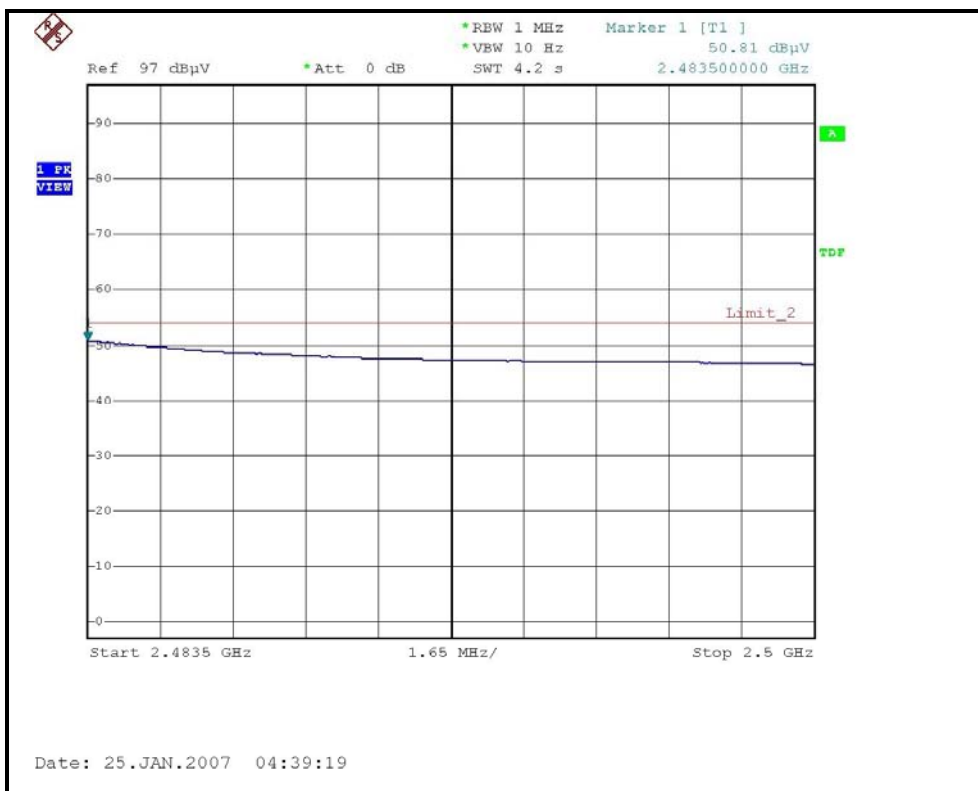
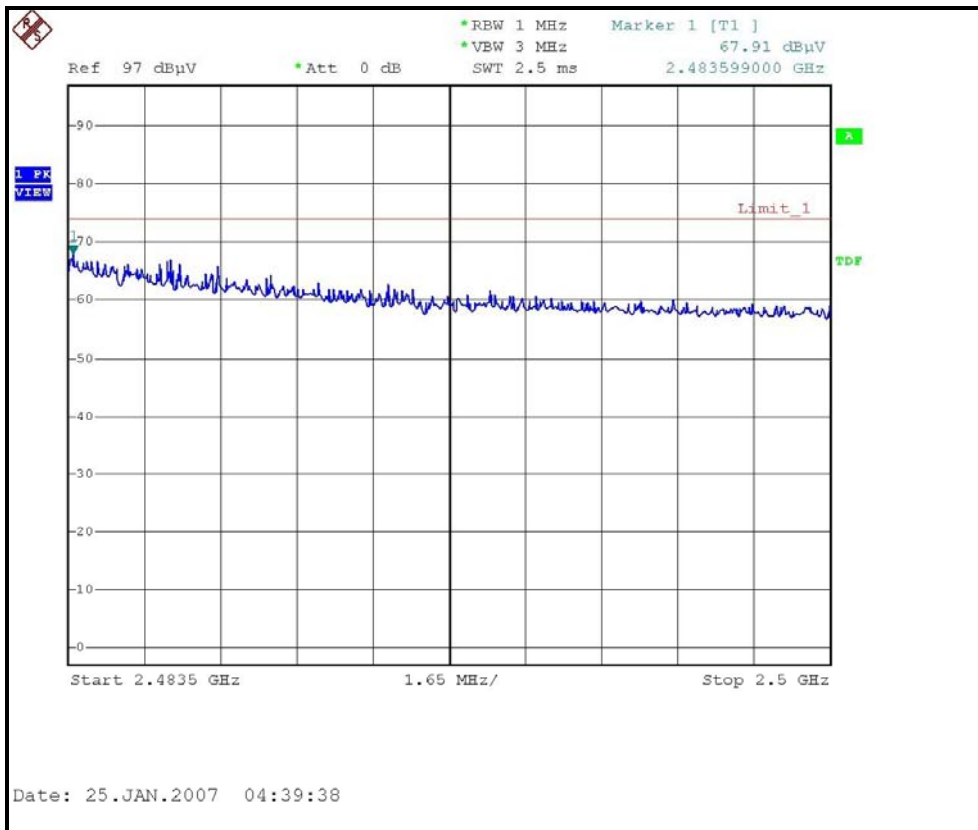


RESTRICTED BANDEDGE (802.11g MODE, CH11, VERTICAL )



### 802.11g Turbo OFDM modulation

<b>MODE</b>	Channel 6	<b>FREQUENCY RANGE</b>	1000~25000MHz
<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz	<b>DETECTOR FUNCTION &amp; BANDWIDTH</b>	Peak (PK) Average (AV) 1 MHz
<b>ENVIRONMENTAL CONDITIONS</b>	18 deg. C, 68%RH, 965hPa	<b>TESTED BY</b>	Rex Huang

#### ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

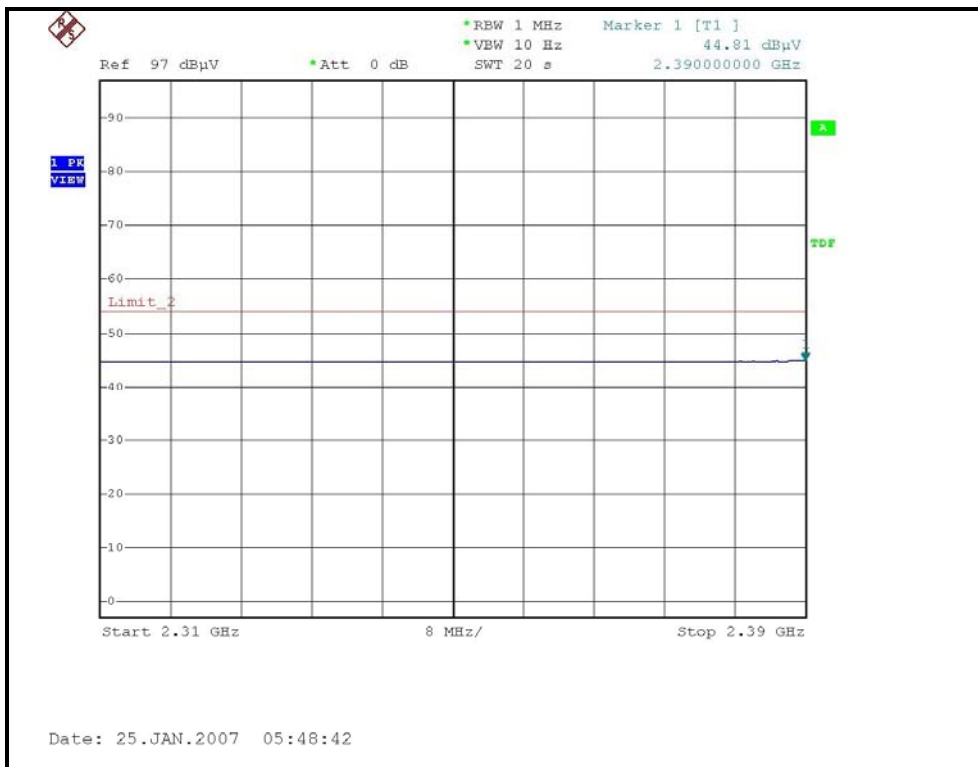
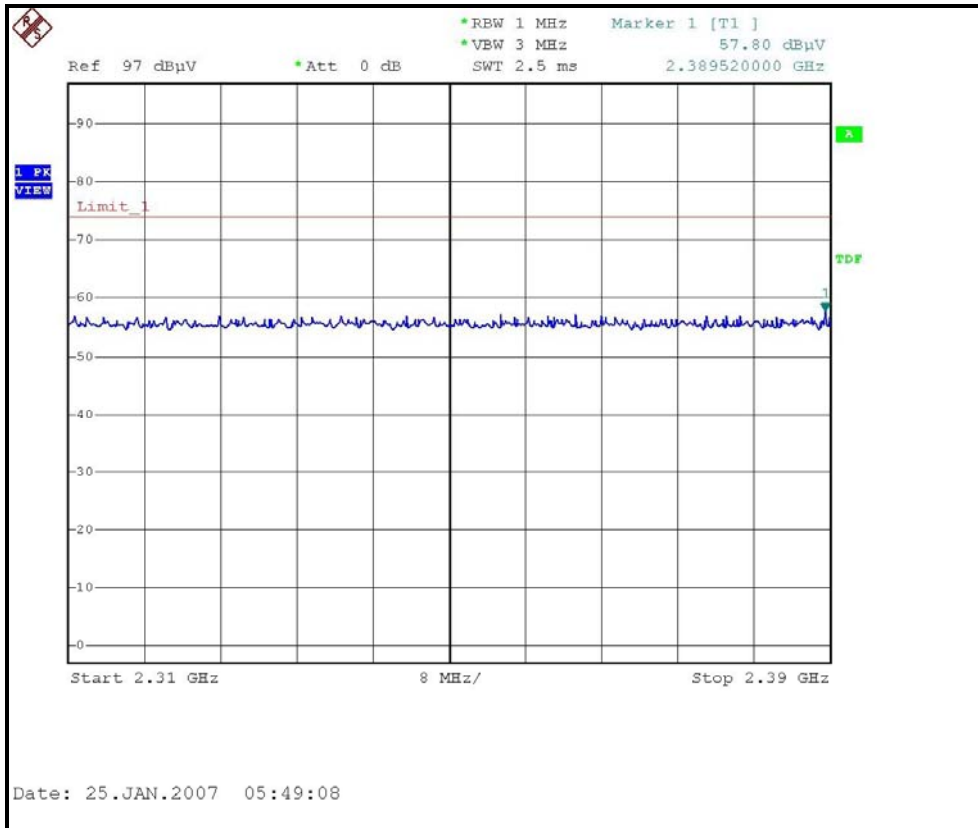
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	57.80 PK	74.00	-16.20	1.86 H	181	25.90	31.90
1	2390.00	44.80 AV	54.00	-9.20	1.86 H	181	12.90	31.90
2	*2437.00	90.90 PK			1.86 H	181	58.80	32.10
2	*2437.00	80.80 AV			1.86 H	181	48.70	32.10
3	2483.50	56.90 PK	74.00	-17.10	1.86 H	181	24.60	32.30
3	2483.50	45.10 AV	54.00	-8.90	1.86 H	181	12.80	32.30
4	3249.00	49.00 PK	70.90	-21.90	1.00 H	346	15.80	33.20
4	3249.00	42.90 AV	60.80	-17.90	1.00 H	346	9.70	33.20
5	4874.00	48.60 PK	74.00	-25.40	1.32 H	345	12.50	36.10
5	4874.00	33.90 AV	54.00	-20.10	1.32 H	345	-2.20	36.10
6	7311.00	52.30 PK	74.00	-21.70	1.07 H	319	9.80	42.50
6	7311.00	38.40 AV	54.00	-15.60	1.07 H	319	-4.10	42.50

#### ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

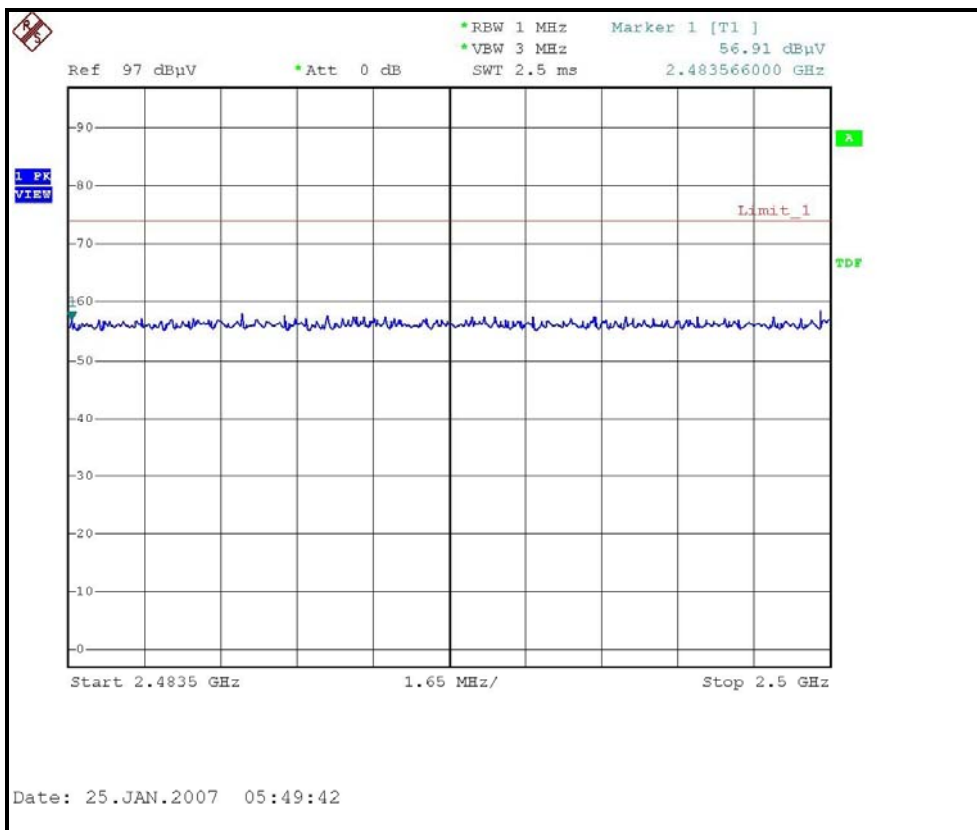
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	63.50 PK	74.00	-10.50	1.22 V	179	31.60	31.90
1	2390.00	49.40 AV	54.00	-4.60	1.22 V	179	17.50	31.90
2	*2437.00	109.90 PK			1.22 V	179	77.80	32.10
2	*2437.00	98.60 AV			1.22 V	179	66.50	32.10
3	2483.50	68.80 PK	74.00	-5.20	1.22 V	179	36.50	32.30
3	2483.50	51.30 AV	54.00	-2.70	1.22 V	179	19.00	32.30
4	3249.00	54.30 PK	89.90	-35.60	1.00 V	71	21.10	33.20
4	3249.00	50.90 AV	78.60	-27.70	1.00 V	71	17.70	33.20
5	4874.00	48.70 PK	74.00	-25.30	1.15 V	189	12.60	36.10
5	4874.00	34.20 AV	54.00	-19.80	1.15 V	189	-1.90	36.10
6	7311.00	52.80 PK	74.00	-21.20	1.30 V	313	10.30	42.50
6	7311.00	39.00 AV	54.00	-15.00	1.30 V	313	-3.50	42.50

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
  2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
  3. The other emission levels were very low against the limit.
  4. Margin value = Emission level – Limit value.
  5. The limit value is defined as per 15.247
  6. “ \* “ : Fundamental frequency

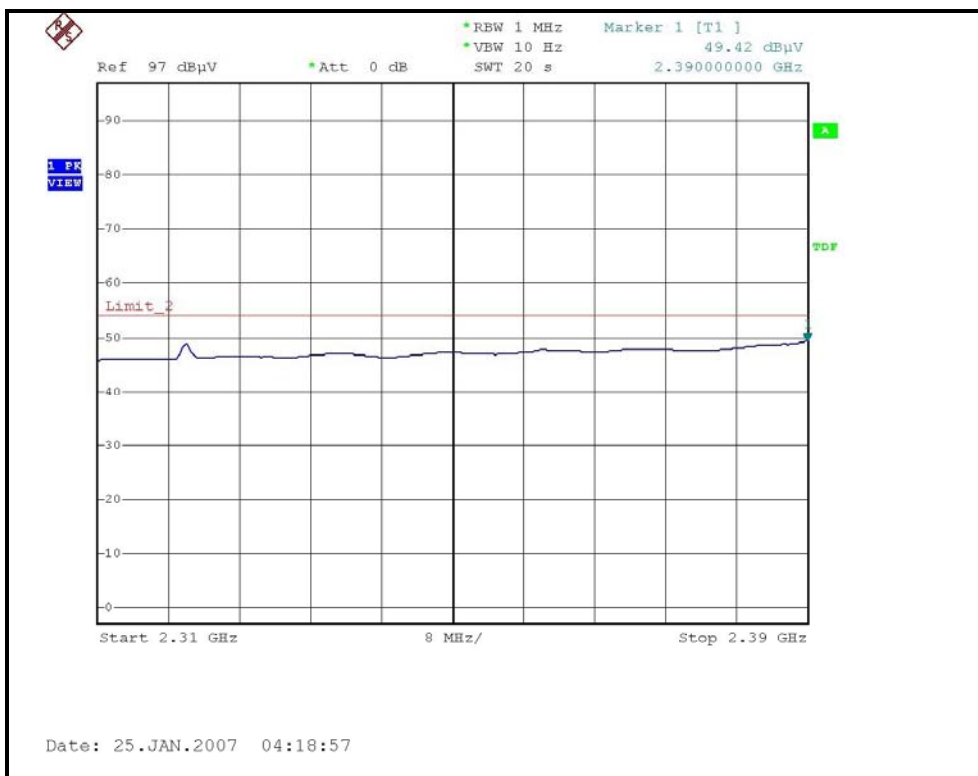
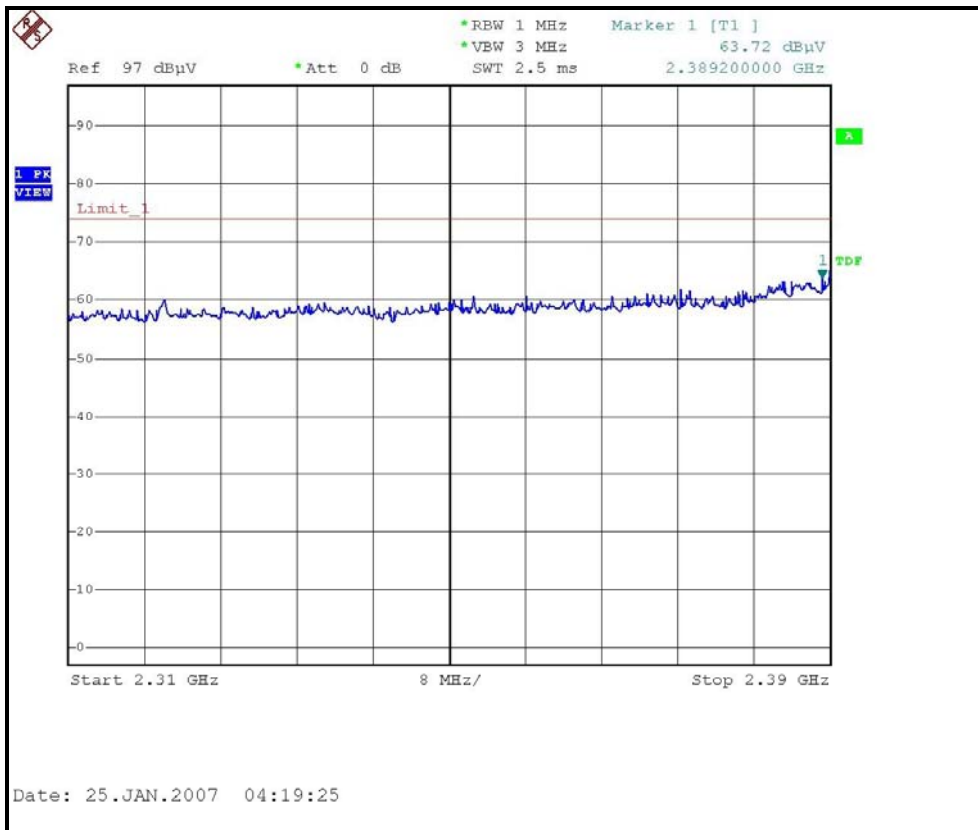
RESTRICTED BANDEDGE (802.11g MODE,CH6, HORIZONTAL )



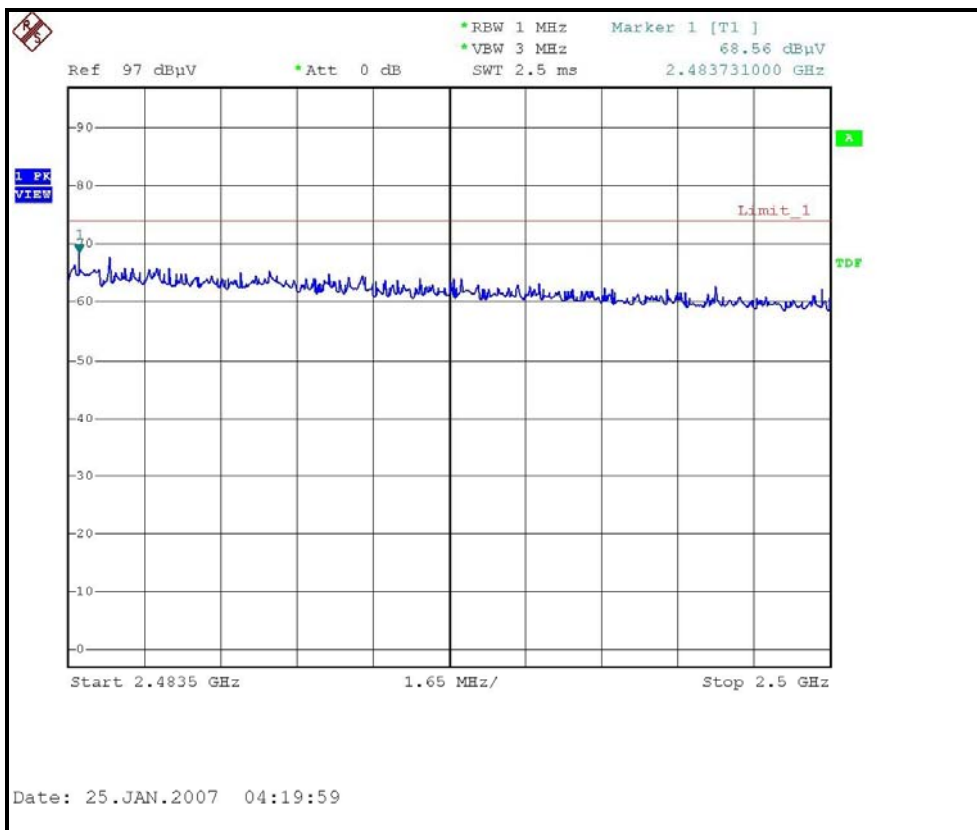
### RESTRICTED BANDEDGE (802.11g MODE, CH6, HORIZONTAL )



RESTRICTED BANDEDGE (802.11g MODE,CH6, VERTICAL )



RESTRICTED BANDEDGE (802.11g MODE,CH6, VERTICAL )



#### 4.2.8 TEST RESULTS (Antenna 6)

##### Below 1GHz Worst-Case Data (Normal mode)

<b>MODULATION TYPE</b>	BPSK	<b>CHANNEL</b>	Channel 6
<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz	<b>FREQUENCY RANGE</b>	30-1000 MHz
<b>ENVIRONMENTAL CONDITIONS</b>	17deg. C, 60%RH, 965hPa	<b>TRANSFER RATE</b>	6Mbps
<b>TESTED BY</b>	Rex Huang	<b>DETECTOR FUNCTION</b>	Quasi-Peak, 120kHz

<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	124.97	30.50 QP	43.50	-13.00	2.07 H	298	18.20	12.30
2	250.03	26.90 QP	46.00	-19.10	1.66 H	334	13.10	13.80
3	500.09	29.60 QP	46.00	-16.40	1.57 H	88	9.30	20.40
4	624.94	33.30 QP	46.00	-12.70	1.44 H	182	10.80	22.50
5	750.10	34.30 QP	46.00	-11.70	1.24 H	290	9.90	24.30
6	875.02	35.60 QP	46.00	-10.40	1.14 H	215	10.30	25.30

<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	124.98	33.90 QP	43.50	-9.60	1.00 V	129	21.60	12.30
2	250.07	26.50 QP	46.00	-19.50	1.00 V	241	12.70	13.80
3	500.02	29.80 QP	46.00	-16.20	1.00 V	302	9.50	20.40
4	624.92	31.80 QP	46.00	-14.20	1.47 V	345	9.30	22.50
5	750.04	34.60 QP	46.00	-11.40	1.24 V	307	10.20	24.30
6	874.94	34.20 QP	46.00	-11.80	1.12 V	248	9.00	25.30

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
  2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
  3. The other emission levels were very low against the limit.
  4. Margin value = Emission level – Limit value.



**Below 1GHz Worst-Case Data (Turbo mode)**

<b>MODULATION TYPE</b>	BPSK	<b>CHANNEL</b>	Channel 6
<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz	<b>FREQUENCY RANGE</b>	30-1000 MHz
<b>ENVIRONMENTAL CONDITIONS</b>	17deg. C, 60%RH, 965hPa	<b>TRANSFER RATE</b>	12Mbps
<b>TESTED BY</b>	Rex Huang	<b>DETECTOR FUNCTION</b>	Quasi-Peak, 120kHz

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	124.93	31.00 QP	43.50	-12.50	2.16 H	140	18.70	12.30
2	250.00	27.50 QP	46.00	-18.50	1.66 H	224	13.70	13.80
3	499.97	30.20 QP	46.00	-15.80	1.40 H	183	9.80	20.40
4	624.97	34.00 QP	46.00	-12.00	1.68 H	157	11.40	22.50
5	750.03	34.80 QP	46.00	-11.20	1.17 H	233	10.50	24.30
6	874.95	35.80 QP	46.00	-10.20	1.08 H	299	10.60	25.30

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	124.92	33.10 QP	43.50	-10.40	1.00 V	113	20.80	12.30
2	249.94	25.60 QP	46.00	-20.40	1.00 V	178	11.80	13.80
3	499.97	31.00 QP	46.00	-15.00	1.00 V	239	10.60	20.40
4	625.08	31.30 QP	46.00	-14.70	1.65 V	319	8.80	22.50
5	750.06	34.10 QP	46.00	-11.90	1.20 V	332	9.80	24.30
6	875.05	34.60 QP	46.00	-11.40	1.05 V	273	9.30	25.30

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
  2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
  3. The other emission levels were very low against the limit.
  4. Margin value = Emission level – Limit value.





#### 4.2.9 TEST RESULTS (Antenna 9)

##### Below 1GHz Worst-Case Data (Normal mode)

<b>MODULATION TYPE</b>	BPSK	<b>CHANNEL</b>	Channel 6
<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz	<b>FREQUENCY RANGE</b>	30-1000 MHz
<b>ENVIRONMENTAL CONDITIONS</b>	19deg. C, 59%RH, 965hPa	<b>TRANSFER RATE</b>	6Mbps
<b>TESTED BY</b>	Tony Chen	<b>DETECTOR FUNCTION</b>	Quasi-Peak, 120kHz

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	200.00	21.90 QP	43.50	-21.60	1.43 H	109	10.70	11.20
2	250.00	24.70 QP	46.00	-21.30	1.20 H	339	10.90	13.80
3	499.99	24.00 QP	46.00	-22.00	1.28 H	58	3.70	20.40
4	624.99	30.40 QP	46.00	-15.60	1.49 H	123	7.90	22.50
5	749.99	29.50 QP	46.00	-16.50	1.24 H	300	5.10	24.30
6	874.99	29.40 QP	46.00	-16.60	1.30 H	102	4.10	25.30

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	125.00	30.80 QP	43.50	-12.70	1.07 V	109	18.50	12.30
2	250.00	25.20 QP	46.00	-20.80	1.00 V	212	11.40	13.80
3	500.00	27.00 QP	46.00	-19.00	1.10 V	126	6.60	20.40
4	624.99	27.90 QP	46.00	-18.10	1.23 V	171	5.30	22.50
5	749.99	30.40 QP	46.00	-15.60	1.00 V	289	6.10	24.30
6	874.99	31.30 QP	46.00	-14.70	1.15 V	177	6.00	25.30

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
  2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
  3. The other emission levels were very low against the limit.
  4. Margin value = Emission level – Limit value.



**Below 1GHz Worst-Case Data (Turbo mode)**

<b>MODULATION TYPE</b>	BPSK	<b>CHANNEL</b>	Channel 6
<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz	<b>FREQUENCY RANGE</b>	30-1000 MHz
<b>ENVIRONMENTAL CONDITIONS</b>	19deg. C, 59%RH, 965hPa	<b>TRANSFER RATE</b>	12Mbps
<b>TESTED BY</b>	Tony Chen	<b>DETECTOR FUNCTION</b>	Quasi-Peak, 120kHz

**ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M**

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	200.00	22.10 QP	43.50	-21.40	1.30 H	0	11.00	11.20
2	250.00	25.10 QP	46.00	-20.90	1.23 H	178	11.30	13.80
3	499.99	24.30 QP	46.00	-21.70	1.05 H	360	3.90	20.40
4	625.00	31.10 QP	46.00	-14.90	1.14 H	258	8.60	22.50
5	749.99	30.40 QP	46.00	-15.60	1.00 H	143	6.10	24.30
6	874.99	29.20 QP	46.00	-16.80	1.08 H	269	3.90	25.30

**ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M**

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	125.00	31.60 QP	43.50	-11.90	1.07 V	223	19.30	12.30
2	250.00	25.70 QP	46.00	-20.30	1.02 V	145	11.90	13.80
3	500.00	27.30 QP	46.00	-18.70	1.23 V	147	6.90	20.40
4	624.99	28.70 QP	46.00	-17.30	1.10 V	10	6.20	22.50
5	749.99	31.10 QP	46.00	-14.90	1.09 V	237	6.80	24.30
6	874.99	31.80 QP	46.00	-14.20	1.10 V	142	6.50	25.30

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
  2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
  3. The other emission levels were very low against the limit.
  4. Margin value = Emission level – Limit value.



### 802.11b DSSS modulation

<b>MODE</b>	Channel 1	<b>FREQUENCY RANGE</b>	1000~25000MHz
<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz	<b>DETECTOR FUNCTION &amp; BANDWIDTH</b>	Peak (PK) Average (AV) 1 MHz
<b>ENVIRONMENTAL CONDITIONS</b>	15 deg. C, 65%RH, 965hPa	<b>TESTED BY</b>	Rex Huang

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2386.00	57.60 PK	74.00	-16.40	1.00 H	342	25.70	31.90
1	2386.00	45.60 AV	54.00	-8.40	1.00 H	342	13.70	31.90
2	*2412.00	104.60 PK			1.00 H	342	72.60	32.00
2	*2412.00	99.60 AV			1.00 H	342	67.60	32.00
3	3216.00	50.60 PK	84.60	-34.00	1.00 H	305	17.40	33.20
3	3216.00	44.00 AV	79.60	-35.60	1.00 H	305	10.80	33.20
4	4824.00	50.80 PK	74.00	-23.20	1.00 H	30	14.80	36.00
4	4824.00	43.30 AV	54.00	-10.70	1.00 H	30	7.30	36.00
5	7236.00	53.60 PK	74.00	-20.40	1.00 H	297	11.40	42.20
5	7236.00	40.30 AV	54.00	-13.70	1.00 H	297	-1.90	42.20

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2386.00	63.20 PK	74.00	-10.80	1.08 V	330	31.30	31.90
1	2386.00	53.60 AV	54.00	-0.40	1.08 V	330	21.70	31.90
2	*2412.00	114.50 PK			1.00 V	331	82.50	32.00
2	*2412.00	110.00 AV			1.00 V	331	78.00	32.00
3	3216.00	55.40 PK	94.50	-39.10	1.03 V	85	22.20	33.20
3	3216.00	52.90 AV	90.00	-37.10	1.03 V	85	19.70	33.20
4	4824.00	53.80 PK	74.00	-20.20	1.00 V	282	17.80	36.00
4	4824.00	49.30 AV	54.00	-4.70	1.00 V	282	13.30	36.00
5	7236.00	54.90 PK	74.00	-19.10	1.24 V	336	12.70	42.20
5	7236.00	41.10 AV	54.00	-12.90	1.24 V	336	-1.10	42.20

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
  2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
  3. The other emission levels were very low against the limit.
  4. Margin value = Emission level – Limit value.
  5. The limit value is defined as per 15.247
  6. “ \* “ : Fundamental frequency

<b>MODE</b>	Channel 6	<b>FREQUENCY RANGE</b>	1000~25000MHz
<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz	<b>DETECTOR FUNCTION &amp; BANDWIDTH</b>	Peak (PK) Average (AV) 1 MHz
<b>ENVIRONMENTAL CONDITIONS</b>	15 deg. C, 65%RH, 965hPa	<b>TESTED BY</b>	Rex Huang

<b>ANTENNA POLARITY &amp; TEST DISTANCE: HORIZONTAL AT 3 M</b>								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	56.10 PK	74.00	-17.90	1.00 H	341	24.20	31.90
1	2390.00	44.80 AV	54.00	-9.20	1.00 H	341	12.90	31.90
2	*2437.00	107.80 PK			1.00 H	341	75.70	32.10
2	*2437.00	102.60 AV			1.00 H	341	70.50	32.10
3	2483.50	57.00 PK	74.00	-17.00	1.00 H	341	24.70	32.30
3	2483.50	45.00 AV	54.00	-9.00	1.00 H	341	12.70	32.30
4	3249.00	47.10 PK	87.80	-40.70	1.00 H	271	13.90	33.20
4	3249.00	39.50 AV	82.60	-43.10	1.00 H	271	6.30	33.20
5	4874.00	49.50 PK	74.00	-24.50	1.00 H	29	13.40	36.10
5	4874.00	43.20 AV	54.00	-10.80	1.00 H	29	7.10	36.10
6	7311.00	53.00 PK	74.00	-21.00	1.00 H	351	10.50	42.50
6	7311.00	39.60 AV	54.00	-14.40	1.00 H	351	-2.90	42.50

<b>ANTENNA POLARITY &amp; TEST DISTANCE: VERTICAL AT 3 M</b>								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	60.60 PK	74.00	-13.40	1.00 V	330	28.70	31.90
1	2390.00	48.50 AV	54.00	-5.50	1.00 V	330	16.60	31.90
2	*2437.00	118.10 PK			1.00 V	330	86.00	32.10
2	*2437.00	113.50 AV			1.00 V	330	81.40	32.10
3	2483.50	60.70 PK	74.00	-13.30	1.00 V	330	28.40	32.30
3	2483.50	48.00 AV	54.00	-6.00	1.00 V	330	15.70	32.30
4	3249.00	55.90 PK	98.10	-42.20	1.00 V	77	22.70	33.20
4	3249.00	53.80 AV	93.50	-39.70	1.00 V	77	20.60	33.20
5	4874.00	54.30 PK	74.00	-19.70	1.09 V	156	18.20	36.10
5	4874.00	53.30 AV	54.00	-0.70	1.09 V	156	17.20	36.10
6	7311.00	57.60 PK	74.00	-16.40	1.50 V	336	15.10	42.50
6	7311.00	46.00 AV	54.00	-8.00	1.50 V	336	3.50	42.50

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
  2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
  3. The other emission levels were very low against the limit.
  4. Margin value = Emission level – Limit value.
  5. The limit value is defined as per 15.247
  6. “ \* “ : Fundamental frequency



<b>MODE</b>	Channel 11	<b>FREQUENCY RANGE</b>	1000~25000MHz
<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz	<b>DETECTOR FUNCTION &amp; BANDWIDTH</b>	Peak (PK) Average (AV) 1 MHz
<b>ENVIRONMENTAL CONDITIONS</b>	15 deg. C, 65%RH, 965hPa	<b>TESTED BY</b>	Rex Huang

#### ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

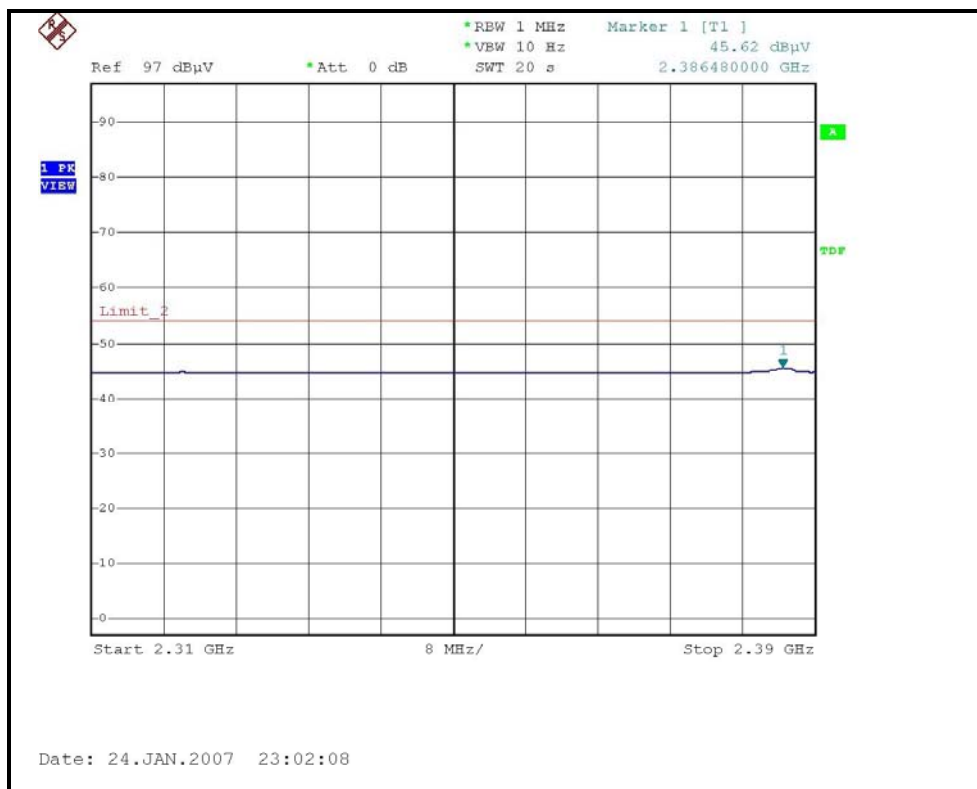
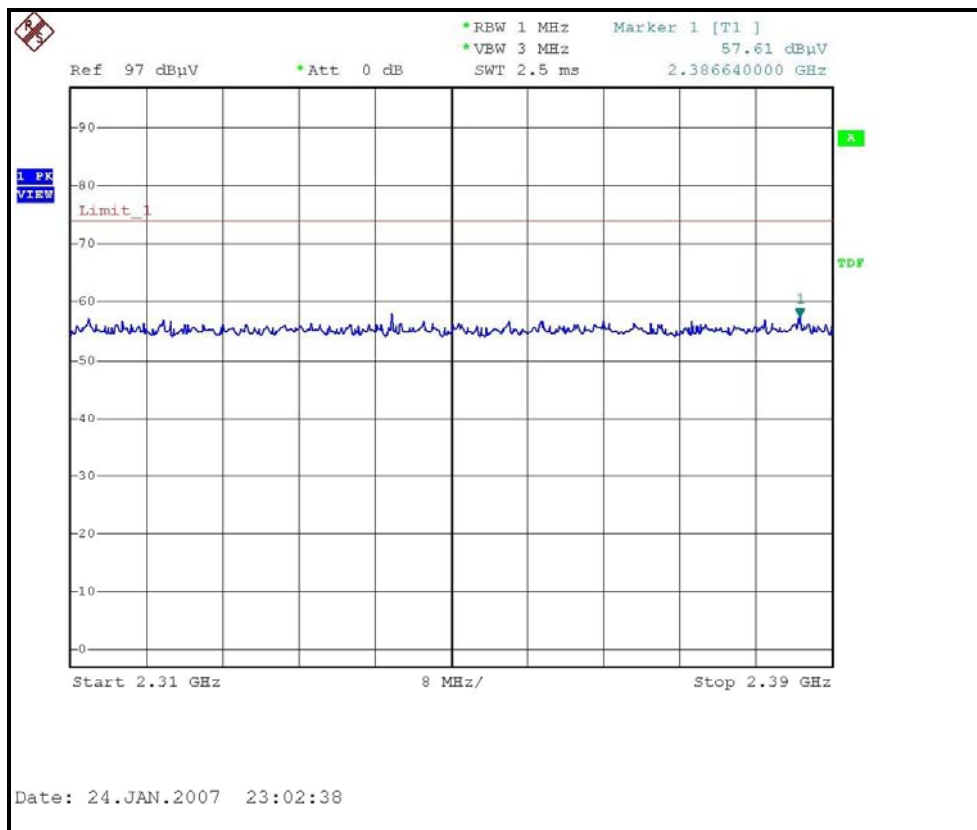
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	102.80 PK			1.00 H	288	70.60	32.20
1	*2462.00	97.80 AV			1.00 H	288	65.60	32.20
2	2483.50	59.20 PK	74.00	-14.80	1.00 H	288	26.90	32.30
2	2483.50	46.70 AV	54.00	-7.30	1.00 H	288	14.40	32.30
3	3282.00	48.80 PK	82.80	-34.00	1.02 H	281	15.50	33.30
3	3282.00	41.60 AV	77.80	-36.20	1.02 H	281	8.30	33.30
4	4924.00	49.60 PK	74.00	-24.40	1.01 H	30	13.40	36.20
4	4924.00	39.10 AV	54.00	-14.90	1.01 H	30	2.90	36.20
5	7386.00	54.50 PK	74.00	-19.50	1.00 H	271	11.70	42.80
5	7386.00	40.60 AV	54.00	-13.40	1.00 H	271	-2.20	42.80

#### ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

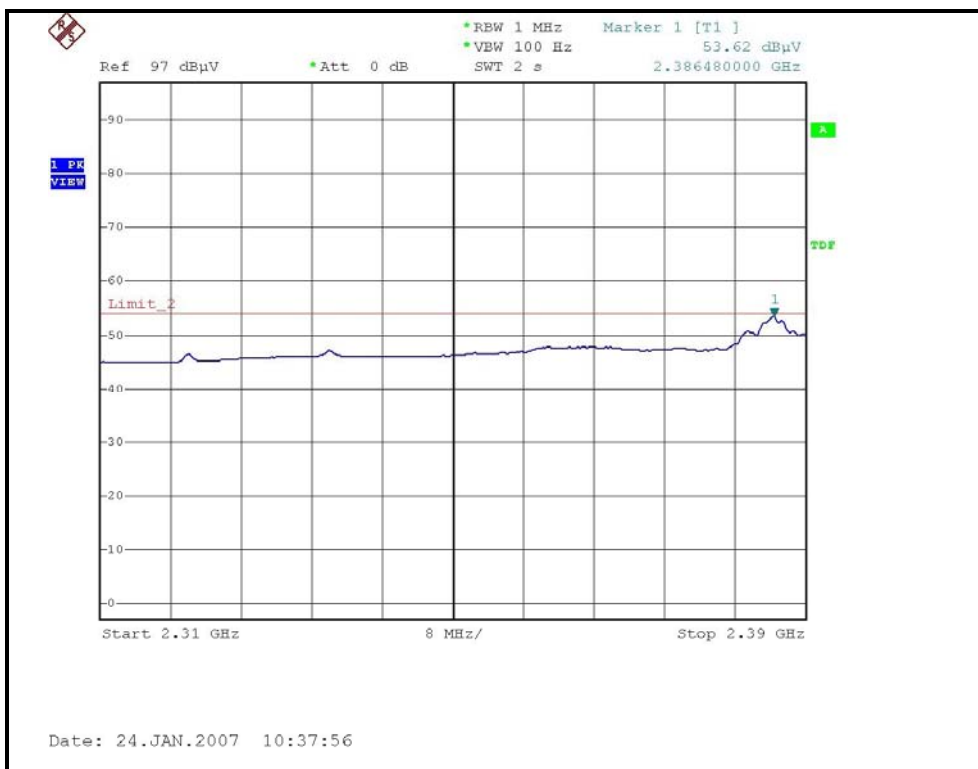
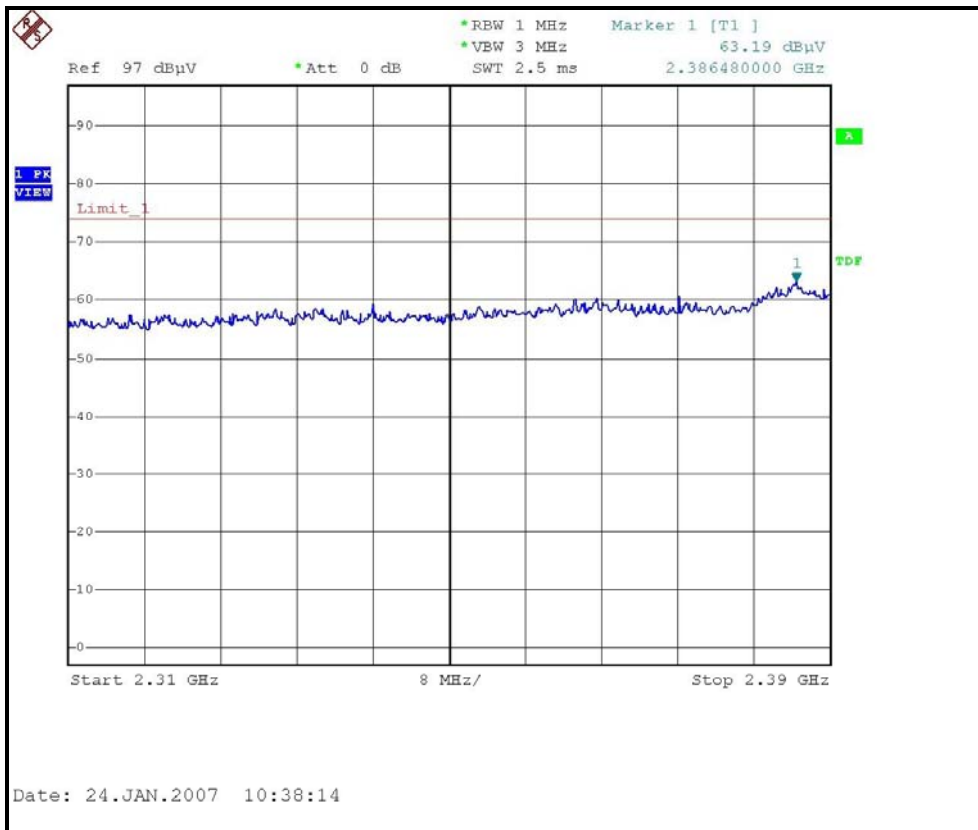
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	114.00 PK			1.00 V	330	81.80	32.20
1	*2462.00	109.40 AV			1.00 V	330	77.20	32.20
2	2488.00	62.80 PK	74.00	-11.20	1.00 V	330	30.50	32.30
2	2488.00	52.00 AV	54.00	-2.00	1.00 V	330	19.70	32.30
3	3282.00	55.60 PK	94.00	-38.40	1.03 V	86	22.30	33.30
3	3282.00	53.30 AV	89.40	-36.10	1.03 V	86	20.00	33.30
4	4924.00	50.10 PK	74.00	-23.90	1.00 V	280	13.90	36.20
4	4924.00	42.20 AV	54.00	-11.80	1.00 V	280	6.00	36.20
5	7386.00	54.90 PK	74.00	-19.10	1.24 V	316	12.10	42.80
5	7386.00	41.00 AV	54.00	-13.00	1.24 V	316	-1.80	42.80

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
  2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
  3. The other emission levels were very low against the limit.
  4. Margin value = Emission level – Limit value.
  5. The limit value is defined as per 15.247
  6. “ \* ” : Fundamental frequency

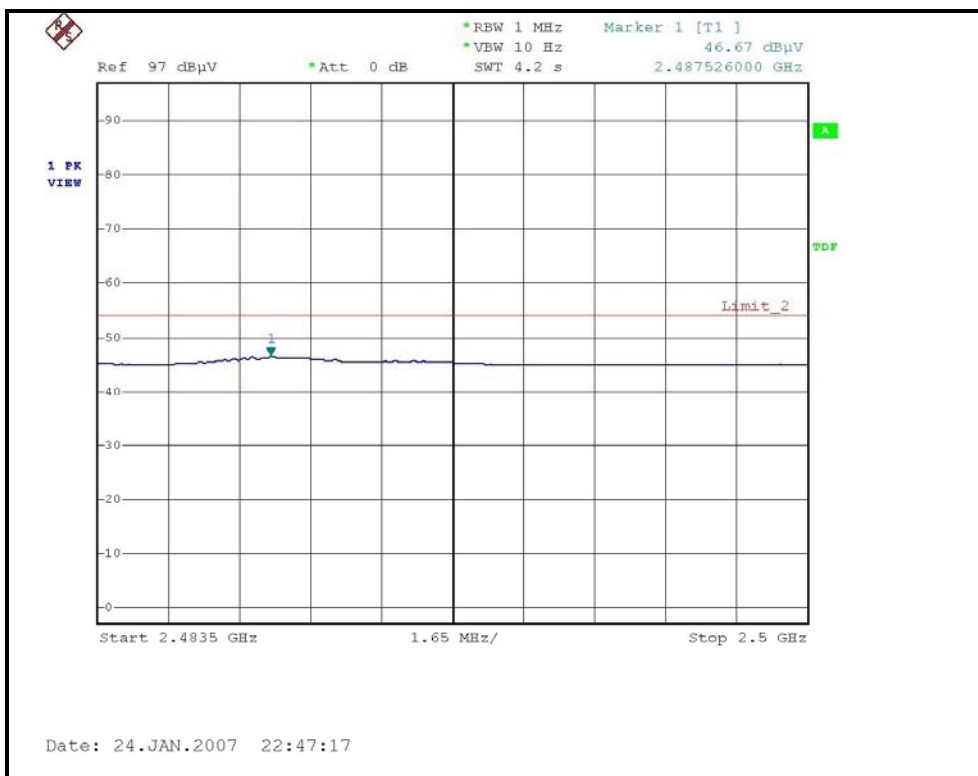
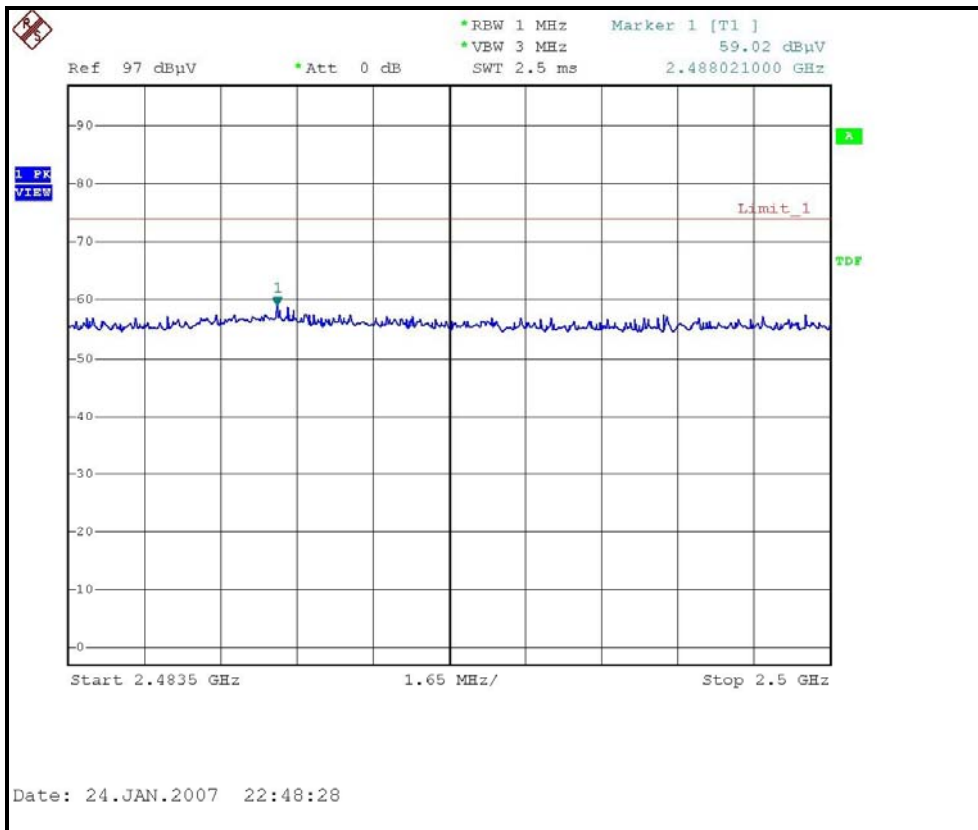
RESTRICTED BANDEDGE (802.11b MODE,CH1, HORIZONTAL )



RESTRICTED BANDEDGE (802.11b MODE, CH1, VERTICAL )

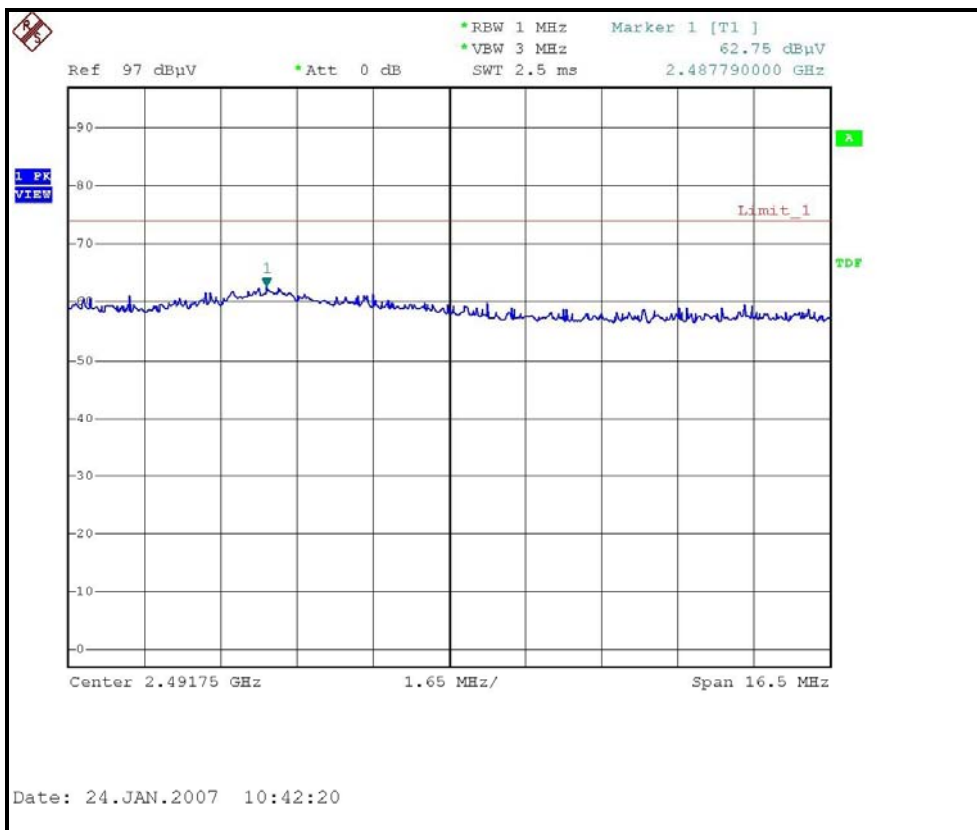


RESTRICTED BANDEDGE (802.11b MODE, CH11, HORIZONTAL )





RESTRICTED BANDEDGE (802.11b MODE, CH11, VERTICAL)



### 802.11g Normal OFDM modulation

<b>MODE</b>	Channel 1	<b>FREQUENCY RANGE</b>	1000~25000MHz
<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz	<b>DETECTOR FUNCTION &amp; BANDWIDTH</b>	Peak (PK) Average (AV) 1 MHz
<b>ENVIRONMENTAL CONDITIONS</b>	15 deg. C, 65%RH, 965hPa	<b>TESTED BY</b>	Rex Huang

#### ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	59.00 PK	74.00	-15.00	1.00 H	341	27.10	31.90
1	2390.00	45.80 AV	54.00	-8.20	1.00 H	341	13.90	31.90
2	*2412.00	104.80 PK			1.00 H	341	72.80	32.00
2	*2412.00	94.20 AV			1.00 H	341	62.20	32.00
3	3216.00	51.30 PK	84.80	-33.50	1.00 H	305	18.10	33.20
3	3216.00	46.50 AV	74.20	-37.70	1.00 H	305	13.30	33.20
4	4824.00	45.90 PK	74.00	-28.10	1.00 H	31	9.90	36.00
4	4824.00	34.80 AV	54.00	-19.20	1.00 H	31	-1.20	36.00
5	7236.00	53.30 PK	74.00	-20.70	1.00 H	296	11.10	42.20
5	7236.00	40.20 AV	54.00	-13.80	1.00 H	296	-2.00	42.20

#### ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	71.20 PK	74.00	-2.80	1.06 V	331	39.30	31.90
1	<b>2390.00</b>	<b>53.80 AV</b>	<b>54.00</b>	<b>-0.20</b>	<b>1.06 V</b>	<b>331</b>	<b>21.90</b>	<b>31.90</b>
2	*2412.00	114.70 PK			1.00 V	330	82.70	32.00
2	*2412.00	104.00 AV			1.00 V	330	72.00	32.00
3	3216.00	57.00 PK	94.70	-37.70	1.03 V	84	23.80	33.20
3	3216.00	54.50 AV	84.00	-29.50	1.03 V	84	21.30	33.20
4	4824.00	54.30 PK	74.00	-19.70	1.00 V	281	18.30	36.00
4	4824.00	39.80 AV	54.00	-14.20	1.00 V	281	3.80	36.00
5	7236.00	53.90 PK	74.00	-20.10	1.29 V	335	11.70	42.20
5	7236.00	40.40 AV	54.00	-13.60	1.29 V	335	-1.80	42.20

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
  2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
  3. The other emission levels were very low against the limit.
  4. Margin value = Emission level – Limit value.
  5. The limit value is defined as per 15.247
  6. “ \* “ : Fundamental frequency

<b>MODE</b>	Channel 6	<b>FREQUENCY RANGE</b>	1000~25000MHz
<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz	<b>DETECTOR FUNCTION &amp; BANDWIDTH</b>	Peak (PK) Average (AV) 1 MHz
<b>ENVIRONMENTAL CONDITIONS</b>	15 deg. C, 65%RH, 965hPa	<b>TESTED BY</b>	Rex Huang

#### ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	62.90 PK	74.00	-11.10	1.00 H	340	31.00	31.90
1	2390.00	46.60 AV	54.00	-7.40	1.00 H	340	14.70	31.90
2	*2437.00	111.80 PK			1.00 H	340	79.70	32.10
2	*2437.00	101.00 AV			1.00 H	340	68.90	32.10
3	2483.50	60.80 PK	74.00	-13.20	1.00 H	340	28.50	32.30
3	2483.50	46.50 AV	54.00	-7.50	1.00 H	340	14.20	32.30
4	3249.00	50.10 PK	91.80	-41.70	1.00 H	274	16.90	33.20
4	3249.00	44.00 AV	81.00	-37.00	1.00 H	274	10.80	33.20
5	4874.00	50.70 PK	74.00	-23.30	1.00 H	30	14.60	36.10
5	4874.00	36.40 AV	54.00	-17.60	1.00 H	30	0.30	36.10
6	7311.00	56.00 PK	74.00	-18.00	1.00 H	356	13.50	42.50
6	7311.00	42.20 AV	54.00	-11.80	1.00 H	356	-0.30	42.50

#### ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	71.20 PK	74.00	-2.80	1.00 V	329	39.30	31.90
1	2390.00	52.00 AV	54.00	-2.00	1.00 V	329	20.10	31.90
2	*2437.00	122.60 PK			1.00 V	329	90.50	32.10
2	*2437.00	111.30 AV			1.00 V	329	79.20	32.10
3	2483.50	70.10 PK	74.00	-3.90	1.00 V	329	37.80	32.30
3	2483.50	52.70 AV	54.00	-1.30	1.00 V	329	20.40	32.30
4	3249.00	58.50 PK	102.60	-44.10	1.00 V	77	25.30	33.20
4	3249.00	56.20 AV	91.30	-35.10	1.00 V	77	23.00	33.20
5	4874.00	56.40 PK	74.00	-17.60	1.01 V	282	20.30	36.10
5	4874.00	42.60 AV	54.00	-11.40	1.01 V	282	6.50	36.10
6	7311.00	64.60 PK	74.00	-9.40	1.50 V	330	22.10	42.50
6	7311.00	48.30 AV	54.00	-5.70	1.50 V	330	5.80	42.50

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
  2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
  3. The other emission levels were very low against the limit.
  4. Margin value = Emission level – Limit value.
  5. The limit value is defined as per 15.247
  6. “ \* “ : Fundamental frequency



<b>MODE</b>	Channel 11	<b>FREQUENCY RANGE</b>	1000~25000MHz
<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz	<b>DETECTOR FUNCTION &amp; BANDWIDTH</b>	Peak (PK) Average (AV) 1 MHz
<b>ENVIRONMENTAL CONDITIONS</b>	15 deg. C, 65%RH, 965hPa	<b>TESTED BY</b>	Rex Huang

#### ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	102.60 PK			1.00 H	289	70.40	32.20
1	*2462.00	91.50 AV			1.00 H	289	59.30	32.20
2	2483.50	61.10 PK	74.00	-12.90	1.00 H	289	28.80	32.30
2	2483.50	46.30 AV	54.00	-7.70	1.00 H	289	14.00	32.30
3	3282.00	49.40 PK	82.60	-33.20	1.01 H	284	16.10	33.30
3	3282.00	42.60 AV	71.50	-28.90	1.01 H	284	9.30	33.30
4	4924.00	45.70 PK	74.00	-28.30	1.00 H	29	9.50	36.20
4	4924.00	34.50 AV	54.00	-19.50	1.00 H	29	-1.70	36.20
5	7386.00	54.40 PK	74.00	-19.60	1.00 H	273	11.60	42.80
5	7386.00	40.80 AV	54.00	-13.20	1.00 H	273	-2.00	42.80

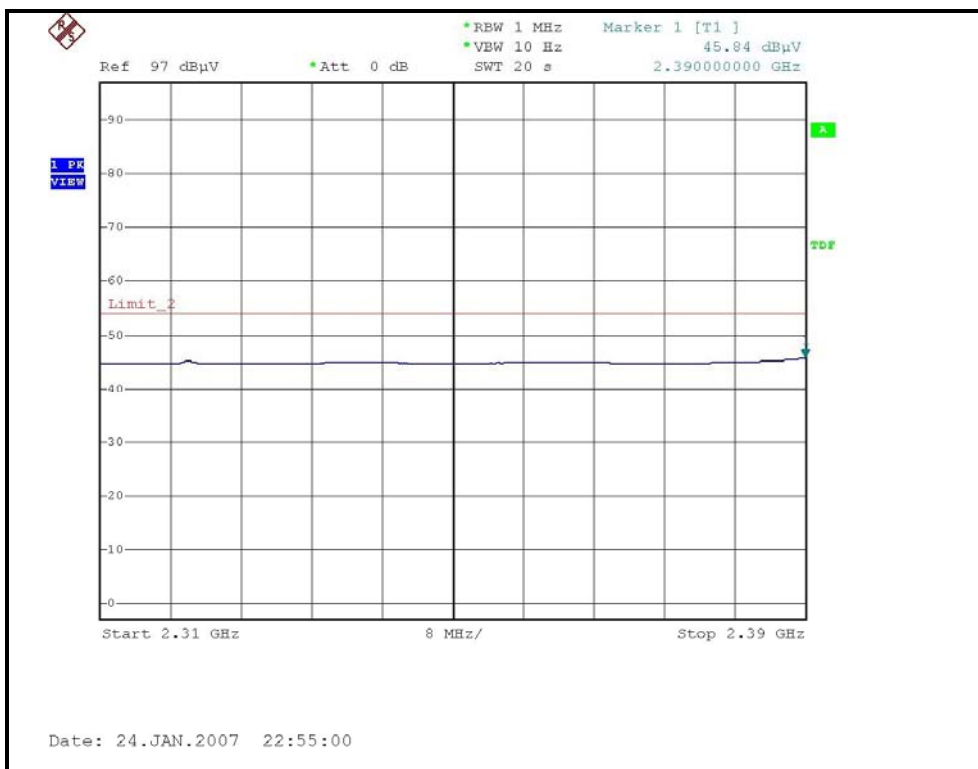
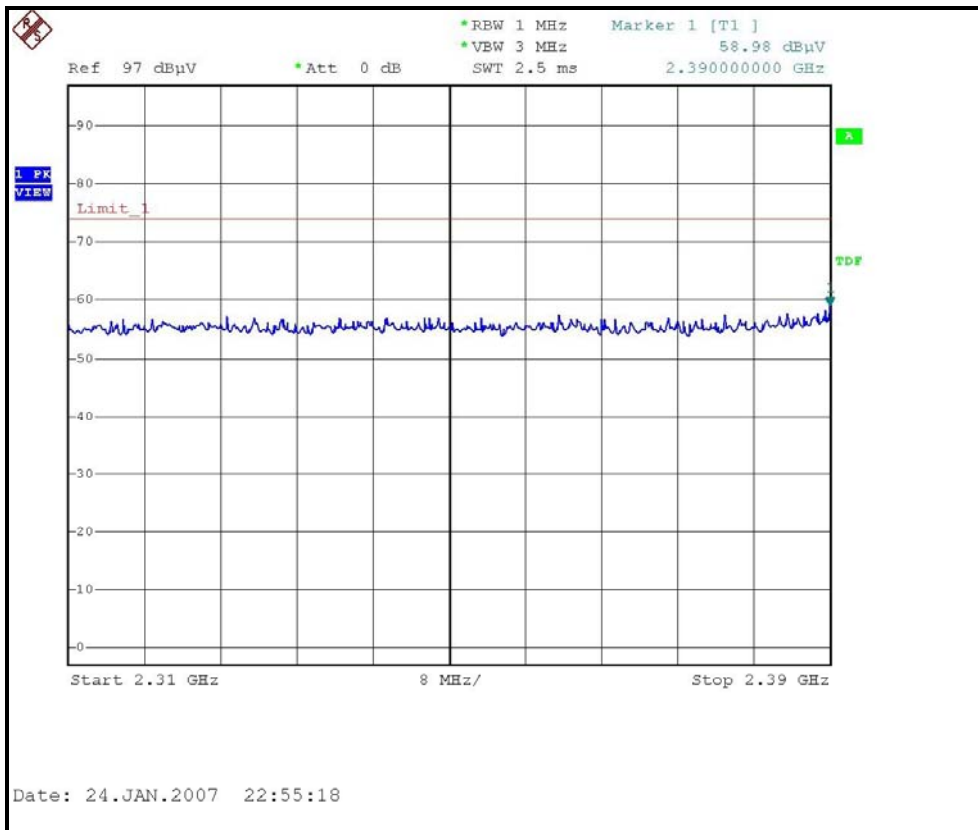
#### ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	114.20 PK			1.00 V	330	82.00	32.20
1	*2462.00	103.40 AV			1.00 V	330	71.20	32.20
2	2483.50	70.70 PK	74.00	-3.30	1.00 V	330	38.40	32.30
2	2483.50	52.50 AV	54.00	-1.50	1.00 V	330	20.20	32.30
3	3282.00	56.30 PK	94.20	-37.90	1.03 V	85	23.00	33.30
3	3282.00	53.40 AV	83.40	-30.00	1.03 V	85	20.10	33.30
4	4924.00	48.10 PK	74.00	-25.90	1.01 V	279	11.90	36.20
4	4924.00	34.40 AV	54.00	-19.60	1.01 V	279	-1.80	36.20
5	7386.00	55.10 PK	74.00	-18.90	1.21 V	313	12.30	42.80
5	7386.00	41.10 AV	54.00	-12.90	1.21 V	313	-1.70	42.80

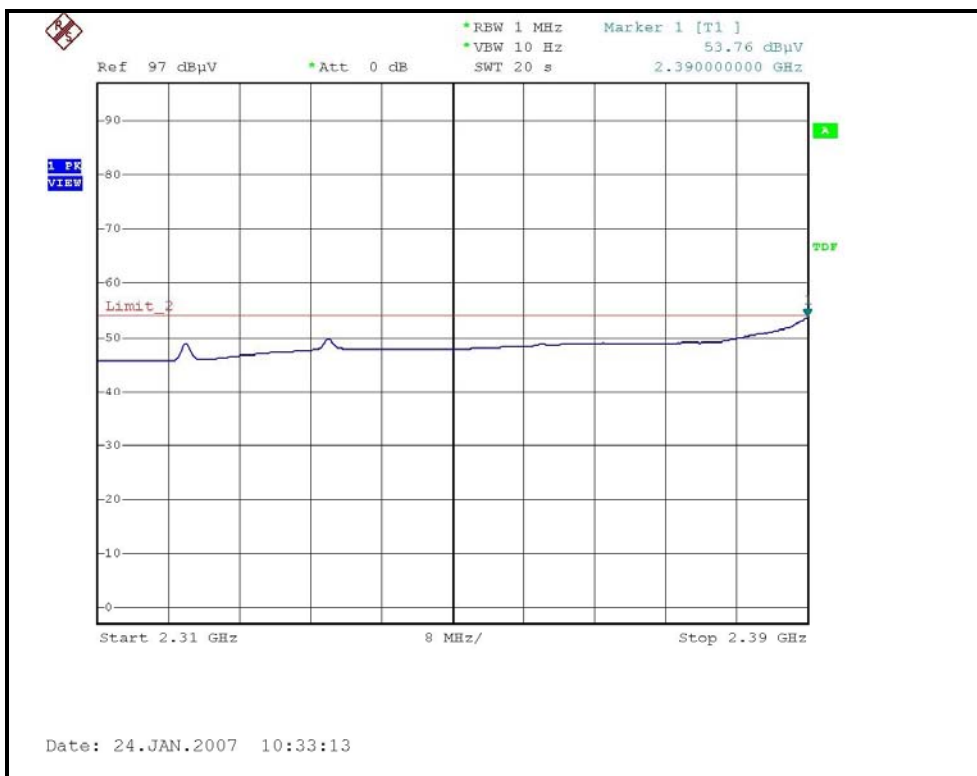
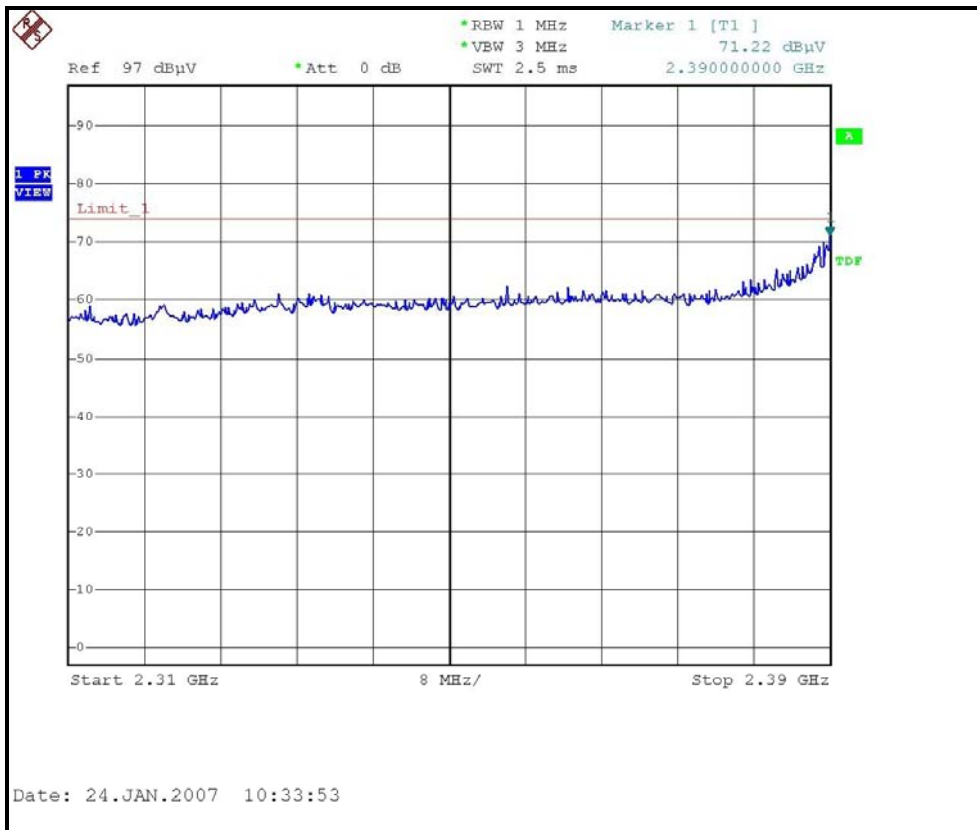
#### REMARKS:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. The limit value is defined as per 15.247
6. “ \* “ : Fundamental frequency

RESTRICTED BANDEDGE (802.11g MODE,CH1, HORIZONTAL )



RESTRICTED BANDEDGE (802.11g MODE, CH1, VERTICAL )











### 802.11g Turbo OFDM modulation

<b>MODE</b>	Channel 6	<b>FREQUENCY RANGE</b>	1000~25000MHz
<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz	<b>DETECTOR FUNCTION &amp; BANDWIDTH</b>	Peak (PK) Average (AV) 1 MHz
<b>ENVIRONMENTAL CONDITIONS</b>	15 deg. C, 65%RH, 965hPa	<b>TESTED BY</b>	Rex Huang

#### ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

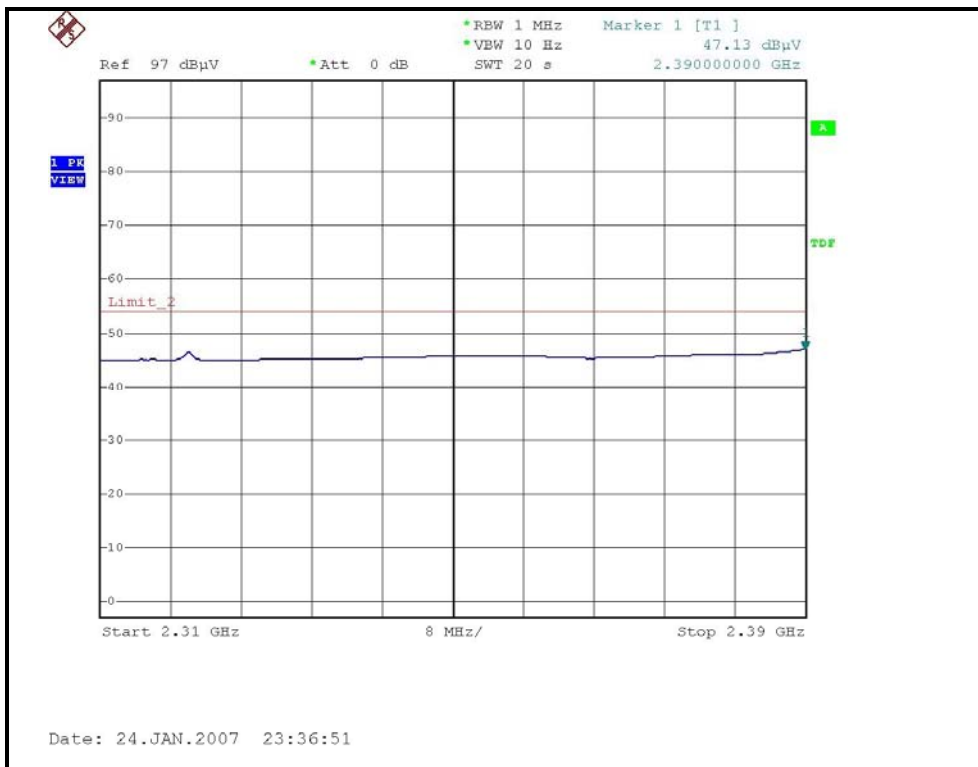
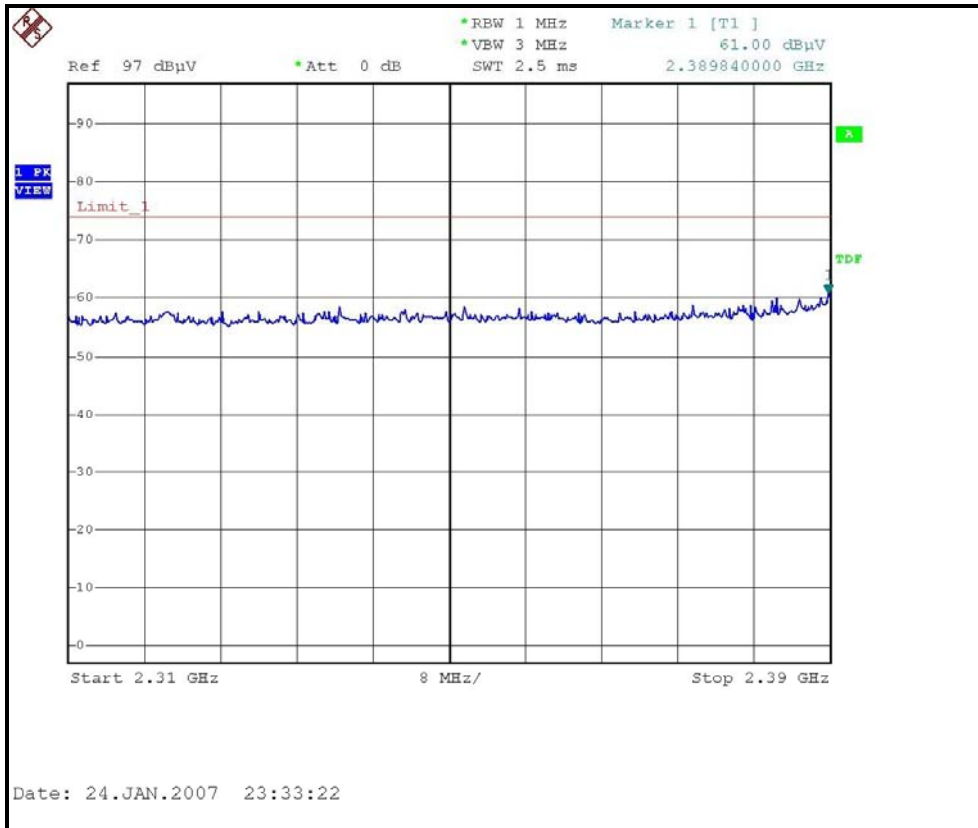
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	61.00 PK	74.00	-13.00	1.00 H	341	29.10	31.90
1	2390.00	47.10 AV	54.00	-6.90	1.00 H	341	15.20	31.90
2	*2437.00	102.40 PK			1.00 H	341	70.30	32.10
2	*2437.00	92.90 AV			1.00 H	341	60.80	32.10
3	2483.50	61.10 PK	74.00	-12.90	1.00 H	341	28.80	32.30
3	2483.50	46.80 AV	54.00	-7.20	1.00 H	341	14.50	32.30
4	3249.00	49.90 PK	82.40	-32.50	1.00 H	274	16.70	33.20
4	3249.00	44.20 AV	72.90	-28.70	1.00 H	274	11.00	33.20
5	4874.00	48.10 PK	74.00	-25.90	1.00 H	29	12.00	36.10
5	4874.00	34.30 AV	54.00	-19.70	1.00 H	29	-1.80	36.10
6	7311.00	54.30 PK	74.00	-19.70	1.02 H	347	11.80	42.50
6	7311.00	40.50 AV	54.00	-13.50	1.02 H	347	-2.00	42.50

#### ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

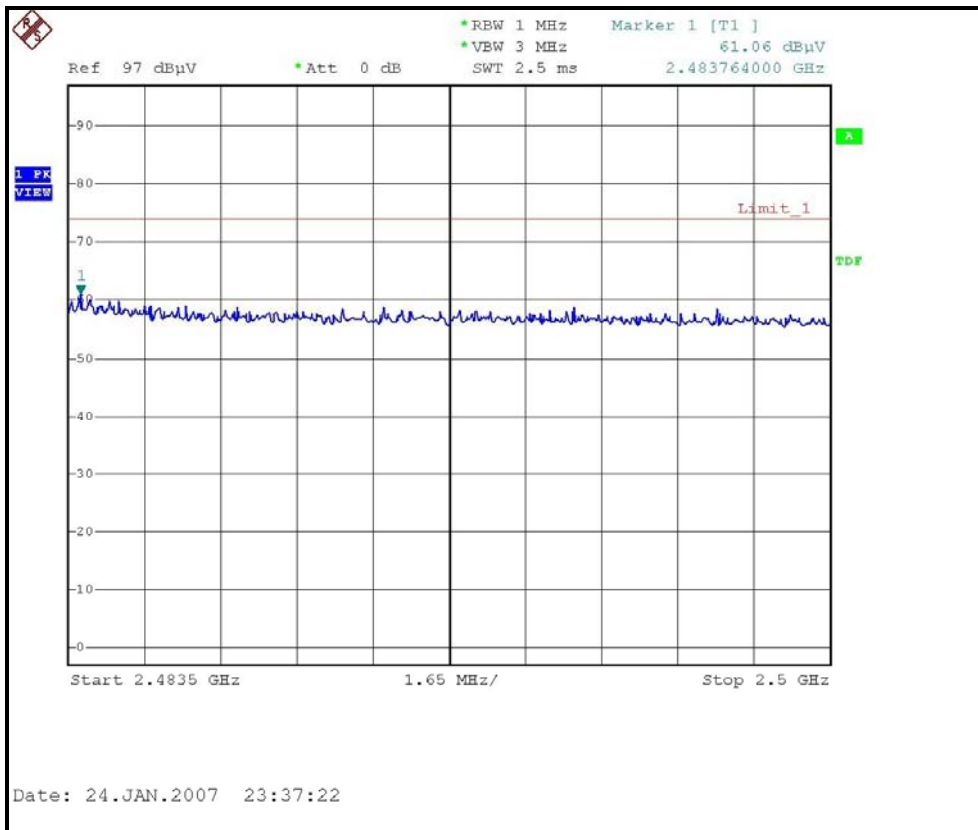
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2390.00	69.50 PK	74.00	-4.50	1.07 V	330	37.60	31.90
1	<b>2390.00</b>	<b>53.80 AV</b>	<b>54.00</b>	<b>-0.20</b>	<b>1.07 V</b>	<b>330</b>	<b>21.90</b>	<b>31.90</b>
2	*2437.00	114.10 PK			1.00 V	330	82.00	32.10
2	*2437.00	103.30 AV			1.00 V	330	71.20	32.10
3	2483.50	67.80 PK	74.00	-6.20	1.00 V	330	35.50	32.30
3	2483.50	52.90 AV	54.00	-1.10	1.00 V	330	20.60	32.30
4	3249.00	58.20 PK	94.10	-35.90	1.00 V	77	25.00	33.20
4	3249.00	56.10 AV	83.30	-27.20	1.00 V	77	22.90	33.20
5	4874.00	50.40 PK	74.00	-23.60	1.00 V	281	14.30	36.10
5	4874.00	35.60 AV	54.00	-18.40	1.00 V	281	-0.50	36.10
6	7311.00	54.90 PK	74.00	-19.10	1.47 V	334	12.40	42.50
6	7311.00	40.90 AV	54.00	-13.10	1.47 V	334	-1.60	42.50

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
  2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
  3. The other emission levels were very low against the limit.
  4. Margin value = Emission level – Limit value.
  5. The limit value is defined as per 15.247
  6. “ \* ” : Fundamental frequency

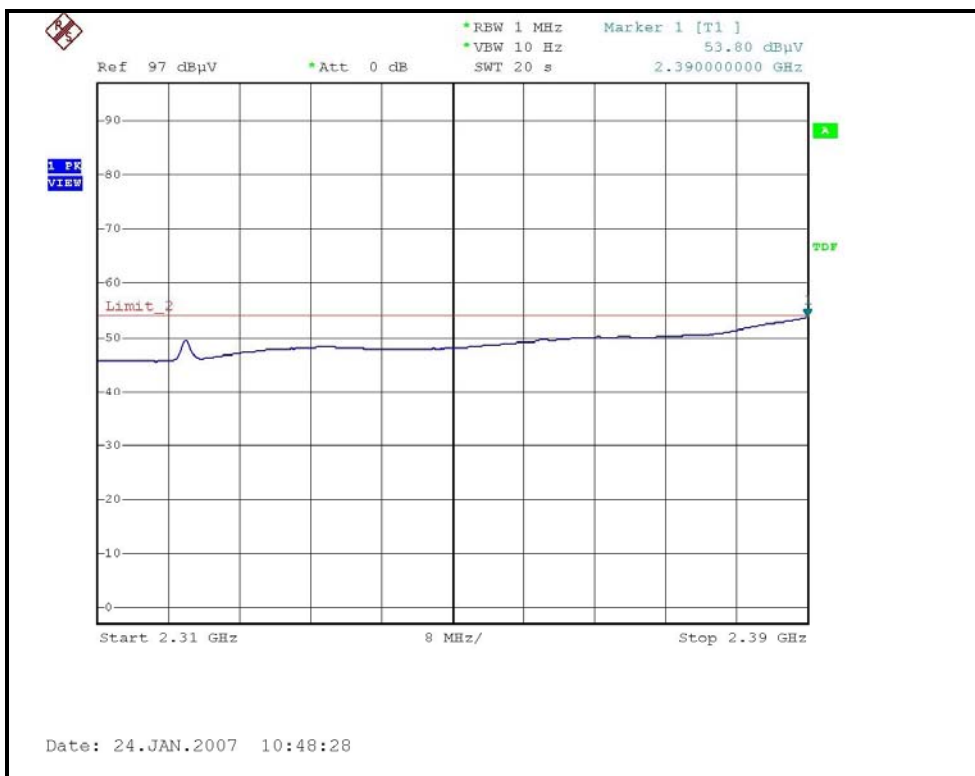
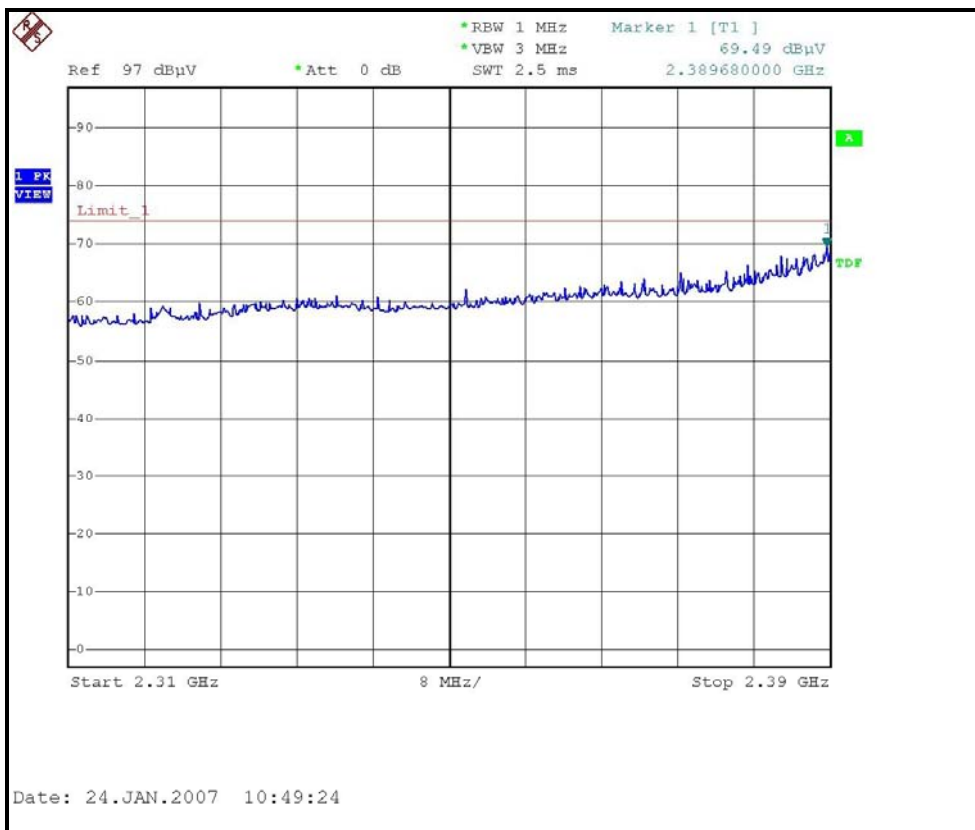
RESTRICTED BANDEDGE (802.11g MODE,CH6, HORIZONTAL )



RESTRICTED BANDEDGE (802.11g MODE, CH6, HORIZONTAL )



RESTRICTED BANDEDGE (802.11g MODE,CH6, VERTICAL )







#### 4.2.10 TEST RESULTS (Antenna 10)

##### Below 1GHz Worst-Case Data (Normal mode)

<b>MODULATION TYPE</b>	BPSK	<b>CHANNEL</b>	Channel 6
<b>INPUT POWER (SYSTEM)</b>	120Vac, 60 Hz	<b>FREQUENCY RANGE</b>	30-1000 MHz
<b>ENVIRONMENTAL CONDITIONS</b>	19deg. C, 59%RH, 965hPa	<b>TRANSFER RATE</b>	6Mbps
<b>TESTED BY</b>	Tony Chen	<b>DETECTOR FUNCTION</b>	Quasi-Peak, 120kHz

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	200.00	21.50 QP	43.50	-22.00	1.14 H	103	10.30	11.20
2	250.00	27.20 QP	46.00	-18.80	1.00 H	149	13.40	13.80
3	499.99	27.30 QP	46.00	-18.70	1.06 H	279	6.90	20.40
4	624.99	28.60 QP	46.00	-17.40	1.29 H	238	6.10	22.50
5	749.99	31.10 QP	46.00	-14.90	1.10 H	127	6.80	24.30
6	874.99	30.20 QP	46.00	-15.80	1.05 H	113	4.90	25.30

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	125.00	30.90 QP	43.50	-12.60	1.24 V	103	18.60	12.30
2	250.00	26.10 QP	46.00	-19.90	1.06 V	123	12.30	13.80
3	499.99	26.70 QP	46.00	-19.30	1.21 V	10	6.30	20.40
4	624.99	31.00 QP	46.00	-15.00	1.01 V	354	8.50	22.50
5	749.99	31.20 QP	46.00	-14.80	1.05 V	112	6.90	24.30
6	874.99	31.60 QP	46.00	-14.40	1.03 V	196	6.30	25.30

- REMARKS:**
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
  2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
  3. The other emission levels were very low against the limit.
  4. Margin value = Emission level – Limit value.