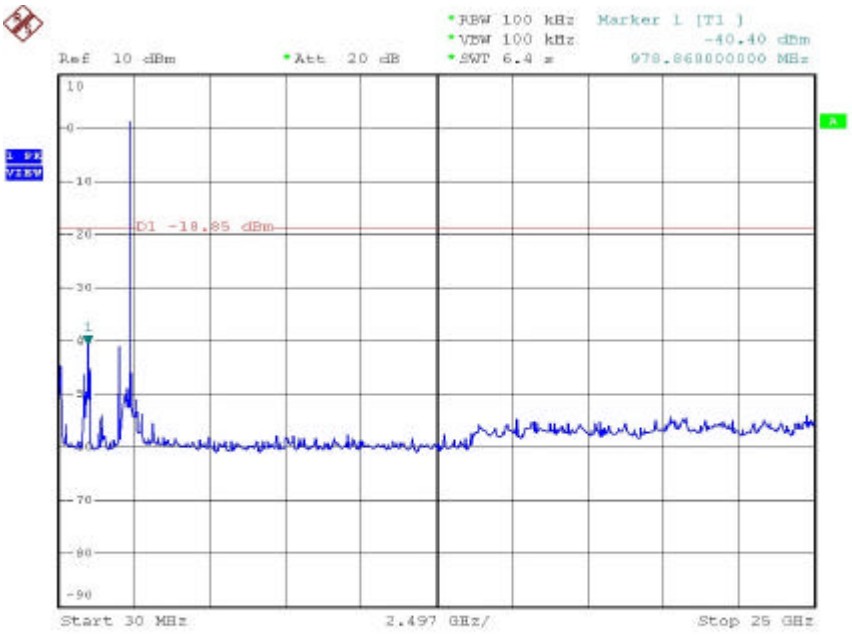
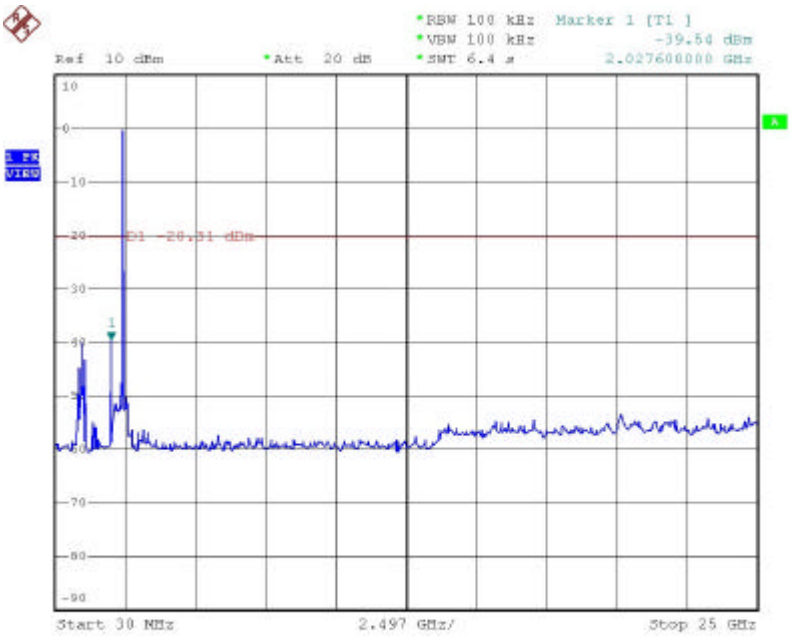
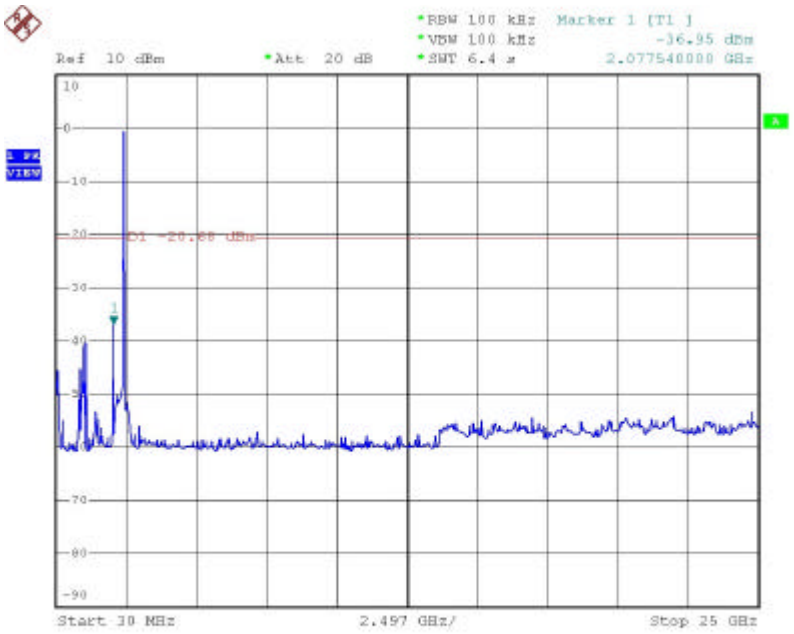
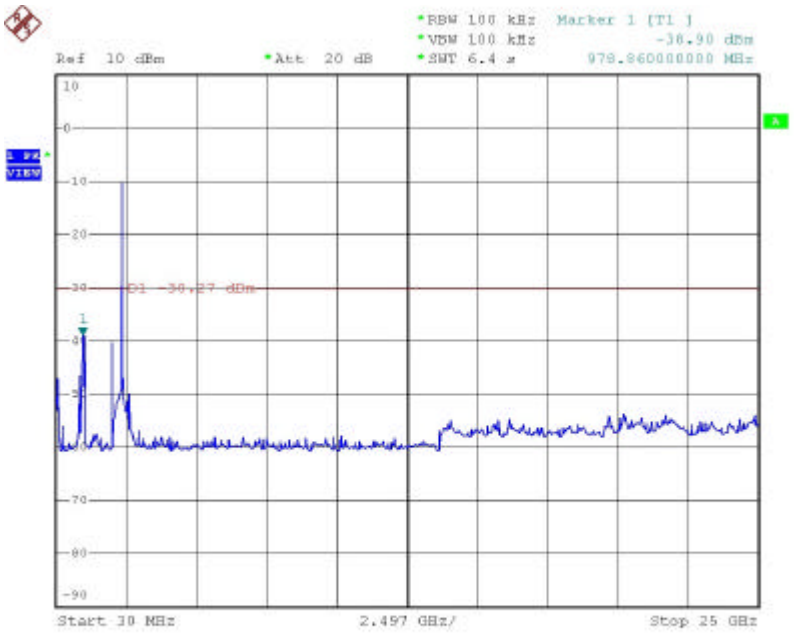
4.3. RF Portion

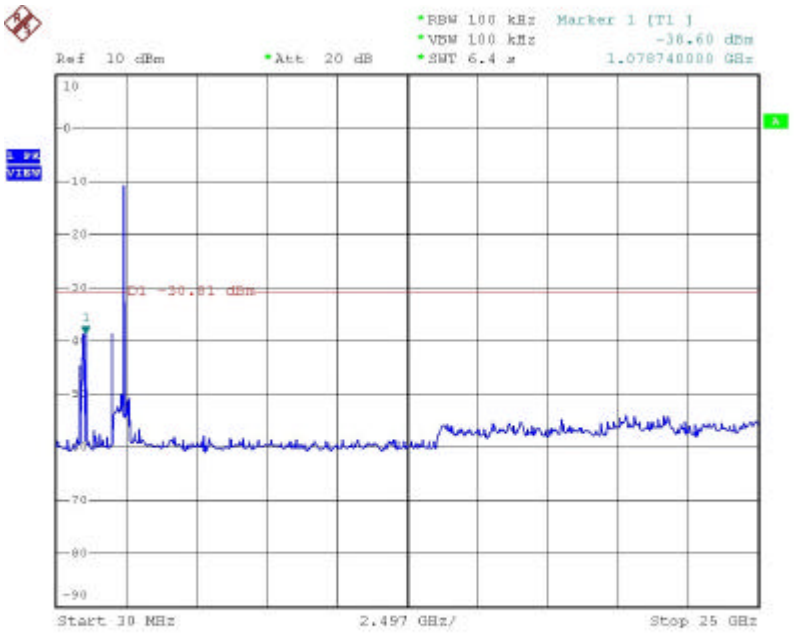
4.3.1. Test Result of Conducted Emission

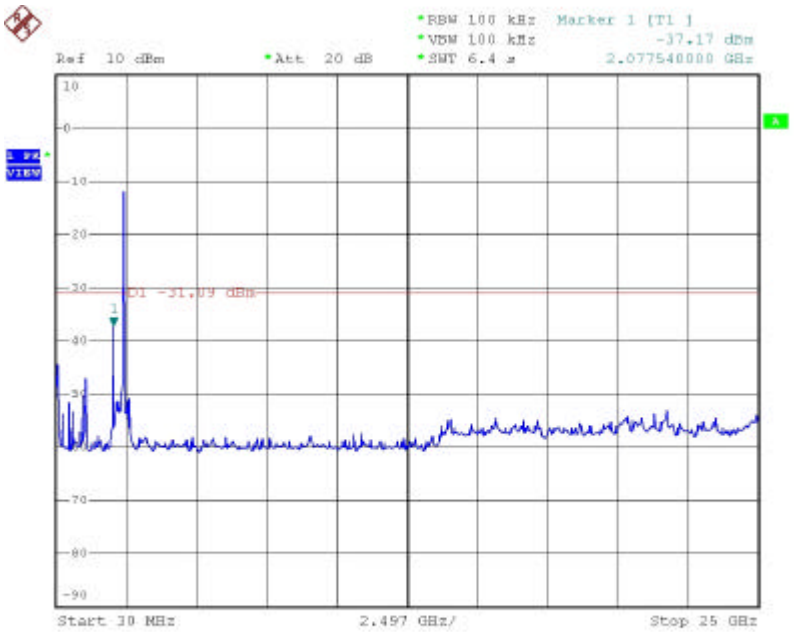





RBW 100 kHz
VBW 100 kHz
SWT 6.4 s
Marker 1 [T1]
-36.95 dBm
2.077540000 GHz
Ref 10 dBm
Att 20 dB
D1 -20.00 dBm
Start 30 MHz
2.497 GHz/
Stop 25 GHz


RBW 100 kHz
VBW 100 kHz
SWT 6.4 s
Marker 1 [T1]
-36.90 dBm
979.860000000 MHz
Ref 10 dBm
Att 20 dB
D1 -30.27 dBm
Start 30 MHz
2.497 GHz/
Stop 25 GHz


RBW 100 kHz
VBW 100 kHz
SWT 6.4 s
Marker 1 [T1]
-36.60 dBm
1.078740000 GHz
Ref 10 dBm
Att 20 dB
D1 -30.81 dBm
Start 30 MHz
2.497 GHz/
Stop 25 GHz


RBW 100 kHz
VBW 100 kHz
SWT 6.4 s
Marker 1 [T1]
-37.17 dBm
2.077540000 GHz
Ref 10 dBm
Att 20 dB
D1 -31.09 dBm
Start 30 MHz
2.497 GHz/
Stop 25 GHz

4.3.2. Test Result of Radiated Emission

Modulation Standard: IEEE 802.11b

a) Emission frequencies below 1 GHz

Test Date: Jul. 12, 2004 Temperature: 24 ℃ 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)
668.90	H	44.95	-2.15	42.80	46	-3.20	180	1.5
901.30	H	39.98	2.58	42.56	46	-3.44	180	1.5
918.80	H	39.41	3.45	42.86	46	-3.14	180	1.5
79.14	V	56.43	-20.32	36.01	40	-3.99	240	1.5
81.84	V	56.48	-19.94	36.54	40	-3.46	240	1.5
668.90	V	48.04	-3.15	44.89	46	-1.11	240	1.5
901.30	V	41.34	2.58	43.92	46	-2.18	240	1.5
934.90	V	39.22	3.95	43.17	46	-2.83	240	1.5

Notes:

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

b) Emission frequencies above 1 GHz

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)
1084.000	H	55.75	-6.98	48.77	74	-25.23	270	1.5
1784.000	H	64.64	-3.22	61.42	74	-12.58	270	1.5
1954.800	H	65.00	-2.21	62.79	74	-11.21	270	1.5
4924.034	H	60.69	7.61	68.30	74	-5.70	270	1.5
7382.320	H	60.53	11.46	71.99	74	-2.01	270	1.5
4924.034	V	56.05	6.82	62.87	74	-11.13	180	1.5
7382.400	V	57.39	10.48	67.87	74	-6.13	180	1.5

Modulation Standard: IEEE 802.11g

a) Emission frequencies below 1 GHz

Test Date: Jul. 12, 2004 Temperature: 24 ℃ 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)
668.90	H	44.19	-2.15	42.04	46	-3.96	240	1.5
902.30	H	38.62	2.58	41.20	46	-4.80	200	1.5
918.80	H	38.18	3.45	41.63	46	-4.36	200	1.5
79.14	V	55.18	-20.32	34.86	40	-5.14	240	1.5
81.84	V	55.46	-19.94	35.52	40	-4.48	240	1.5
668.90	V	47.23	-3.15	44.08	46	-1.92	250	1.5
901.35	V	40.11	2.58	42.69	46	-3.31	250	1.5
934.90	V	38.52	3.95	42.47	46	-3.53	240	1.5

Notes:

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

b) Emission frequencies above 1 GHz

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)
4924.00	V	48.58	6.82	55.40	74	-18.60	180	1.5
7386.60	V	56.95	10.48	67.43	74	-6.57	180	1.5
1784.00	H	62.59	22.00	59.37	74	-14.63	270	1.5
1952.00	H	62.22	21.00	60.01	74	-13.99	270	1.5
4918.72	H	53.65	7.55	61.20	74	-12.80	270	1.5
7383.12	H	60.72	11.46	72.18	74	-1.82	270	1.5

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: Jul. 12, 2004 Temperature: 24℃ Humidity: 58%

a) Channel 01: 6dB Emission Bandwidth is 11.8 MHz

b) Channel 06: 6dB Emission Bandwidth is 11.2 MHz

c) Channel 11: 6dB Emission Bandwidth is 10.6 MHz

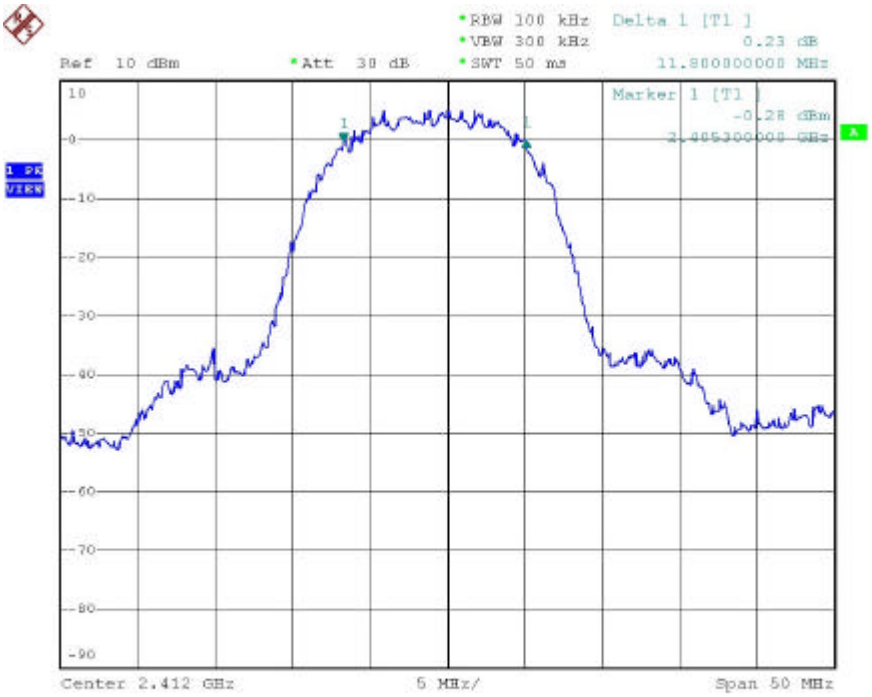
(2) Modulation Standard: IEEE 802.11g

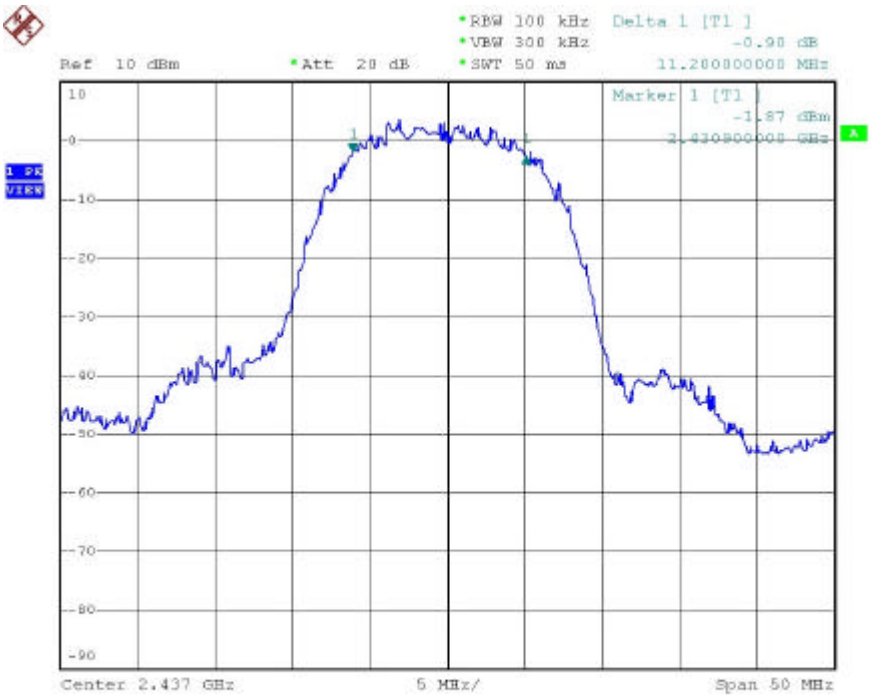
Test Date: Jul. 12, 2004 Temperature: 24℃ Humidity: 58%

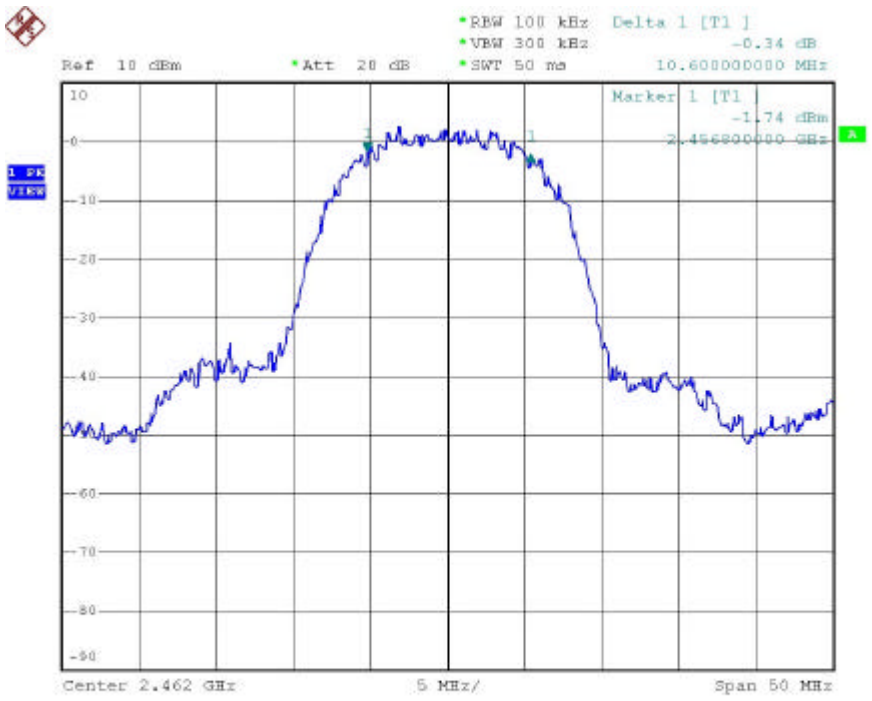
a) Channel 01: 6dB Emission Bandwidth is 16.4 MHz

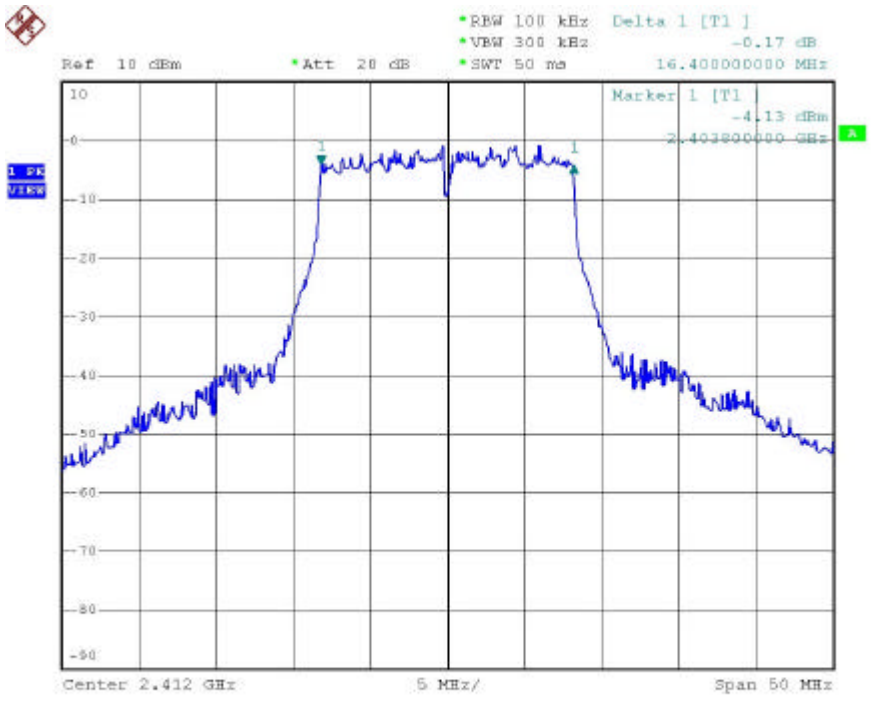
b) Channel 06: 6dB Emission Bandwidth is 16.5 MHz

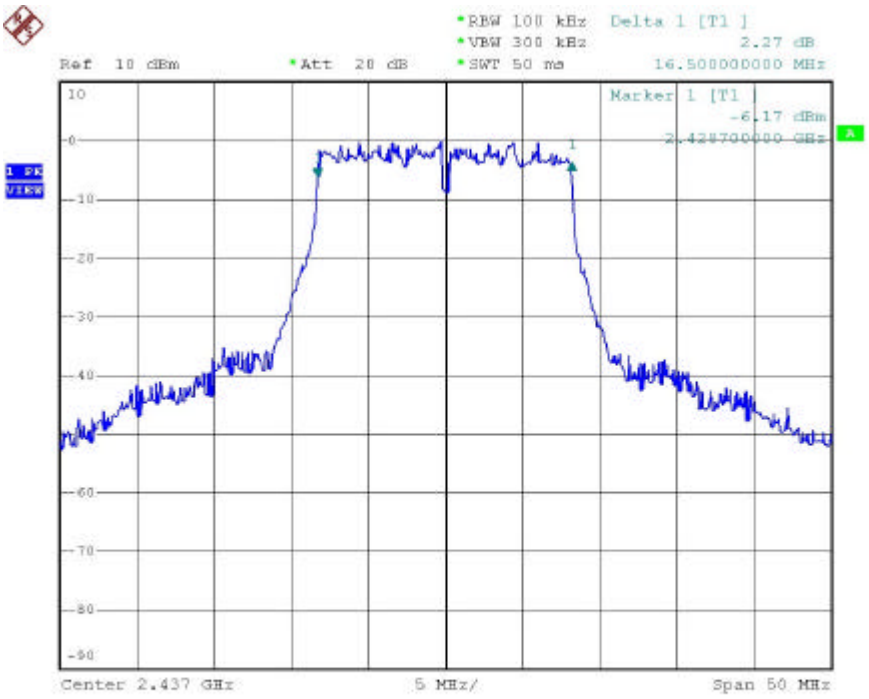
c) Channel 11: 6dB Emission Bandwidth is 16.5 MHz

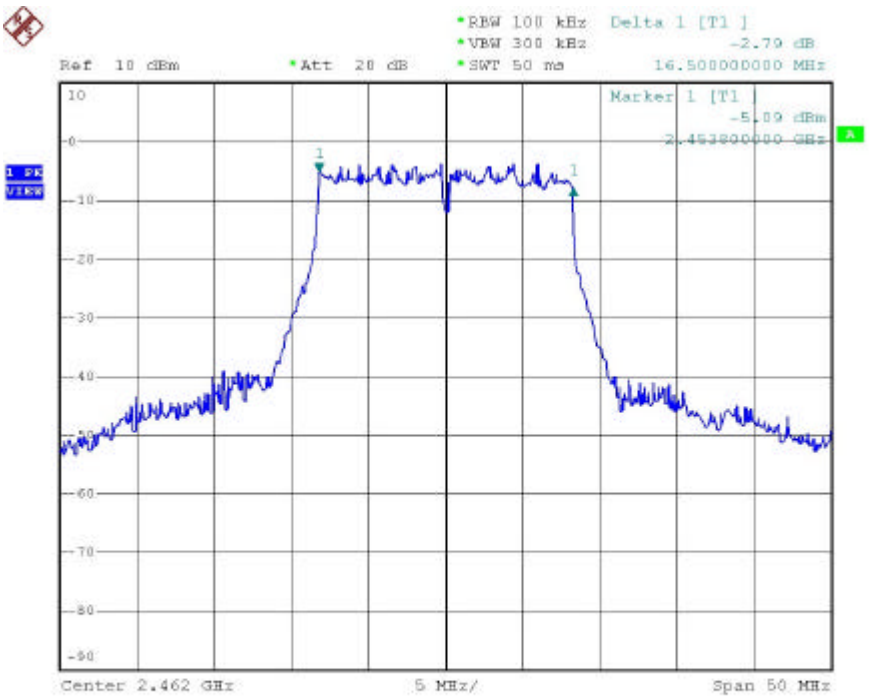

RBW 100 kHz
VBW 300 kHz
SWT 50 ms
Delta 1 [T1]
0.23 dB
11.880800000 MHz
Ref 10 dBm
Att 30 dB
Marker 1 [T1]
-0.28 dBm
2.405300000 GHz
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
Center 2.412 GHz
5 MHz/
Span 50 MHz


RBW 100 kHz
VBW 300 kHz
SWT 50 ms
Delta 1 [T1]
-0.90 dB
11.200800000 MHz
Ref 10 dBm
Att 20 dB
Marker 1 [T1]
-1.87 dBm
2.430800000 GHz
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
Center 2.437 GHz
5 MHz/
Span 50 MHz


RBW 100 kHz
VBW 300 kHz
SWT 50 ms
Delta 1 [T1]
-0.34 dB
10.600000000 MHz
Ref 10 dBm
Att 20 dB
Marker 1 [T1]
-1.74 dBm
2.456800000 GHz
Center 2.462 GHz
5 MHz/
Span 50 MHz


RBW 100 kHz
VBW 300 kHz
SWT 50 ms
Delta 1 [T1]
-0.17 dB
16.400000000 MHz
Ref 10 dBm
Att 20 dB
Marker 1 [T1]
-4.13 dBm
2.403800000 GHz
Center 2.412 GHz
5 MHz/
Span 50 MHz


RBW 100 kHz
VBW 300 kHz
SWT 50 ms
Delta 1 [T1]
2.27 dB
16.500000000 MHz
Ref 10 dBm
Att 20 dB
Marker 1 [T1]
-6.17 dBm
2.428700000 GHz
1 PK VIEW
Center 2.437 GHz
5 MHz/
Span 50 MHz


RBW 100 kHz
VBW 300 kHz
SWT 50 ms
Delta 1 [T1]
-2.79 dB
16.500000000 MHz
Ref 10 dBm
Att 20 dB
Marker 1 [T1]
-5.09 dBm
2.453800000 GHz
1 PK VIEW
Center 2.462 GHz
5 MHz/
Span 50 MHz

4.5. Peak Output Power Measurement Data

(1) Modulation Standard: IEEE 802.11b

Test Date: Jul. 12, 2004 Temperature: 24℃ Humidity: 58%

a) Channel 01: Output Peak Power is 21.26 dBm or 133.572 mW

b) Channel 06: Output Peak Power is 19.71 dBm or 93.572 mW

c) Channel 11: Output Peak Power is 18.05 dBm or 63.579 mW

(2) Modulation Standard: IEEE 802.11g

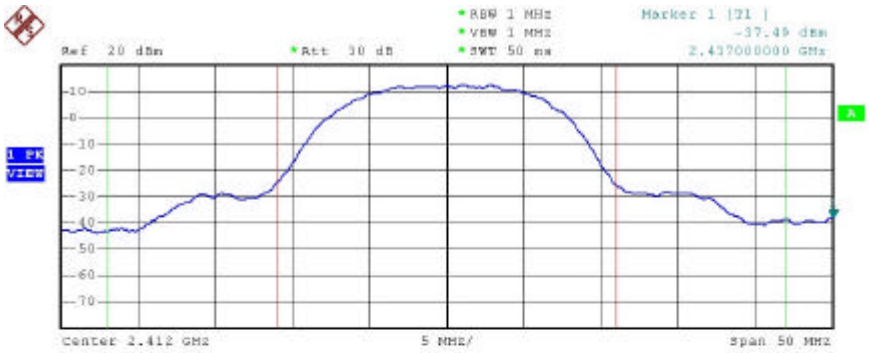
Test Date: Jul. 12, 2004 Temperature: 24℃ Humidity: 58%

a) Channel 01: Output Peak Power is 19.56 dBm or 90.306 mW

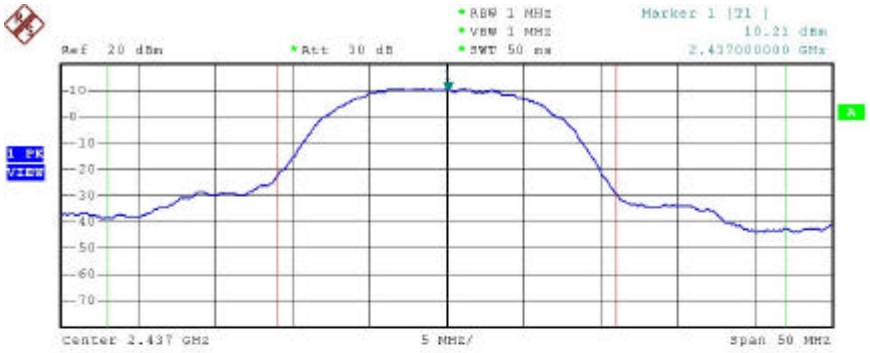
b) Channel 06: Output Peak Power is 17.70 dBm or 58.911 mW

c) Channel 11: Output Peak Power is 16.06 dBm or 40.385 mW

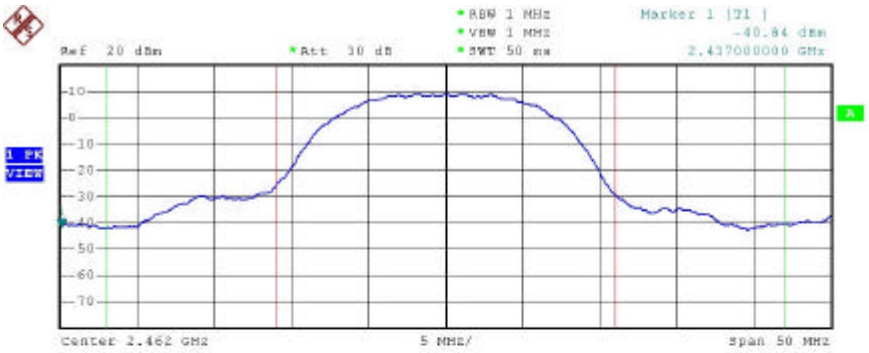
Note: Conducted Power = Reading Value + Cable Loss



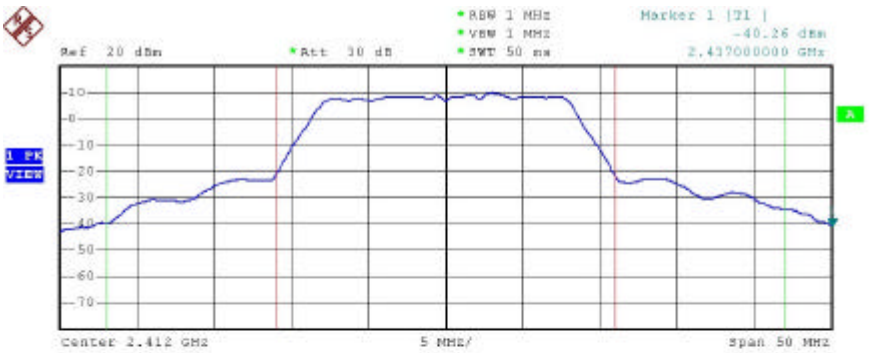
Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	21.26 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-42.95 dB
Spacing	16.5 MHz	Upper	-42.20 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----



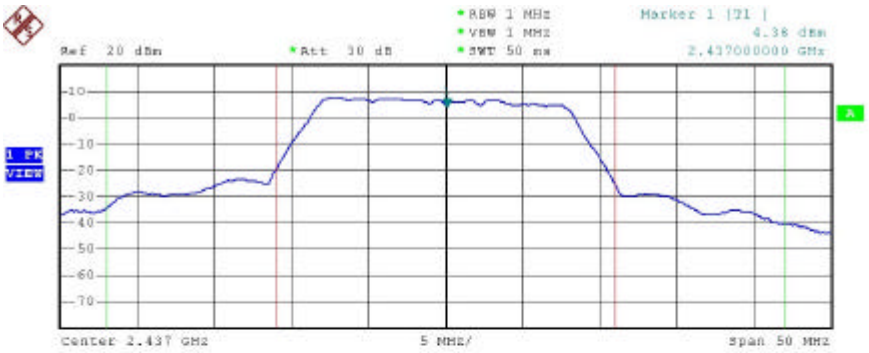
Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	19.71 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-39.93 dB
Spacing	16.5 MHz	Upper	-45.45 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----



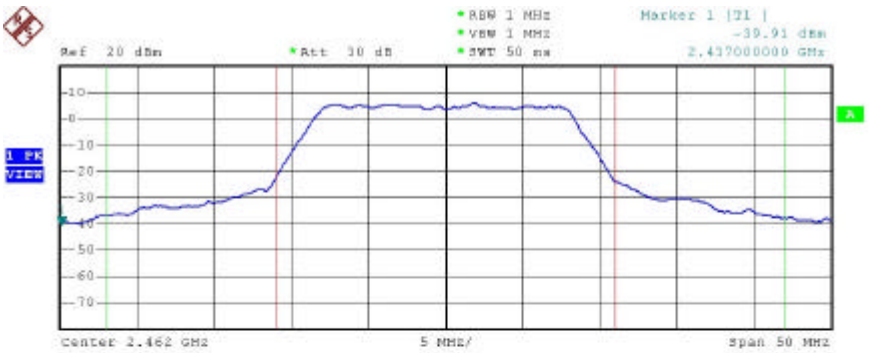
Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	18.05 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-40.19 dB
Spacing	16.5 MHz	Upper	-44.30 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----



Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	19.56 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-36.45 dB
Spacing	16.5 MHz	Upper	-35.92 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----



Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	17.70 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-34.24 dB
Spacing	16.5 MHz	Upper	-40.15 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----



Tx Channel		**WLAN 802.11B**	
Bandwidth	22 MHz	Power	16.06 dBm
Adjacent Channel			
Bandwidth	11 MHz	Lower	-36.97 dB
Spacing	16.5 MHz	Upper	-36.81 dB
Alternate Channel			
Bandwidth	11 MHz	Lower	-----
Spacing	27.5 MHz	Upper	-----

4.6. Band Edges Measurement Data

(1) Modulation Standard: IEEE 802.11b

Test Date: Jul. 12, 2004 Temperature: 24℃ Humidity: 58%

a) Lower Band Edge: maximum value is -20.82 dBm that is attenuated more than 20dB

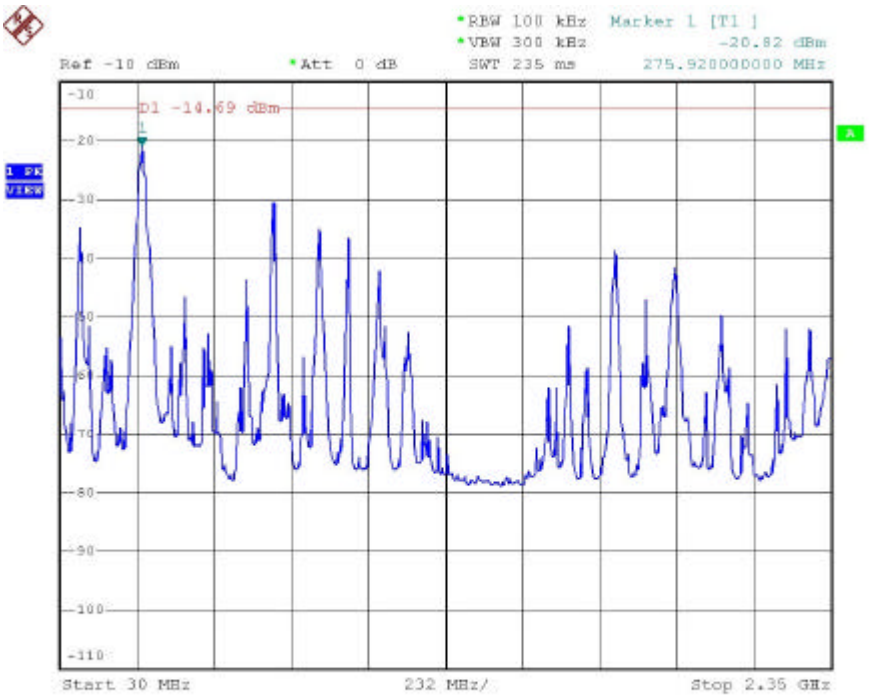
b) Upper Band Edge: maximum value is -23.38 dBm that is attenuated more than 20dB

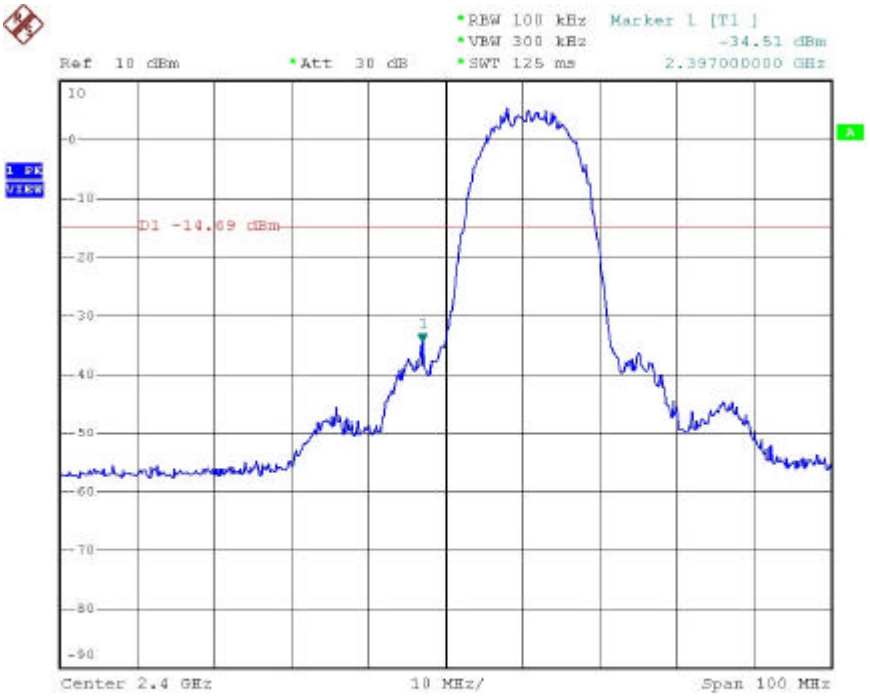
(2) Modulation Standard: IEEE 802.11g

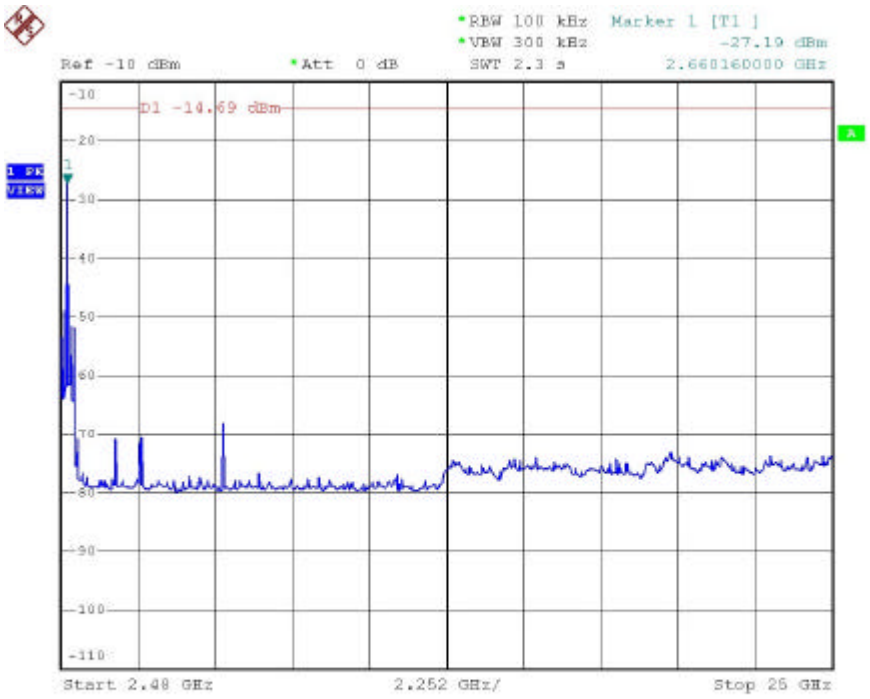
Test Date: Jul. 12, 2004 Temperature: 24℃ Humidity: 58%

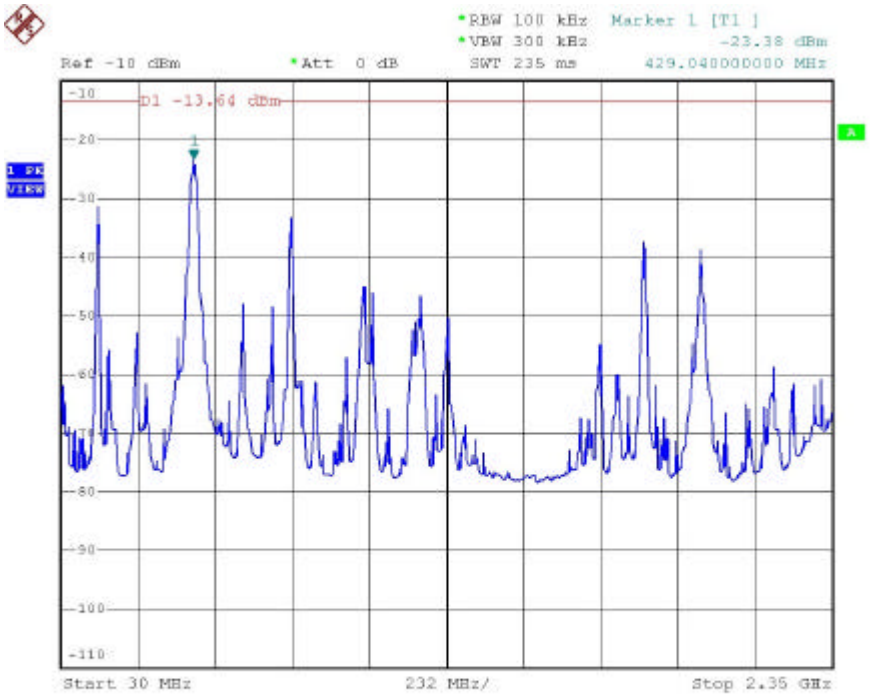
a) Lower Band Edge: maximum value is -24.31 dBm that is attenuated more than 20dB

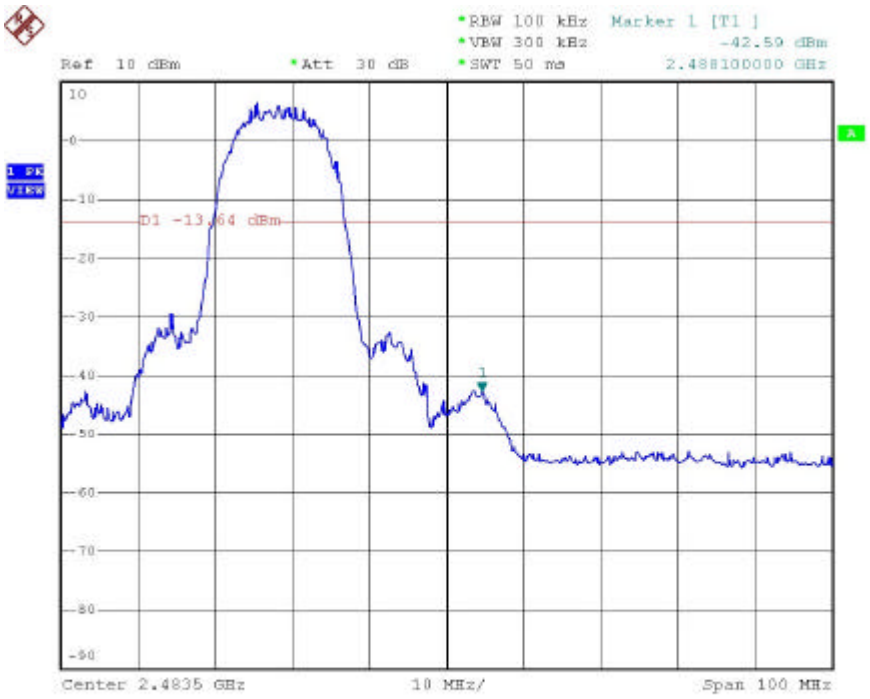
b) Upper Band Edge: maximum value is -22.32 dBm that is attenuated more than 20dB

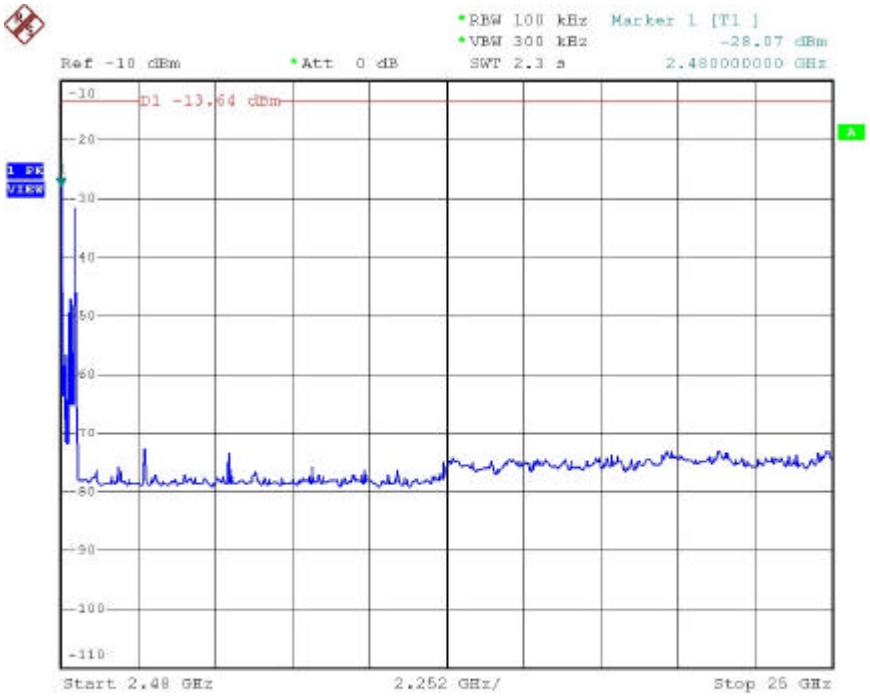

RBW 100 kHz
VBW 300 kHz
SWT 235 ms
Marker 1 [T1]
-20.82 dBm
275.920000000 MHz
Ref -10 dBm
Att 0 dB
D1 -14.69 dBm
Start 30 MHz
232 MHz/
Stop 2.35 GHz

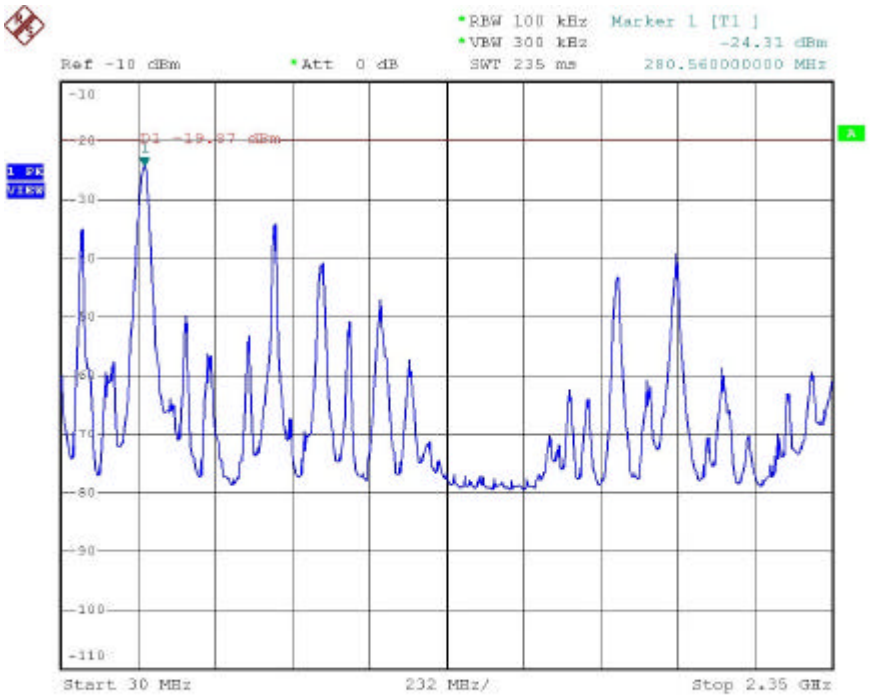

RBW 100 kHz
VBW 300 kHz
SWT 125 ms
Marker 1 [T1]
-34.51 dBm
2.397000000 GHz
Ref 10 dBm
Att 30 dB
D1 -14.69 dBm
Center 2.4 GHz
10 MHz/
Span 100 MHz

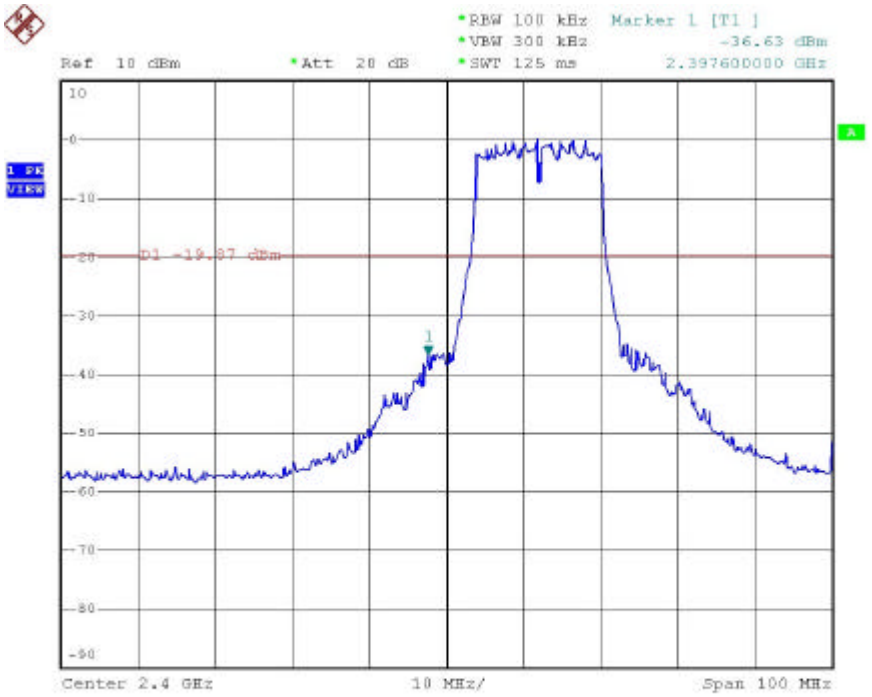

RBW 100 kHz
VBW 300 kHz
SWT 2.3 s
Marker 1 [T1]
-27.19 dBm
2.660160000 GHz
Ref -10 dBm
Att 0 dB
D1 -14.69 dBm
Start 2.48 GHz
2.252 GHz/
Stop 25 GHz

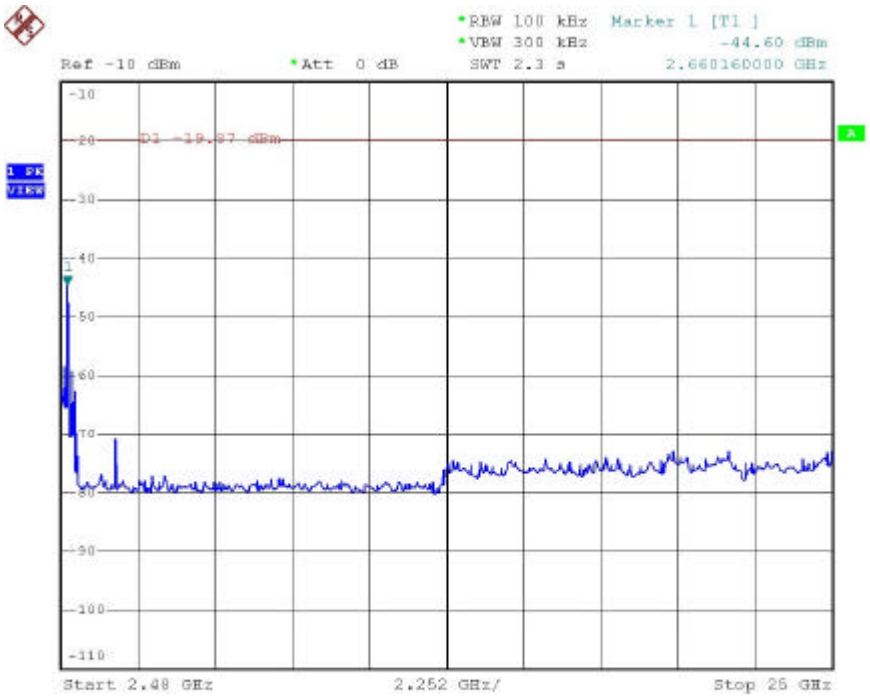

RBW 100 kHz
VBW 300 kHz
SWT 235 ms
Marker 1 [T1]
-23.38 dBm
429.040000000 MHz
Ref -10 dBm
Att 0 dB
D1 -13.64 dBm
Start 30 MHz
232 MHz/
Stop 2.35 GHz

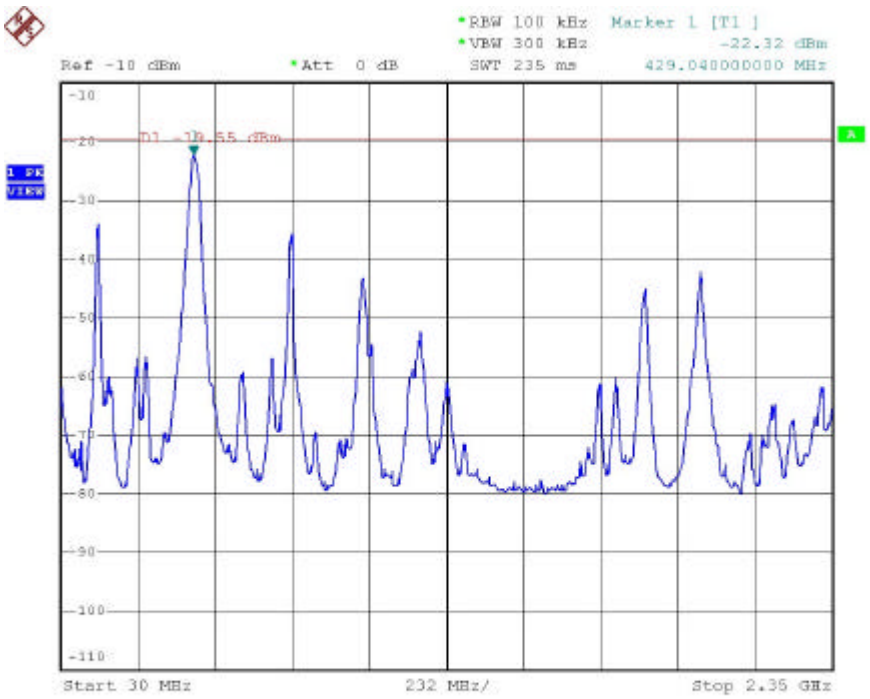

RBW 100 kHz
VBW 300 kHz
SWT 50 ms
Marker 1 [T1]
-42.59 dBm
2.488100000 GHz
Ref 10 dBm
Att 30 dB
D1 -13.64 dBm
Center 2.4835 GHz
10 MHz/
Span 100 MHz

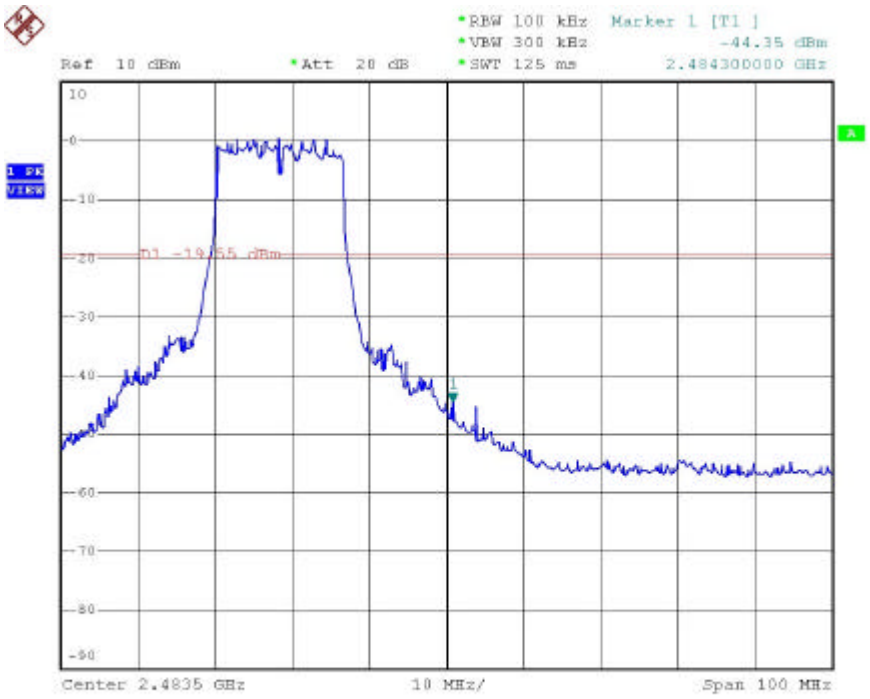

RBW 100 kHz
VBW 300 kHz
SWT 2.3 s
Marker 1 [T1]
-28.07 dBm
2.480000000 GHz
Ref -10 dBm
Att 0 dB
D1 -13.64 dBm
Start 2.48 GHz
2.252 GHz/
Stop 25 GHz

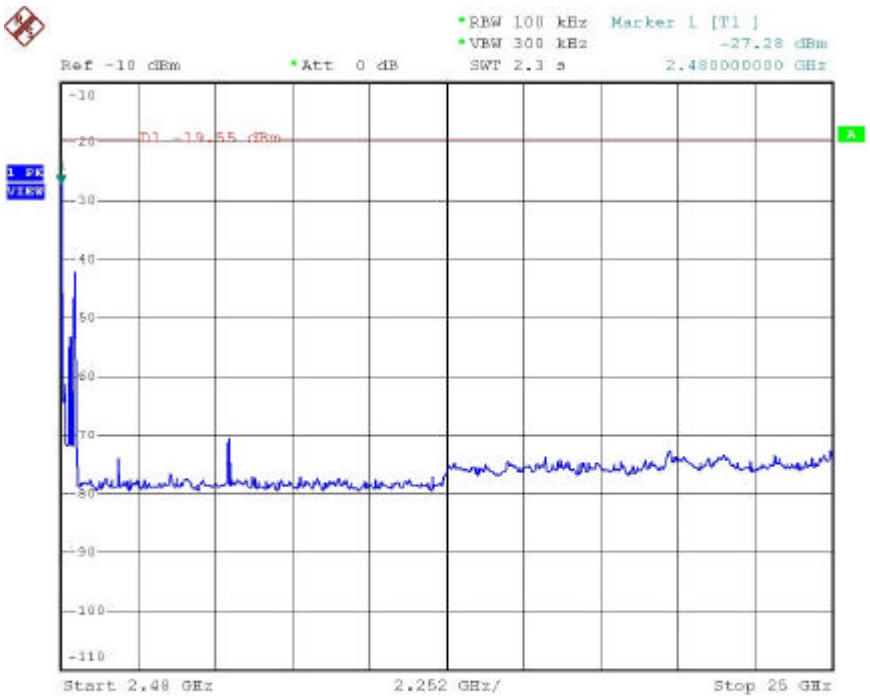

RBW 100 kHz
VBW 300 kHz
SWT 235 ms
Marker 1 [T1]
-24.31 dBm
280.560000000 MHz
Ref -10 dBm
Att 0 dB
D1 -19.87 dBm
Start 30 MHz
232 MHz/
Stop 2.35 GHz


RBW 100 kHz
VBW 300 kHz
SWT 125 ms
Marker 1 [T1]
-36.63 dBm
2.397600000 GHz
Ref 10 dBm
Att 20 dB
D1 -19.87 dBm
Center 2.4 GHz
10 MHz/
Span 100 MHz


RBW 100 kHz
VBW 300 kHz
SWT 2.3 s
Marker 1 [T1]
-44.60 dBm
2.660160000 GHz
Ref -10 dBm
Att 0 dB
D1 -19.87 dBm
Start 2.48 GHz
2.252 GHz/
Stop 25 GHz


RBW 100 kHz
VBW 300 kHz
SWT 235 ms
Marker 1 [T1]
-22.32 dBm
429.040000000 MHz
Ref -10 dBm
Att 0 dB
D1 -19.55 dBm
Start 30 MHz
232 MHz/
Stop 2.35 GHz


RBW 100 kHz
VBW 300 kHz
SWT 125 ms
Marker 1 [T1]
-44.35 dBm
2.484300000 GHz
Ref 10 dBm
Att 20 dB
D1 -19.55 dBm
Center 2.4835 GHz
10 MHz/
Span 100 MHz


RBW 100 kHz
VBW 300 kHz
SWT 2.3 s
Marker 1 [T1]
-27.28 dBm
2.480000000 GHz
Ref -10 dBm
Att 0 dB
D1 -19.55 dBm
Start 2.48 GHz
2.252 GHz/
Stop 25 GHz

4.6.1. Note on Band edge Emission

Modulation Standard: IEEE 802.11b

Test Date: Jul. 12, 2004 Temperature: 24 ℃ Humidity: 58%

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.			
2346.720	35.05	H	Peak	74	54	-38.95	270	1.5
2346.720	---	H	Ave.	74	54	---	---	---
2343.456	32.59	V	Peak	74	54	-41.41	180	1.5
2343.456	---	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.			
2486.928	39.66	H	Peak	74	54	-34.34	270	1.5
2486.928	---	H	Ave.	74	54	---	---	---
2486.928	33.67	V	Peak	74	54	-40.33	180	1.5
2486.928	---	V	Ave.	74	54	---	---	---

Modulation Standard: IEEE 802.11g

Test Date: Jul. 12, 2004 Temperature: 24 ℃ Humidity: 58%

a) Channel 1

Fundamental Frequency: 2412 MHz

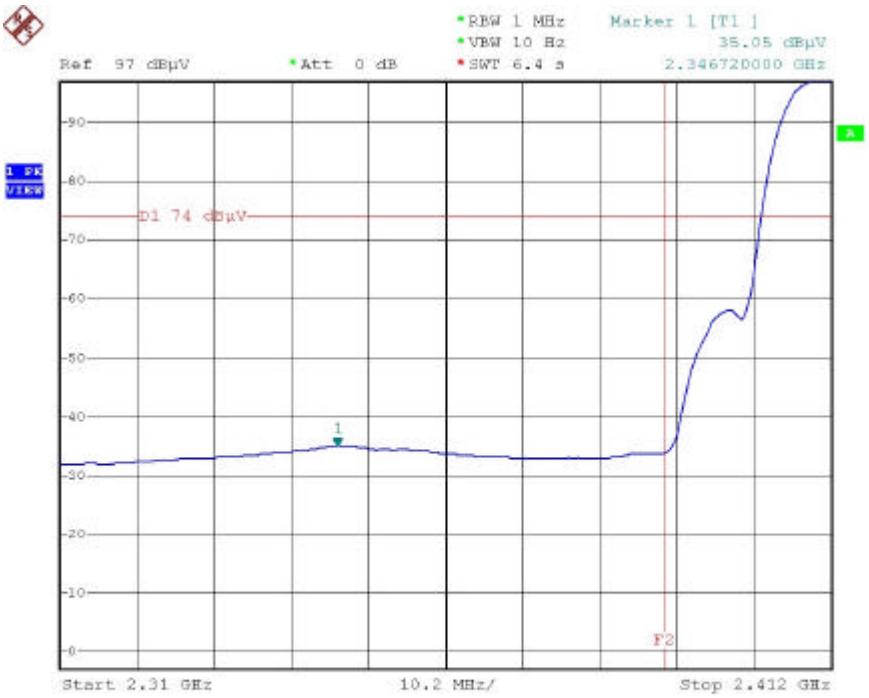
Frequency (MHz)	Level (dBuV)	polarization	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table Deg. (Deg.)	Ant High (m)
				Peak	Ave.			
2389.968	41.67	H	Peak	74	54	-32.33	270	1.5
2389.968	---	H	Ave.	74	54	---	---	---
2343.660	32.62	V	Peak	74	54	-41.38	180	1.5
2343.660	---	V	Ave.	74	54	---	---	---

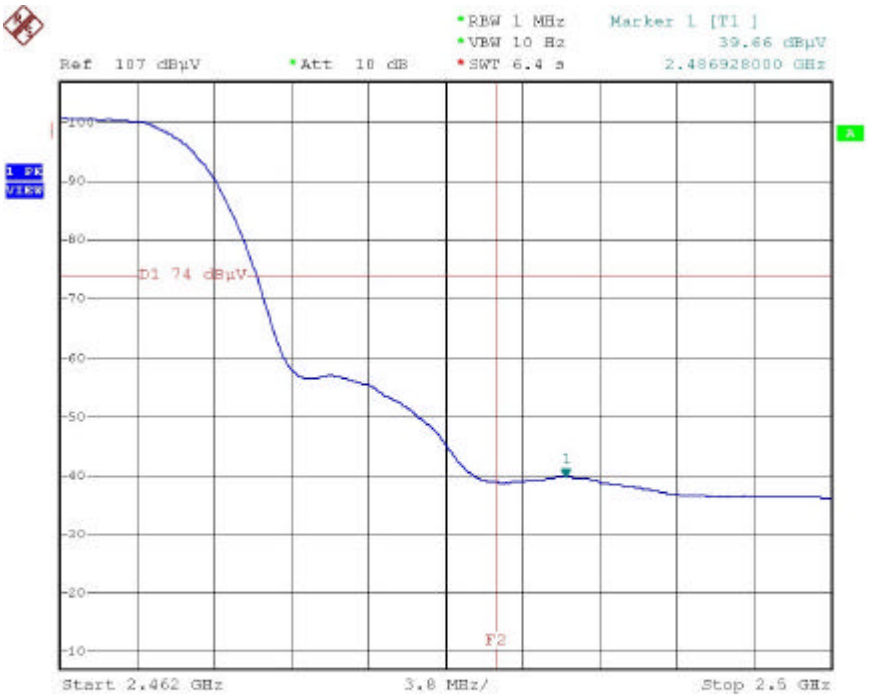
b) Channel 11

Fundamental Frequency: 2462 MHz

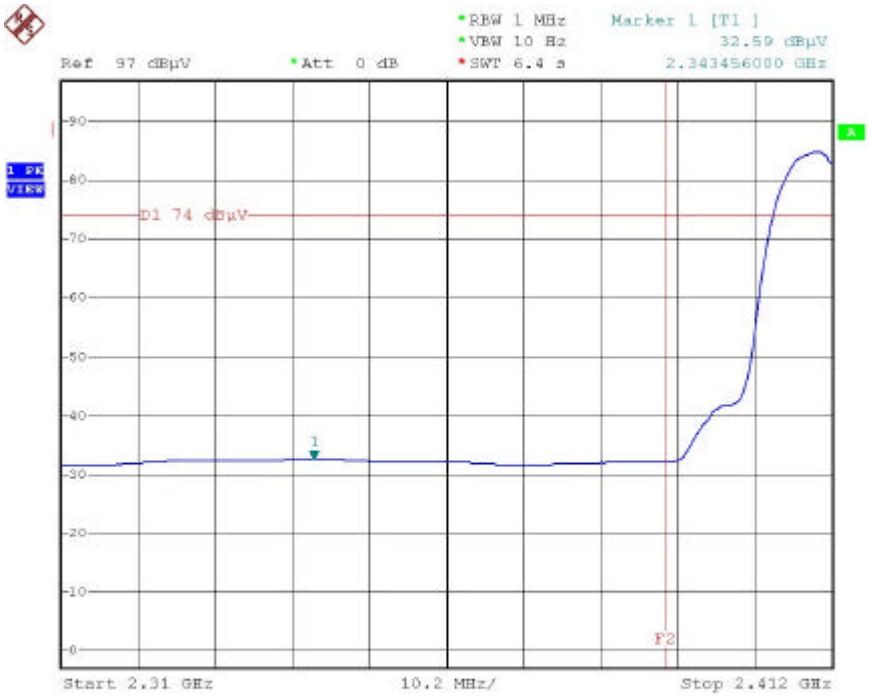
Frequency (MHz)	Level (dBuV)	polarization	Remark	Limit@3m (dBuV/m)		Margin (dB)	Table Deg. (Deg.)	Ant High (m)
				Peak	Ave.			
2483.584	44.71	H	Peak	74	54	-29.29	270	1.5
2483.584	---	H	Ave.	74	54	---	---	---
2483.584	33.01	V	Peak	74	54	-40.99	180	1.5
2483.584	---	V	Ave.	74	54	---	---	---

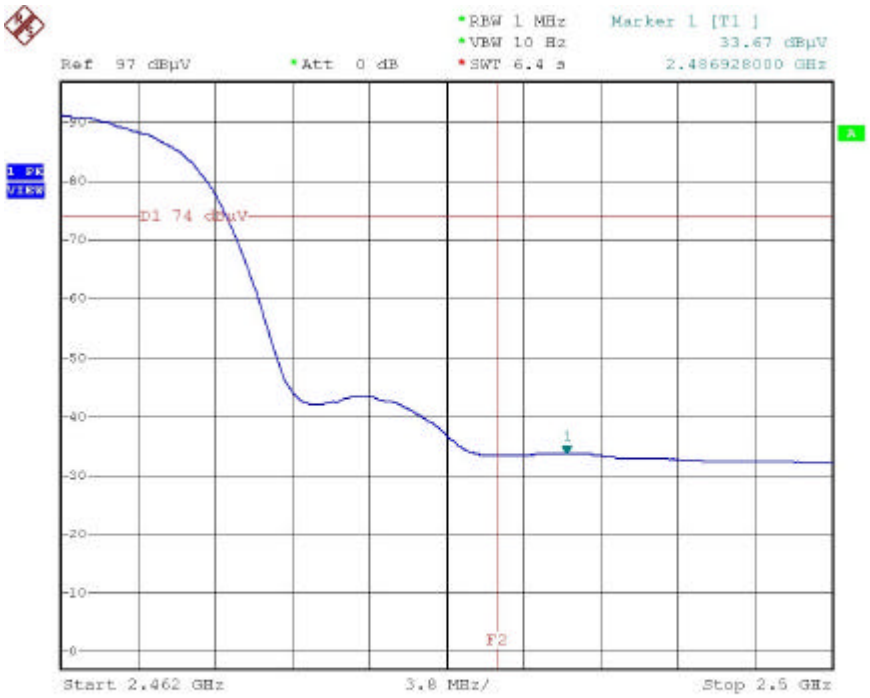
Modulation Standard: IEEE 802.11b
Pol/Phase: Horizontal



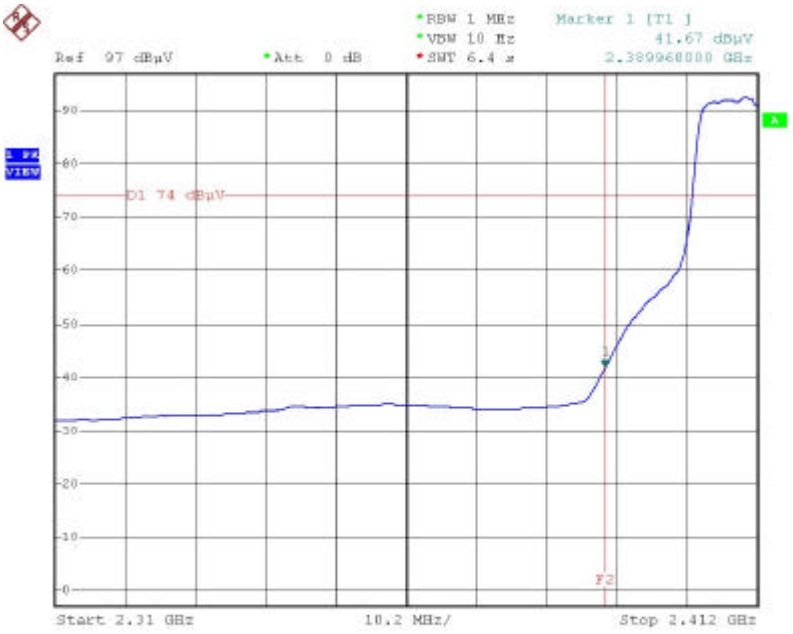


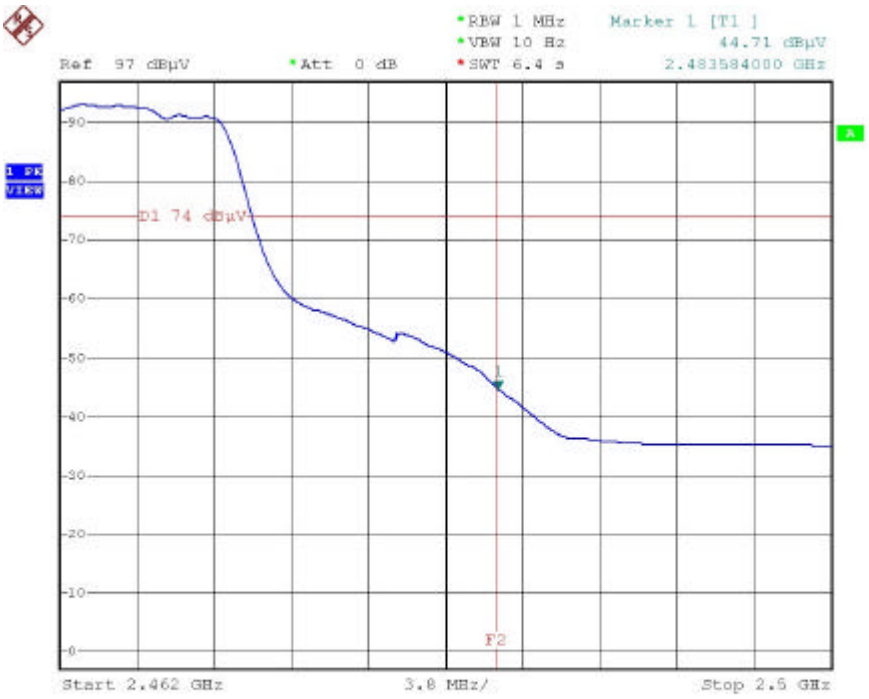
Modulation Standard: IEEE 802.11b
Pol/Phase: Vertical





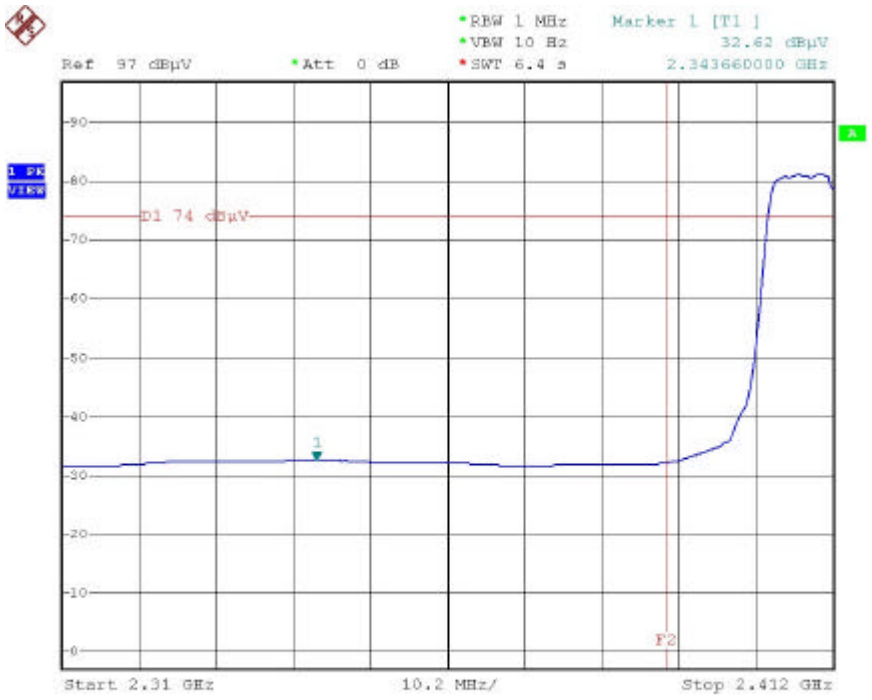
Modulation Standard: IEEE 802.11g
Pol/Phase: Horizontal

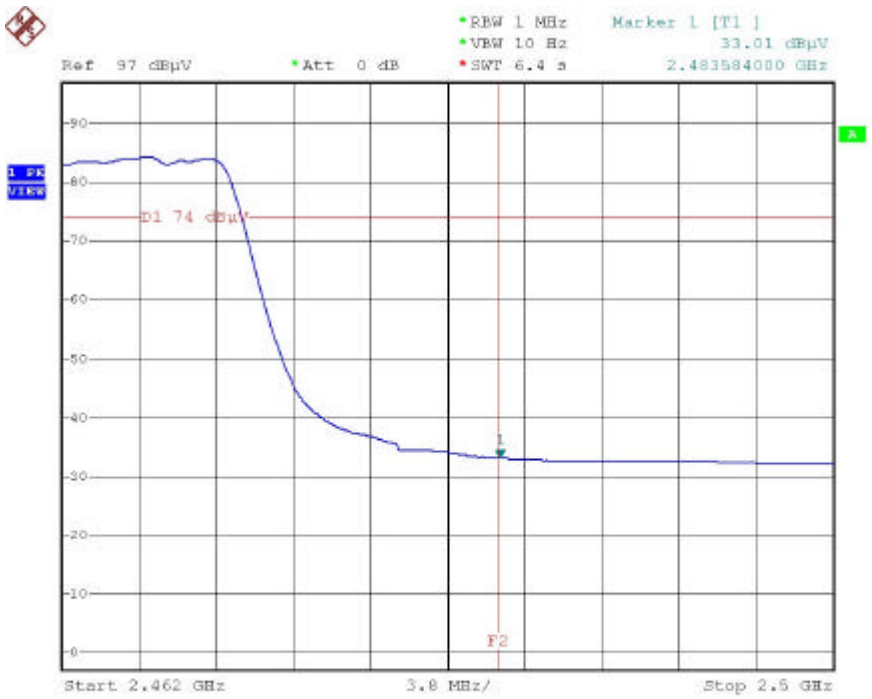




Modulation Standard: IEEE 802.11g

Pol/Phase: Vertical





4.7. Power Spectral Density Measurement Data

(1) Modulation Standard: IEEE 802.11b

Test Date: Jul. 12, 2004 Temperature: 24℃ Humidity: 58%

a) Channel 01: Maximum Power Density of 3 kHz Bandwidth is -10.66 dBm

b) Channel 06: Maximum Power Density of 3 kHz Bandwidth is -12.45 dBm

c) Channel 11: Maximum Power Density of 3 kHz Bandwidth is -13.76 dBm

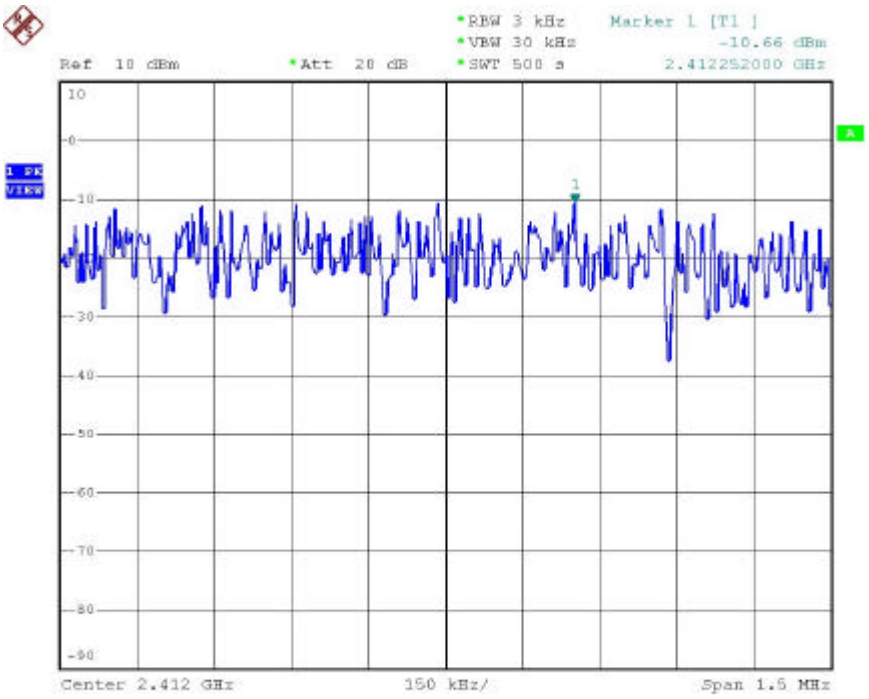
(2) Modulation Standard: IEEE 802.11g

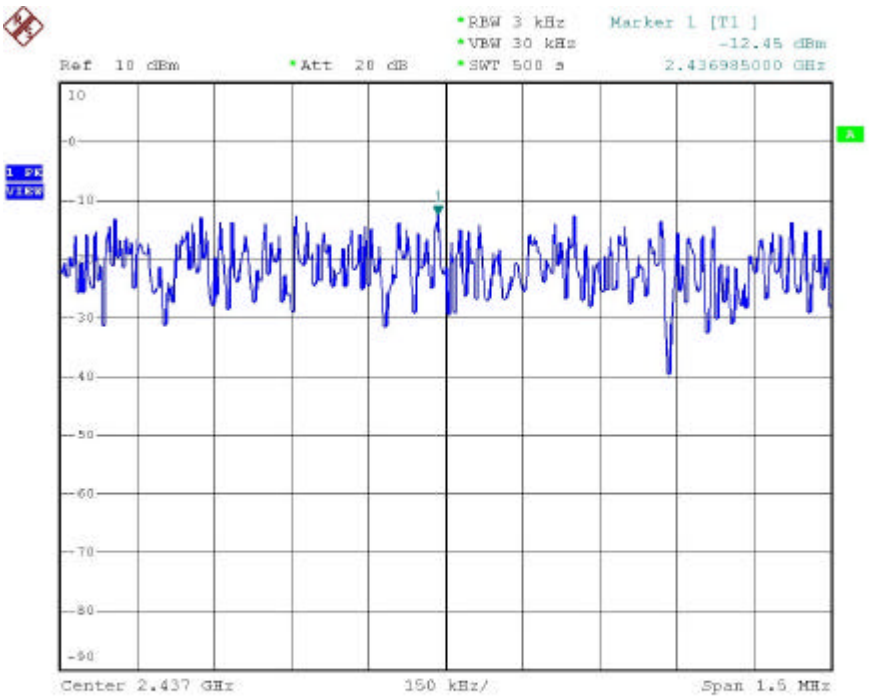
Test Date: Jul. 12, 2004 Temperature: 24℃ Humidity: 58%

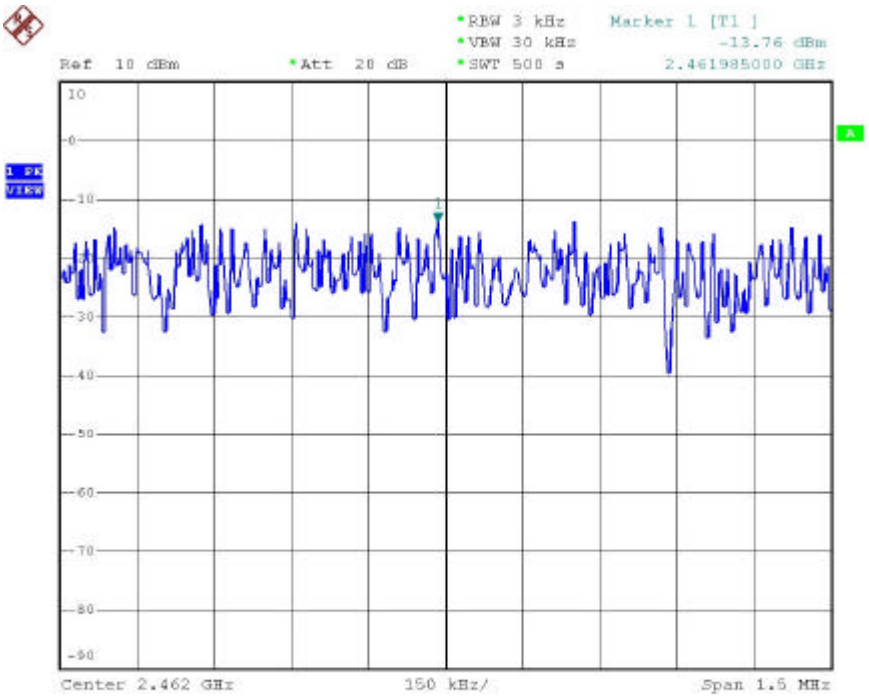
a) Channel 01: Maximum Power Density of 3 kHz Bandwidth is -13.65 dBm

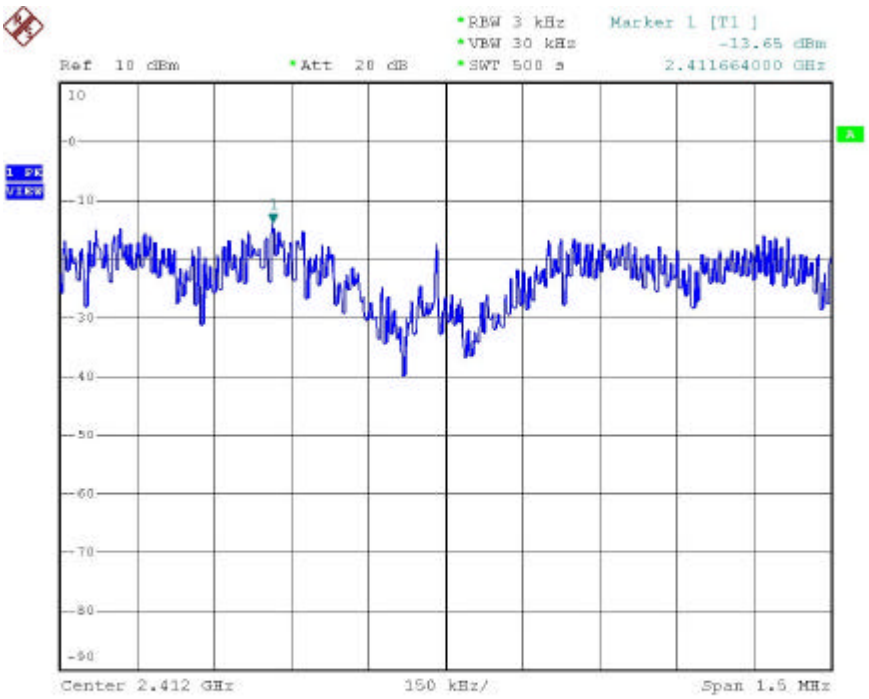
b) Channel 06: Maximum Power Density of 3 kHz Bandwidth is -15.14 dBm

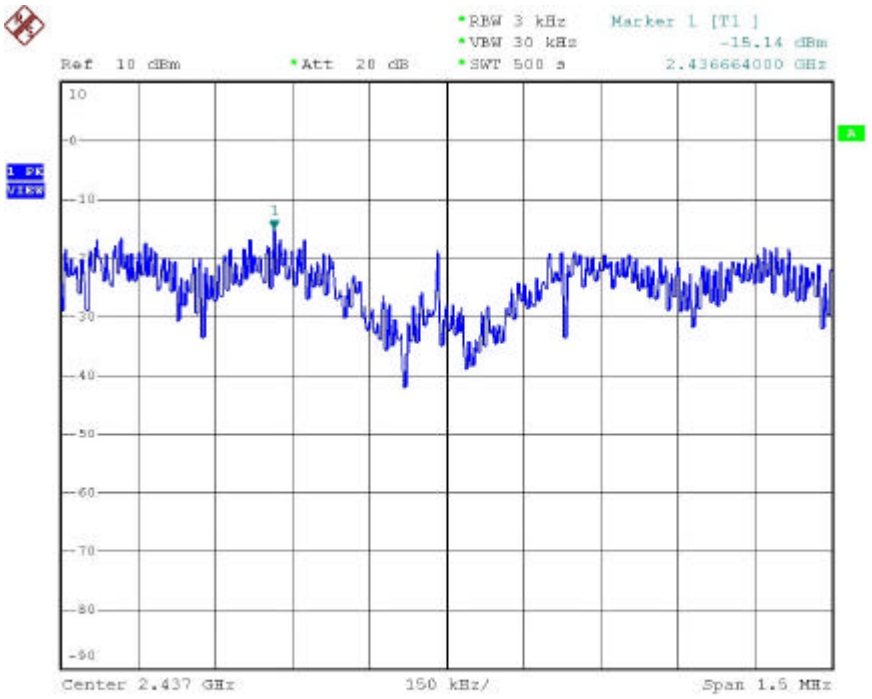
c) Channel 11: Maximum Power Density of 3 kHz Bandwidth is -16.64 dBm

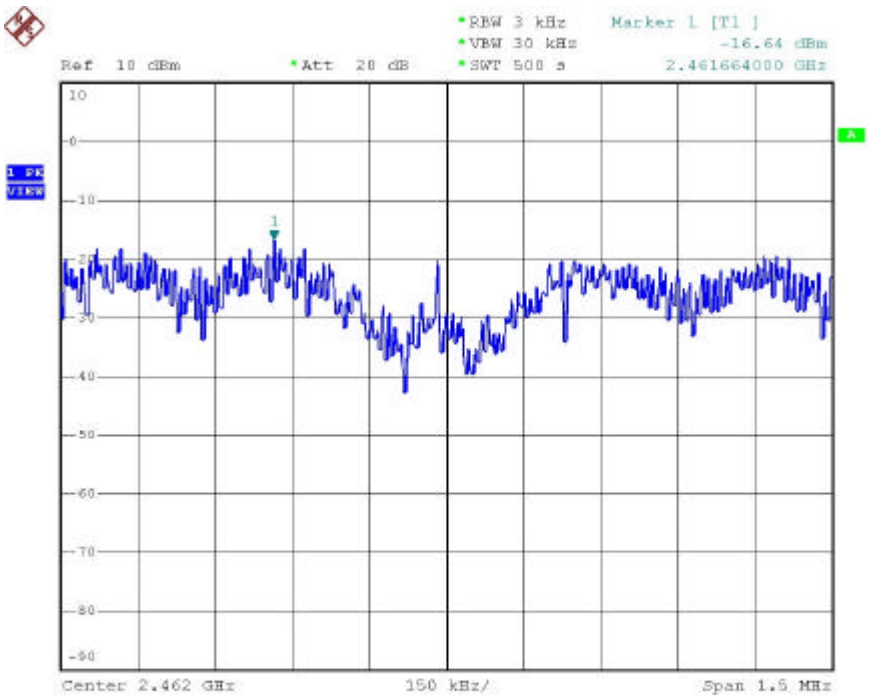

RBW 3 kHz
VBW 30 kHz
SWT 500 s
Marker 1 [T1]
-10.66 dBm
2.412252000 GHz
Ref 10 dBm
Att 20 dB
1 PK VIEW
Center 2.412 GHz
150 kHz/
Span 1.5 MHz


RBW 3 kHz
VBW 30 kHz
SWT 500 s
Marker 1 [T1]
-12.45 dBm
2.436985000 GHz
Ref 10 dBm
Att 20 dB
1 PK VIEW
Center 2.437 GHz
150 kHz/
Span 1.5 MHz


RBW 3 kHz
VBW 30 kHz
SWT 500 s
Marker 1 [T1]
-13.76 dBm
2.461985000 GHz
Ref 10 dBm
Att 20 dB
10
0
-10
-30
-40
-50
-60
-70
-80
-90
Center 2.462 GHz
150 kHz/
Span 1.5 MHz


RBW 3 kHz
VBW 30 kHz
SWT 500 s
Marker 1 [T1]
-13.65 dBm
2.411664000 GHz
Ref 10 dBm
Att 20 dB
10
0
-10
-30
-40
-50
-60
-70
-80
-90
Center 2.412 GHz
150 kHz/
Span 1.5 MHz


RBW 3 kHz
VBW 30 kHz
SWT 500 s
Marker 1 [T1]
-15.14 dBm
2.436664000 GHz
Ref 10 dBm
Att 20 dB
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
1 PK
VIEW
A
Center 2.437 GHz
150 kHz/
Span 1.5 MHz


RBW 3 kHz
VBW 30 kHz
SWT 500 s
Marker 1 [T1]
-16.64 dBm
2.461664000 GHz
Ref 10 dBm
Att 20 dB
10
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
1 PK
VIEW
A
Center 2.462 GHz
150 kHz/
Span 1.5 MHz

4.8. Test Result of RF Exposure Evaluation

Product : 54 Mbps Wireless PC Card
Test Item : RF Exposure Evaluation Data
Test site : OATS-SD
Test Mode : Normal Operating

4.8.1. Antenna Gain

The maximum Gain is 0 dBi.

4.8.2. EUT Operation condition

Software provided by client enabled the EUT to transmit and receive data at lowest, middle and highest channel individually.

4.8.3. Output Power into Antenna & RF Exposure Evaluation Distance

Modulation Standard: IEEE 802.11b

Test Date: Jul. 12, 2004 Temperature: 24℃ Humidity: 58%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Minimum allowable Distance ®From Skin (cm)
01	2412	21.26	3.265
06	2437	19.71	2.735
11	2462	18.05	2.257

Modulation Standard: IEEE 802.11g

Test Date: Jul. 12, 2004 Temperature: 24℃ Humidity: 58%

Channel	Channel Frequency (MHz)	Output Power to Antenna (dBm)	Minimum allowable Distance ®From Skin (cm)
01	2412	19.56	2.676
06	2437	17.70	2.167
11	2462	16.06	1.784

The distance r (4th column) calculated from the Friis transmission formula is far shorter than 20 cm separation requirement. So, RF exposure limit warning or SAR test are not required.

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	2944A10593	2004/10/09
7	Amplifier	8447D	Agilent	2944A10531	2005/06/30
8	Series Power Meter	E4416A	Agilent	GB41292146	2004/11/05
9	Power Sensor	E9327A	Agilent	US40441392	2004/10/06
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