



4.2.7 TEST RESULTS – Antenna 2

Below 1GHz Worst-Case Data

MODULATION TYPE	CCK	CHANNEL	Channel 1
INPUT POWER (SYSTEM)	120Vac, 60 Hz	FREQUENCY RANGE	30-1000 MHz
ENVIRONMENTAL CONDITIONS	22deg. C, 64%RH, 980hPa	TRANSFER RATE	1Mbps
TESTED BY	Sky Liao	DETECTOR FUNCTION	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	133.17	28.00 QP	43.50	-15.50	1.43 H	322	15.10	12.90
2	149.65	26.70 QP	43.50	-16.80	1.20 H	157	12.90	13.80
3	166.50	34.10 QP	43.50	-9.40	1.55 H	357	20.40	13.80
4	233.20	28.80 QP	46.00	-17.20	1.55 H	338	15.70	13.00
5	399.85	32.10 QP	46.00	-13.90	1.79 H	37	13.10	19.00
6	500.04	31.30 QP	46.00	-14.70	1.45 H	218	9.50	21.80
7	666.32	28.10 QP	46.00	-17.90	1.67 H	299	2.80	25.30
8	933.01	32.60 QP	46.00	-13.40	1.80 H	52	3.10	29.50

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	133.49	30.60 QP	43.50	-12.90	1.49 V	242	17.70	12.90
2	147.93	26.90 QP	43.50	-16.60	1.00 V	221	13.20	13.70
3	166.62	31.50 QP	43.50	-12.00	1.00 V	136	17.70	13.80
4	233.17	23.20 QP	46.00	-22.80	1.05 V	1	10.20	13.00
5	399.78	32.60 QP	46.00	-13.40	1.00 V	335	13.60	19.00
6	500.24	26.30 QP	46.00	-19.70	1.00 V	296	4.60	21.80
7	666.59	32.20 QP	46.00	-13.80	1.00 V	16	7.00	25.30
8	932.87	33.90 QP	46.00	-12.10	1.00 V	235	4.40	29.50

- 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.



802.11b DSSS modulation

MODE	Channel 1	FREQUENCY RANGE	1000~25000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION & BANDWIDTH	Peak (PK) Average (AV) 1 MHz
ENVIRONMENTAL CONDITIONS	18 deg. C, 56%RH, 980hPa	TESTED BY	Sky Liao

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	56.89 PK	74.00	-17.11	1.08 H	246	24.97	31.92
1	2386.00	44.67 AV	54.00	-9.33	1.08 H	246	12.75	31.92
2	*2412.00	95.00 PK			1.08 H	246	62.98	32.02
2	*2412.00	88.20 AV			1.08 H	246	56.18	32.02
3	4824.00	48.60 PK	74.00	-25.40	1.16 H	206	12.63	35.97
3	4824.00	40.20 AV	54.00	-13.80	1.16 H	206	4.23	35.97
4	7236.00	53.78 PK	74.00	-20.22	1.12 H	35	11.54	42.24
4	7236.00	41.58 AV	54.00	-12.42	1.12 H	35	-0.66	42.24

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	2386.30	61.60 PK	74.00	-12.40	1.50 V	93	29.68	31.92
1	2386.30	51.96 AV	54.00	-2.04	1.50 V	93	20.04	31.92
2	*2412.00	109.40 PK			1.48 V	92	77.38	32.02
2	*2412.00	104.70 AV			1.48 V	92	72.68	32.02
3	4824.00	49.60 PK	74.00	-24.40	1.27 V	358	13.63	35.97
3	4824.00	42.20 AV	54.00	-11.80	1.27 V	358	6.23	35.97
4	7236.00	51.98 PK	74.00	-22.02	1.40 V	15	9.74	42.24
4	7236.00	38.78 AV	54.00	-15.22	1.40 V	15	-3.46	42.24

- 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



MODE	Channel 2	FREQUENCY RANGE	1000~25000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION & BANDWIDTH	Peak (PK) Average (AV) 1 MHz
ENVIRONMENTAL CONDITIONS	18 deg. C, 56%RH, 980hPa	TESTED BY	Sky Liao

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	57.30 PK	74.00	-16.70	1.50 H	126	25.40	31.90
1	2386.00	45.80 AV	54.00	-8.20	1.50 H	126	13.90	31.90
2	*2417.00	96.10 PK			1.09 H	250	64.10	32.00
2	*2417.00	88.70 AV			1.09 H	250	56.70	32.00

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	65.00 PK	74.00	-9.00	1.20 V	230	33.10	31.90
1	2390.00	53.60 AV	54.00	-0.40	1.20 V	230	21.70	31.90
2	*2417.00	109.90 PK			1.50 V	100	77.90	32.00
2	*2417.00	105.30 AV			1.50 V	100	73.30	32.00

- 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

MODE	Channel 6	FREQUENCY RANGE	1000~25000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION & BANDWIDTH	Peak (PK) Average (AV) 1 MHz
ENVIRONMENTAL CONDITIONS	18 deg. C, 56%RH, 980hPa	TESTED BY	Sky Liao

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	*2437.00	99.10 PK			1.03 H	244	66.99	32.11
1	*2437.00	92.70 AV			1.03 H	244	60.59	32.11
2	4874.00	49.31 PK	74.00	-24.69	1.25 H	257	13.23	36.08
2	4874.00	41.01 AV	54.00	-12.99	1.25 H	257	4.93	36.08
3	7311.00	54.77 PK	74.00	-19.23	1.30 H	25	12.25	42.52
3	7311.00	42.67 AV	54.00	-11.33	1.30 H	25	0.15	42.52

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	*2437.00	111.80 PK			1.48 V	93	79.69	32.11
1	*2437.00	106.90 AV			1.48 V	93	74.79	32.11
2	4874.00	55.21 PK	74.00	-18.79	1.27 V	16	19.13	36.08
2	4874.00	52.01 AV	54.00	-1.99	1.27 V	16	15.93	36.08
3	7311.00	55.27 PK	74.00	-18.73	1.46 V	3	12.75	42.52
3	7311.00	45.77 AV	54.00	-8.23	1.46 V	3	3.25	42.52

- 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



MODE	Channel 10	FREQUENCY RANGE	1000~25000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION & BANDWIDTH	Peak (PK) Average (AV) 1 MHz
ENVIRONMENTAL CONDITIONS	18 deg. C, 56%RH, 980hPa	TESTED BY	Sky Liao

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	*2457.00	98.60 PK			1.07 H	250	66.40	32.20
1	*2457.00	92.30 AV			1.07 H	250	60.10	32.20
2	2487.00	58.80 PK	74.00	-15.20	1.70 H	36	26.50	32.30
2	2487.00	46.50 AV	54.00	-7.50	1.70 H	36	14.20	32.30

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	*2457.00	110.20 PK			1.55 V	125	78.00	32.20
1	*2457.00	105.40 AV			1.55 V	125	73.20	32.20
2	2483.50	62.00 PK	74.00	-12.00	1.23 V	225	29.70	32.30
2	2483.50	51.90 AV	54.00	-2.10	1.23 V	225	19.60	32.30

- 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.
 5. The limit value is defined as per 15.247
 6. “ * “ : Fundamental frequency



MODE	Channel 11	FREQUENCY RANGE	1000~25000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION & BANDWIDTH	Peak (PK) Average (AV) 1 MHz
ENVIRONMENTAL CONDITIONS	18 deg. C, 56%RH, 980hPa	TESTED BY	Sky Liao

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

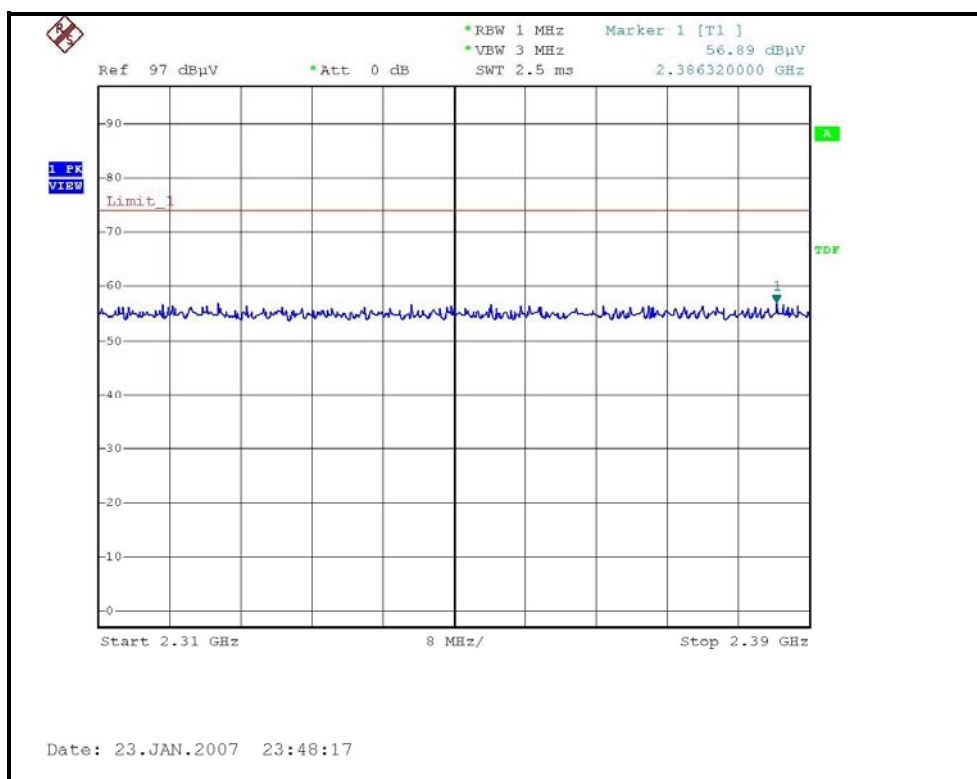
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	97.10 PK			1.00 H	245	64.89	32.21
1	*2462.00	90.80 AV			1.00 H	245	58.59	32.21
2	2487.80	57.63 PK	74.00	-16.37	1.00 H	245	25.33	32.30
2	2487.80	45.70 AV	54.00	-8.30	1.00 H	245	13.40	32.30
3	4924.00	49.02 PK	74.00	-24.98	1.24 H	220	12.83	36.19
3	4924.00	40.62 AV	54.00	-13.38	1.24 H	220	4.43	36.19
4	7386.00	54.55 PK	74.00	-19.45	1.16 H	48	11.75	42.80
4	7386.00	42.35 AV	54.00	-11.65	1.16 H	48	-0.45	42.80

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

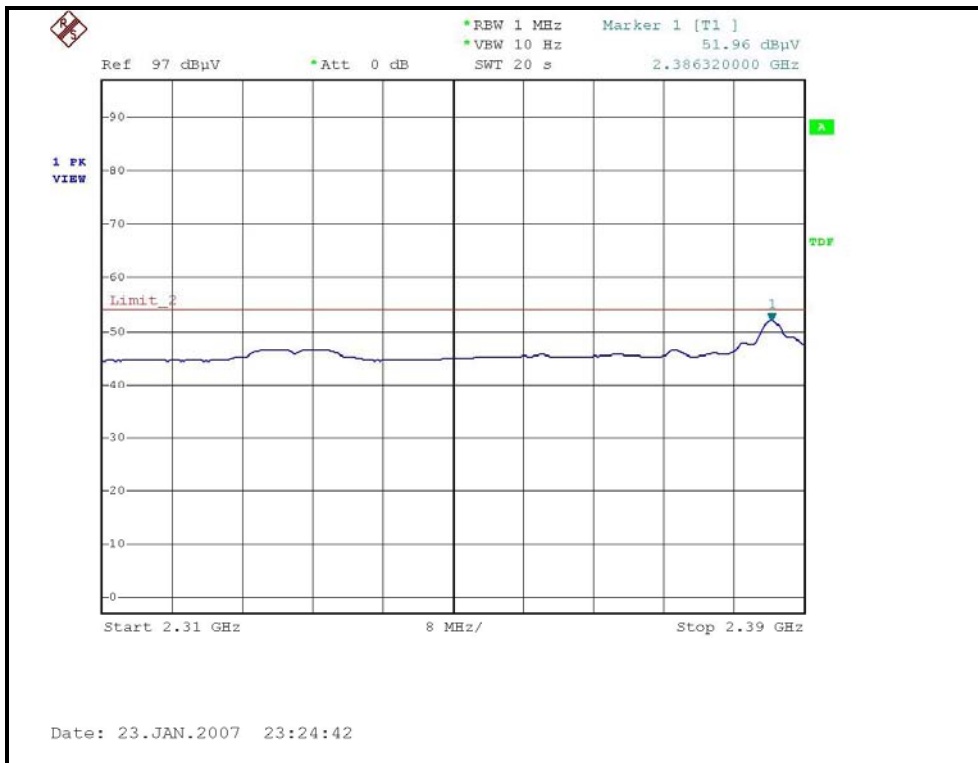
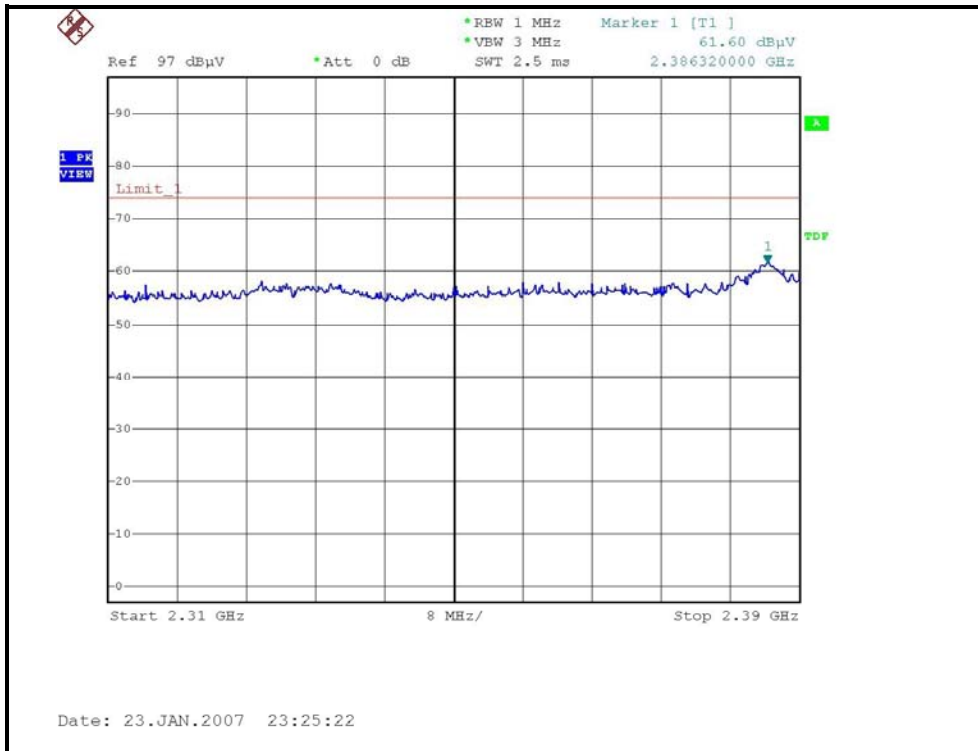
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	109.00 PK			1.48 V	110	76.79	32.21
1	*2462.00	104.20 AV			1.48 V	110	71.99	32.21
2	2487.70	62.38 PK	74.00	-11.62	1.44 V	111	30.08	32.30
2	2487.70	52.04 AV	54.00	-1.96	1.44 V	111	19.74	32.30
3	4924.00	50.02 PK	74.00	-23.98	1.27 V	330	13.83	36.19
3	4924.00	43.12 AV	54.00	-10.88	1.27 V	330	6.93	36.19
4	7386.00	51.85 PK	74.00	-22.15	1.33 V	14	9.05	42.80
4	7386.00	39.15 AV	54.00	-14.85	1.33 V	14	-3.65	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

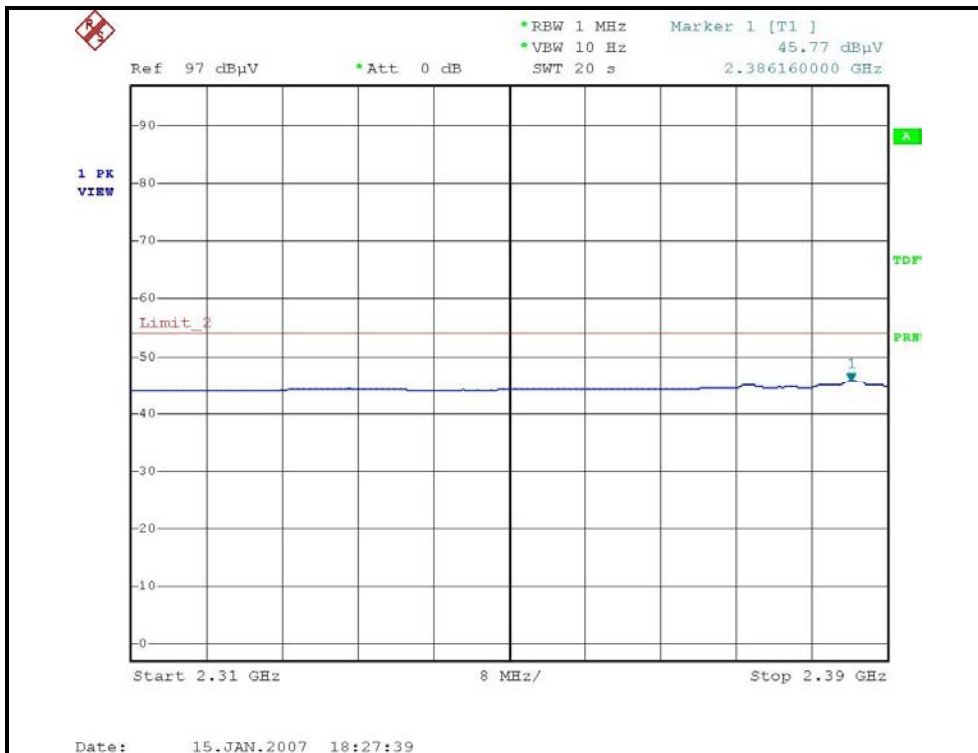
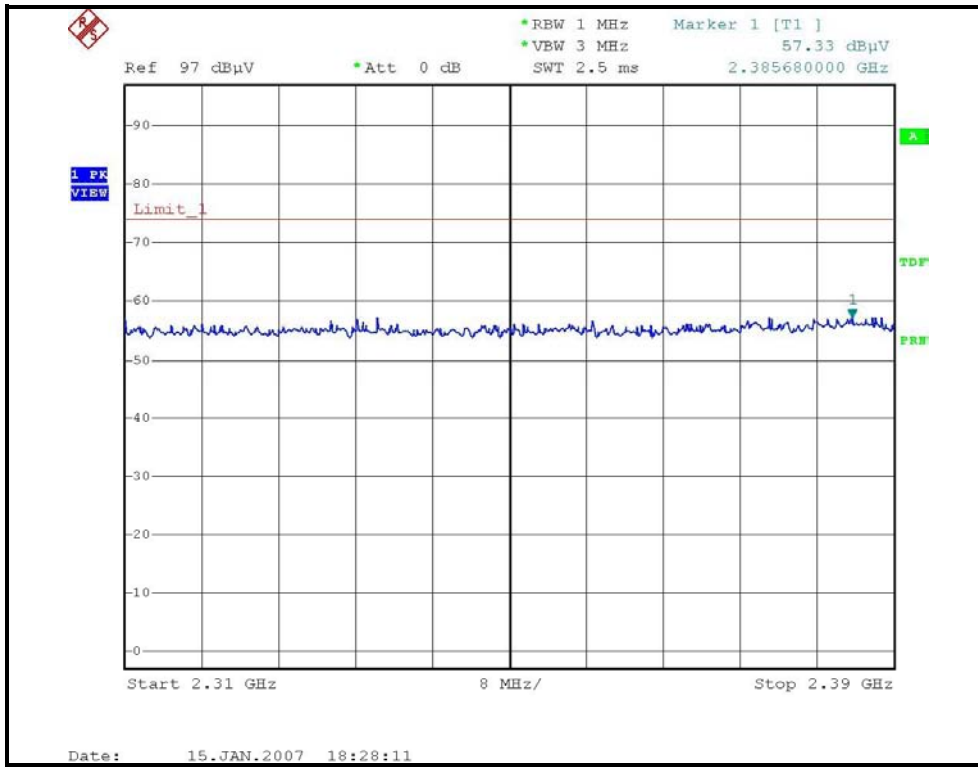
RESTRICTED BANDEDGE (802.11b MODE, CH1, HORIZONTAL)



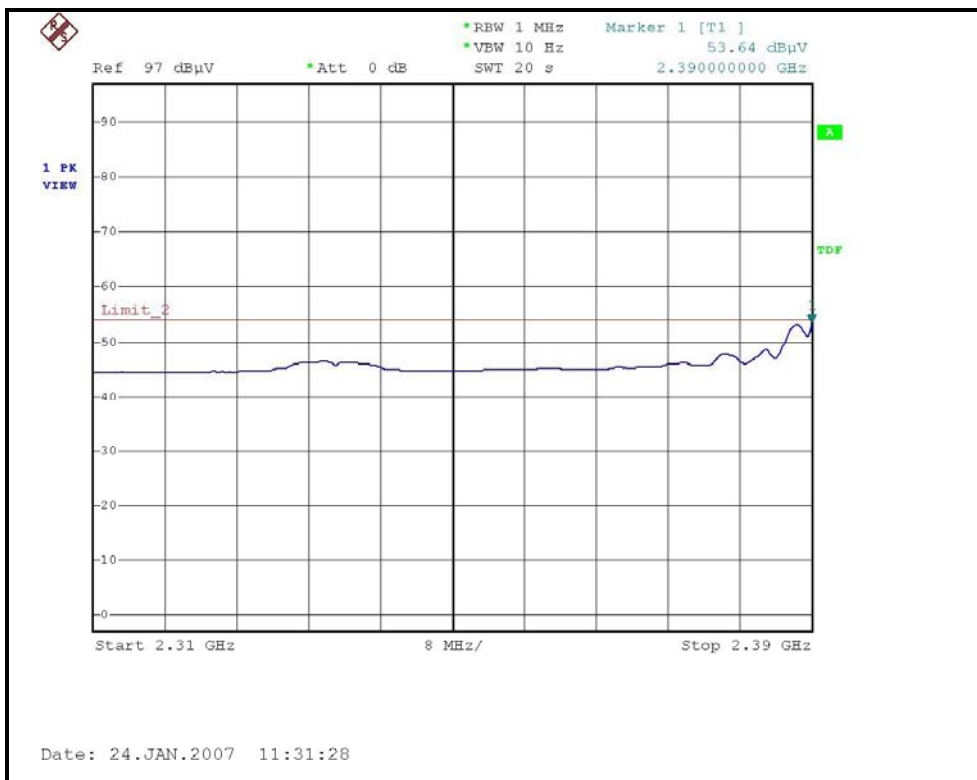
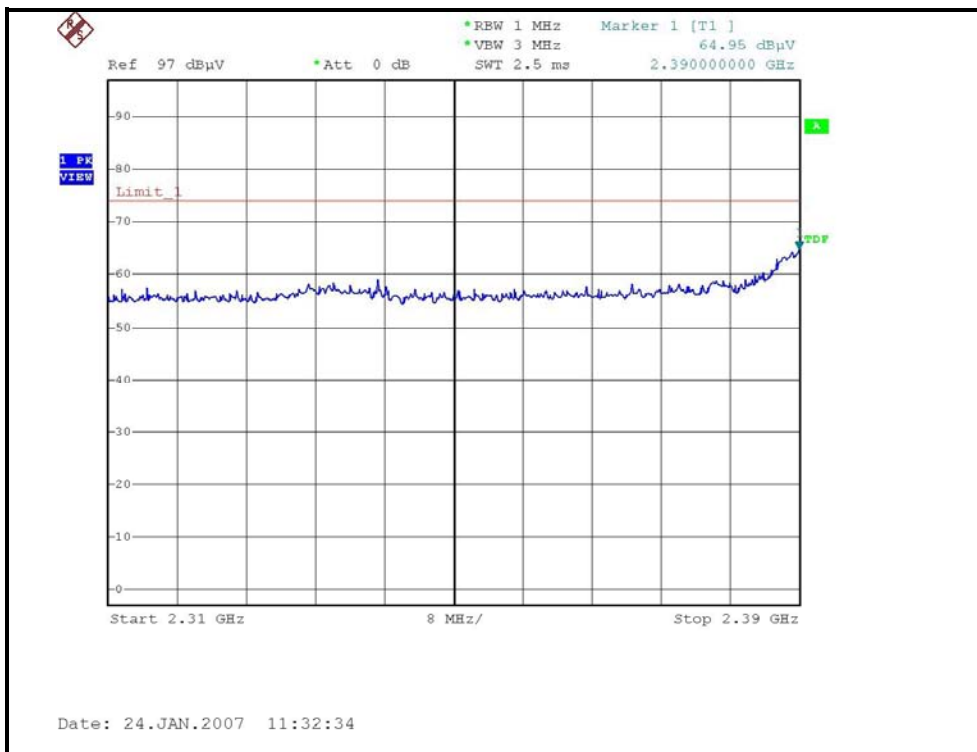
RESTRICTED BANDEDGE (802.11b MODE,CH1, VERTICAL)



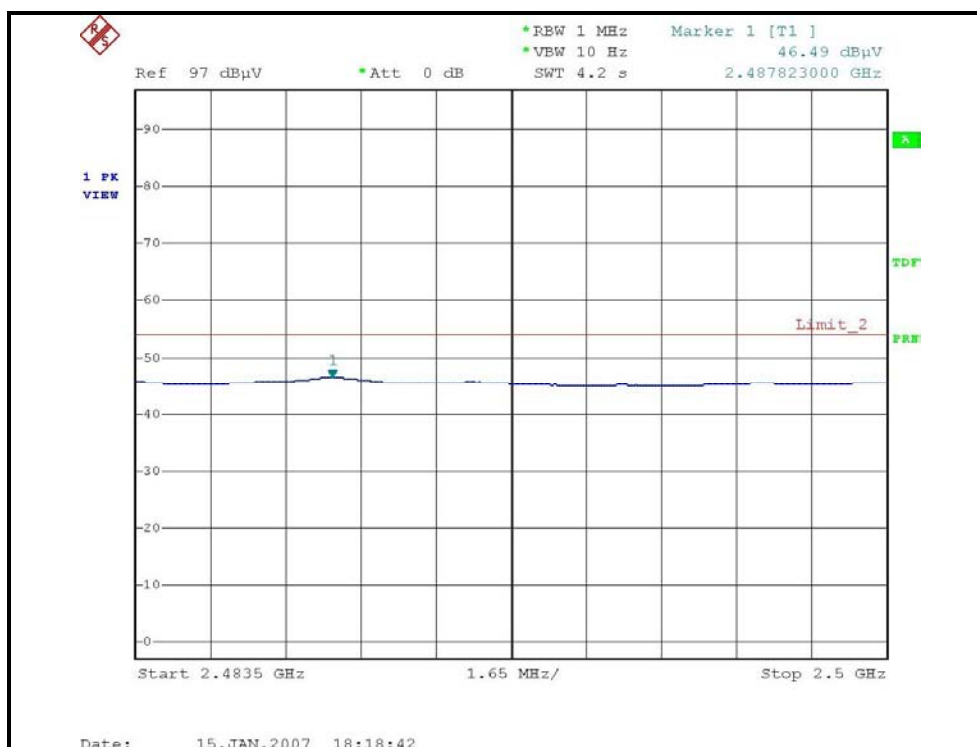
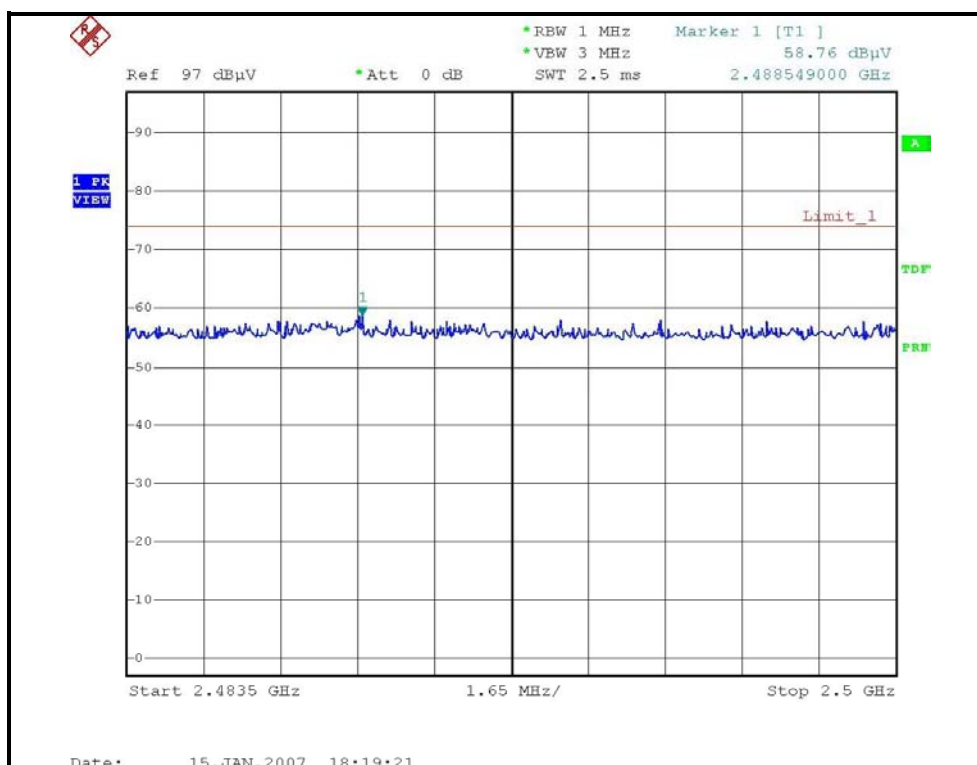
RESTRICTED BANDEDGE (802.11b MODE,CH2, HORIZONTAL)



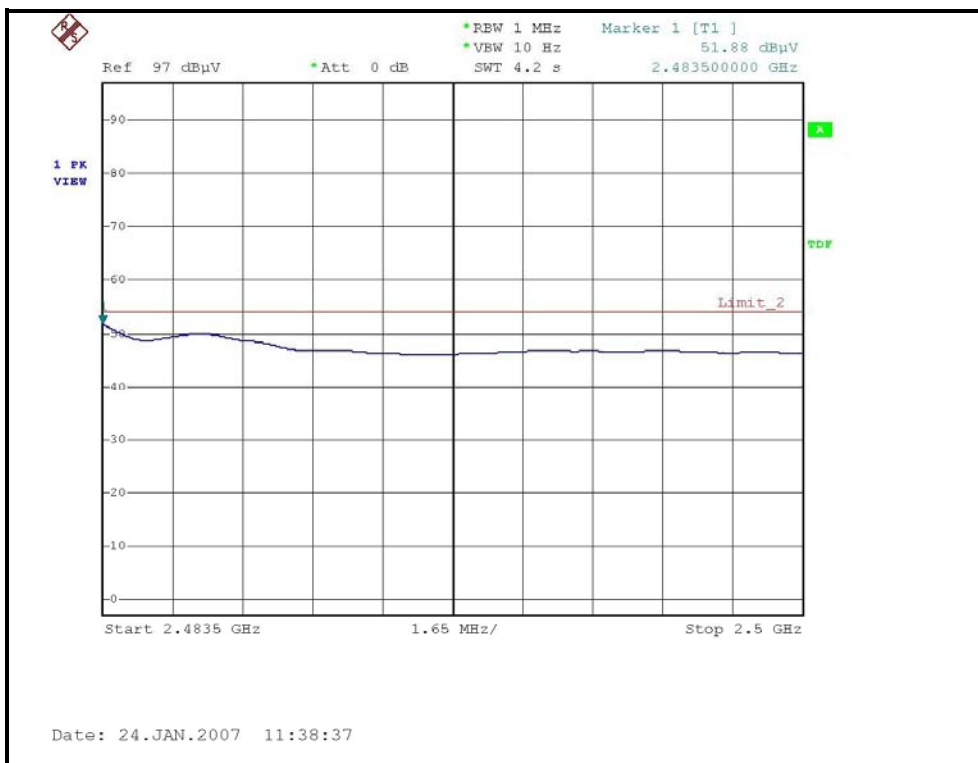
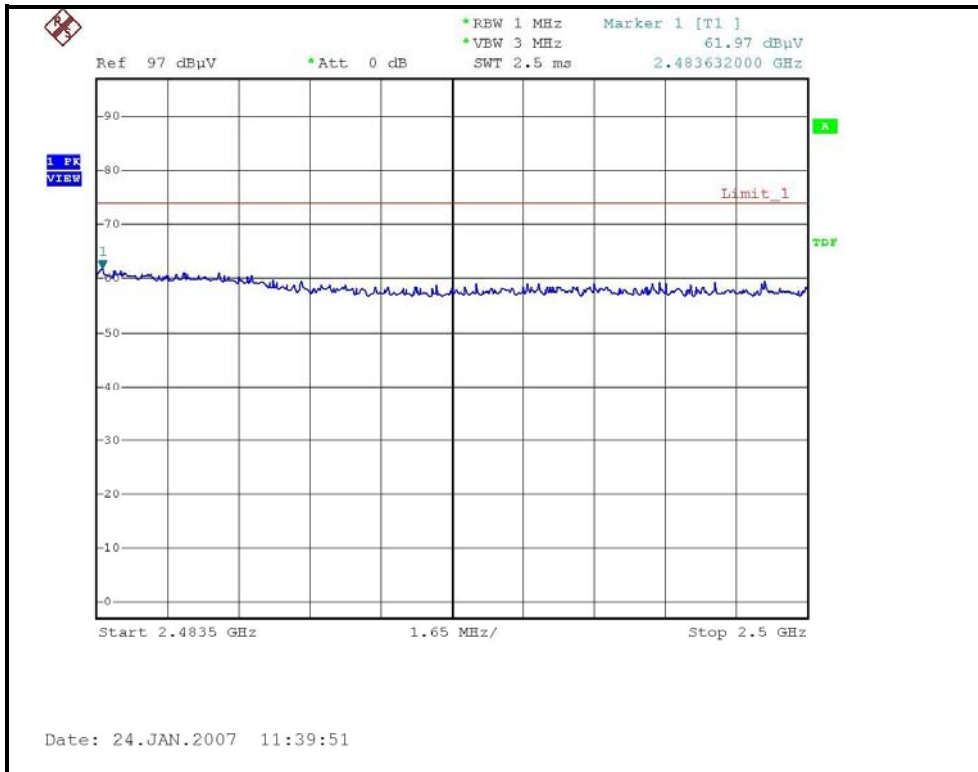
RESTRICTED BANDEDGE (802.11b MODE,CH2, VERTICAL)



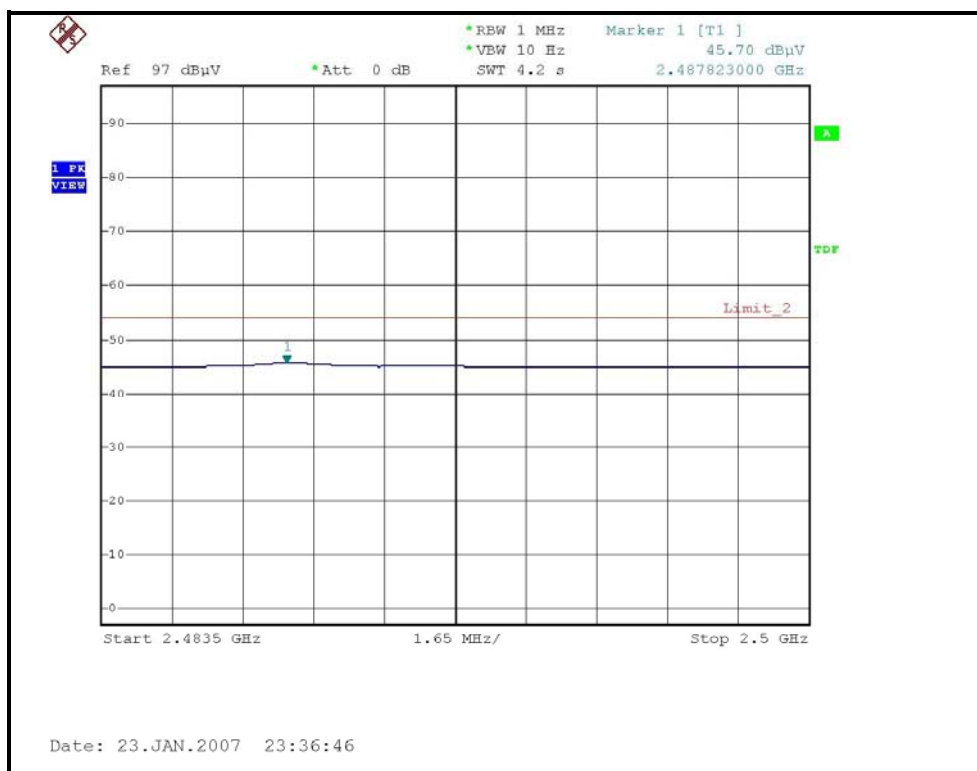
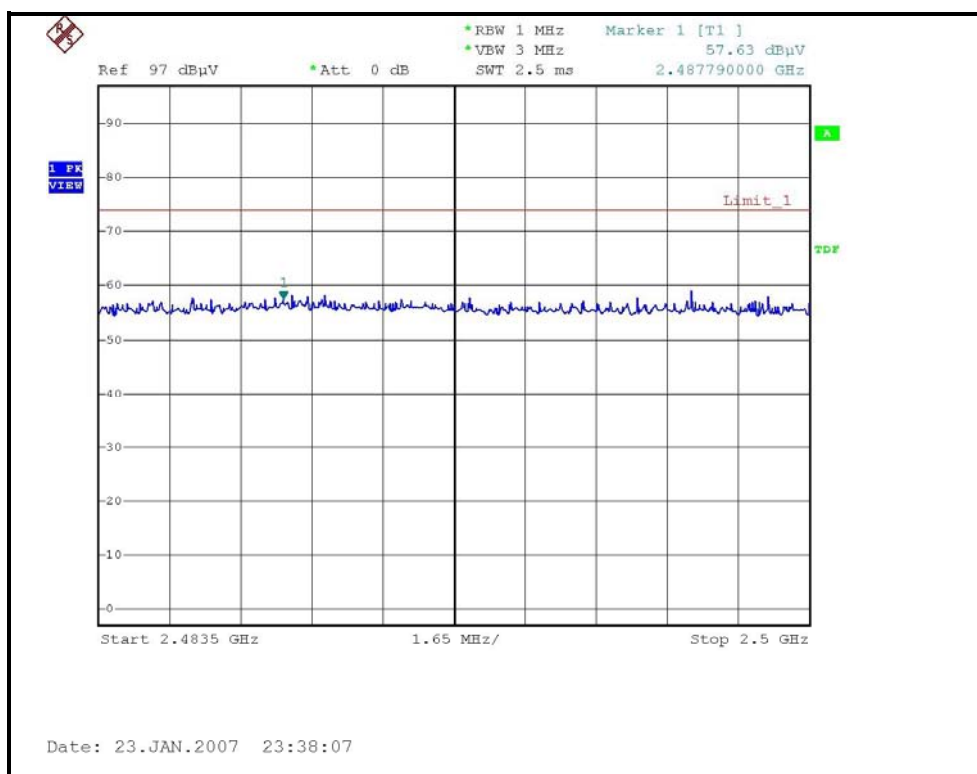
RESTRICTED BANDEDGE (802.11b MODE, CH10, HORIZONTAL)



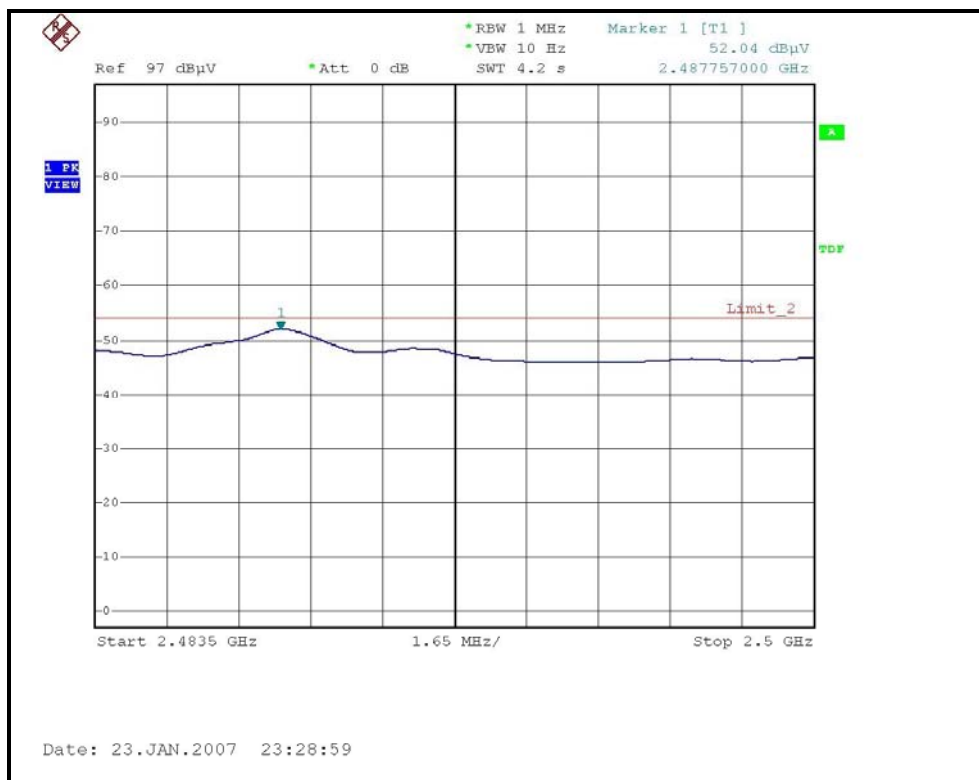
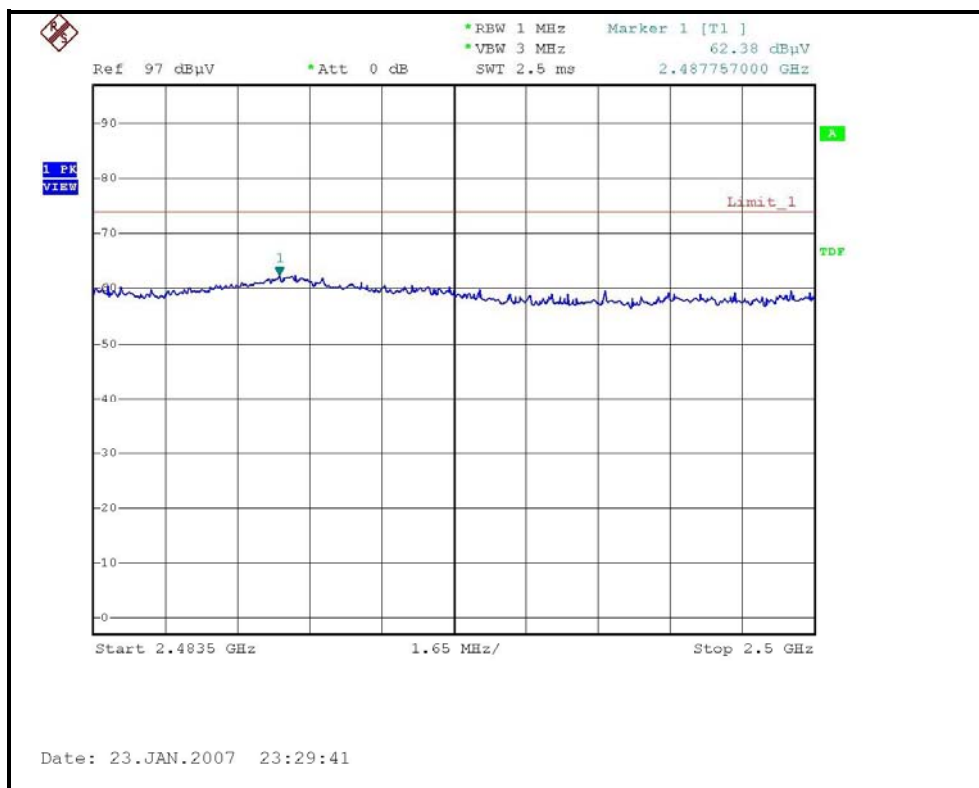
RESTRICTED BANDEDGE (802.11b MODE, CH10, VERTICAL)



RESTRICTED BANDEDGE (802.11b MODE,CH11, HORIZONTAL)



RESTRICTED BANDEDGE (802.11b MODE,CH11, VERTICAL)





802.11g OFDM modulation

MODE	Channel 1	FREQUENCY RANGE	1000~25000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION & BANDWIDTH	Peak (PK) Average (AV) 1 MHz
ENVIRONMENTAL CONDITIONS	18 deg. C, 56%RH, 980hPa	TESTED BY	Sky Liao

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	61.65 PK	74.00	-12.35	1.38 H	247	29.72	31.93
1	2390.00	45.90 AV	54.00	-8.10	1.38 H	247	13.97	31.93
2	*2412.00	96.80 PK			1.38 H	247	64.78	32.02
2	*2412.00	85.90 AV			1.38 H	247	53.88	32.02
3	4824.00	47.00 PK	74.00	-27.00	1.38 H	282	11.03	35.97
3	4824.00	32.80 AV	54.00	-21.20	1.38 H	282	-3.17	35.97
4	7236.00	51.08 PK	74.00	-22.92	1.35 H	45	8.84	42.24
4	7236.00	38.98 AV	54.00	-15.02	1.35 H	45	-3.26	42.24

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	72.30 PK	74.00	-1.70	1.48 V	93	40.37	31.93
1	2390.00	53.05 AV	54.00	-0.95	1.48 V	93	21.12	31.93
2	*2412.00	109.60 PK			1.46 V	93	77.58	32.02
2	*2412.00	99.20 AV			1.46 V	93	67.18	32.02
3	4824.00	47.10 PK	74.00	-26.90	1.20 V	18	11.13	35.97
3	4824.00	34.10 AV	54.00	-19.90	1.20 V	18	-1.87	35.97
4	7236.00	52.38 PK	74.00	-21.62	1.14 V	15	10.14	42.24
4	7236.00	38.58 AV	54.00	-15.42	1.14 V	15	-3.66	42.24

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



MODE	Channel 2	FREQUENCY RANGE	1000~25000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION & BANDWIDTH	Peak (PK) Average (AV) 1 MHz
ENVIRONMENTAL CONDITIONS	18 deg. C, 56%RH, 980hPa	TESTED BY	Sky Liao

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	58.90 PK	74.00	-15.10	1.40 H	250	26.97	31.93
1	2390.00	45.64 AV	54.00	-8.36	1.40 H	250	13.71	31.93
2	*2417.00	97.60 PK			1.40 H	250	65.57	32.03
2	*2417.00	87.60 AV			1.40 H	250	55.57	32.03
3	4834.00	47.22 PK	74.00	-26.78	1.33 H	280	11.23	35.99
3	4834.00	32.92 AV	54.00	-21.08	1.33 H	280	-3.07	35.99
4	7251.00	52.64 PK	74.00	-21.36	1.33 H	51	10.34	42.29
4	7251.00	38.84 AV	54.00	-15.16	1.33 H	51	-3.46	42.29

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	71.34 PK	74.00	-2.66	1.50 V	84	39.41	31.93
1	2390.00	52.96 AV	54.00	-1.04	1.50 V	84	21.03	31.93
2	*2417.00	110.50 PK			1.48 V	84	78.47	32.03
2	*2417.00	99.90 AV			1.48 V	84	67.87	32.03
3	4834.00	47.22 PK	74.00	-26.78	1.21 V	20	11.23	35.99
3	4834.00	34.22 AV	54.00	-19.78	1.21 V	20	-1.77	35.99
4	7251.00	50.64 PK	74.00	-23.36	1.15 V	21	8.34	42.29
4	7251.00	38.84 AV	54.00	-15.16	1.15 V	21	-3.46	42.29

- 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



MODE	Channel 6	FREQUENCY RANGE	1000~25000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION & BANDWIDTH	Peak (PK) Average (AV) 1 MHz
ENVIRONMENTAL CONDITIONS	18 deg. C, 56%RH, 980hPa	TESTED BY	Sky Liao

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	*2437.00	97.80 PK			1.40 H	250	65.69	32.11
1	*2437.00	87.40 AV			1.40 H	250	55.29	32.11
2	4874.00	46.71 PK	74.00	-27.29	1.30 H	335	10.63	36.08
2	4874.00	32.81 AV	54.00	-21.19	1.30 H	335	-3.27	36.08
3	7311.00	51.07 PK	74.00	-22.93	1.22 H	7	8.55	42.52
3	7311.00	38.07 AV	54.00	-15.93	1.22 H	7	-4.45	42.52

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	*2437.00	111.90 PK			1.42 V	276	79.79	32.11
1	*2437.00	101.10 AV			1.42 V	276	68.99	32.11
2	4874.00	49.51 PK	74.00	-24.49	1.27 V	25	13.43	36.08
2	4874.00	35.61 AV	54.00	-18.39	1.27 V	25	-0.47	36.08
3	7311.00	52.87 PK	74.00	-21.13	1.25 V	325	10.35	42.52
3	7311.00	39.07 AV	54.00	-14.93	1.25 V	325	-3.45	42.52

- 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



MODE	Channel 10	FREQUENCY RANGE	1000~25000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION & BANDWIDTH	Peak (PK) Average (AV) 1 MHz
ENVIRONMENTAL CONDITIONS	18 deg. C, 56%RH, 980hPa	TESTED BY	Sky Liao

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	*2457.00	98.80 PK			1.38 H	250	66.61	32.19
1	*2457.00	87.50 AV			1.38 H	250	55.31	32.19
2	2483.50	60.39 PK	74.00	-13.61	1.36 H	250	28.10	32.29
2	2483.50	46.39 AV	54.00	-7.61	1.36 H	250	14.10	32.29
3	4914.00	46.50 PK	74.00	-27.50	1.22 H	321	10.33	36.17
3	4914.00	32.90 AV	54.00	-21.10	1.22 H	321	-3.27	36.17
4	7371.00	51.19 PK	74.00	-22.81	1.36 H	26	8.45	42.74
4	7371.00	38.39 AV	54.00	-15.61	1.36 H	26	-4.35	42.74

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	*2457.00	110.50 PK			1.42 V	275	78.31	32.19
1	*2457.00	99.70 AV			1.42 V	275	67.51	32.19
2	2483.50	70.35 PK	74.00	-3.65	1.32 V	275	38.06	32.29
2	2483.50	53.21 AV	54.00	-0.79	1.32 V	275	20.92	32.29
3	4914.00	46.90 PK	74.00	-27.10	1.20 V	12	10.73	36.17
3	4914.00	33.80 AV	54.00	-20.20	1.20 V	12	-2.37	36.17
4	7371.00	52.39 PK	74.00	-21.61	1.22 V	11	9.65	42.74
4	7371.00	38.69 AV	54.00	-15.31	1.22 V	11	-4.05	42.74

- 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



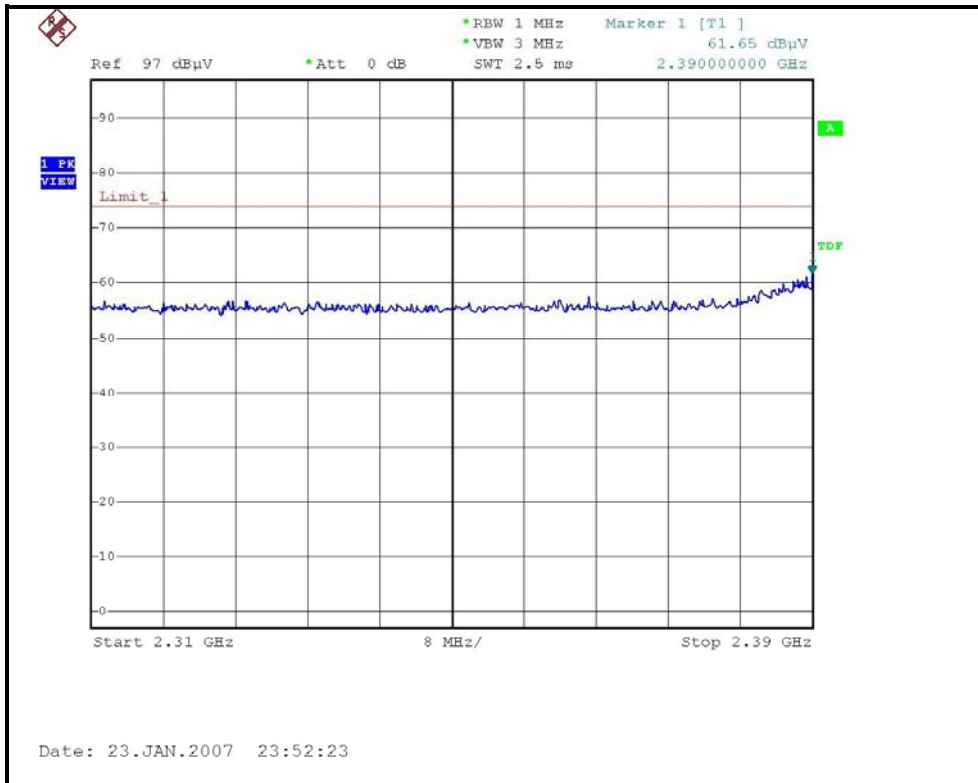
MODE	Channel 11	FREQUENCY RANGE	1000~25000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	DETECTOR FUNCTION & BANDWIDTH	Peak (PK) Average (AV) 1 MHz
ENVIRONMENTAL CONDITIONS	18 deg. C, 56%RH, 980hPa	TESTED BY	Sky Liao

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	98.00 PK			1.37 H	250	65.79	32.21
1	*2462.00	87.40 AV			1.37 H	250	55.19	32.21
2	2483.50	60.32 PK	74.00	-13.68	1.37 H	250	28.03	32.29
2	2483.50	46.43 AV	54.00	-7.57	1.37 H	250	14.14	32.29
3	4924.00	46.62 PK	74.00	-27.38	1.26 H	322	10.43	36.19
3	4924.00	32.82 AV	54.00	-21.18	1.26 H	322	-3.37	36.19
4	7386.00	51.15 PK	74.00	-22.85	1.33 H	25	8.35	42.80
4	7386.00	38.35 AV	54.00	-15.65	1.33 H	25	-4.45	42.80

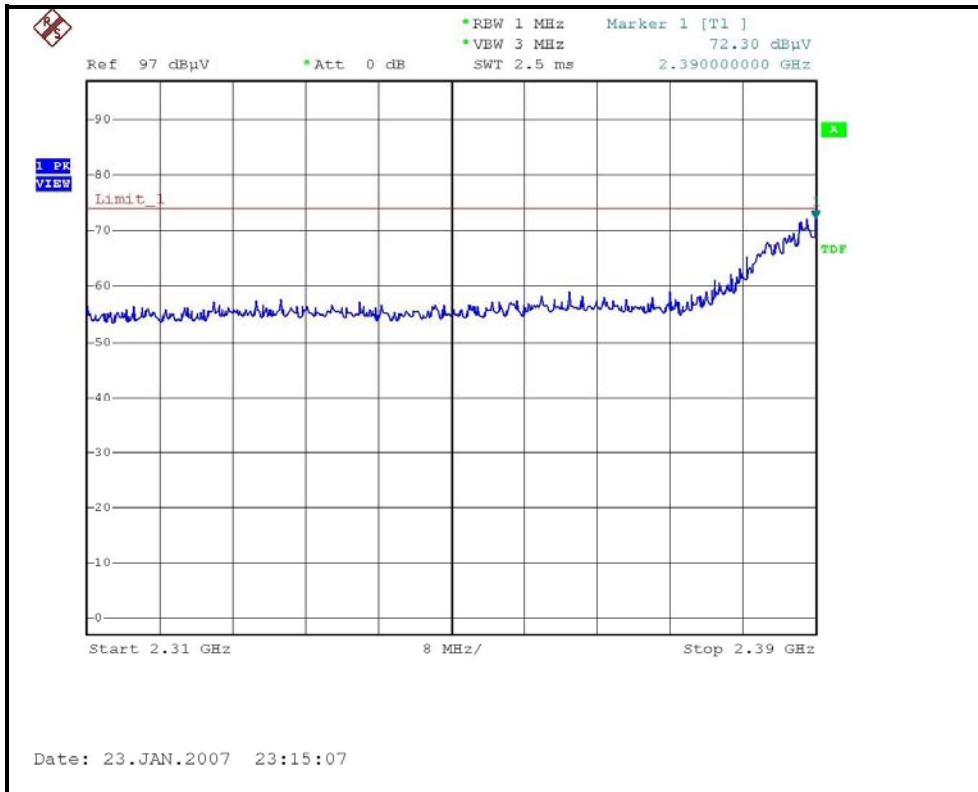
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M								
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	*2462.00	109.30 PK			1.43 V	276	77.09	32.21
1	*2462.00	98.60 AV			1.43 V	276	66.39	32.21
2	2483.50	71.80 PK	74.00	-2.20	1.32 V	276	39.51	32.29
2	2483.50	53.22 AV	54.00	-0.78	1.32 V	276	20.93	32.29
3	4924.00	47.02 PK	74.00	-26.98	1.18 V	10	10.83	36.19
3	4924.00	33.92 AV	54.00	-20.08	1.18 V	10	-2.27	36.19
4	7386.00	52.25 PK	74.00	-21.75	1.20 V	10	9.45	42.80
4	7386.00	38.65 AV	54.00	-15.35	1.20 V	10	-4.15	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

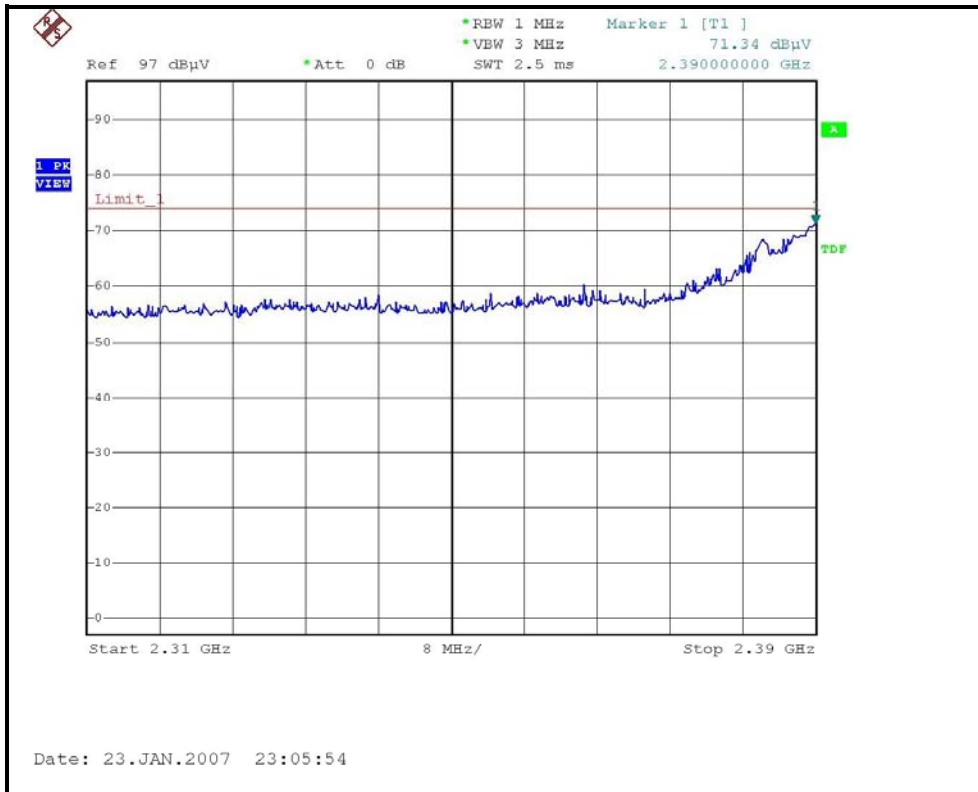
RESTRICTED BANDEDGE (802.11g MODE,CH1, HORIZONTAL)



RESTRICTED BANDEDGE (802.11g MODE, CH1, VERTICAL)



RESTRICTED BANDEDGE (802.11g MODE,CH2, VERTICAL)



RESTRICTED BANDEDGE (802.11g MODE,CH10, VERTICAL)

