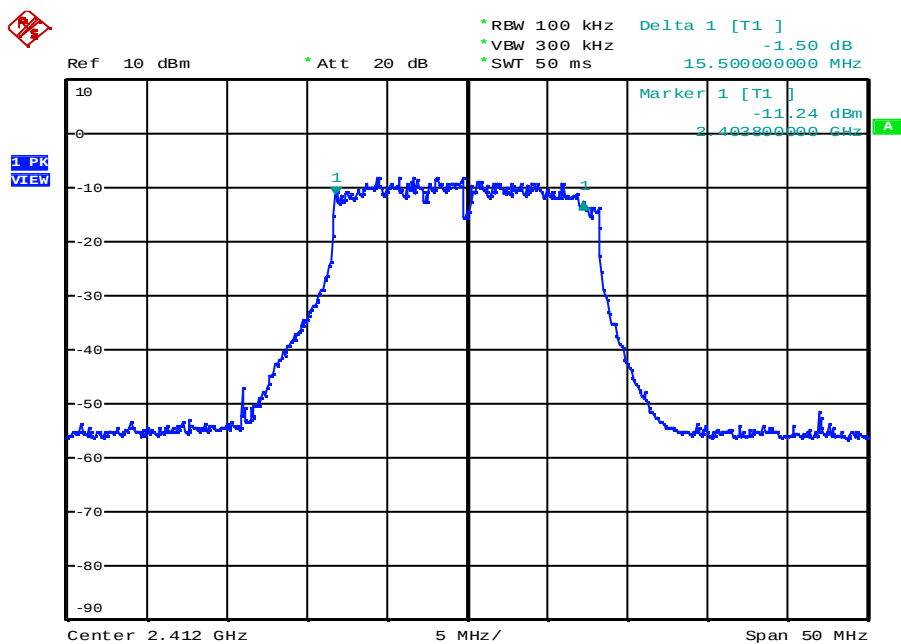
Date: 22.OCT.2004 16:45:52



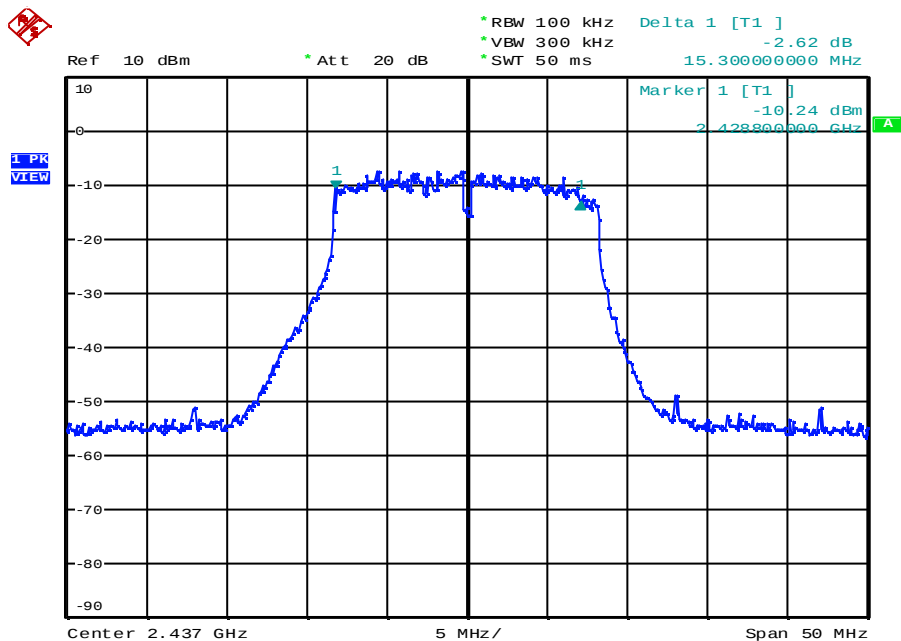
Date: 22.OCT.2004 16:33:42



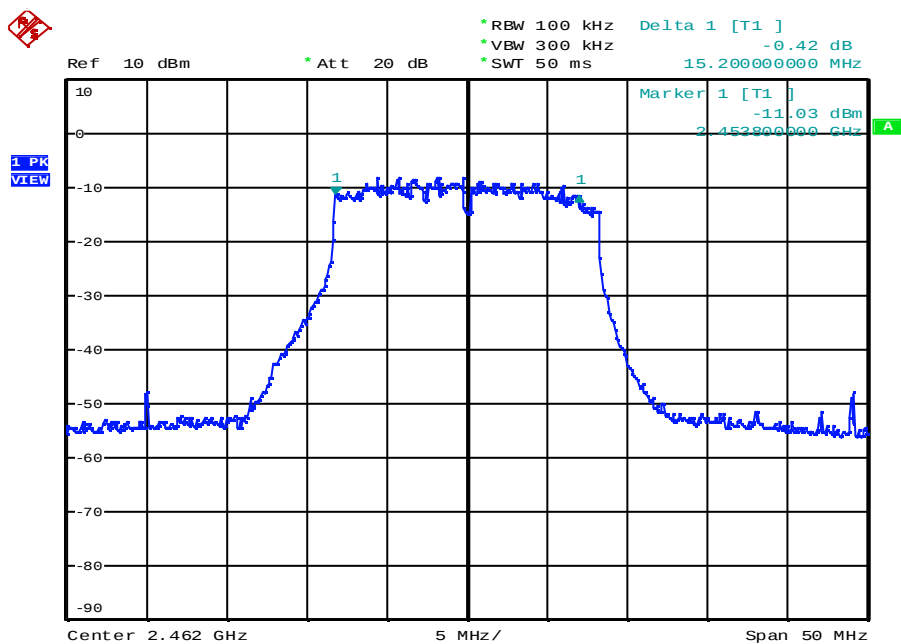
Date: 22.OCT.2004 15:46:52



Date: 22.OCT.2004 16:43:59



Date: 22.OCT.2004 16:39:08



Date: 22.OCT.2004 16:42:03

4.5. Peak Output Power Measurement Data

(1) Modulation Standard: IEEE 802.11b

Test Date: Oct. 22, 2004 Temperature: 25 Humidity: 51%

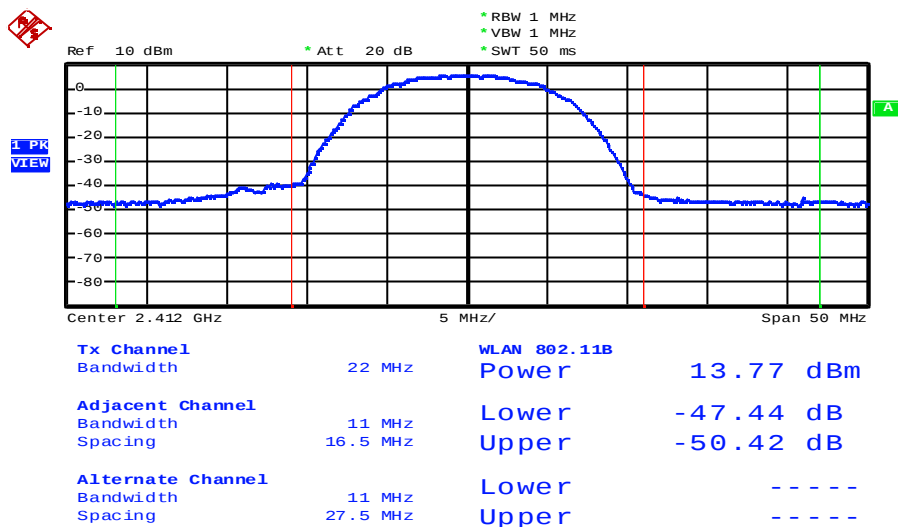
a) Channel 01: Output Peak Power is	<u>13.77</u>	dBm or	<u>23.823</u>	mW
b) Channel 06: Output Peak Power is	<u>13.22</u>	dBm or	<u>20.989</u>	mW
c) Channel 11: Output Peak Power is	<u>12.73</u>	dBm or	<u>18.750</u>	mW

(2) Modulation Standard: IEEE 802.11g

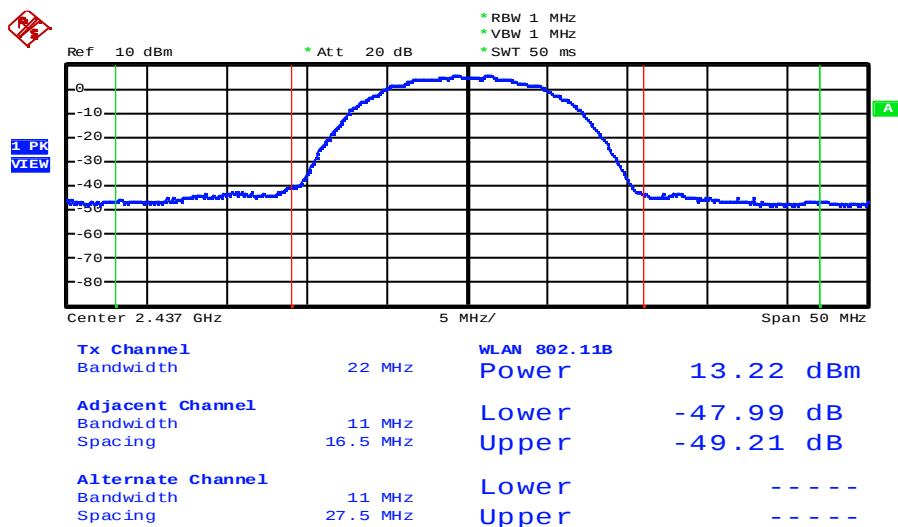
Test Date: Oct. 22, 2004 Temperature: 25 Humidity: 51%

a) Channel 01: Output Peak Power is	<u>13.09</u>	dBm or	<u>20.370</u>	mW
b) Channel 06: Output Peak Power is	<u>12.73</u>	dBm or	<u>18.750</u>	mW
c) Channel 11: Output Peak Power is	<u>12.19</u>	dBm or	<u>16.558</u>	mW

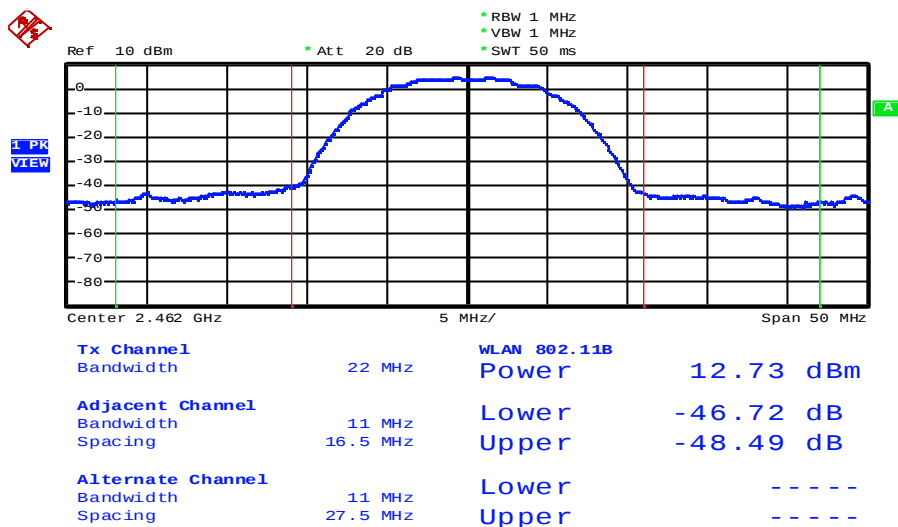
Note: Conducted Power = Reading Value + Cable Loss



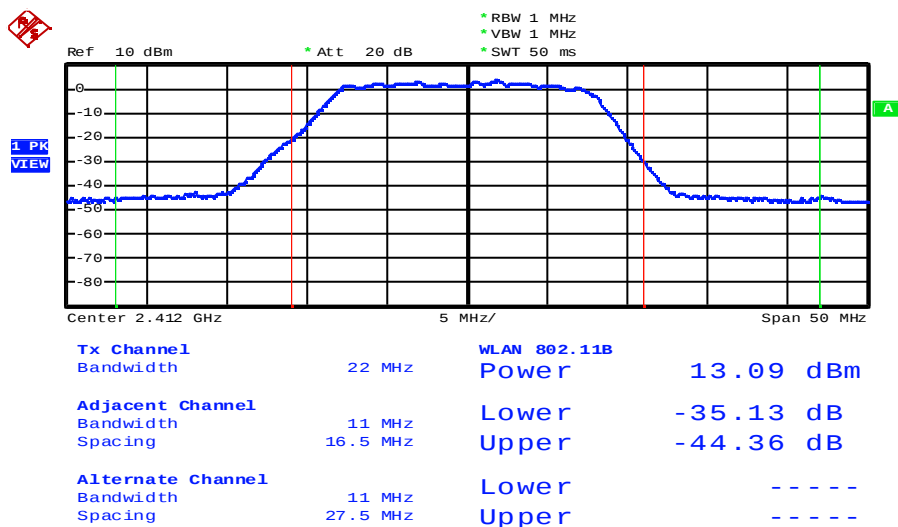
Date: 22.OCT.2004 16:27:49



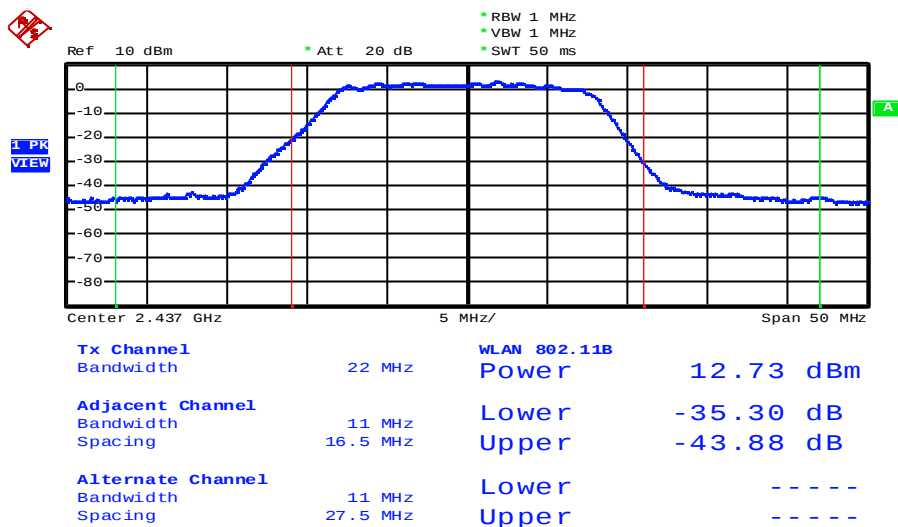
Date: 22.OCT.2004 16:28:50



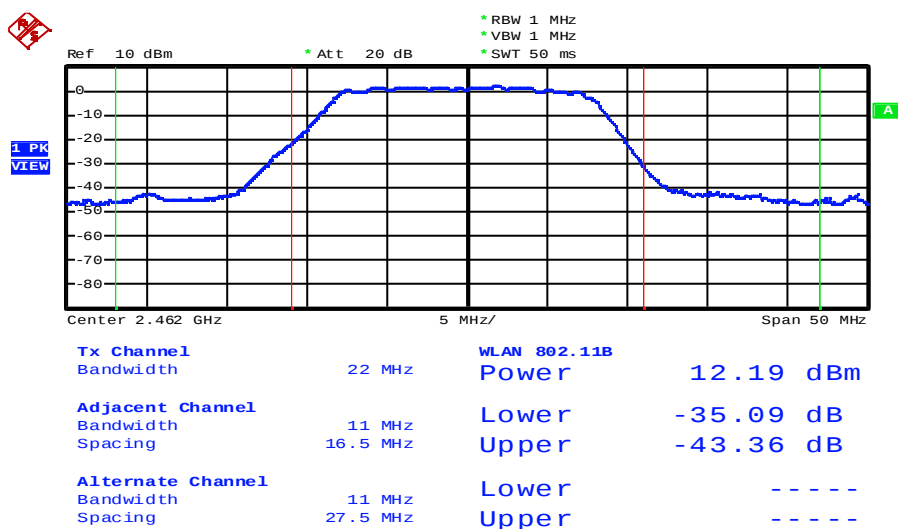
Date: 22.OCT.2004 16:29:54



Date: 22.OCT.2004 16:22:18



Date: 22.OCT.2004 16:23:23



Date: 22.OCT.2004 16:26:13

4.6. Band Edges Measurement Data

(1) Modulation Standard: IEEE 802.11b

Test Date: Oct. 22, 2004 Temperature: 25 Humidity: 51%

a) Lower Band Edge: maximum value is -40.64 dBm that is attenuated more than 20dB

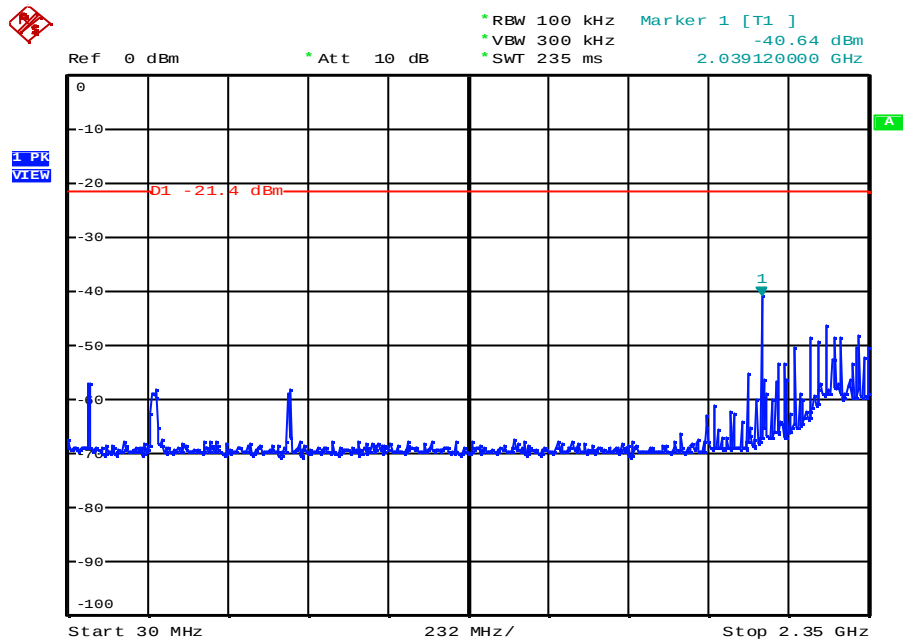
b) Upper Band Edge: maximum value is -31.66 dBm that is attenuated more than 20dB

(2) Modulation Standard: IEEE 802.11g

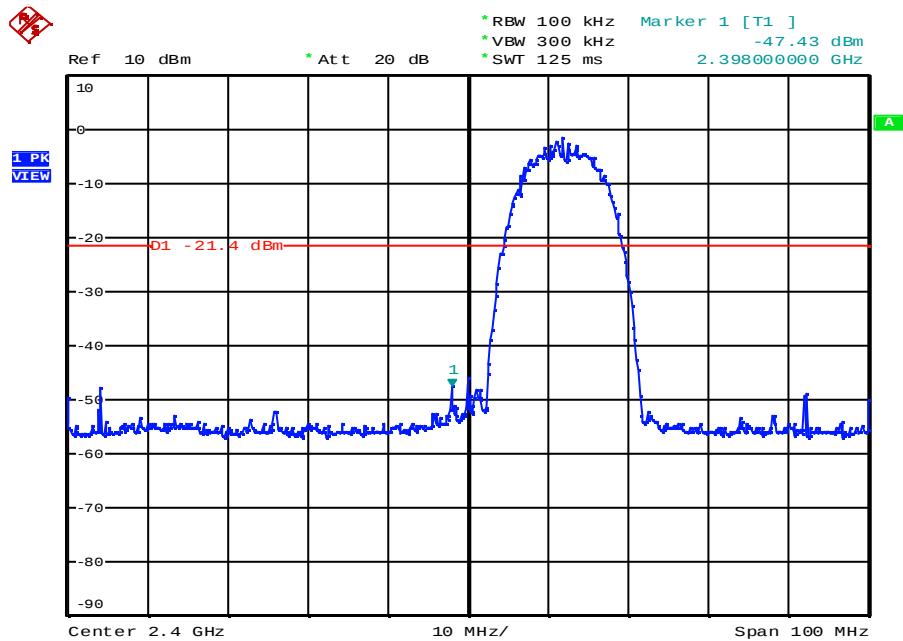
Test Date: Oct. 22, 2004 Temperature: 25 Humidity: 51%

a) Lower Band Edge: maximum value is -39.78 dBm that is attenuated more than 20dB

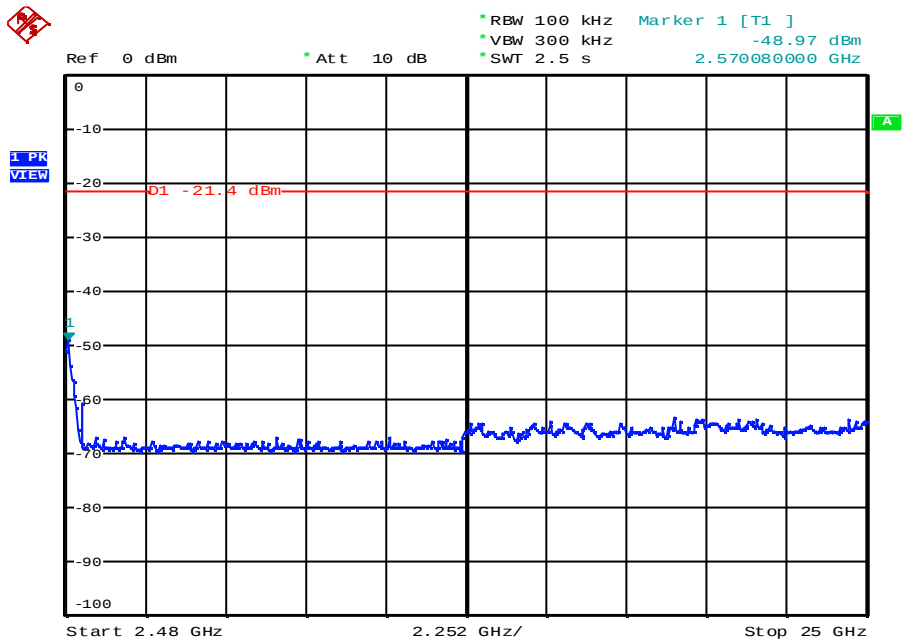
b) Upper Band Edge: maximum value is -31.66 dBm that is attenuated more than 20dB



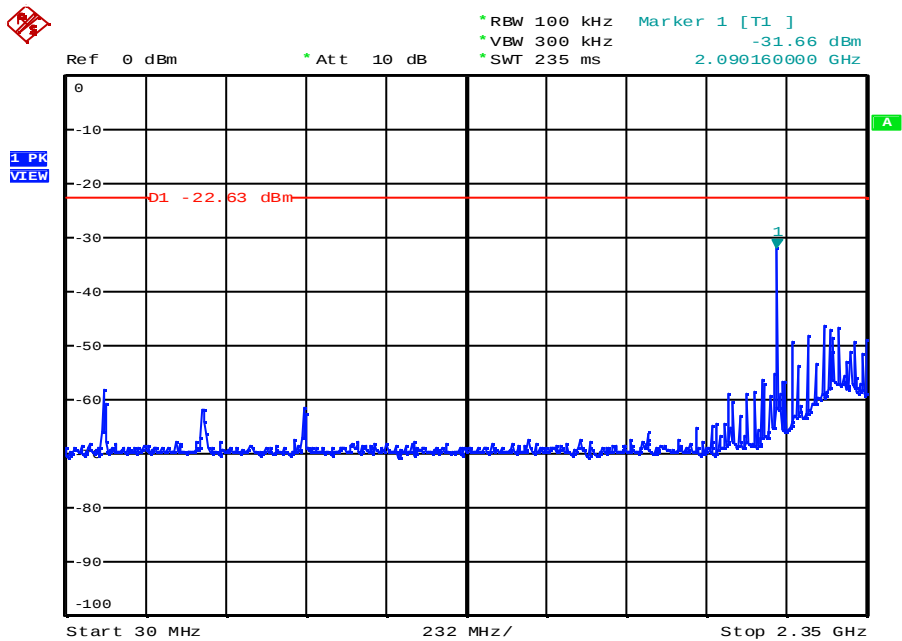
Date: 22.OCT.2004 17:47:52



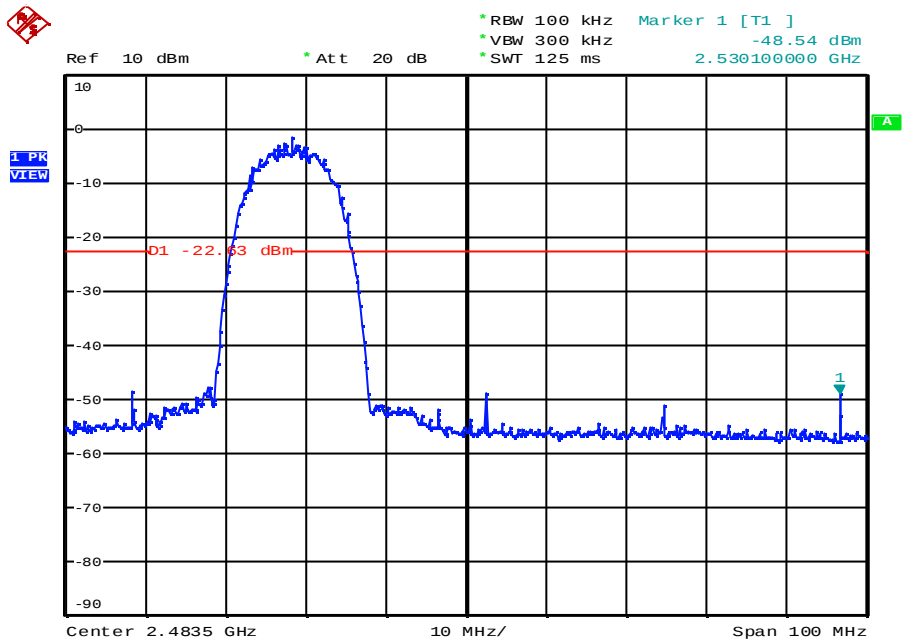
Date: 22.OCT.2004 17:46:38



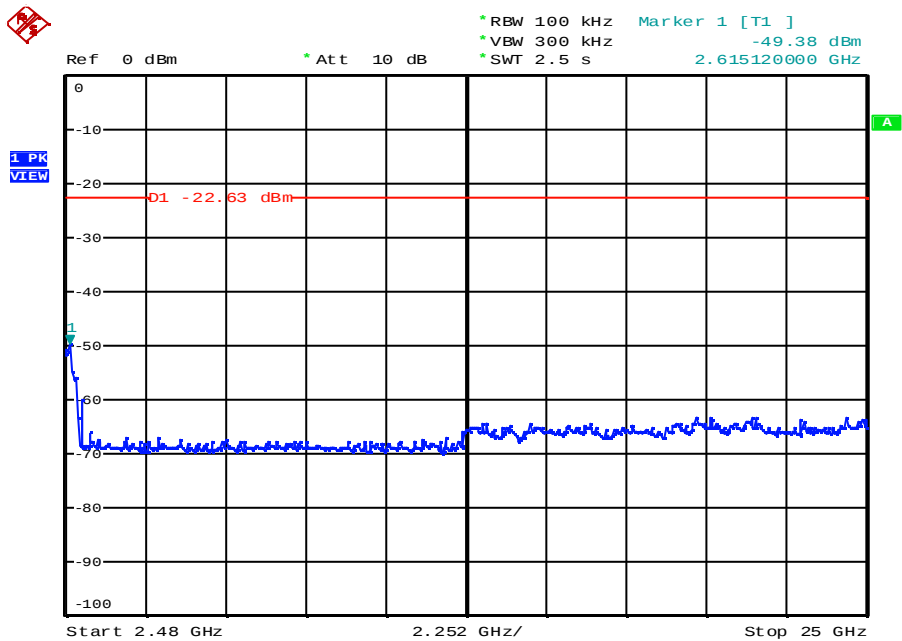
Date: 22.OCT.2004 17:48:58



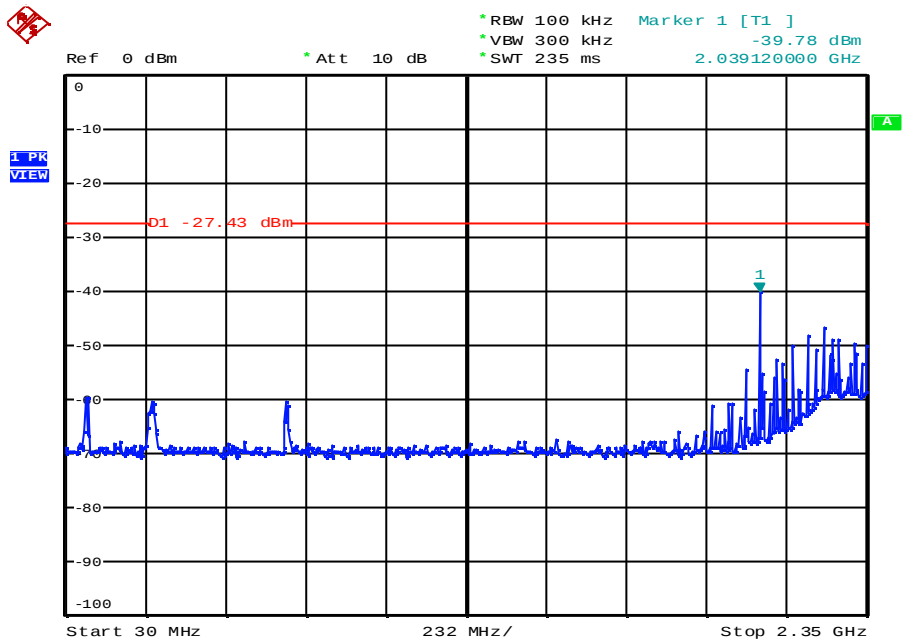
Date: 22.OCT.2004 18:40:39



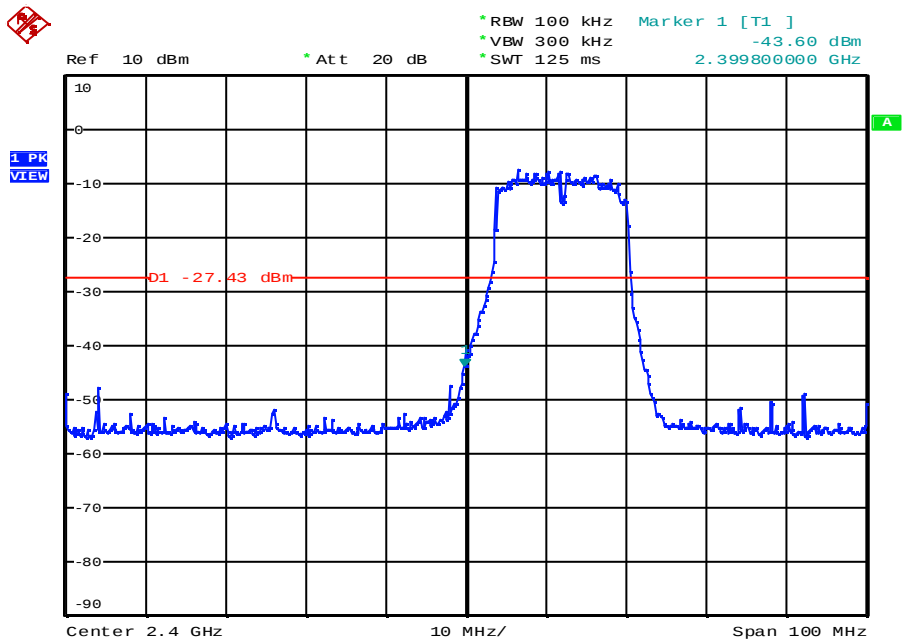
Date: 22.OCT.2004 18:39:05



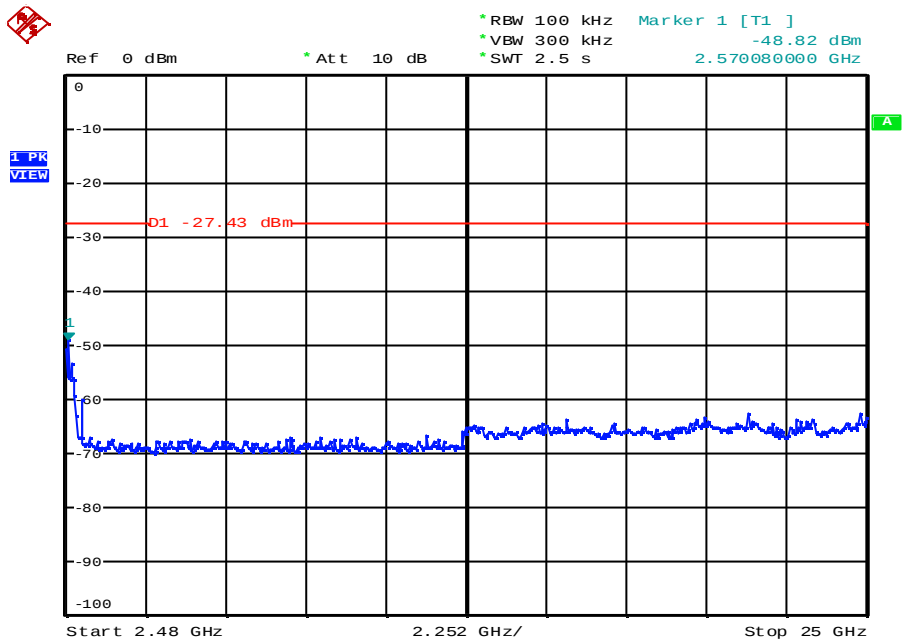
Date: 22.OCT.2004 18:41:33



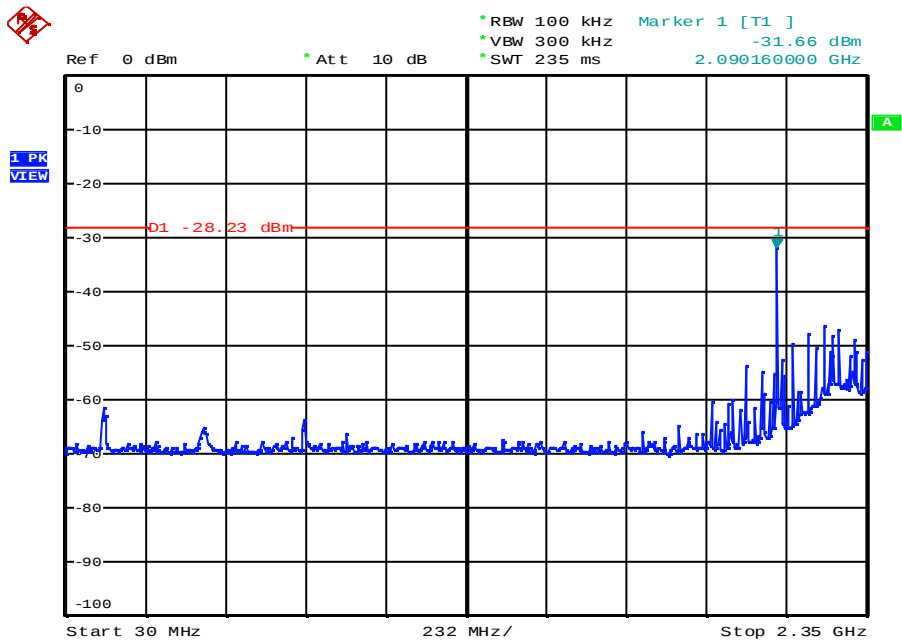
Date: 22.OCT.2004 17:34:36



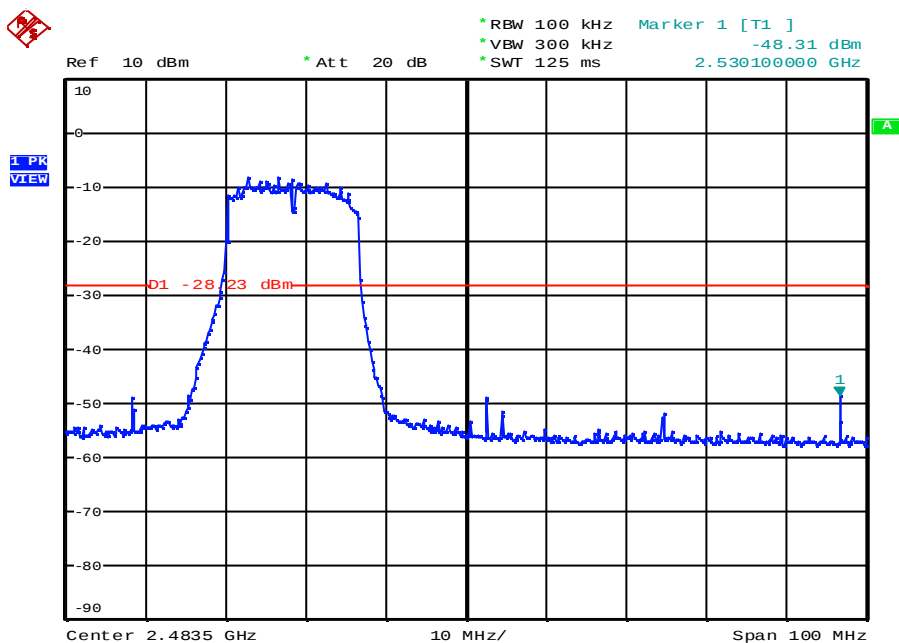
Date: 22.OCT.2004 17:33:25



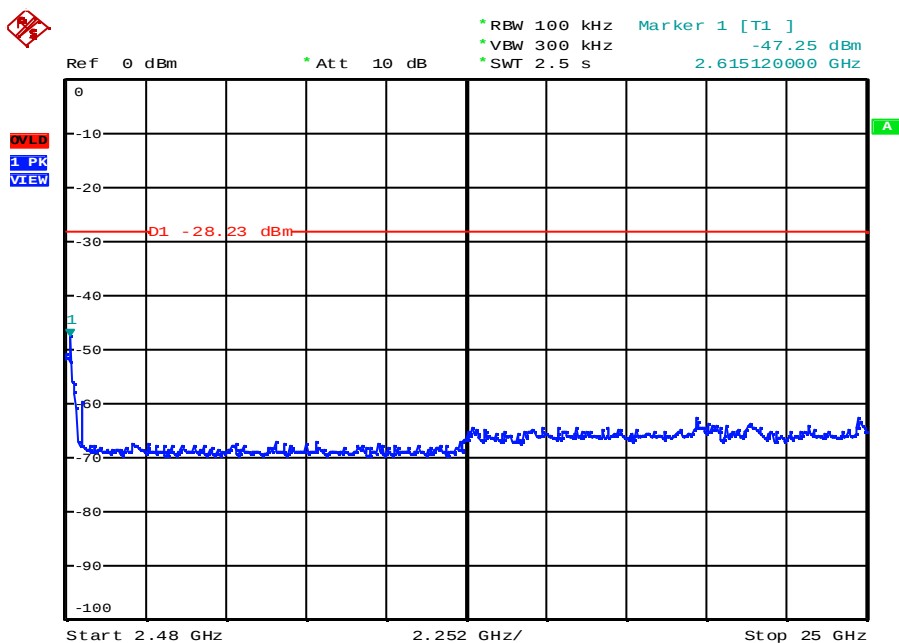
Date: 22.OCT.2004 17:36:03



Date: 22.OCT.2004 17:40:09



Date: 22.OCT.2004 17:38:39



Date: 22.OCT.2004 17:41:15

4.6.1. Note on Band edge Emission

Modulation Standard: IEEE 802.11b

Test Date: Oct. 24, 2004 Temperature: 24 Humidity: 63%

a) Channel 1

Fundamental Frequency: 2412 MHz

Frequency (MHz)	Level (dBV)	Polarization	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table Deg. (Deg.)	Ant High (m)
				Peak	Ave.			
2319.792	54.50	H	Peak	74	54	-19.50	140	1.0
2319.996	43.65	H	Ave.	74	54	-10.35	135	1.0
2350.188	53.66	V	Peak	74	54	-20.34	168	1.0
2350.188	---	V	Ave.	74	54	---	---	---

b) Channel 11

Fundamental Frequency: 2462 MHz

Frequency (MHz)	Level (dBuV)	Polarization	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table Deg. (Deg.)	Ant High (m)
				Peak	Ave.			
2488.144	51.05	H	Peak	74	54	-22.95	175	1.0
2488.144	---	H	Ave.	74	54	---	---	---
2486.320	50.02	V	Peak	74	54	-23.98	196	1.0
2486.320	---	V	Ave.	74	54	---	---	---

Modulation Standard: IEEE 802.11g

Test Date: Oct. 24, 2004 Temperature: 24 Humidity: 63%

a) Channel 1

Fundamental Frequency: 2412 MHz

Frequency (MHz)	Level (dBuV)	Polarization	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table Deg. (Deg.)	Ant High (m)
				Peak	Ave.			
2317.956	52.2	H	Peak	74	54	-21.80	165	1.0
2317.956	---	H	Ave.	74	54	---	---	---
2353.860	52.13	V	Peak	74	54	-21.87	185	1.0
2353.860	---	V	Ave.	74	54	---	---	---

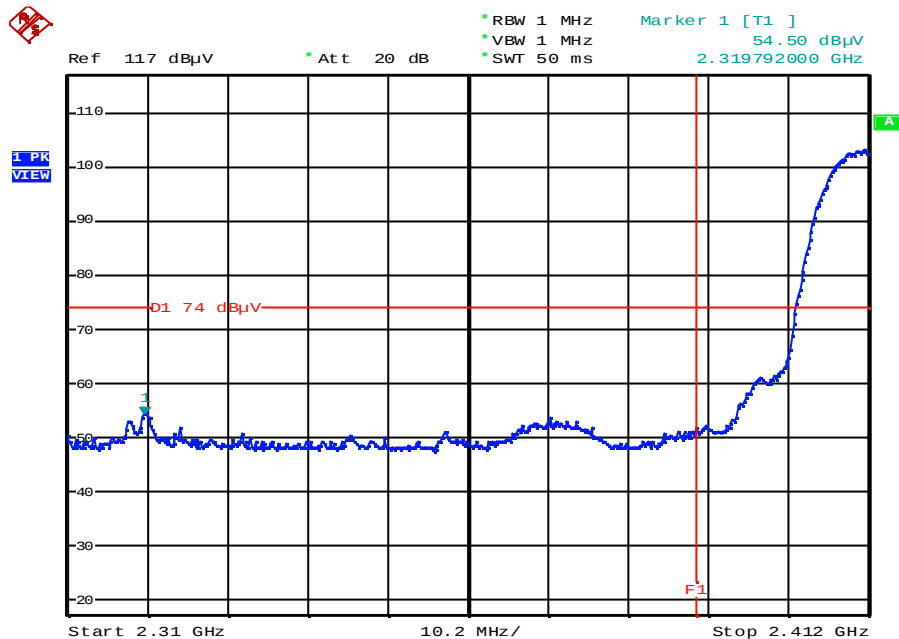
b) Channel 11

Fundamental Frequency: 2462 MHz

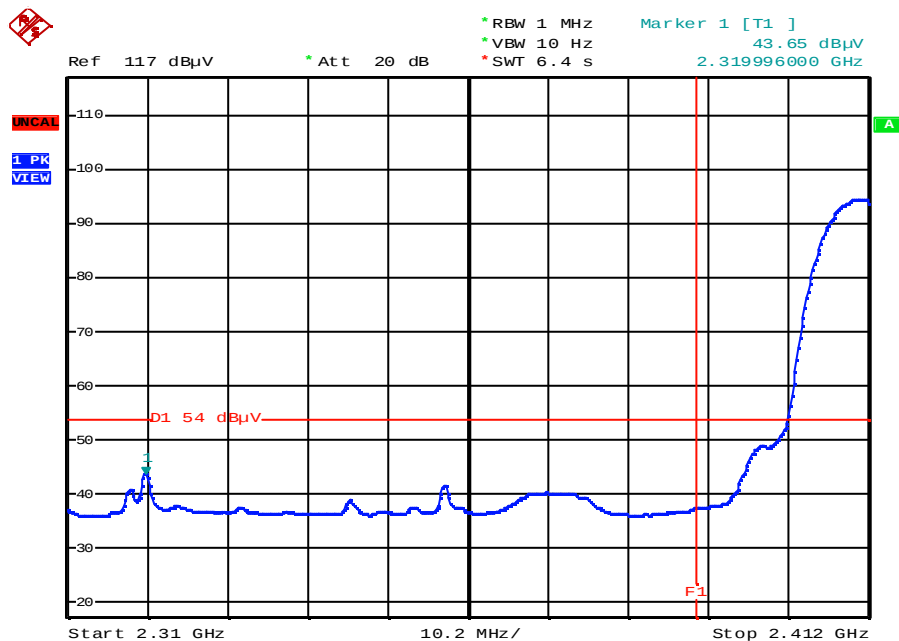
Frequency (MHz)	Level (dBuV)	Polarization	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table Deg. (Deg.)	Ant High (m)
				Peak	Ave.			
2488.068	49.84	H	Peak	74	54	-24.16	170	1.0
2488.068	---	H	Ave.	74	54	---	---	---
2490.348	49.84	V	Peak	74	54	-24.42	190	1.0
2490.348	---	V	Ave.	74	54	---	---	---

Modulation Standard: IEEE 802.11b

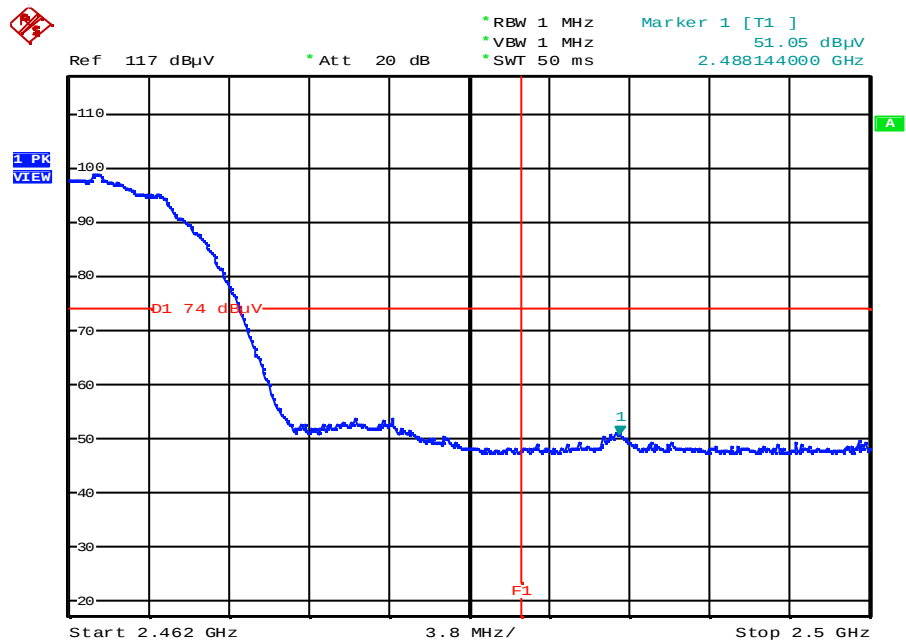
Pol/Phase: Horizontal



Date: 24.OCT.2004 14:41:52



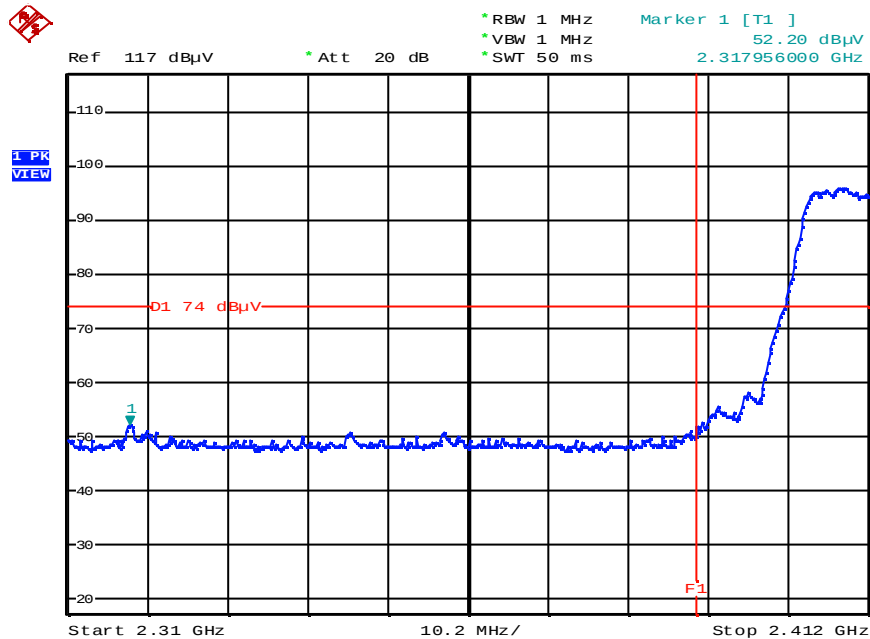
Date: 24.OCT.2004 14:45:15



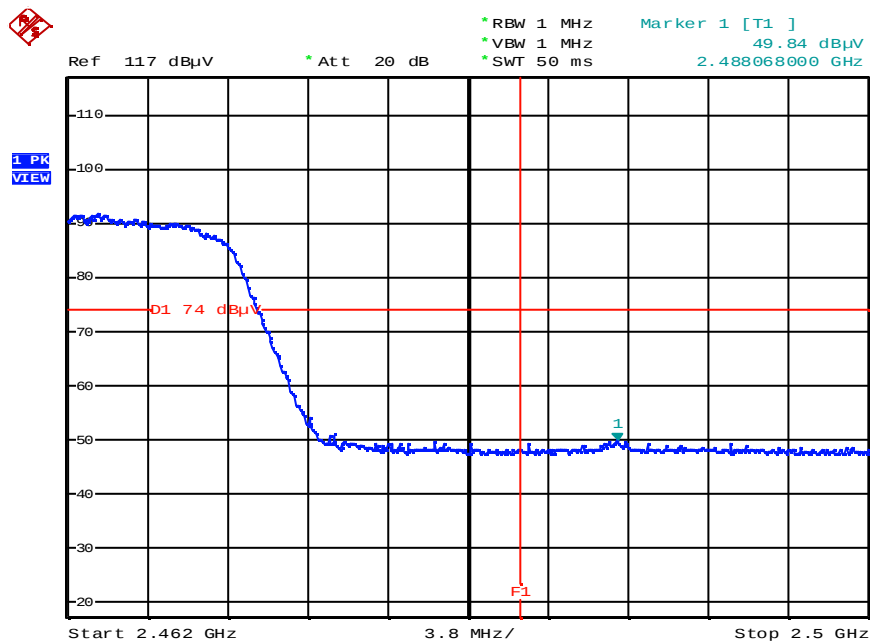
Date: 24.OCT.2004 14:48:22

Modulation Standard: IEEE 802.11g

Pol/Phase: Horizontal



Date: 24.OCT.2004 14:57:10



Date: 24.OCT.2004 14:53:13

4.7. Power Spectral Density Measurement Data

(1) Modulation Standard: IEEE 802.11b

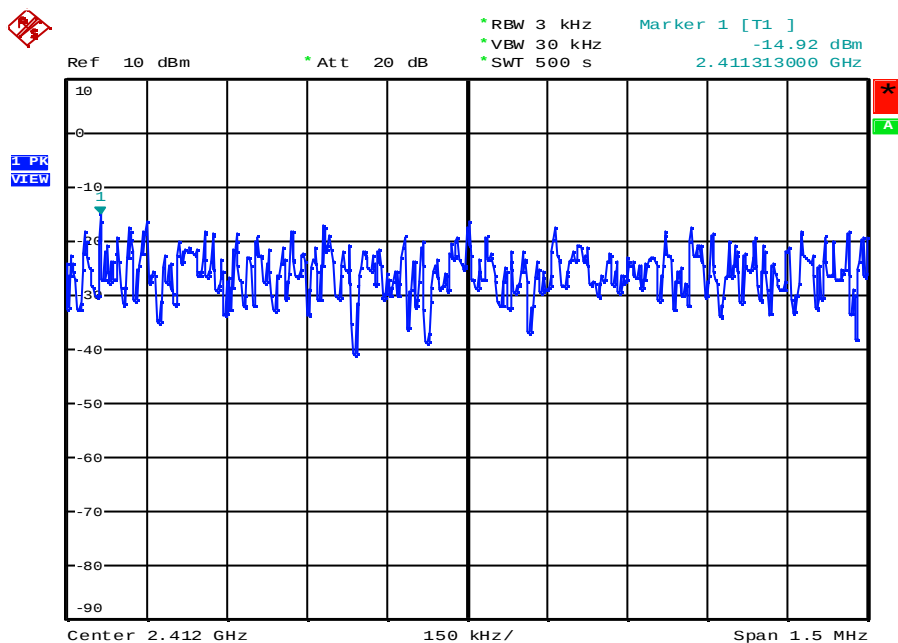
Test Date: Oct. 22, 2004 Temperature: 25 Humidity: 51%

- a) Channel 01: Maximum Power Density of 3 kHz Bandwidth is -14.92 dBm
- b) Channel 06: Maximum Power Density of 3 kHz Bandwidth is -15.46 dBm
- c) Channel 11: Maximum Power Density of 3 kHz Bandwidth is -15.59 dBm

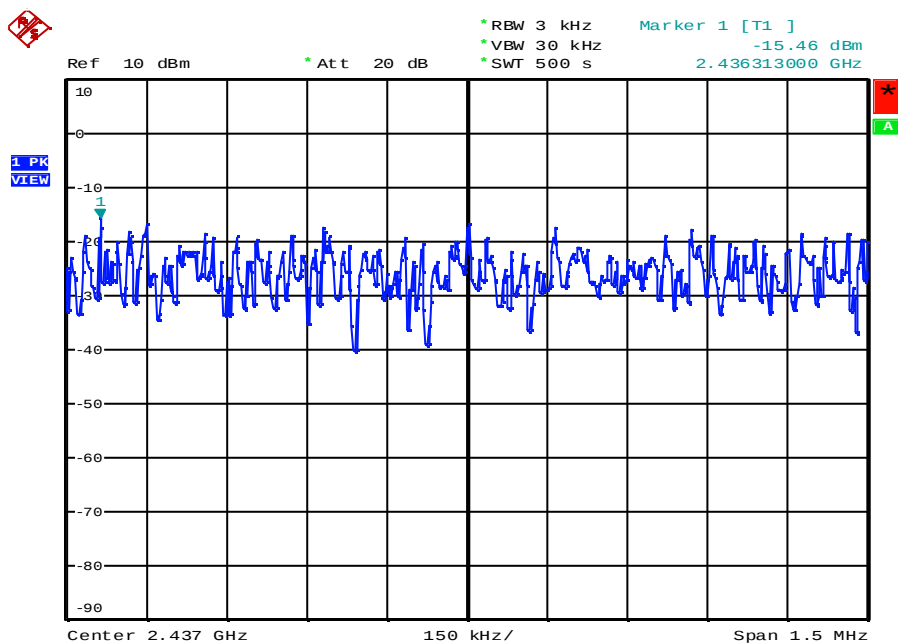
(2) Modulation Standard: IEEE 802.11g

Test Date: Oct. 22, 2004 Temperature: 25 Humidity: 51%

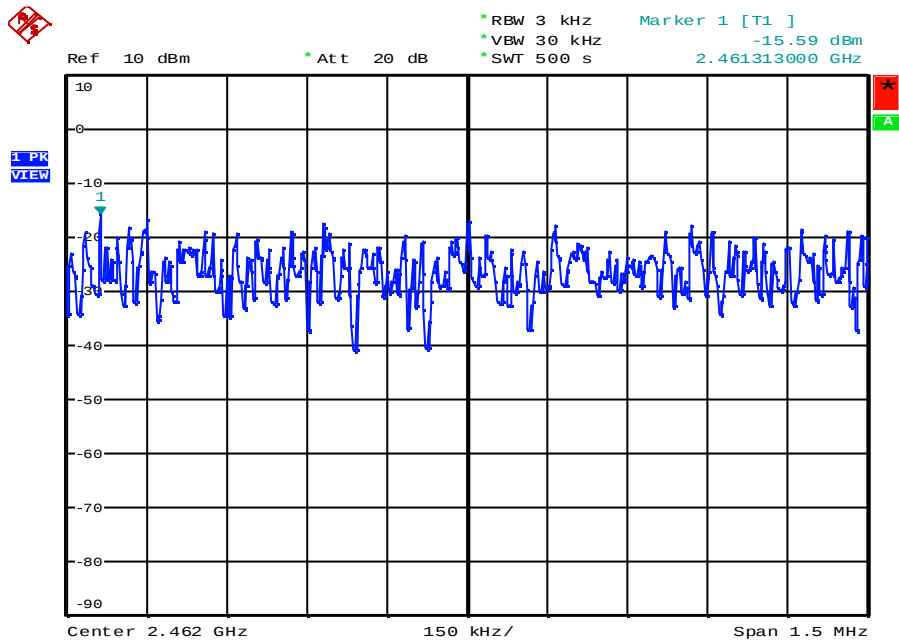
- a) Channel 01: Maximum Power Density of 3 kHz Bandwidth is -19.88 dBm
- b) Channel 06: Maximum Power Density of 3 kHz Bandwidth is -20.05 dBm
- c) Channel 11: Maximum Power Density of 3 kHz Bandwidth is -22.13 dBm



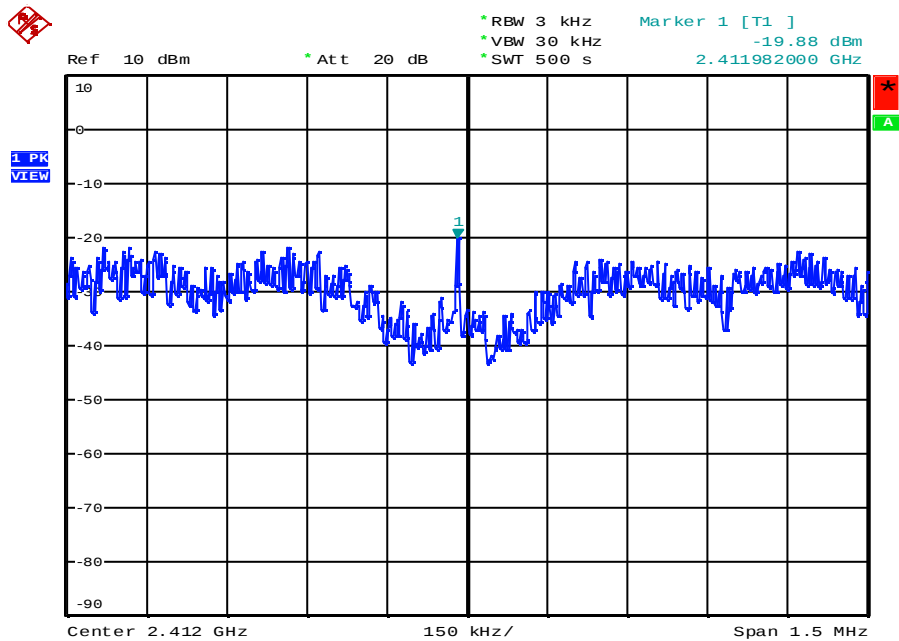
Date: 22.OCT.2004 18:57:07



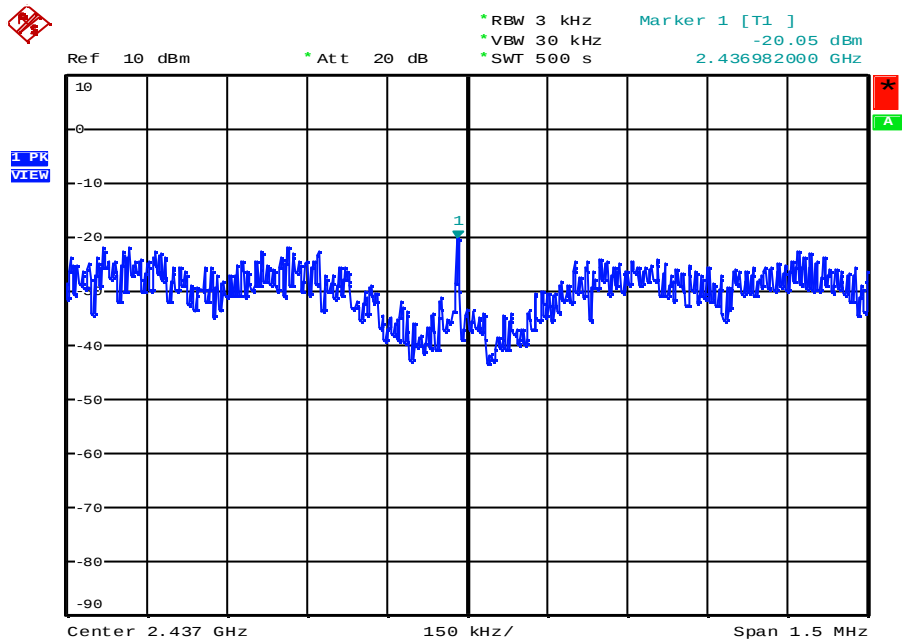
Date: 22.OCT.2004 19:07:34



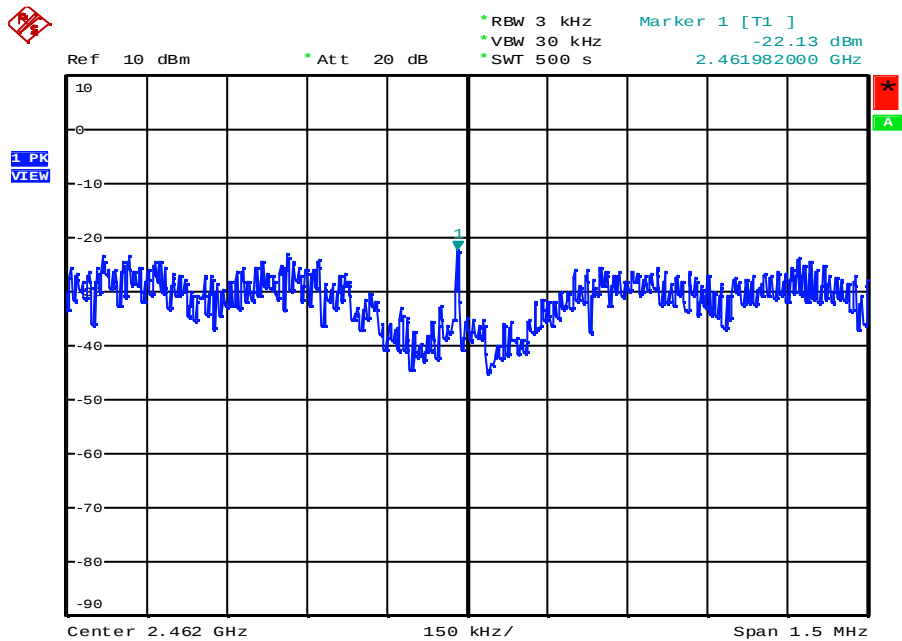
Date: 22.OCT.2004 19:18:45



Date: 22.OCT.2004 19:34:42



Date: 22.OCT.2004 19:45:43



Date: 22.OCT.2004 20:03:49

5. List of Measuring Equipment Used

No	Instrument/Ancillary	Type	Manufacturer	Serial No.	Valid Date.
1	Bilog Antenna	CBL6111C	Schaffner	2762	2004/11/03
2	Preamplifier	RFP4002	Schaffner	010	2004/11/03
3	Receiver	SCR3501	Schaffner	437	2004/11/03
4	Signal Generator	8648B	HP	3629U00612	2006/02/09
5	Spectrum Analyzer	8594E	HP	3520A01913	2005/01/15
6	Amplifier	8447D	Agilent	2443A04650	2005/02/02
7	Amplifier	8447D	Agilent	2944A10531	2005/06/30
8	Series Power Meter	E4416A	Agilent	GB41292146	2005/10/11
9	Power Sensor	E9327A	Agilent	US40441392	2005/10/11
10	Dipole Antenna	AD-100	COM-Power	721011	2004/12/02
11	Dipole Antenna	AD-100	COM-Power	721010	2004/12/02
12	Spectrum Analyzer	R3131A	Advantest	131000021	2004/11/24
13	Spectrum Analyzer	FSP40	R&S	100047	2004/12/16
14	Preamplifier	8449B	Agilent	3008A01954	2005/01/04
15	Horn Antenna	3115	EMCO	31601	2005/01/13
16	Horn Antenna	3115	EMCO	31589	2005/01/13
17	Horn Antenna	3116	EMCO	31970	2005/01/29
18	Horn Antenna	3116	EMCO	31974	2005/01/29
19	EMI Receiver	8546A	HP	3807A00454	2005/02/12
20	RF Filter Section	85460A	HP	3704A00386	2005/02/12
21	Signal Generator	83640A	HP	2927A00107	2006/04/02
22	Attenuator	8491B	Agilent	50703	2004/12/16
23	Attenuator	8491B	Agilent	50705	2004/12/16
24	Temperature Chamber	TMJ-9712	T Machine	T-12-040111	2005/02/05
25	High Pass Filter	84300-80038	HP	002	N/A
26	High Pass Filter	84300-80038	HP	006	N/A
27	DC Power Supply	GPD-3030	GM	7020936	N/A
28	AC Power Converter	AFC-11005	APC	F103120008	N/A