4.2.13 TEST RESULTS (ANTENNA 8)

Below 1GHz Worst-Case Data

MODULATION TYPE	DSSS	**CHANNEL**	Channel 1
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**FREQUENCY RANGE**	30-1000 MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 56%RH, 970hPa	**TRANSFER RATE**	1Mbps
TESTED BY	Wen Yu	**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	139.01	33.30 QP	43.50	-10.20	1.42 H	48	19.90	13.40
2	252.00	32.70 QP	46.00	-13.30	1.03 H	120	18.90	13.80
3	375.01	28.90 QP	46.00	-17.10	1.02 H	336	10.70	18.20
4	500.01	32.00 QP	46.00	-14.00	1.76 H	69	10.30	21.80
5	675.63	36.80 QP	46.00	-9.20	1.20 H	320	11.40	25.40
6	863.87	33.90 QP	46.00	-12.10	1.11 H	125	5.30	28.50

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	134.55	26.60 QP	43.50	-16.90	1.16 V	263	13.60	13.00
2	236.38	23.60 QP	46.00	-22.40	1.36 V	163	10.50	13.20
3	375.01	36.30 QP	46.00	-9.70	1.00 V	246	18.10	18.20
4	500.02	31.20 QP	46.00	-14.80	1.04 V	339	9.40	21.80
5	673.15	38.30 QP	46.00	-7.70	1.00 V	168	12.90	25.40
6	863.87	32.50 QP	46.00	-13.50	1.00 V	1	4.00	28.50

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	23 deg. C, 63%RH, 970hPa	**TESTED BY**	Tony Chen

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	2320.00	56.70 PK	74.00	-17.30	1.63 H	261	25.00	31.70
1	2320.00	50.70 AV	54.00	-3.30	1.63 H	261	19.00	31.70
2	2386.00	62.60 PK	74.00	-11.40	1.03 H	303	30.70	31.90
2	2386.00	53.40 AV	54.00	-0.60	1.03 H	303	21.50	31.90
3	*2412.00	111.50 PK			1.27 H	60	79.40	32.00
3	*2412.00	106.90 AV			1.27 H	60	74.90	32.00
4	4824.00	45.00 PK	74.00	-29.00	1.31 H	272	9.00	36.00
4	4824.00	34.30 AV	54.00	-19.70	1.31 H	272	-1.70	36.00
5	7236.00	51.80 PK	74.00	-22.20	1.12 H	151	9.60	42.20
5	7236.00	38.90 AV	54.00	-15.10	1.12 H	151	-3.30	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	2320.00	49.20 PK	74.00	-24.80	1.35 V	348	17.50	31.70
1	2320.00	44.50 AV	54.00	-9.50	1.35 V	348	12.80	31.70
2	2386.00	59.80 PK	74.00	-14.20	1.47 V	3	27.90	31.90
2	2386.00	50.10 AV	54.00	-3.90	1.47 V	3	18.20	31.90
3	*2412.00	105.90 PK			1.47 V	3	73.90	32.00
3	*2412.00	101.20 AV			1.47 V	3	69.20	32.00
4	4824.00	45.10 PK	74.00	-28.90	1.27 V	282	9.10	36.00
4	4824.00	34.50 AV	54.00	-19.50	1.27 V	282	-1.50	36.00
5	7236.00	52.10 PK	74.00	-21.90	1.28 V	324	9.90	42.20
5	7236.00	39.10 AV	54.00	-14.90	1.28 V	324	-3.10	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

MODE	Channel 6	**FREQUENCY RANGE**	1000~25000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**DETECTOR FUNCTION & BANDWIDTH**	Peak (PK) Average (AV) 1 MHz
ENVIRONMENTAL CONDITIONS	23 deg. C, 63%RH, 970hPa	**TESTED BY**	Tony Chen

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	2233.00	60.90 PK	74.00	-13.10	1.00 H	225	29.60	31.30
1	2233.00	52.50 AV	54.00	-1.50	1.00 H	225	21.20	31.30
2	2320.00	59.70 PK	74.00	-14.30	1.62 H	282	28.00	31.70
2	2320.00	53.20 AV	54.00	-0.80	1.62 H	282	21.50	31.70
3	2386.00	63.40 PK	74.00	-10.60	1.05 H	307	31.50	31.90
3	2386.00	53.40 AV	54.00	-0.60	1.05 H	307	21.50	31.90
4	*2437.00	115.50 PK			1.14 H	313	83.40	32.10
4	*2437.00	111.50 AV			1.14 H	313	79.40	32.10
5	2484.60	60.20 PK	74.00	-13.80	1.25 H	318	27.90	32.30
5	2484.60	49.30 AV	54.00	-4.70	1.25 H	318	17.00	32.30
6	4874.00	48.30 PK	74.00	-25.70	1.20 H	289	12.20	36.10
6	4874.00	41.50 AV	54.00	-12.50	1.20 H	289	5.40	36.10
7	7311.00	53.20 PK	74.00	-20.80	1.12 H	289	10.70	42.50
7	7311.00	43.50 AV	54.00	-10.50	1.12 H	289	1.00	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	2233.00	57.60 PK	74.00	-16.40	1.00 V	172	26.30	31.30
1	2233.00	48.00 AV	54.00	-6.00	1.00 V	172	16.70	31.30
2	2320.00	53.10 PK	74.00	-20.90	1.10 V	357	21.40	31.70
2	2320.00	45.50 AV	54.00	-8.50	1.10 V	357	13.80	31.70
3	2386.30	57.10 PK	74.00	-16.90	1.03 V	10	25.20	31.90
3	2386.30	47.30 AV	54.00	-6.70	1.03 V	10	15.40	31.90
4	*2437.00	111.80 PK			1.46 V	4	79.60	32.10
4	*2437.00	107.30 AV			1.46 V	4	75.20	32.10
5	2484.60	58.20 PK	74.00	-15.80	1.01 V	357	25.90	32.30
5	2484.60	46.40 AV	54.00	-7.60	1.01 V	357	14.10	32.30
6	4874.00	48.10 PK	74.00	-25.90	1.58 V	348	12.00	36.10
6	4874.00	41.50 AV	54.00	-12.50	1.58 V	348	5.40	36.10
7	7311.00	56.80 PK	74.00	-17.20	1.55 V	352	14.30	42.50
7	7311.00	48.50 AV	54.00	-5.50	1.55 V	352	6.00	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

MODE	Channel 11	**FREQUENCY RANGE**	1000~25000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**DETECTOR FUNCTION & BANDWIDTH**	Peak (PK) Average (AV) 1 MHz
ENVIRONMENTAL CONDITIONS	23 deg. C, 63%RH, 970hPa	**TESTED BY**	Tony Chen

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

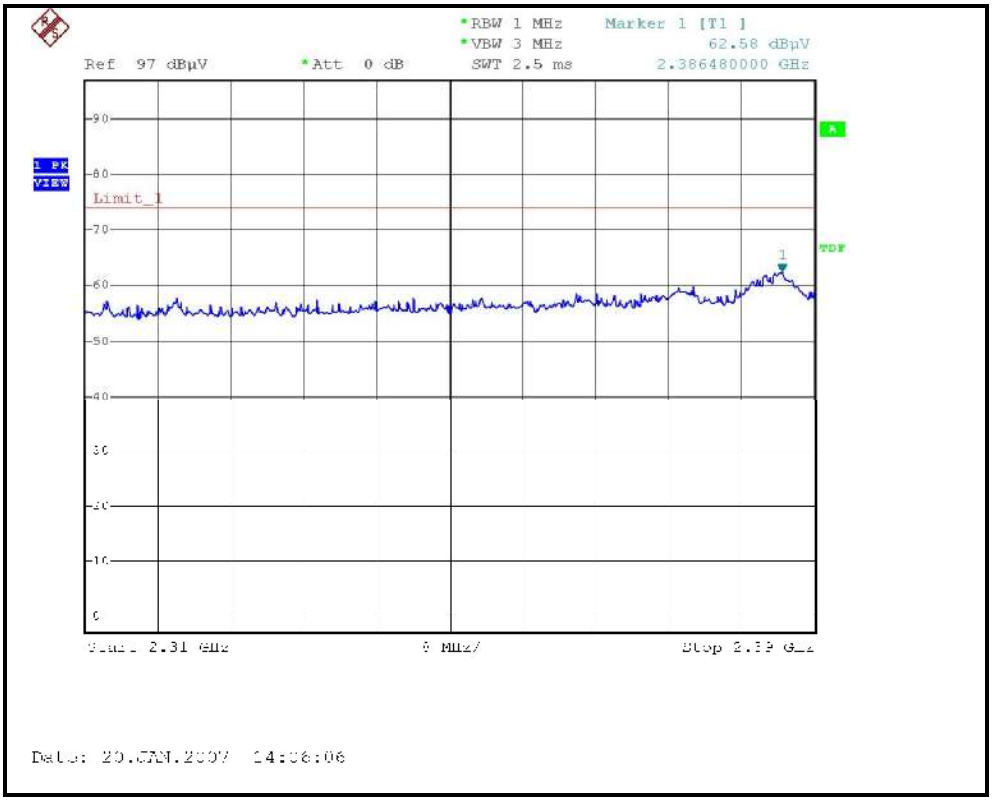
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2320.00	57.70 PK	74.00	-16.30	1.62 H	246	26.00	31.70
1	2320.00	52.50 AV	54.00	-1.50	1.62 H	246	20.80	31.70
2	*2462.00	112.40 PK			1.15 H	309	80.20	32.20
2	*2462.00	107.80 AV			1.15 H	309	75.60	32.20
3	2488.00	62.40 PK	74.00	-11.60	1.00 H	306	30.10	32.30
3	2488.00	52.80 AV	54.00	-1.20	1.00 H	306	20.50	32.30
4	4924.00	44.70 PK	74.00	-29.30	1.19 H	61	8.50	36.20
4	4924.00	35.50 AV	54.00	-18.50	1.19 H	61	-0.70	36.20
5	7386.00	52.30 PK	74.00	-21.70	1.07 H	14	9.50	42.80
5	7386.00	38.70 AV	54.00	-15.30	1.07 H	14	-4.10	42.80

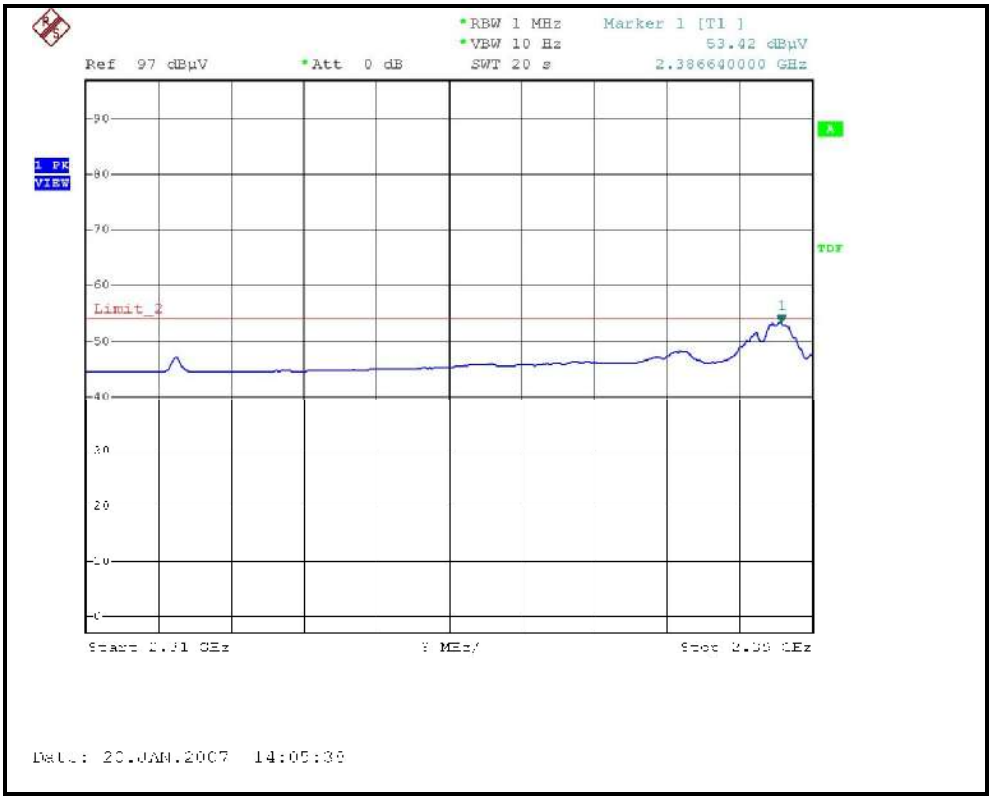
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

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	2320.00	52.70 PK	74.00	-21.30	1.12 V	344	21.00	31.70
1	2320.00	45.90 AV	54.00	-8.10	1.12 V	344	14.20	31.70
2	*2462.00	107.80 PK			1.40 V	4	75.60	32.20
2	*2462.00	103.30 AV			1.40 V	4	71.10	32.20
3	2488.00	60.50 PK	74.00	-13.50	1.40 V	4	28.20	32.30
3	2488.00	49.60 AV	54.00	-4.40	1.40 V	4	17.30	32.30
4	4924.00	45.90 PK	74.00	-28.10	1.43 V	3	9.70	36.20
4	4924.00	36.10 AV	54.00	-17.90	1.43 V	3	-0.10	36.20
5	7386.00	52.70 PK	74.00	-21.30	1.08 V	12	9.90	42.80
5	7386.00	39.80 AV	54.00	-14.20	1.08 V	12	-3.00	42.80

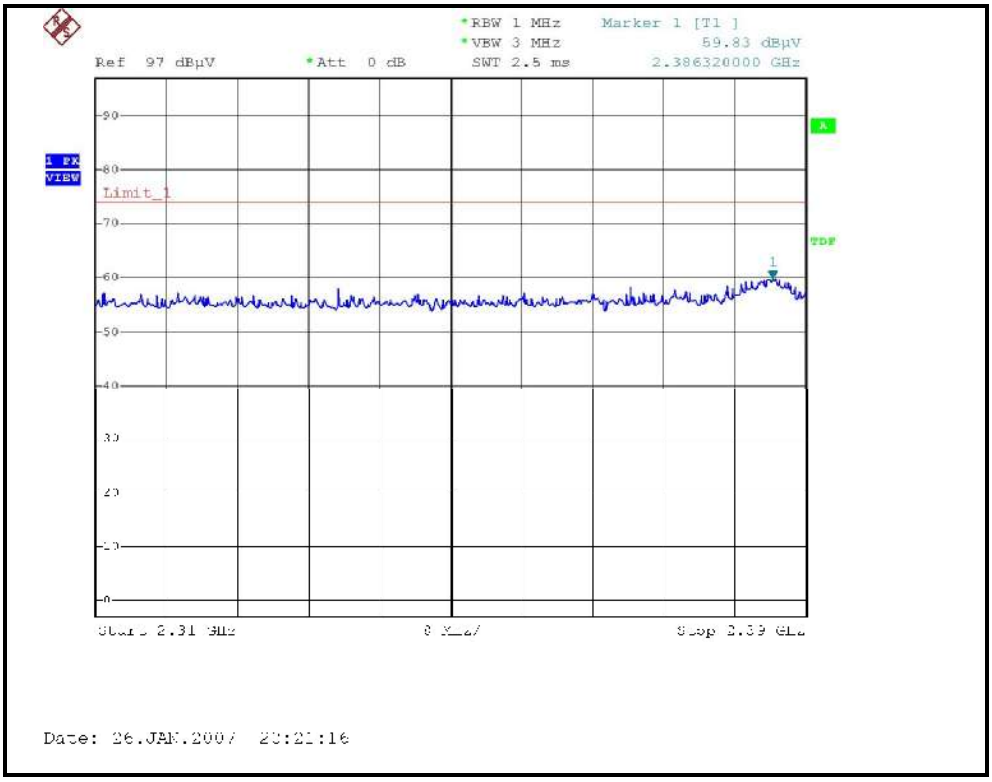
REMARKS:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. The limit value is defined as per 15.247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

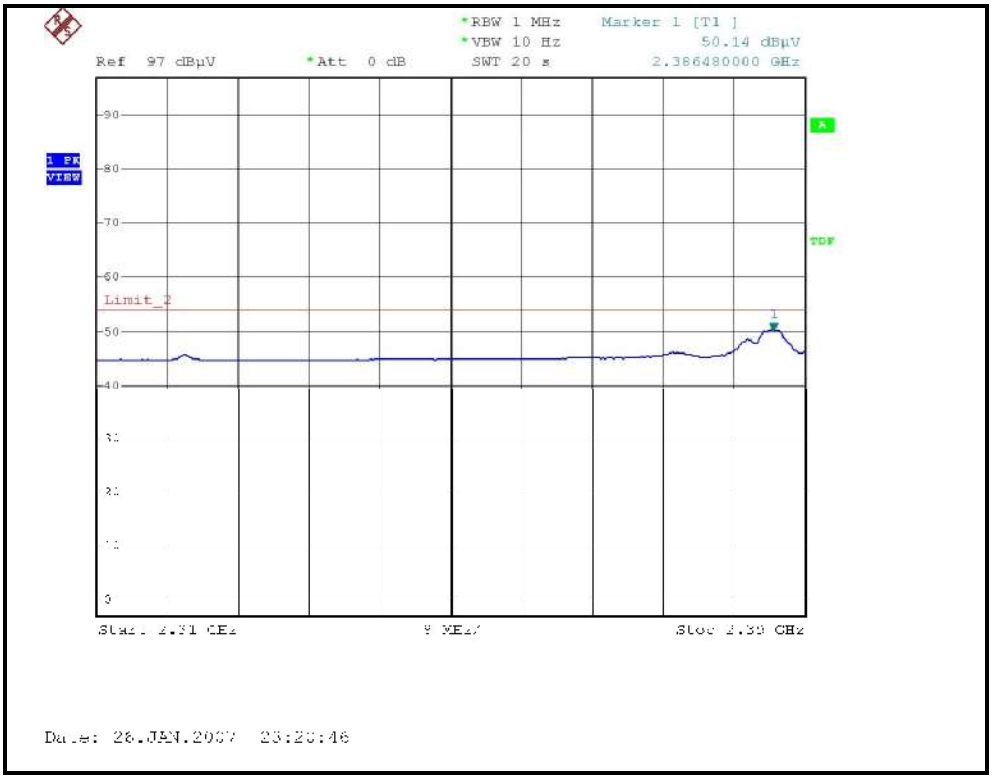
RESTRICTED BANDEDGE (802.11b MODE,CH1, HORIZONTAL)



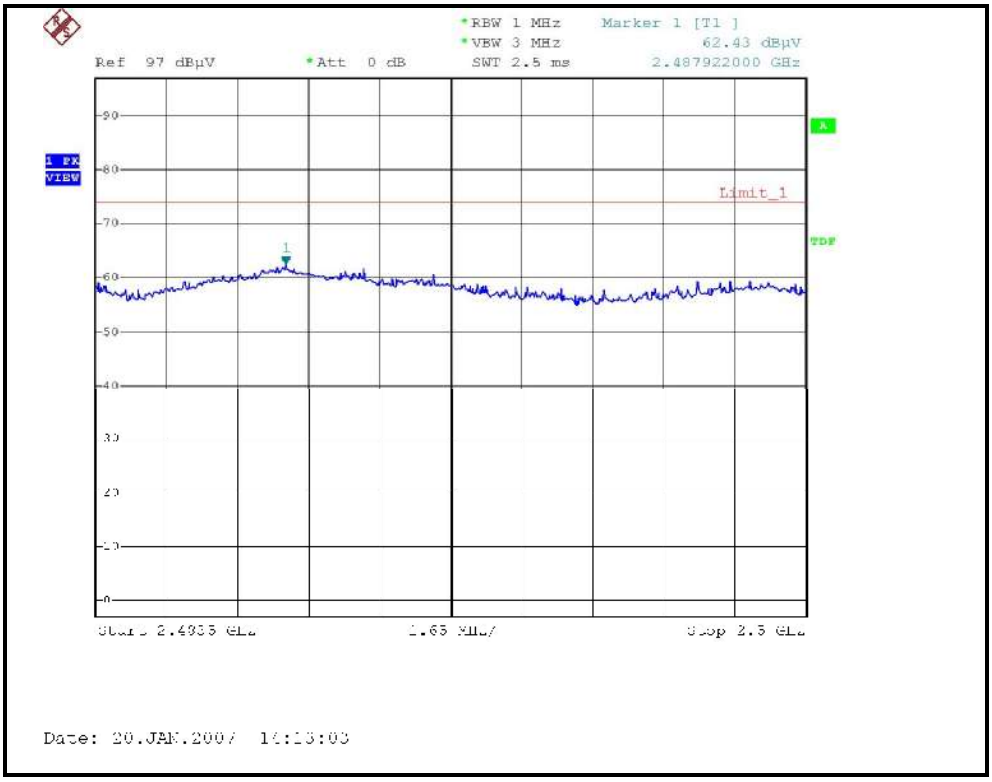


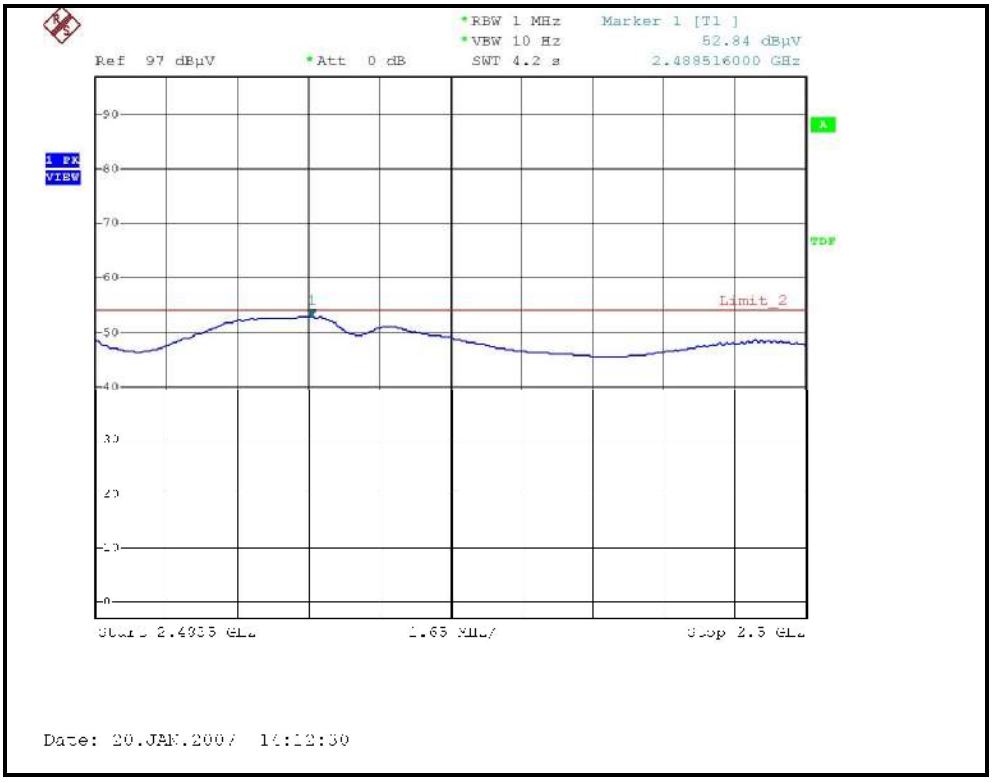
RESTRICTED BANDEDGE (802.11b MODE,CH1, VERTICAL)



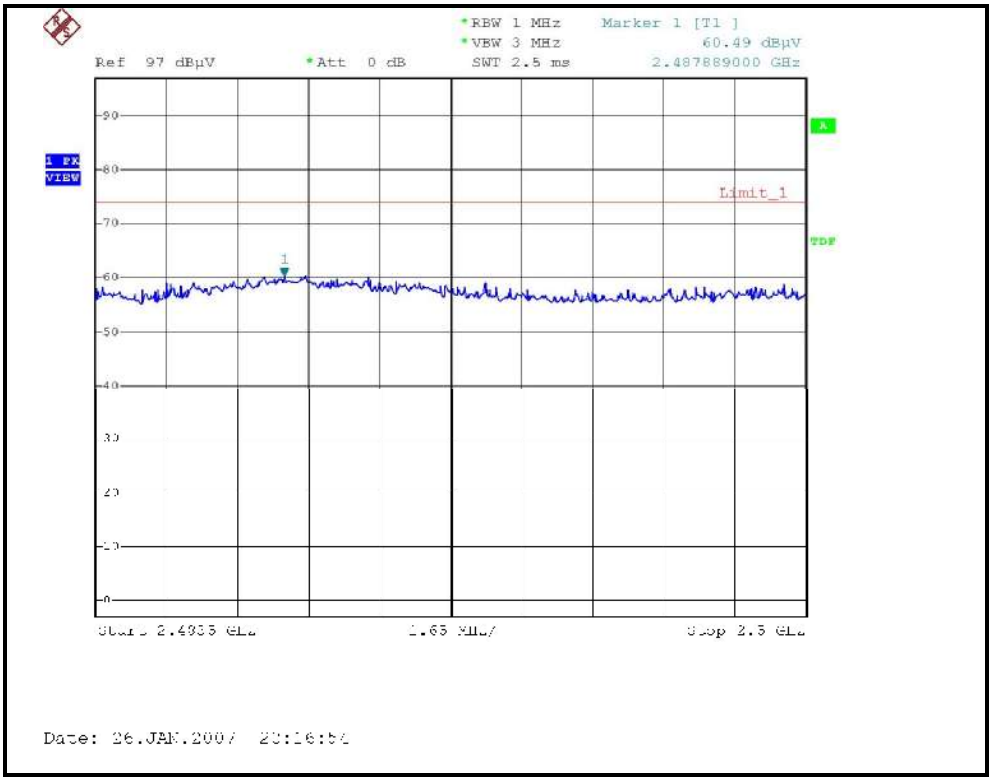


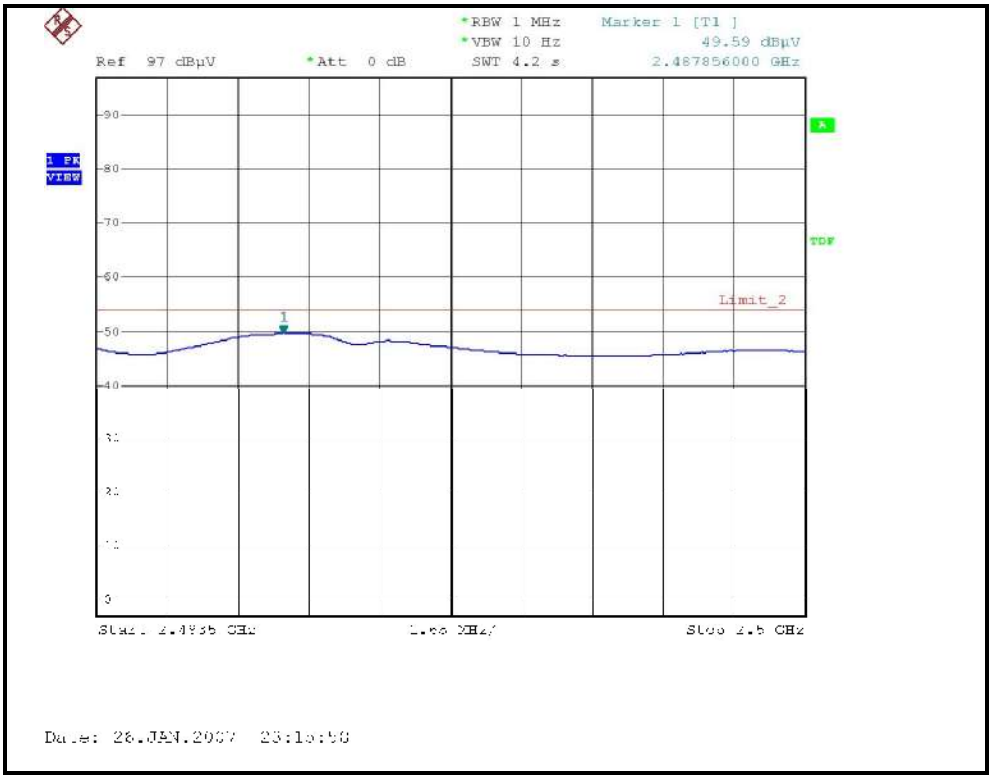
RESTRICTED BANDEDGE (802.11b MODE,CH11, HORIZONTAL)





RESTRICTED BANDEDGE (802.11b MODE,CH11, VERTICAL)





802.11g OFDM modulation

MODE	Channel 1	**FREQUENCY RANGE**	1000~25000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**DETECTOR FUNCTION & BANDWIDTH**	Peak (PK) Average (AV) 6 MHz
ENVIRONMENTAL CONDITIONS	23 deg. C, 63%RH, 970hPa	**TESTED BY**	Tony Chen

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	2320.00	59.60 PK	74.00	-14.40	1.40 H	64	27.90	31.70
1	2320.00	53.20 AV	54.00	-0.80	1.40 H	64	21.50	31.70
2	2390.00	70.00 PK	74.00	-4.00	1.03 H	305	38.10	31.90
2	2390.00	53.50 AV	54.00	-0.50	1.03 H	305	21.60	31.90
3	*2412.00	112.20 PK			1.11 H	320	80.20	32.00
3	*2412.00	101.80 AV			1.11 H	320	69.80	32.00
4	4824.00	49.70 PK	74.00	-24.30	1.07 H	355	13.70	36.00
4	4824.00	34.70 AV	54.00	-19.30	1.07 H	355	-1.30	36.00
5	7236.00	52.70 PK	74.00	-21.30	1.37 H	75	10.50	42.20
5	7236.00	38.90 AV	54.00	-15.10	1.37 H	75	-3.30	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	2320.00	59.20 PK	74.00	-14.80	1.31 V	72	27.50	31.70
1	2320.00	49.10 AV	54.00	-4.90	1.31 V	72	17.40	31.70
2	2390.00	65.50 PK	74.00	-8.50	1.41 V	0	33.50	31.90
2	2390.00	48.10 AV	54.00	-5.90	1.41 V	0	16.20	31.90
3	*2412.00	106.60 PK			1.41 V	0	74.60	32.00
3	*2412.00	95.80 AV			1.41 V	0	63.70	32.00
4	4824.00	49.90 PK	74.00	-24.10	1.20 V	87	13.90	36.00
4	4824.00	35.70 AV	54.00	-18.30	1.20 V	87	-0.30	36.00
5	7236.00	53.20 PK	74.00	-20.80	1.12 V	63	11.00	42.20
5	7236.00	38.80 AV	54.00	-15.20	1.12 V	63	-3.40	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

MODE	Channel 6	**FREQUENCY RANGE**	1000~25000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**DETECTOR FUNCTION & BANDWIDTH**	Peak (PK) Average (AV) 6 MHz
ENVIRONMENTAL CONDITIONS	23 deg. C, 63%RH, 970hPa	**TESTED BY**	Tony Chen

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	2233.00	59.80 PK	74.00	-14.20	1.00 H	220	28.50	31.30
1	2233.00	52.40 AV	54.00	-1.60	1.00 H	220	21.10	31.30
2	2320.00	61.20 PK	74.00	-12.80	1.64 H	283	29.50	31.70
2	2320.00	53.50 AV	54.00	-0.50	1.64 H	283	21.80	31.70
3	2390.00	68.80 PK	74.00	-5.20	1.05 H	305	36.90	31.90
3	2390.00	52.80 AV	54.00	-1.20	1.05 H	305	20.90	31.90
4	*2437.00	119.00 PK			1.15 H	307	86.80	32.10
4	*2437.00	108.40 AV			1.15 H	307	76.30	32.10
5	2483.50	69.80 PK	74.00	-4.20	1.26 H	317	37.50	32.30
5	2483.50	50.60 AV	54.00	-3.40	1.26 H	317	18.30	32.30
6	4874.00	48.10 PK	74.00	-25.90	1.22 H	288	12.00	36.10
6	4874.00	34.10 AV	54.00	-19.90	1.22 H	288	-2.00	36.10
7	7311.00	54.20 PK	74.00	-19.80	1.02 H	20	11.70	42.50
7	7311.00	42.20 AV	54.00	-11.80	1.02 H	20	-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	2233.00	58.10 PK	74.00	-15.90	1.00 V	188	26.80	31.30
1	2233.00	48.30 AV	54.00	-5.70	1.00 V	188	17.00	31.30
2	2320.00	53.70 PK	74.00	-20.30	1.33 V	348	22.00	31.70
2	2320.00	47.10 AV	54.00	-6.90	1.33 V	348	15.40	31.70
3	2388.40	66.10 PK	74.00	-7.90	1.02 V	347	34.20	31.90
3	2388.40	49.40 AV	54.00	-4.60	1.02 V	347	17.50	31.90
4	*2437.00	114.30 PK			1.17 V	0	82.20	32.10
4	*2437.00	103.30 AV			1.17 V	0	71.20	32.10
5	2483.50	65.50 PK	74.00	-8.50	1.01 V	9	33.20	32.30
5	2483.50	47.70 AV	54.00	-6.30	1.01 V	9	15.40	32.30
6	4874.00	47.30 PK	74.00	-26.70	1.46 V	339	11.20	36.10
6	4874.00	34.10 AV	54.00	-19.90	1.46 V	339	-2.00	36.10
7	7311.00	59.20 PK	74.00	-14.80	1.19 V	354	16.70	42.50
7	7311.00	44.30 AV	54.00	-9.70	1.19 V	354	1.80	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

MODE	Channel 11	**FREQUENCY RANGE**	1000~25000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**DETECTOR FUNCTION & BANDWIDTH**	Peak (PK) Average (AV) 6 MHz
ENVIRONMENTAL CONDITIONS	23 deg. C, 63%RH, 970hPa	**TESTED BY**	Tony Chen

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

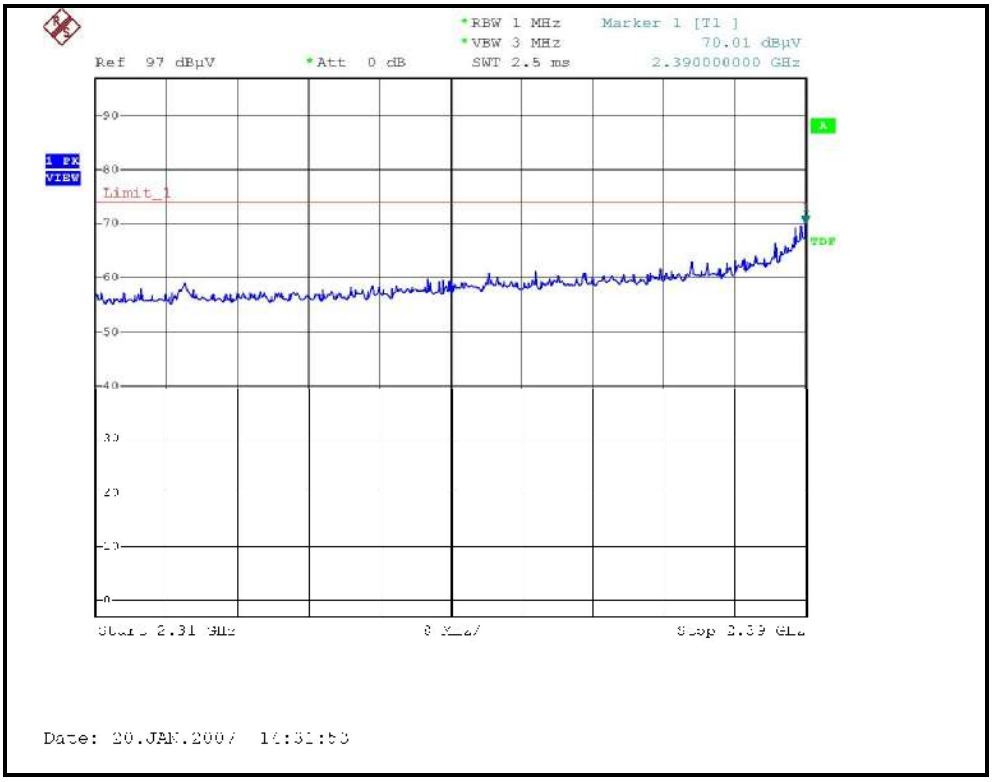
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2320.00	58.40 PK	74.00	-15.60	1.42 H	65	26.80	31.70
1	2320.00	51.00 AV	54.00	-3.00	1.42 H	65	19.30	31.70
2	*2462.00	115.00 PK			1.14 H	308	82.80	32.20
2	*2462.00	104.30 AV			1.14 H	308	72.10	32.20
3	2483.50	72.10 PK	74.00	-1.90	1.00 H	350	39.80	32.30
3	2483.50	53.00 AV	54.00	-1.00	1.00 H	350	20.70	32.30
4	4924.00	50.20 PK	74.00	-23.80	1.31 H	172	14.00	36.20
4	4924.00	33.20 AV	54.00	-20.80	1.31 H	172	-3.00	36.20
5	7386.00	53.20 PK	74.00	-20.80	1.36 H	178	10.40	42.80
5	7386.00	39.60 AV	54.00	-14.40	1.36 H	178	-3.20	42.80

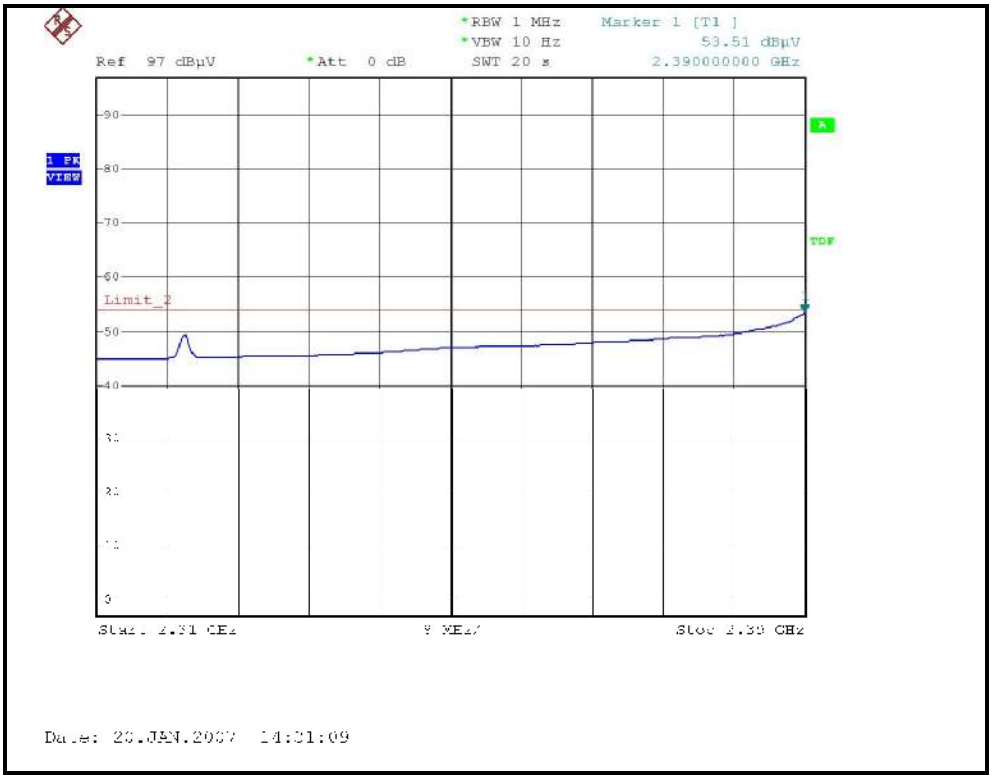
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

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	2320.00	54.00 PK	74.00	-20.00	1.88 V	345	22.30	31.70
1	2320.00	47.50 AV	54.00	-6.50	1.88 V	345	15.80	31.70
2	*2462.00	109.80 PK			1.39 V	7	77.50	32.20
2	*2462.00	99.50 AV			1.39 V	7	67.20	32.20
3	2483.50	69.70 PK	74.00	-4.30	1.39 V	7	37.40	32.30
3	2483.50	50.10 AV	54.00	-3.90	1.39 V	7	17.80	32.30
4	4924.00	44.50 PK	74.00	-29.50	1.19 V	332	8.30	36.20
4	4924.00	33.50 AV	54.00	-20.50	1.19 V	332	-2.70	36.20
5	7386.00	52.30 PK	74.00	-21.70	1.58 V	164	9.50	42.80
5	7386.00	44.30 AV	54.00	-9.70	1.58 V	164	1.50	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)





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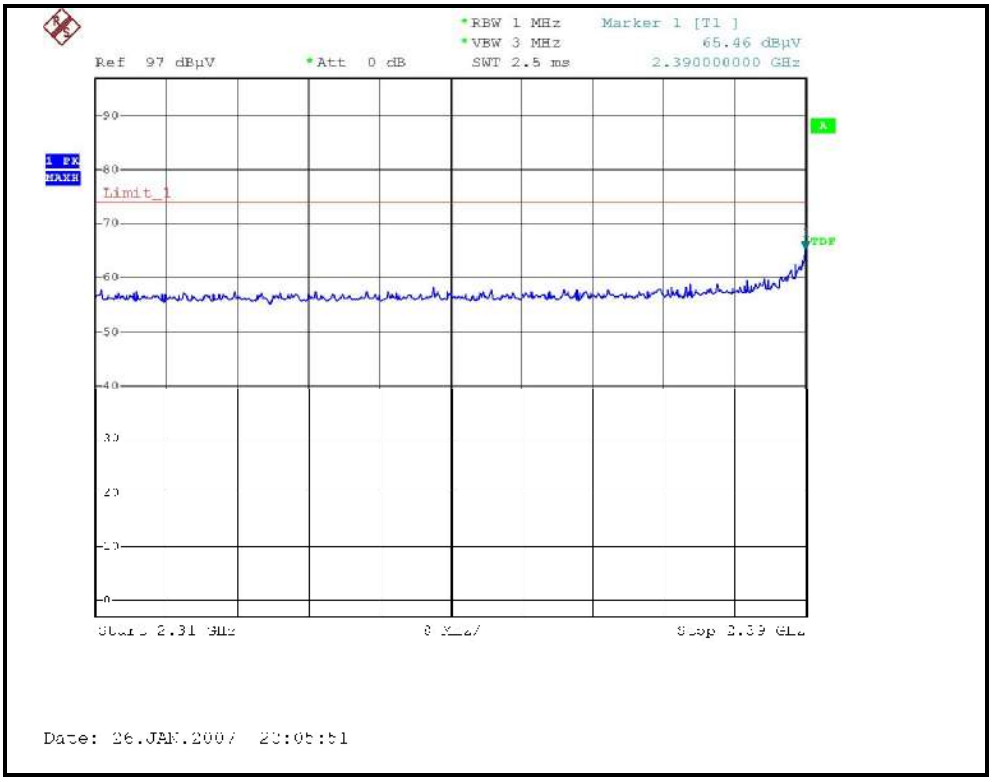

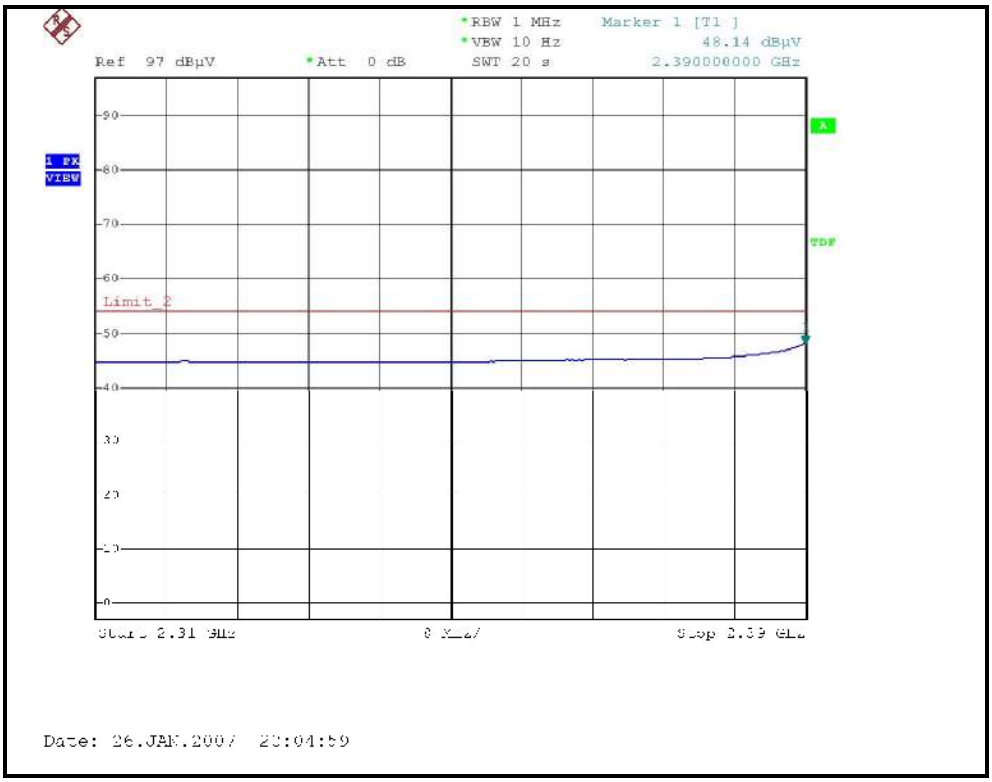

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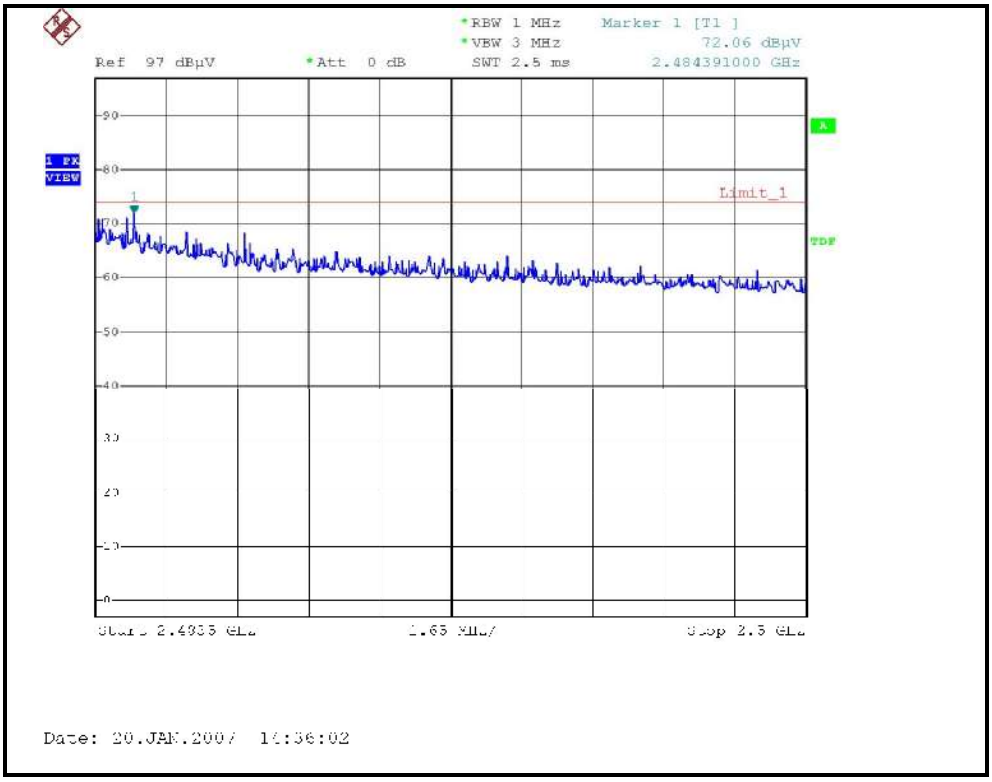
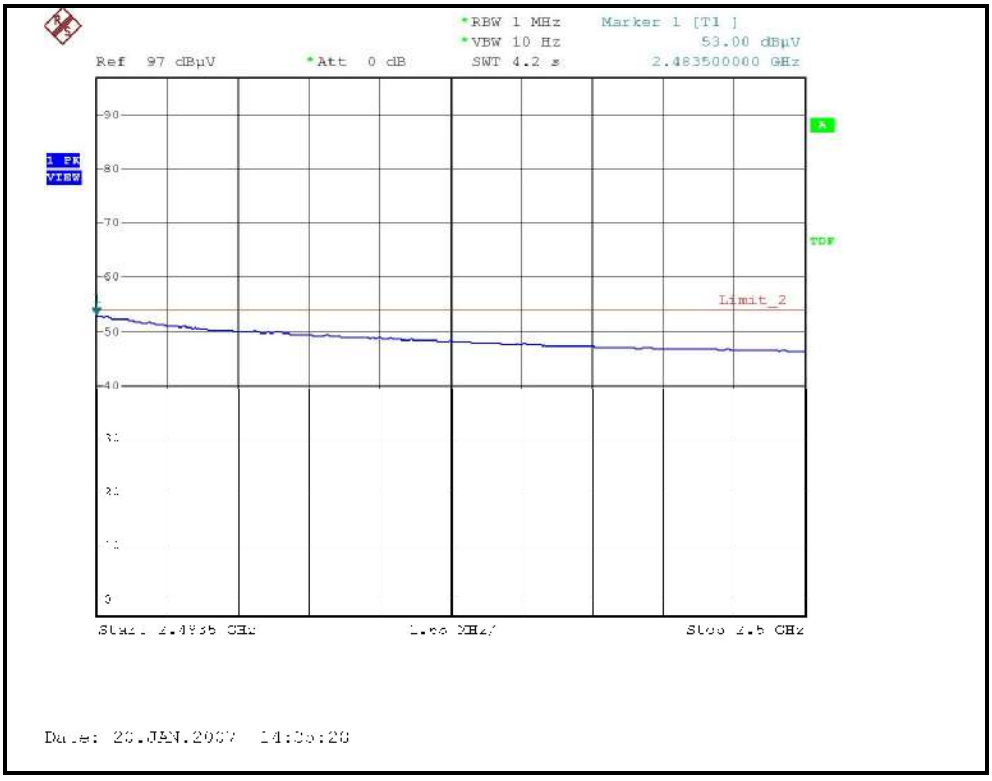
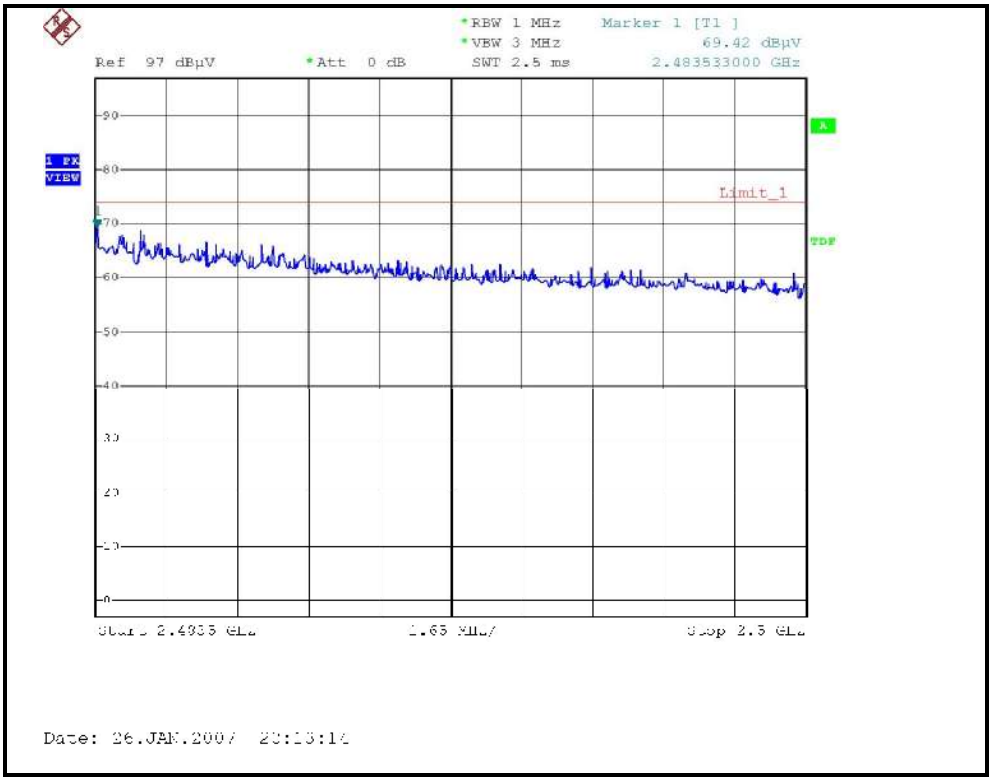




RESTRICTED BANDEDGE (802.11g MODE,CH11, VERTICAL)



4.2.14 TEST RESULTS (ANTENNA 9)

Below 1GHz Worst-Case Data

MODULATION TYPE	DSSS	**CHANNEL**	Channel 1
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**FREQUENCY RANGE**	30-1000 MHz
ENVIRONMENTAL CONDITIONS	23deg. C, 56%RH, 970hPa	**TRANSFER RATE**	1Mbps
TESTED BY	Wen Yu	**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	82.03	25.30 QP	40.00	-14.70	2.31 H	308	15.50	9.80
2	136.67	30.30 QP	43.50	-13.20	2.24 H	8	17.10	13.20
3	151.50	28.70 QP	43.50	-14.80	1.89 H	9	14.80	13.80
4	222.25	26.50 QP	46.00	-19.50	1.27 H	116	13.90	12.60
5	250.01	29.70 QP	46.00	-16.30	1.00 H	316	15.90	13.80
6	375.01	30.70 QP	46.00	-15.30	1.00 H	1	12.50	18.20
7	500.01	29.50 QP	46.00	-16.50	1.00 H	249	7.70	21.80
8	672.50	37.40 QP	46.00	-8.60	1.24 H	134	12.00	25.40
9	768.30	32.20 QP	46.00	-13.80	1.18 H	331	4.70	27.40
10	865.70	36.10 QP	46.00	-9.90	1.00 H	145	7.50	28.50

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	81.23	29.60 QP	40.00	-10.40	1.00 V	97	19.70	9.90
2	112.20	27.60 QP	43.50	-15.90	1.22 V	42	16.70	10.90
3	166.08	23.80 QP	43.50	-19.70	1.00 V	70	10.00	13.80
4	250.01	29.00 QP	46.00	-17.00	1.35 V	20	15.20	13.80
5	375.01	26.80 QP	46.00	-19.20	1.23 V	102	8.60	18.20
6	500.01	30.00 QP	46.00	-16.00	1.78 V	277	8.20	21.80
7	672.80	32.80 QP	46.00	-13.20	1.31 V	233	7.40	25.40
8	767.50	28.40 QP	46.00	-17.60	1.29 V	214	1.00	27.40
9	867.50	30.90 QP	46.00	-15.10	1.11 V	108	2.40	28.60

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	23 deg. C, 63%RH, 970hPa	**TESTED BY**	Tony Chen

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	2320.00	47.80 PK	74.00	-26.20	1.51 H	345	16.10	31.70
1	2320.00	37.20 AV	54.00	-16.80	1.51 H	345	5.50	31.70
2	2386.00	57.60 PK	74.00	-16.40	1.34 H	12	25.70	31.90
2	2386.00	45.20 AV	54.00	-8.80	1.34 H	12	13.20	31.90
3	*2412.00	96.60 PK			1.34 H	12	64.60	32.00
3	*2412.00	91.80 AV			1.34 H	12	59.80	32.00
4	4824.00	45.50 PK	74.00	-28.50	1.12 H	324	9.50	36.00
4	4824.00	33.70 AV	54.00	-20.30	1.12 H	324	-2.30	36.00
5	7236.00	51.20 PK	74.00	-22.80	1.35 H	321	9.00	42.20
5	7236.00	38.60 AV	54.00	-15.40	1.35 H	321	-3.60	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	2320.00	55.60 PK	74.00	-18.40	1.68 V	8	23.90	31.70
1	2320.00	50.00 AV	54.00	-4.00	1.68 V	8	18.30	31.70
2	2386.00	62.70 PK	74.00	-11.30	1.31 V	11	30.80	31.90
2	2386.00	53.70 AV	54.00	-0.30	1.31 V	11	21.80	31.90
3	*2412.00	109.30 PK			1.30 V	12	77.30	32.00
3	*2412.00	104.80 AV			1.30 V	12	72.80	32.00
4	4824.00	45.30 PK	74.00	-28.70	1.26 V	333	9.30	36.00
4	4824.00	35.70 AV	54.00	-18.30	1.26 V	333	-0.30	36.00
5	7236.00	52.30 PK	74.00	-21.70	1.31 V	213	10.10	42.20
5	7236.00	39.70 AV	54.00	-14.30	1.31 V	213	-2.50	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

MODE	Channel 6	**FREQUENCY RANGE**	1000~25000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**DETECTOR FUNCTION & BANDWIDTH**	Peak (PK) Average (AV) 1 MHz
ENVIRONMENTAL CONDITIONS	23 deg. C, 63%RH, 970hPa	**TESTED BY**	Tony Chen

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	2233.00	43.30 PK	74.00	-30.70	1.10 H	102	12.00	31.30
1	2233.00	33.60 AV	54.00	-20.40	1.10 H	102	2.30	31.30
2	2320.00	57.50 PK	74.00	-16.50	1.31 H	263	25.80	31.70
2	2320.00	45.70 AV	54.00	-8.30	1.31 H	263	14.10	31.70
3	*2437.00	103.00 PK			1.66 H	252	70.80	32.10
3	*2437.00	98.50 AV			1.66 H	252	66.40	32.10
4	2484.60	56.20 PK	74.00	-17.80	1.66 H	251	23.90	32.30
4	2484.60	43.10 AV	54.00	-10.90	1.66 H	251	10.80	32.30
5	4874.00	45.60 PK	74.00	-28.40	1.31 H	19	9.50	36.10
5	4874.00	33.20 AV	54.00	-20.80	1.31 H	19	-2.90	36.10
6	7311.00	52.90 PK	74.00	-21.10	1.24 H	32	10.40	42.50
6	7311.00	39.20 AV	54.00	-14.80	1.24 H	32	-3.30	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	2233.00	60.40 PK	74.00	-13.60	1.04 V	177	29.10	31.30
1	2233.00	52.10 AV	54.00	-1.90	1.04 V	177	20.80	31.30
2	2320.00	61.70 PK	74.00	-12.30	1.38 V	0	30.00	31.70
2	2320.00	53.50 AV	54.00	-0.50	1.38 V	0	21.80	31.70
3	*2437.00	113.60 PK			1.37 V	0	81.50	32.10
3	*2437.00	109.00 AV			1.37 V	0	76.90	32.10
4	2484.60	59.50 PK	74.00	-14.50	1.38 V	0	27.20	32.30
4	2484.60	47.60 AV	54.00	-6.40	1.38 V	0	15.30	32.30
5	4874.00	46.20 PK	74.00	-27.80	1.24 V	7	10.10	36.10
5	4874.00	33.50 AV	54.00	-20.50	1.24 V	7	-2.60	36.10
6	7311.00	52.40 PK	74.00	-21.60	1.12 V	329	9.90	42.50
6	7311.00	39.90 AV	54.00	-14.10	1.12 V	329	-2.60	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

MODE	Channel 11	**FREQUENCY RANGE**	1000~25000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**DETECTOR FUNCTION & BANDWIDTH**	Peak (PK) Average (AV) 1 MHz
ENVIRONMENTAL CONDITIONS	23 deg. C, 63%RH, 970hPa	**TESTED BY**	Tony Chen

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

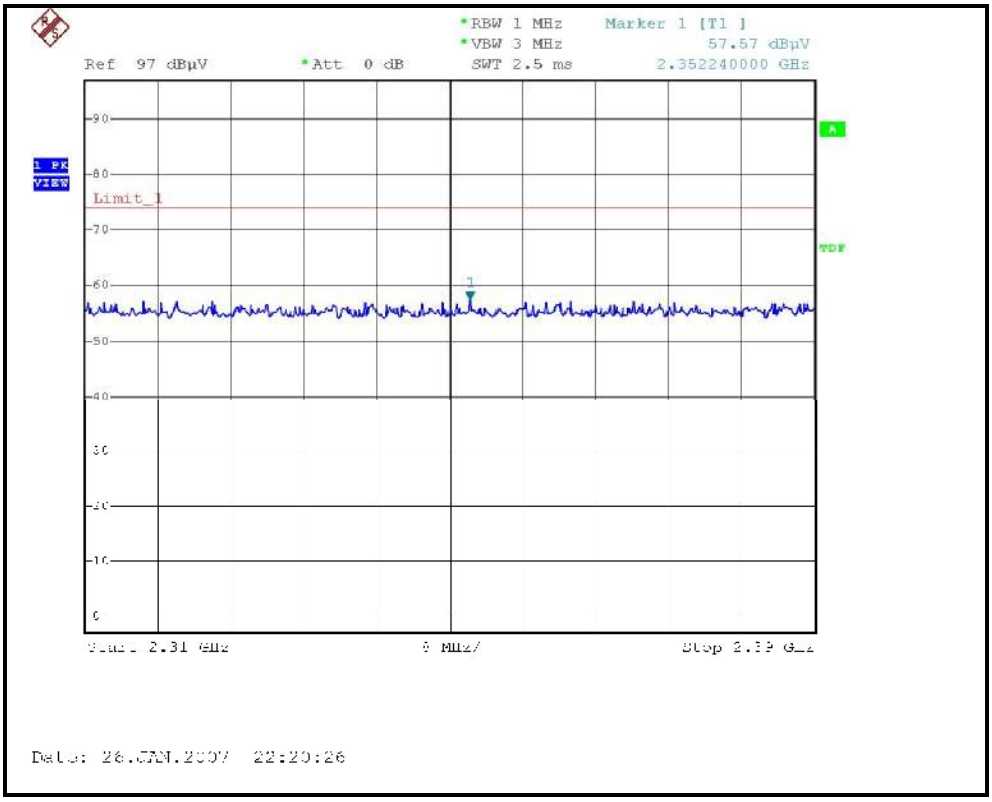
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2320.00	44.60 PK	74.00	-29.40	1.50 H	214	12.90	31.70
1	2320.00	37.20 AV	54.00	-16.80	1.50 H	214	5.50	31.70
2	*2462.00	102.80 PK			1.66 H	257	70.60	32.20
2	*2462.00	97.80 AV			1.66 H	257	65.60	32.20
3	2488.00	58.90 PK	74.00	-15.10	1.66 H	257	26.60	32.30
3	2488.00	46.80 AV	54.00	-7.20	1.66 H	257	14.40	32.30
4	4924.00	45.50 PK	74.00	-28.50	1.57 H	246	9.30	36.20
4	4924.00	32.30 AV	54.00	-21.70	1.57 H	246	-3.90	36.20
5	7386.00	52.30 PK	74.00	-21.70	1.36 H	222	9.50	42.80
5	7386.00	38.50 AV	54.00	-15.50	1.36 H	222	-4.30	42.80

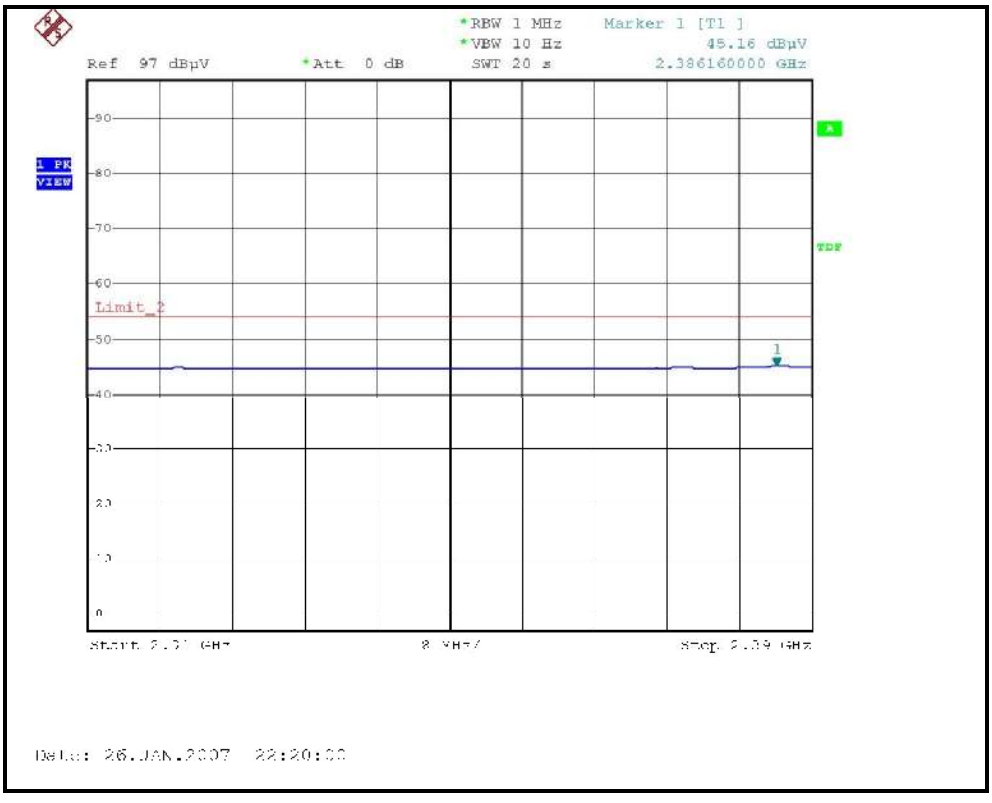
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

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	2320.00	58.20 PK	74.00	-15.80	1.47 V	350	26.50	31.70
1	2320.00	52.00 AV	54.00	-2.00	1.47 V	350	20.30	31.70
2	*2462.00	112.70 PK			1.00 V	350	80.50	32.20
2	*2462.00	108.00 AV			1.00 V	350	75.80	32.20
3	2488.00	63.10 PK	74.00	-10.90	1.00 V	355	30.80	32.30
3	2488.00	53.40 AV	54.00	-0.60	1.00 V	355	21.10	32.30
4	4924.00	45.70 PK	74.00	-28.30	1.12 V	330	9.50	36.20
4	4924.00	32.80 AV	54.00	-21.20	1.12 V	330	-3.40	36.20
5	7386.00	52.70 PK	74.00	-21.30	1.12 V	199	9.90	42.80
5	7386.00	38.70 AV	54.00	-15.30	1.12 V	199	-4.10	42.80

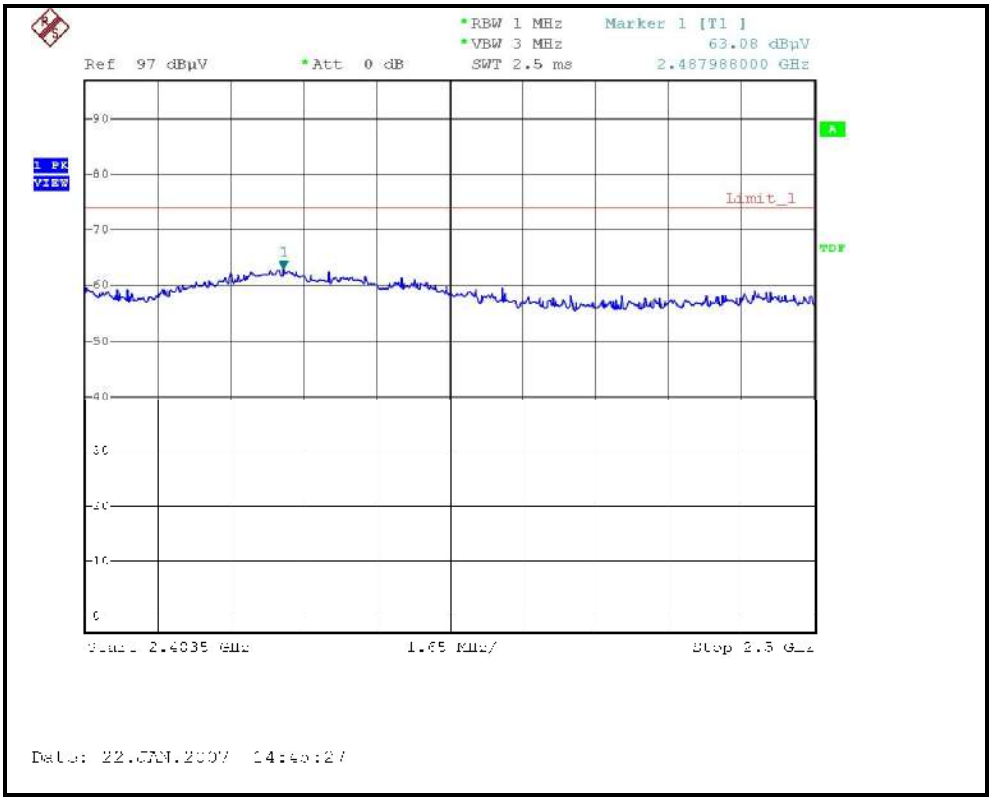
REMARKS:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. The limit value is defined as per 15.247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

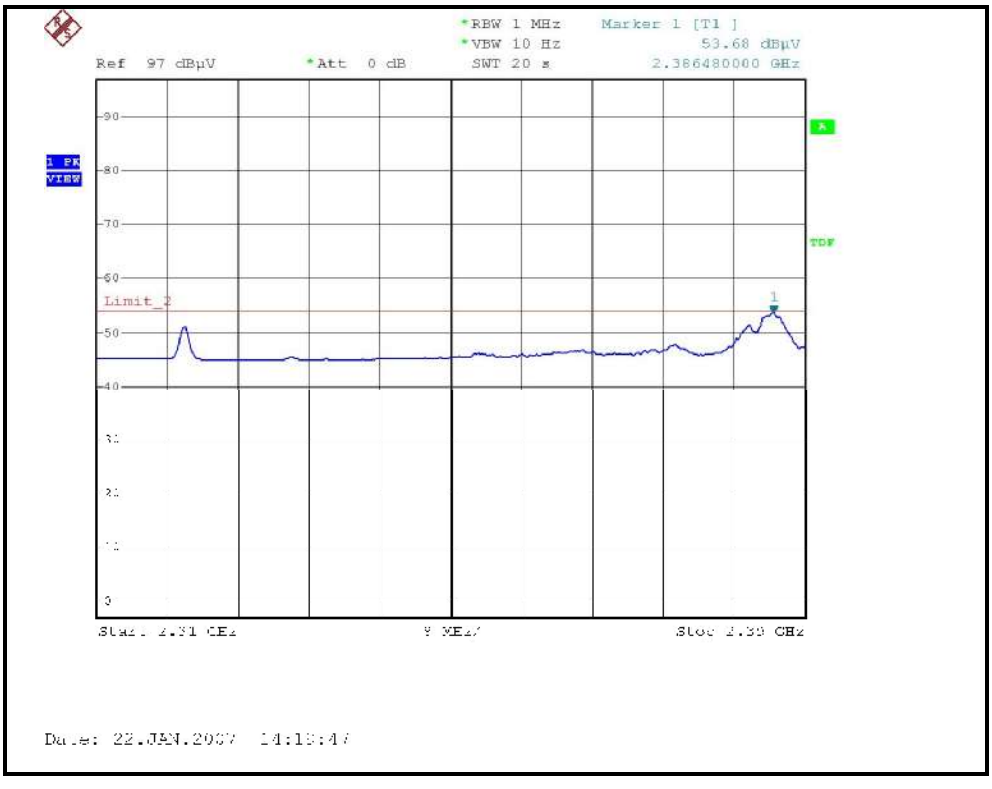
RESTRICTED BANDEDGE (802.11b MODE,CH1, HORIZONTAL)



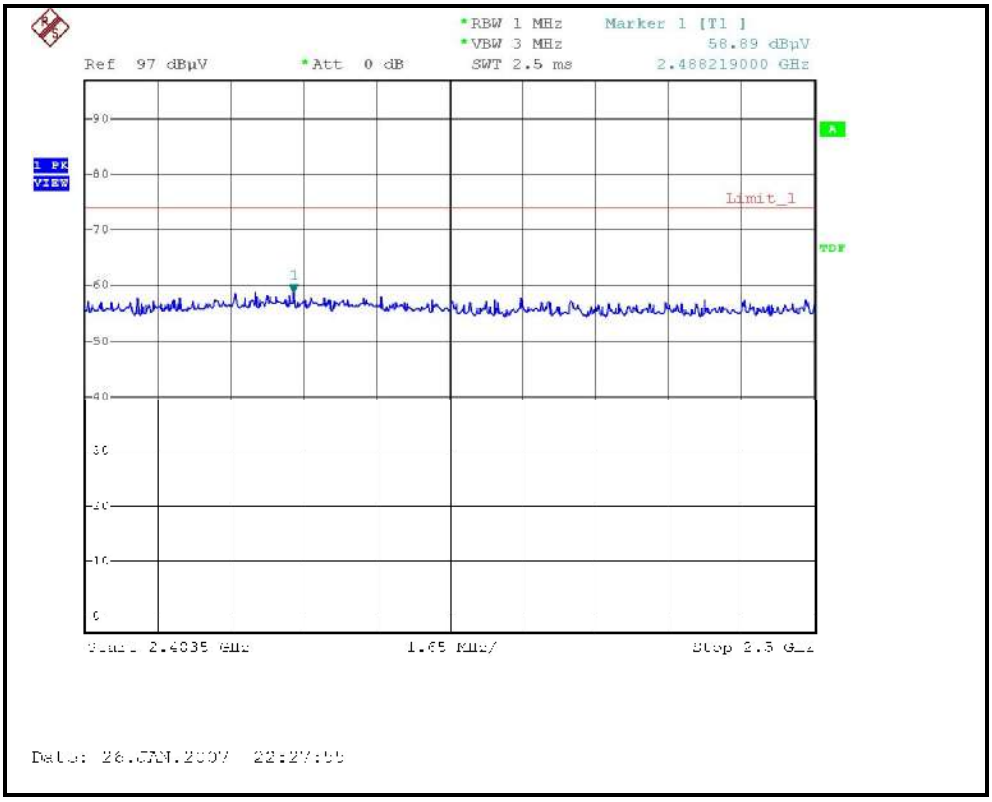


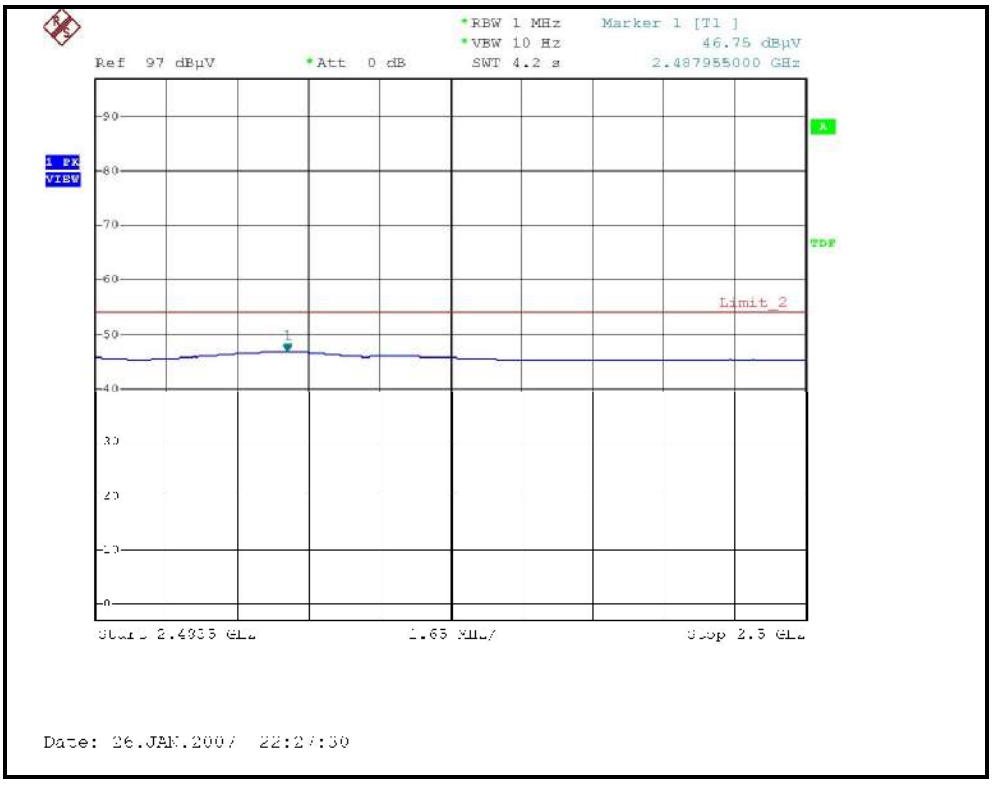
RESTRICTED BANDEDGE (802.11b MODE,CH1, VERTICAL)



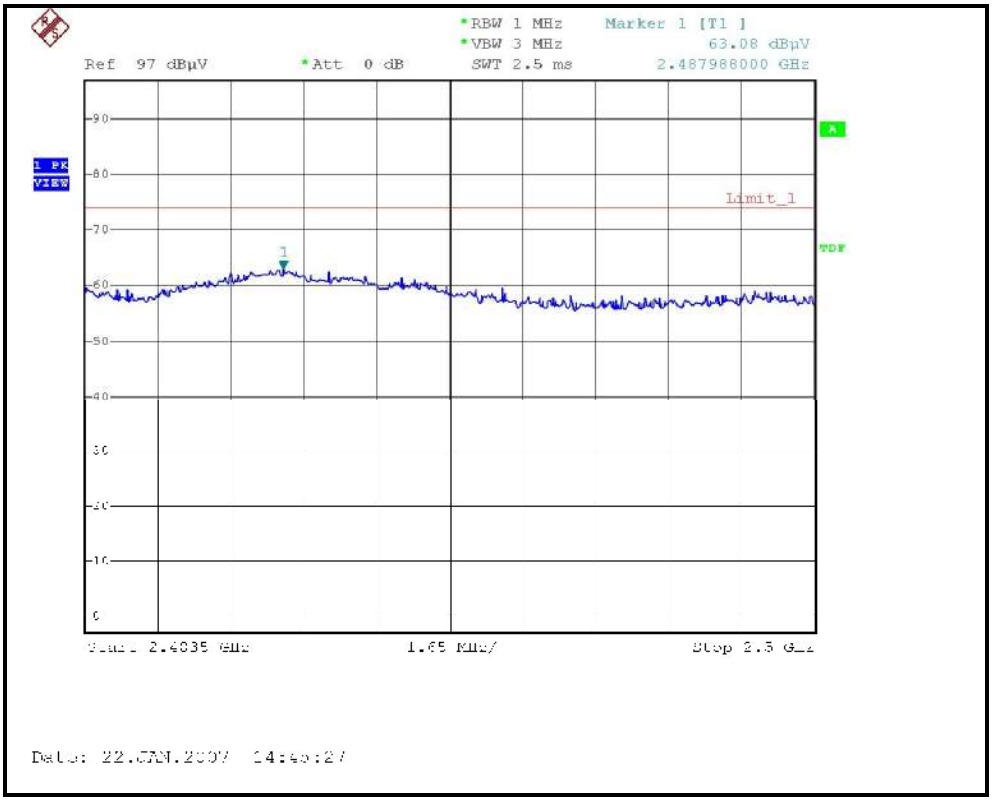


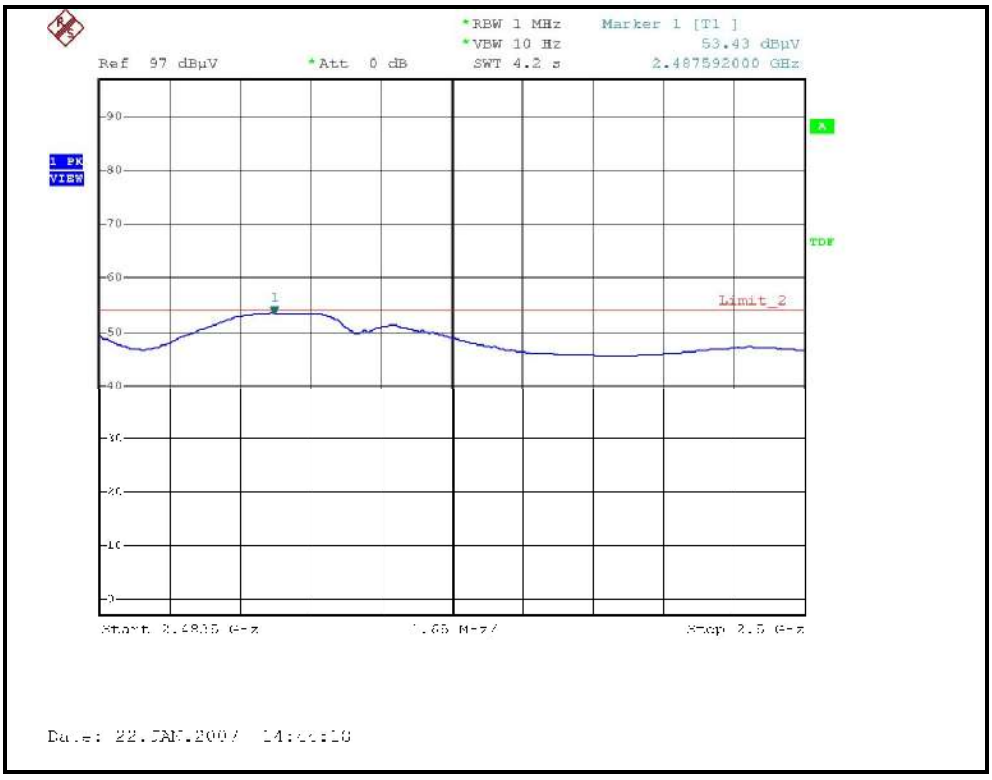
RESTRICTED BANDEDGE (802.11b MODE,CH11, HORIZONTAL)





RESTRICTED BANDEDGE (802.11b MODE,CH11, VERTICAL)





802.11g OFDM modulation

MODE	Channel 1	**FREQUENCY RANGE**	1000~25000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**DETECTOR FUNCTION & BANDWIDTH**	Peak (PK) Average (AV) 6 MHz
ENVIRONMENTAL CONDITIONS	23 deg. C, 63%RH, 970hPa	**TESTED BY**	Tony Chen

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	2320.00	57.80 PK	74.00	-16.20	1.05 H	214	26.10	31.70
1	2320.00	45.80 AV	54.00	-8.20	1.05 H	214	14.10	31.70
2	2390.00	58.10 PK	74.00	-15.90	1.27 H	216	26.10	31.90
2	2390.00	45.50 AV	54.00	-8.50	1.27 H	216	13.60	31.90
3	*2412.00	99.60 PK			1.27 H	216	67.60	32.00
3	*2412.00	88.80 AV			1.27 H	216	56.80	32.00
4	4824.00	45.10 PK	74.00	-28.90	1.12 H	311	9.10	36.00
4	4824.00	33.70 AV	54.00	-20.30	1.12 H	311	-2.30	36.00
5	7236.00	51.20 PK	74.00	-22.80	1.31 H	142	9.00	42.20
5	7236.00	39.10 AV	54.00	-14.90	1.31 H	142	-3.10	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	2320.00	61.40 PK	74.00	-12.60	1.30 V	10	29.70	31.70
1	2320.00	52.90 AV	54.00	-1.10	1.30 V	10	21.20	31.70
2	2390.00	68.50 PK	74.00	-5.50	1.30 V	10	36.60	31.90
2	2390.00	52.30 AV	54.00	-1.70	1.30 V	10	20.40	31.90
3	*2412.00	110.20 PK			1.29 V	12	78.20	32.00
3	*2412.00	100.70 AV			1.29 V	12	68.70	32.00
4	4824.00	46.30 PK	74.00	-27.70	1.15 V	151	10.30	36.00
4	4824.00	34.10 AV	54.00	-19.90	1.15 V	151	-1.90	36.00
5	7236.00	52.60 PK	74.00	-21.40	1.36 V	144	10.40	42.20
5	7236.00	39.50 AV	54.00	-14.50	1.36 V	144	-2.70	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

MODE	Channel 6	**FREQUENCY RANGE**	1000~25000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**DETECTOR FUNCTION & BANDWIDTH**	Peak (PK) Average (AV) 6 MHz
ENVIRONMENTAL CONDITIONS	23 deg. C, 63%RH, 970hPa	**TESTED BY**	Tony Chen

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	2233.00	43.70 PK	74.00	-30.30	1.33 H	187	12.40	31.30
1	2233.00	35.10 AV	54.00	-18.90	1.33 H	187	3.80	31.30
2	2320.00	53.20 PK	74.00	-20.80	1.06 H	214	21.50	31.70
2	2320.00	45.80 AV	54.00	-8.20	1.06 H	214	14.20	31.70
3	*2437.00	98.00 PK			1.26 H	214	65.80	32.10
3	*2437.00	87.30 AV			1.26 H	214	55.20	32.10
4	4874.00	45.50 PK	74.00	-28.50	1.14 H	206	9.40	36.10
4	4874.00	33.50 AV	54.00	-20.50	1.14 H	206	-2.60	36.10
5	7311.00	51.30 PK	74.00	-22.70	1.17 H	36	8.80	42.50
5	7311.00	39.20 AV	54.00	-14.80	1.17 H	36	-3.30	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	2233.00	54.10 PK	74.00	-19.90	1.55 V	349	22.80	31.30
1	2233.00	48.50 AV	54.00	-5.50	1.55 V	349	17.20	31.30
2	2320.00	61.40 PK	74.00	-12.60	1.10 V	9	29.70	31.70
2	**2320.00**	**53.90 AV**	**54.00**	**-0.10**	**1.10 V**	**9**	**22.20**	**31.70**
3	*2437.00	111.30 PK			1.02 V	13	79.20	32.10
3	*2437.00	100.40 AV			1.02 V	13	68.30	32.10
4	4874.00	46.10 PK	74.00	-27.90	1.27 V	223	10.00	36.10
4	4874.00	34.60 AV	54.00	-19.40	1.27 V	223	-1.50	36.10
5	7311.00	53.10 PK	74.00	-20.90	1.35 V	145	10.60	42.50
5	7311.00	40.70 AV	54.00	-13.30	1.35 V	145	-1.80	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

MODE	Channel 11	**FREQUENCY RANGE**	1000~25000MHz
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**DETECTOR FUNCTION & BANDWIDTH**	Peak (PK) Average (AV) 6 MHz
ENVIRONMENTAL CONDITIONS	23 deg. C, 63%RH, 970hPa	**TESTED BY**	Tony Chen

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

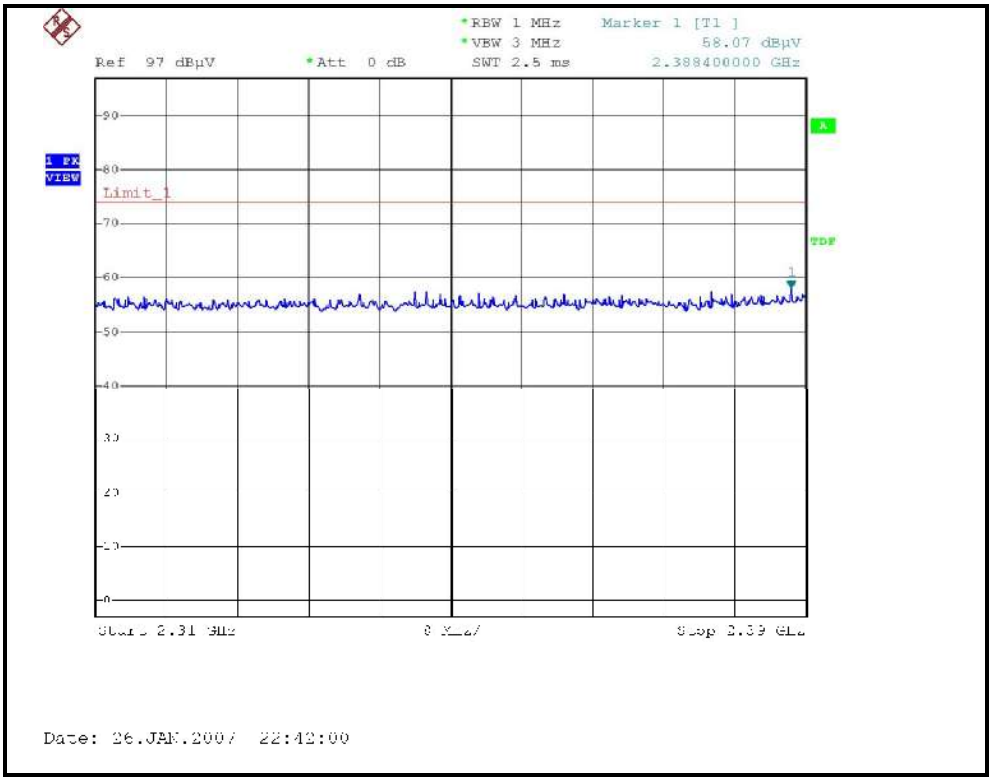
No.	Freq. (MHz)	Emission Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Antenna Height (m)	Table Angle (Degree)	Raw Value (dBuV)	Correction Factor (dB/m)
1	2320.00	58.00 PK	74.00	-16.00	1.37 H	333	26.30	31.70
1	2320.00	46.30 AV	54.00	-7.70	1.37 H	333	14.60	31.70
2	*2462.00	98.90 PK			1.27 H	216	66.70	32.20
2	*2462.00	88.00 AV			1.27 H	216	55.80	32.20
3	2483.50	58.10 PK	74.00	-15.90	1.27 H	216	25.80	32.30
3	2483.50	45.40 AV	54.00	-8.60	1.27 H	216	13.10	32.30
4	4924.00	45.10 PK	74.00	-28.90	1.27 H	226	8.90	36.20
4	4924.00	33.60 AV	54.00	-20.40	1.27 H	226	-2.60	36.20
5	7386.00	51.10 PK	74.00	-22.90	1.20 H	201	8.30	42.80
5	7386.00	38.70 AV	54.00	-15.30	1.20 H	201	-4.10	42.80

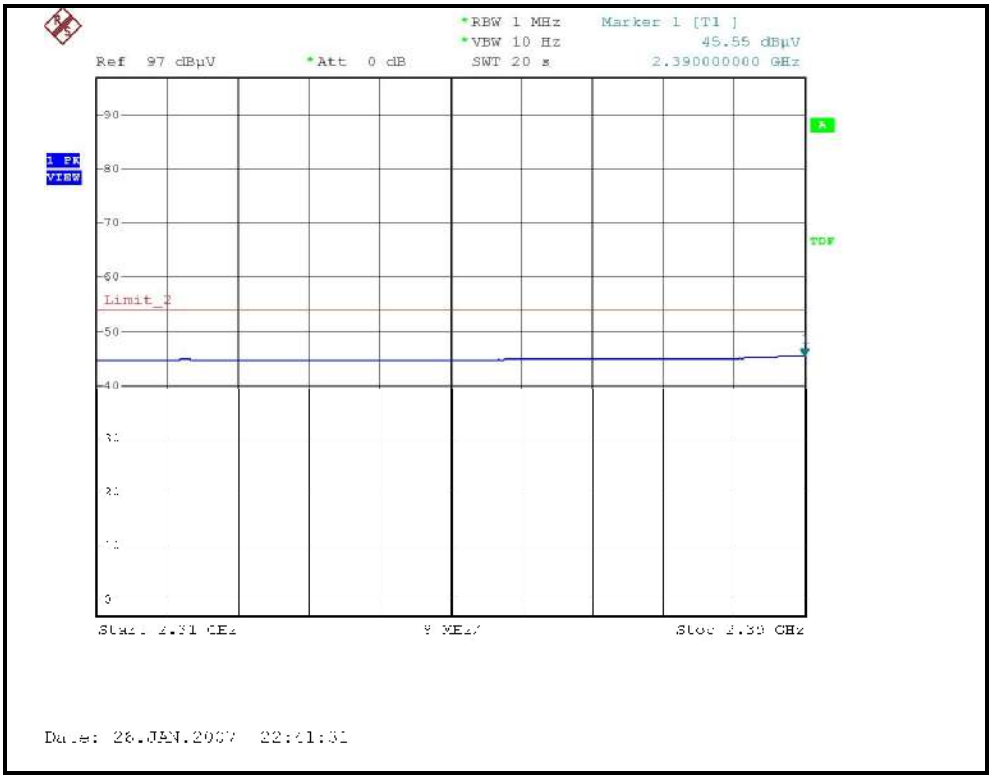
ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

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	2320.00	63.60 PK	74.00	-10.40	1.08 V	8	31.90	31.70
1	2320.00	53.50 AV	54.00	-0.50	1.08 V	8	21.80	31.70
2	*2462.00	114.70 PK			1.00 V	10	82.50	32.20
2	*2462.00	103.90 AV			1.00 V	10	71.70	32.20
3	2483.50	68.30 PK	74.00	-5.70	1.00 V	353	36.00	32.30
3	2483.50	53.50 AV	54.00	-0.50	1.00 V	353	21.20	32.30
4	4924.00	45.30 PK	74.00	-28.70	1.15 V	21	9.10	36.20
4	4924.00	34.10 AV	54.00	-19.90	1.15 V	21	-2.10	36.20
5	7386.00	52.60 PK	74.00	-21.40	1.23 V	158	9.80	42.80
5	7386.00	40.20 AV	54.00	-13.80	1.23 V	158	-2.60	42.80

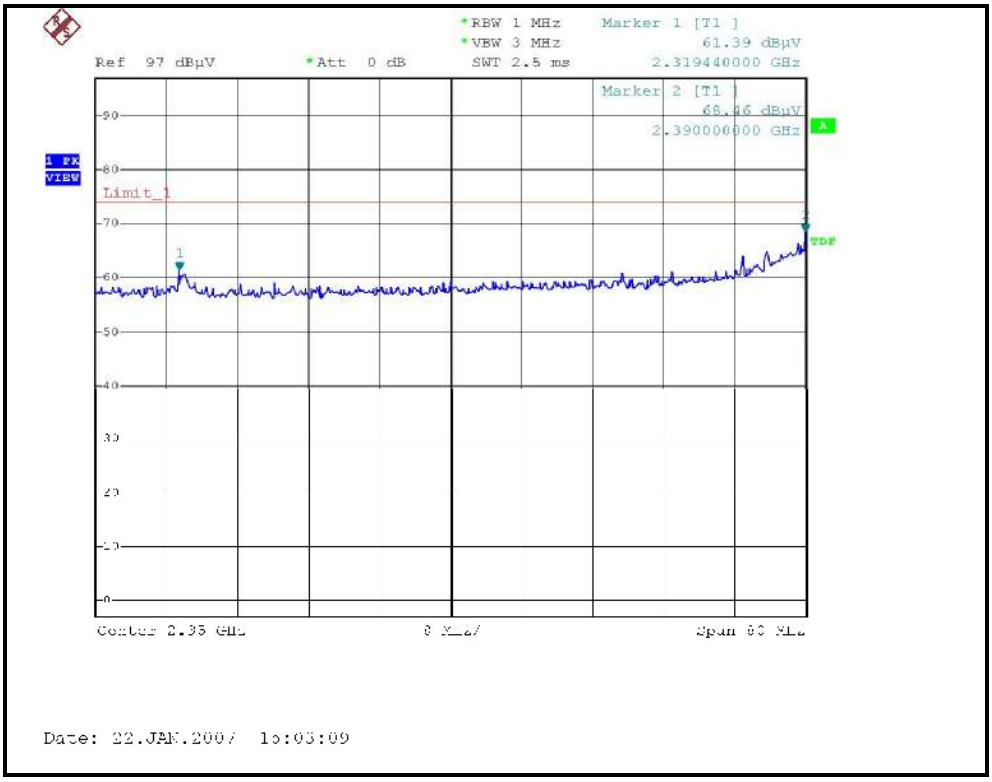
REMARKS:
1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB/m)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.
5. The limit value is defined as per 15.247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

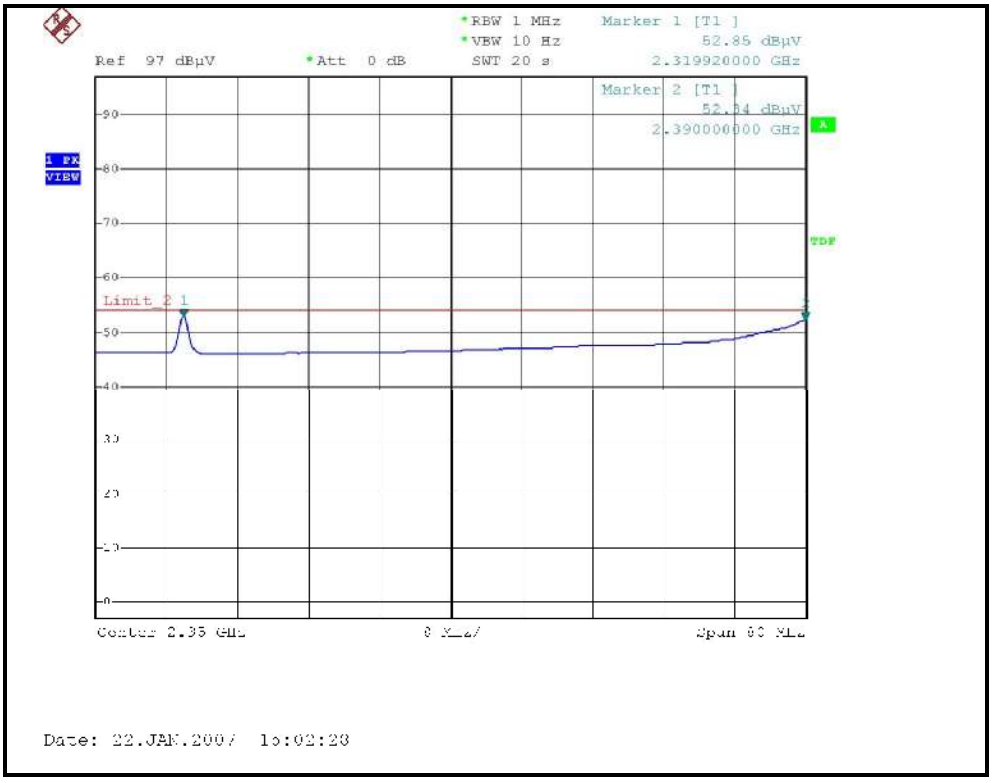
RESTRICTED BANDEDGE (802.11g MODE,CH1, HORIZONTAL)



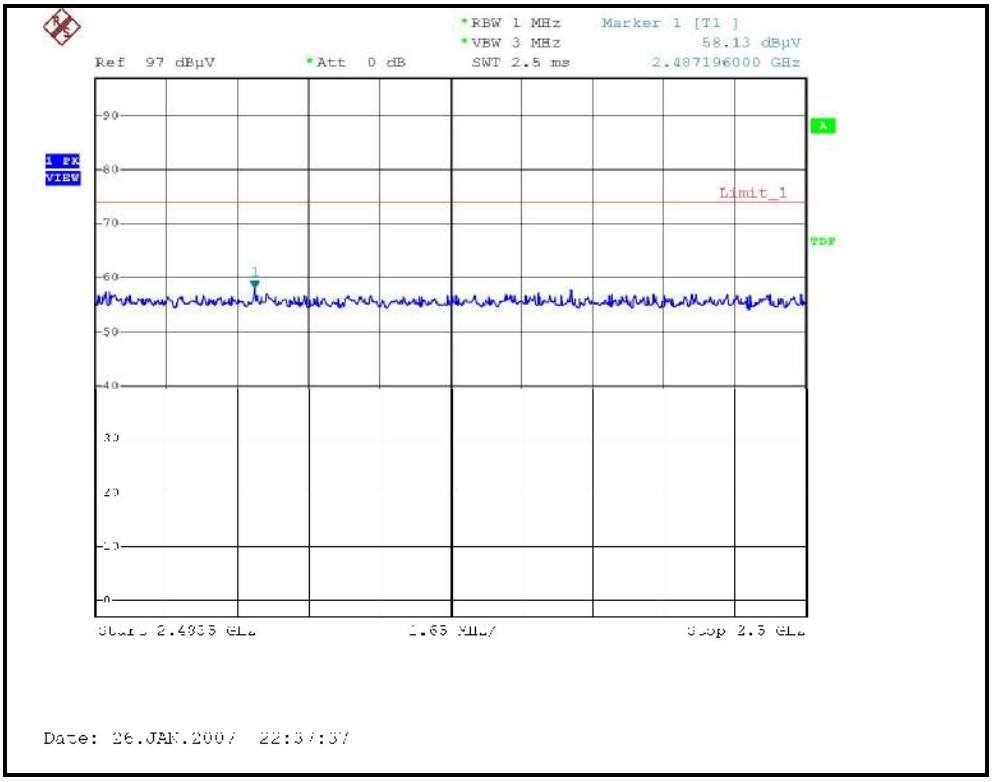


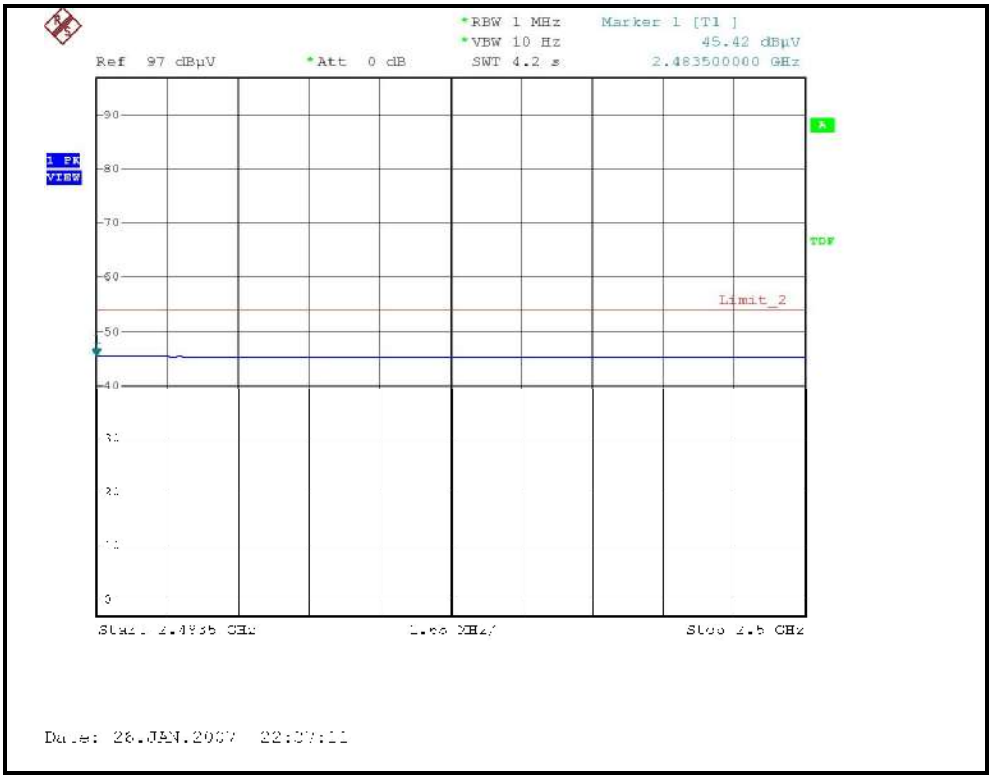
RESTRICTED BANDEDGE (802.11g MODE,CH1, VERTICAL)



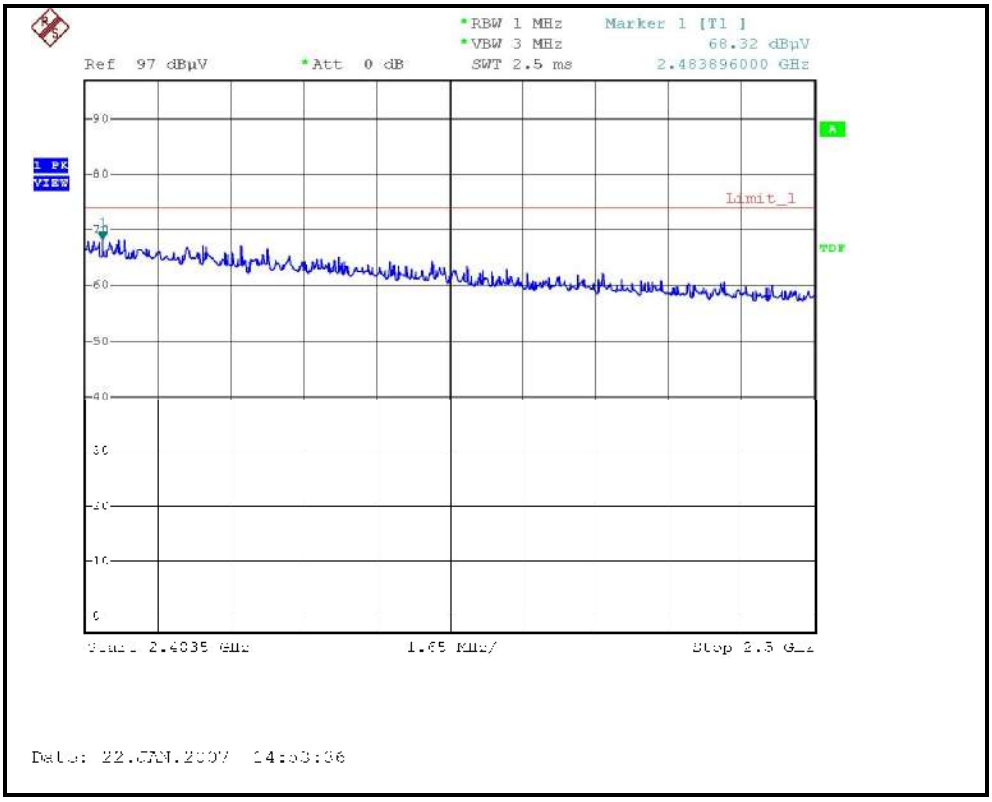


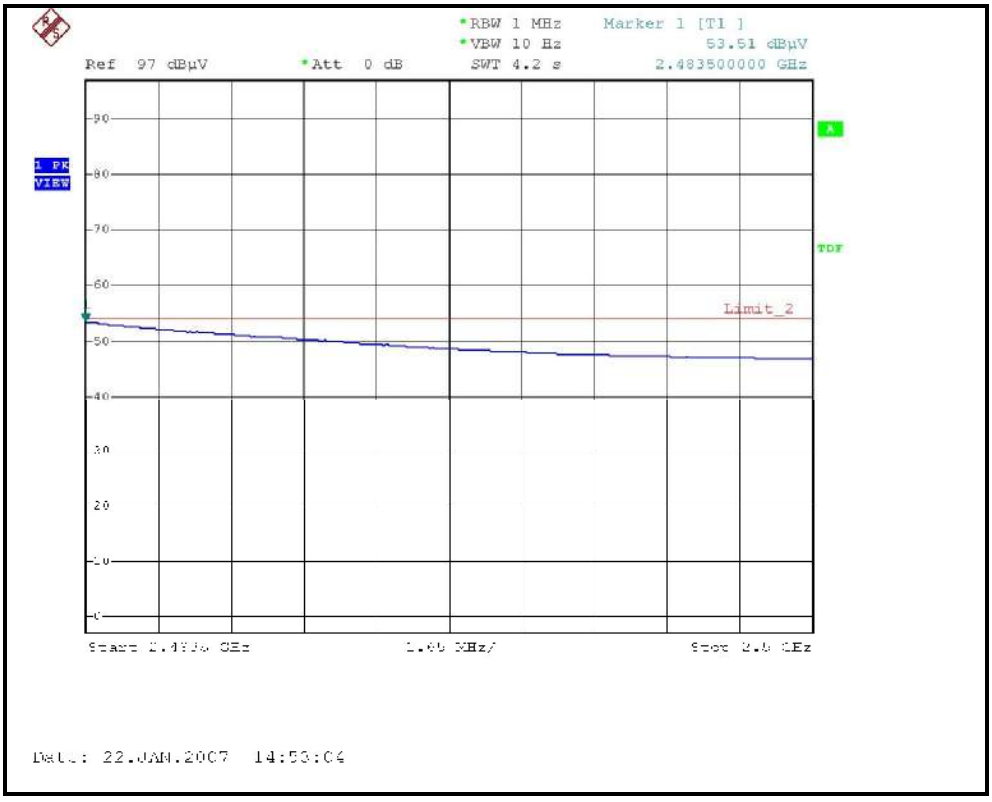
RESTRICTED BANDEDGE (802.11g MODE,CH11, HORIZONTAL)





RESTRICTED BANDEDGE (802.11g MODE,CH11, VERTICAL)





4.3 6dB BANDWIDTH MEASUREMENT

4.3.1 LIMITS OF 6dB BANDWIDTH MEASUREMENT

The minimum of 6dB Bandwidth Measurement is 0.5 MHz.

4.3.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
R&S SPECTRUM ANALYZER	FSP40	100036	Dec. 21, 2007

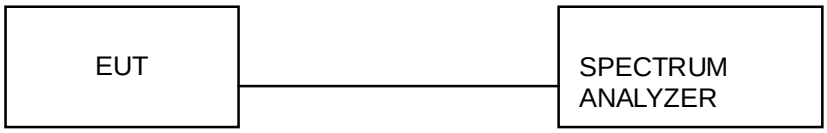
NOTE:

1. The measurement uncertainty is less than +/- 2.6dB, which is calculated as per the NAMAS document NIS81.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.3.3 TEST PROCEDURE

The transmitter output was connected to the spectrum analyzer through an attenuator. The bandwidth of the fundamental frequency was measured by spectrum analyzer with 100 kHz RBW and 100 kHz VBW. The 6 dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6 dB.

4.3.4 TEST SETUP



For the actual test configuration, please refer to the related Item – Photographs of the Test Configuration.

4.3.5 EUT OPERATING CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at lowest, middle and highest channel frequencies individually.

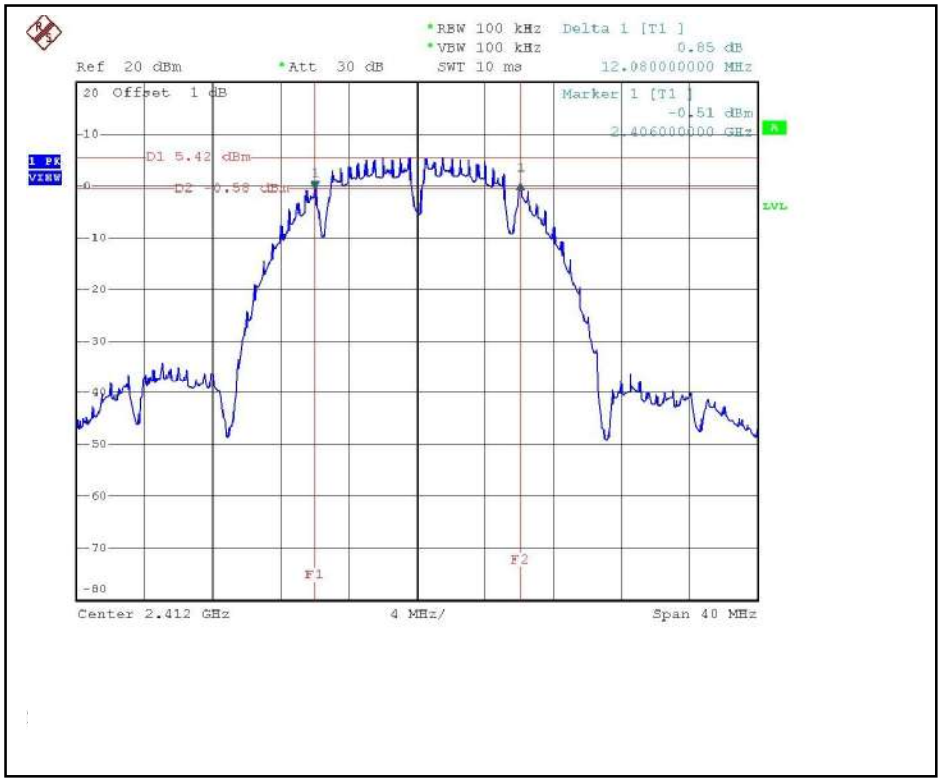
4.3.6 TEST RESULTS (ANTENNA 1)

802.11b DSSS modulation

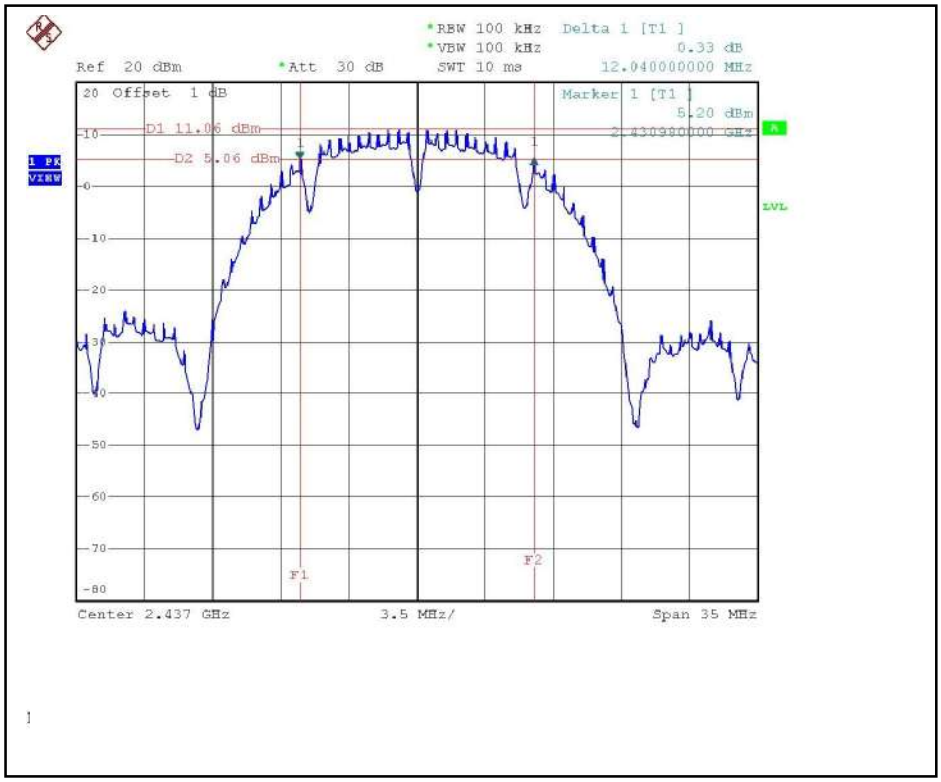
MODULATION TYPE	CCK	**TRANSFER RATE**	1Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	6 dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	12.08	0.5	PASS
6	2437	12.04	0.5	PASS
11	2462	12.11	0.5	PASS

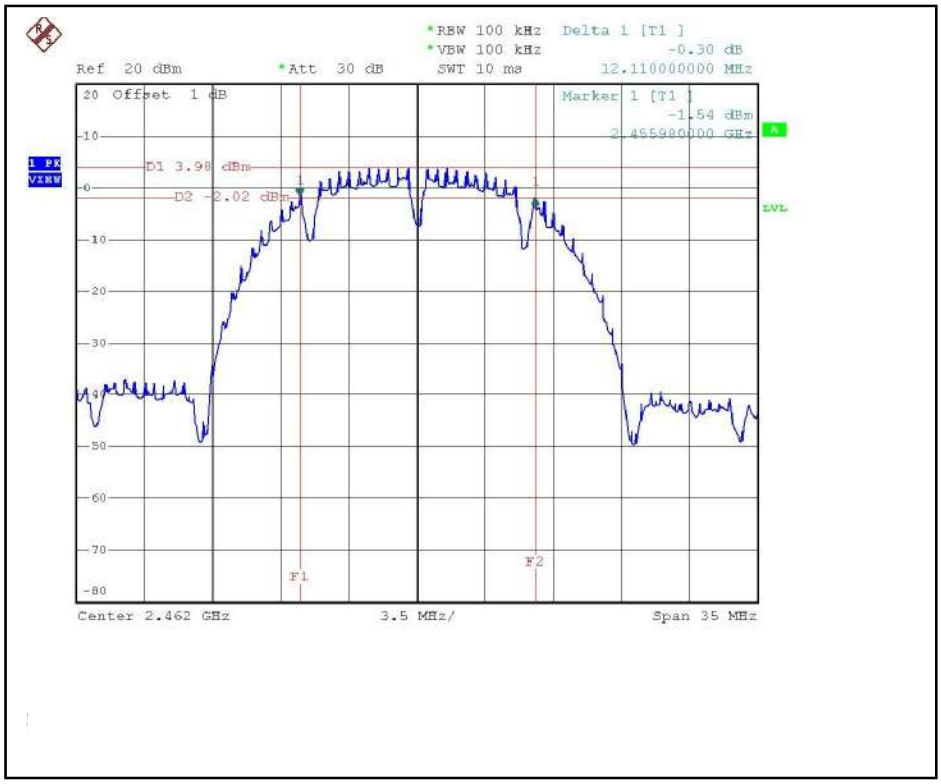
CH1



CH6


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
0.33 dB
12.040000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
5.20 dBm
2.430990000 GHz
D1 11.06 dBm
D2 5.06 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.437 GHz
3.5 MHz/
Span 35 MHz

CH11

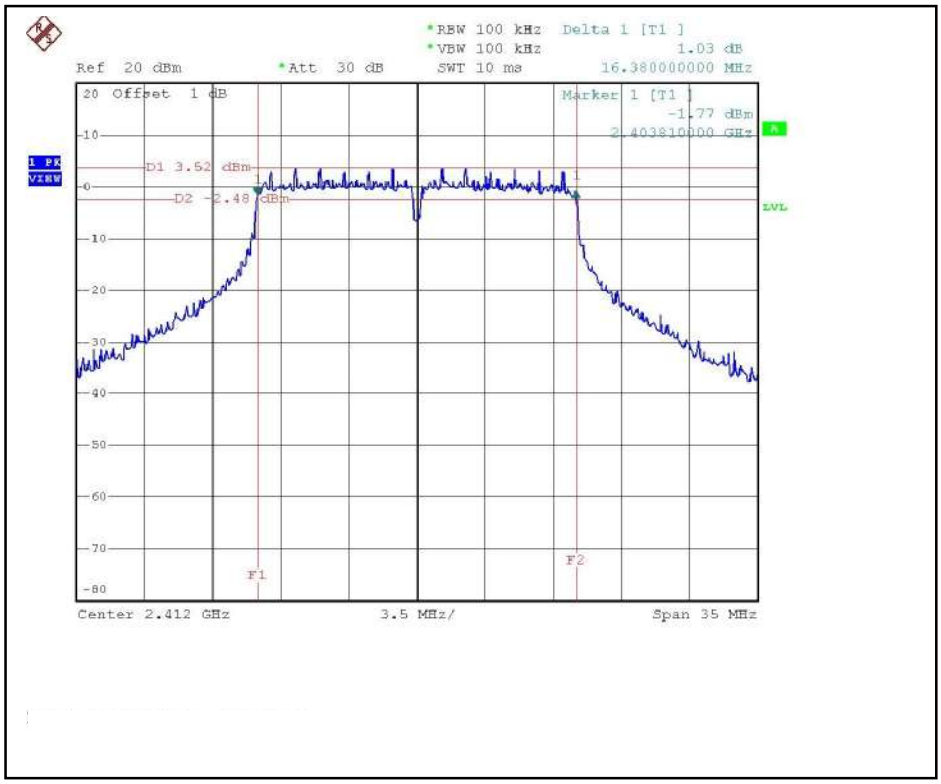

*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
-0.30 dB
12.110000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
-1.54 dBm
2.455980000 GHz
D1 3.98 dBm
D2 -2.02 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.462 GHz
3.5 MHz/
Span 35 MHz

802.11g OFDM modulation

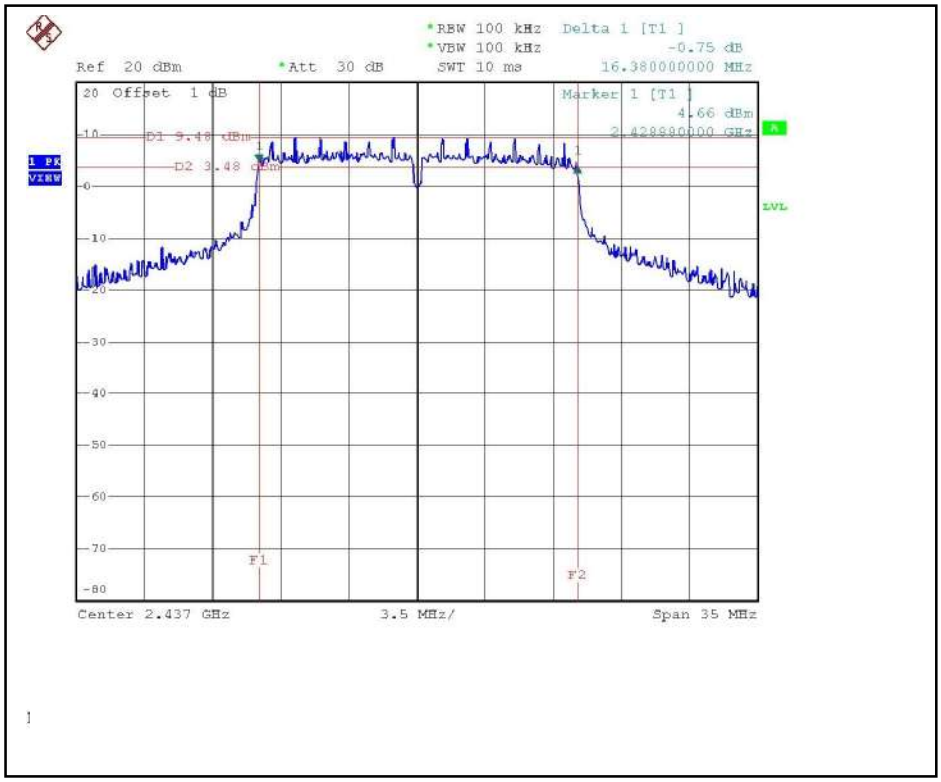
MODULATION TYPE	BPSK	**TRANSFER RATE**	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	6 dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	16.38	0.5	PASS
6	2437	16.38	0.5	PASS
11	2462	16.38	0.5	PASS

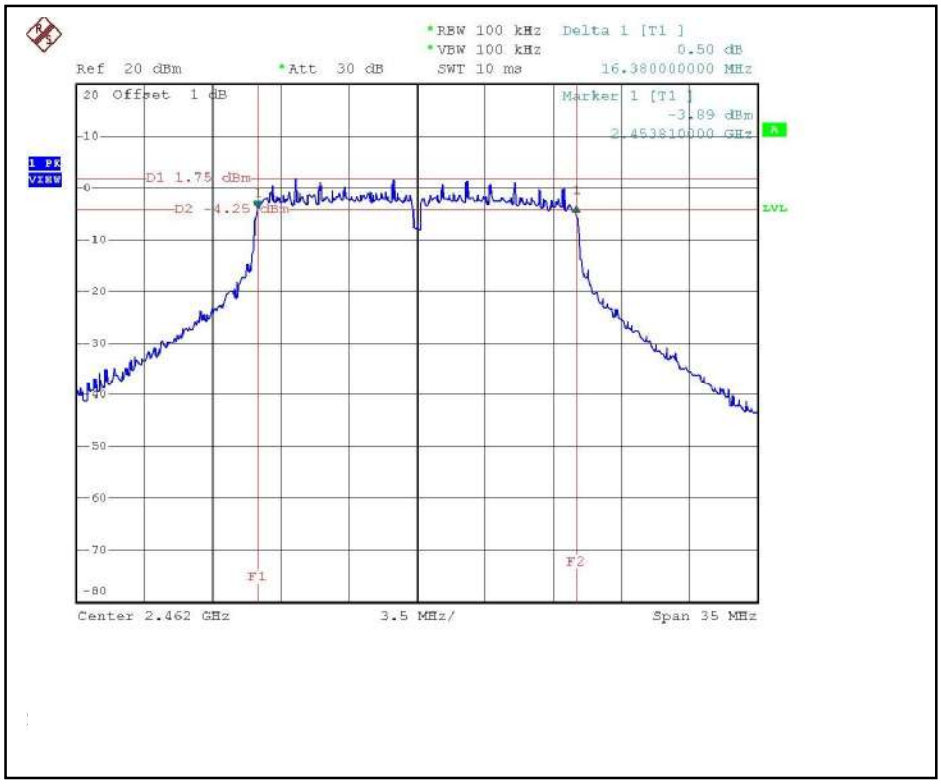
CH1



CH6


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
-0.75 dB
16.380000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
4.66 dBm
2.428890000 GHz
D1 9.48 dBm
D2 3.48 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.437 GHz
3.5 MHz/
Span 35 MHz

CH11


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
0.50 dB
16.380000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
-3.89 dBm
2.453810000 GHz
D1 1.75 dBm
D2 -4.25 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.462 GHz
3.5 MHz/
Span 35 MHz

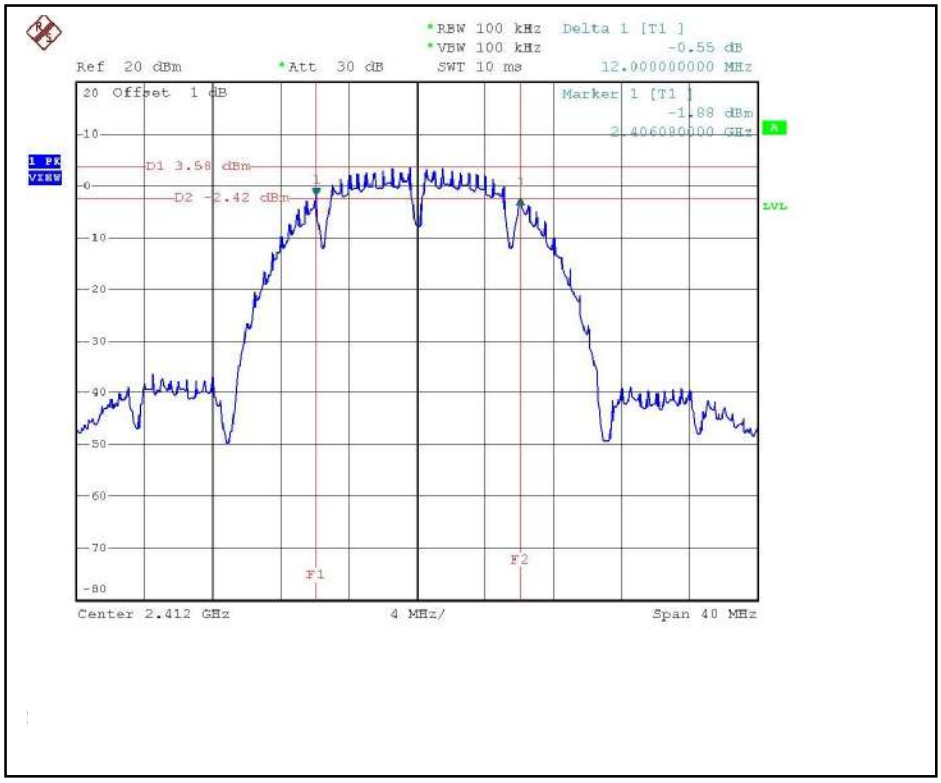
4.3.7 TEST RESULTS (ANTENNA 2)

802.11b DSSS modulation

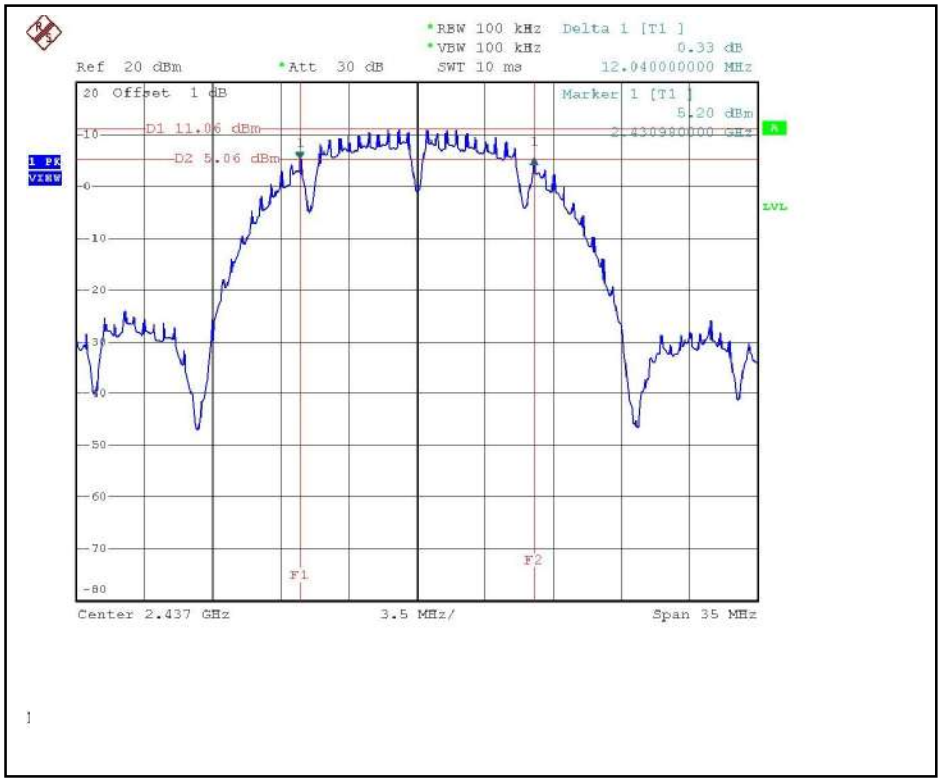
MODULATION TYPE	CCK	**TRANSFER RATE**	1Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	6 dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	12.011	0.5	PASS
6	2437	12.04	0.5	PASS
11	2462	12.11	0.5	PASS

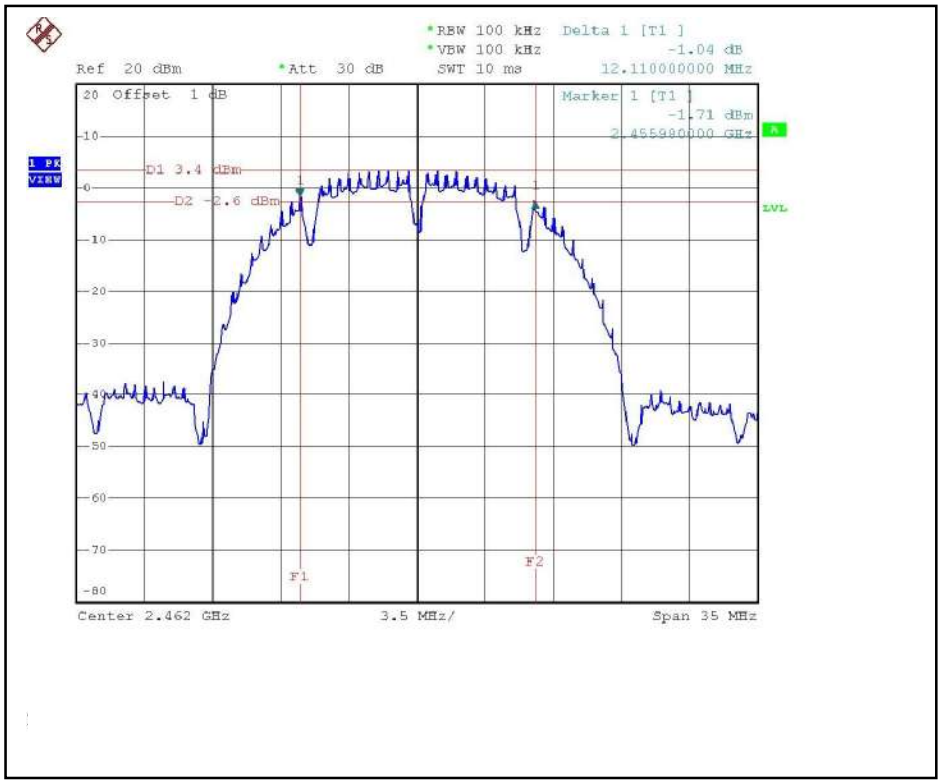
CH1



CH6


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
0.33 dB
12.040000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
5.20 dBm
2.430990000 GHz
D1 11.06 dBm
D2 5.06 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.437 GHz
3.5 MHz/
Span 35 MHz

CH11

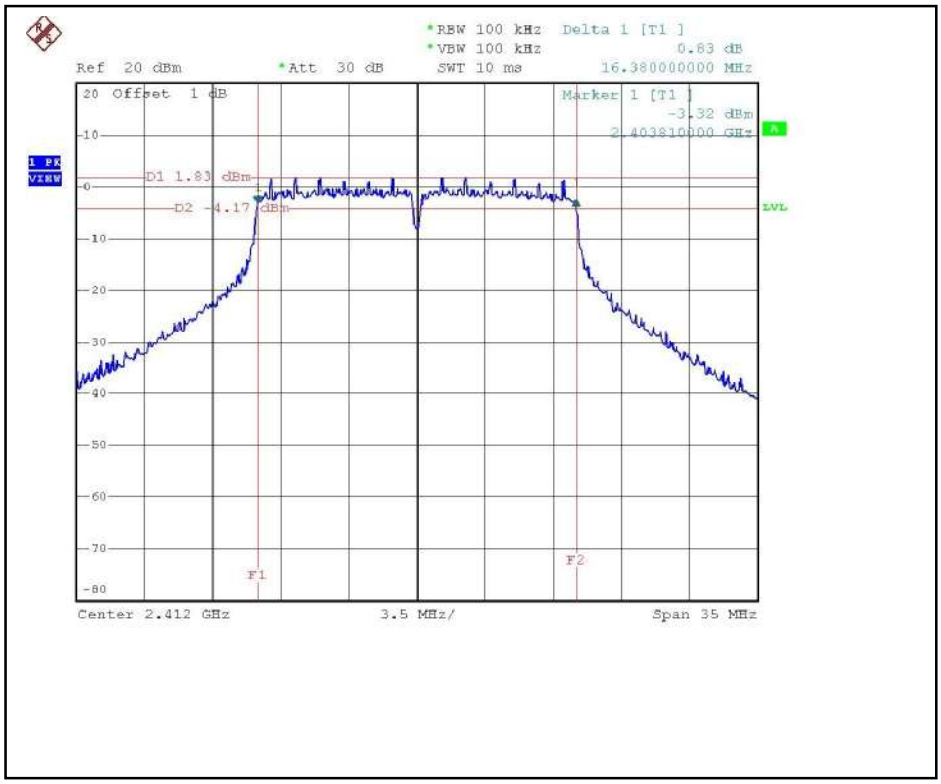

*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
-1.04 dB
12.110000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
-1.71 dBm
2.455980000 GHz
D1 3.4 dBm
D2 -2.6 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.462 GHz
3.5 MHz/
Span 35 MHz

802.11g OFDM modulation

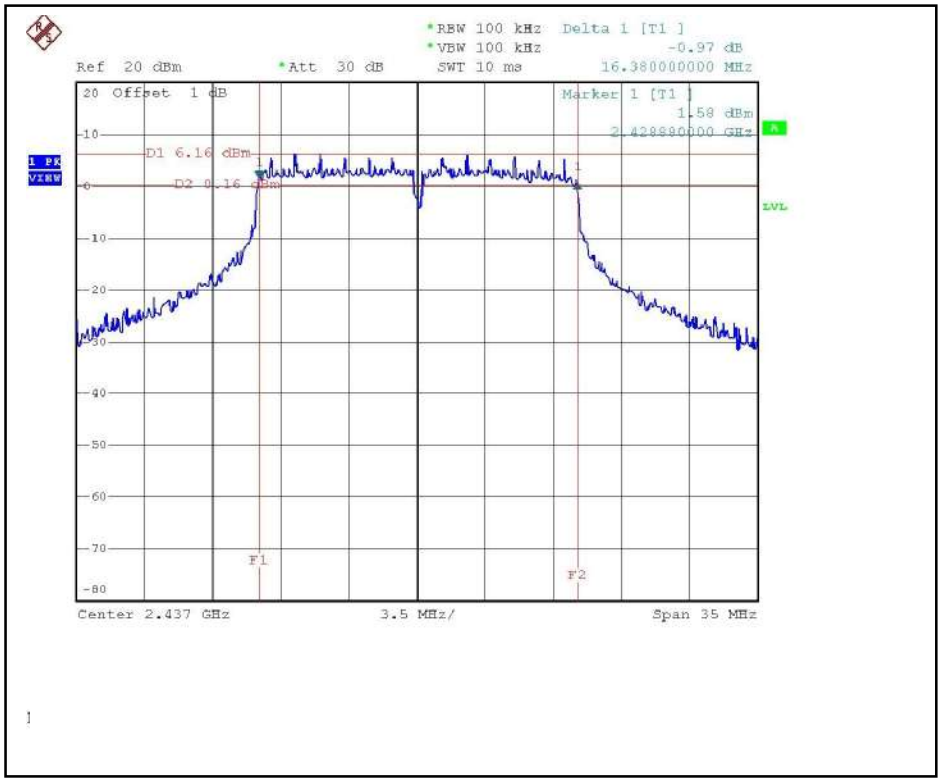
MODULATION TYPE	BPSK	**TRANSFER RATE**	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	6 dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	16.38	0.5	PASS
6	2437	16.38	0.5	PASS
11	2462	16.38	0.5	PASS

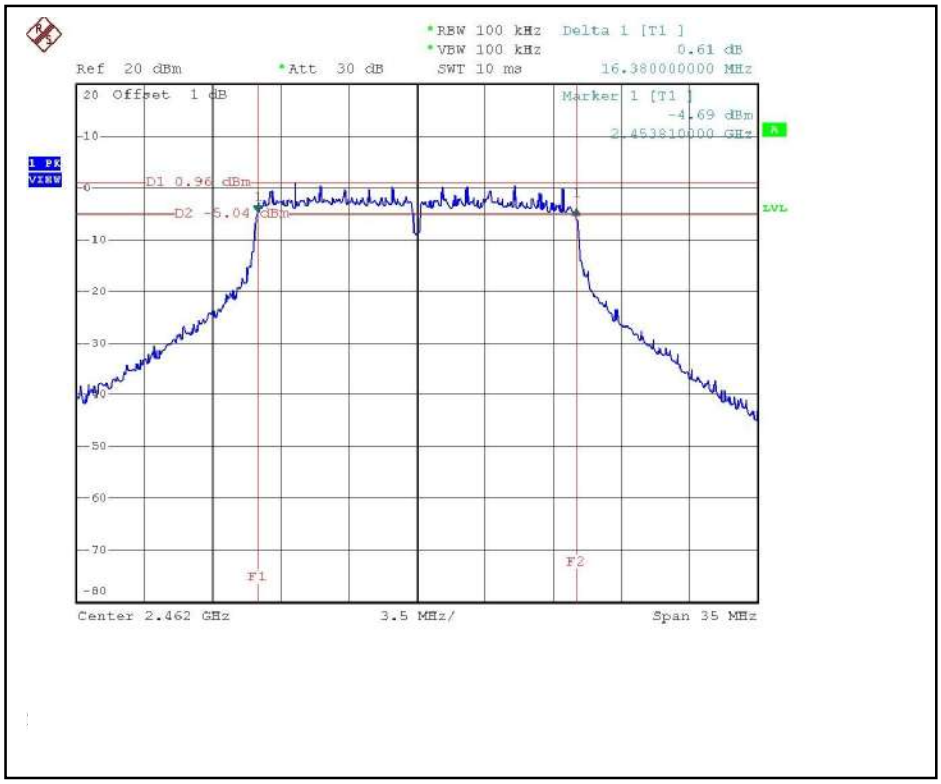
CH1



CH6


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
-0.97 dB
16.380000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
1.58 dBm
2.428890000 GHz
D1 6.16 dBm
D2 0.16 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.437 GHz
3.5 MHz/
Span 35 MHz

CH11


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
0.61 dB
16.380000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
-4.69 dBm
2.453810000 GHz
D1 0.96 dBm
D2 -5.04 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.462 GHz
3.5 MHz/
Span 35 MHz

4.3.8 TEST RESULTS (ANTENNA 3)

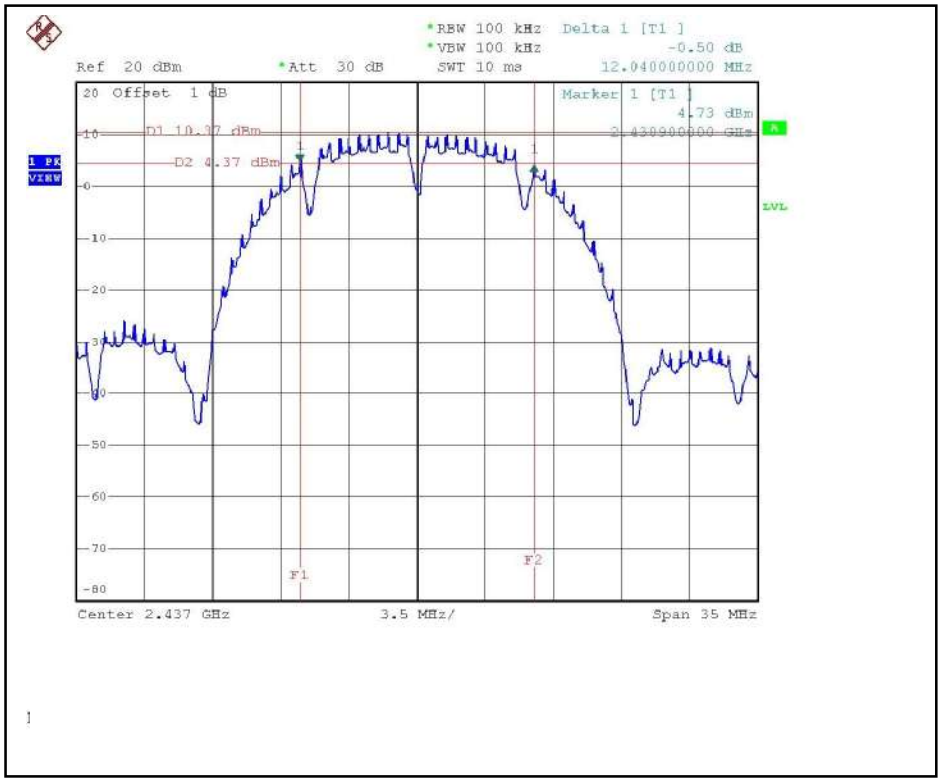
802.11b DSSS modulation

MODULATION TYPE	CCK	**TRANSFER RATE**	1Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

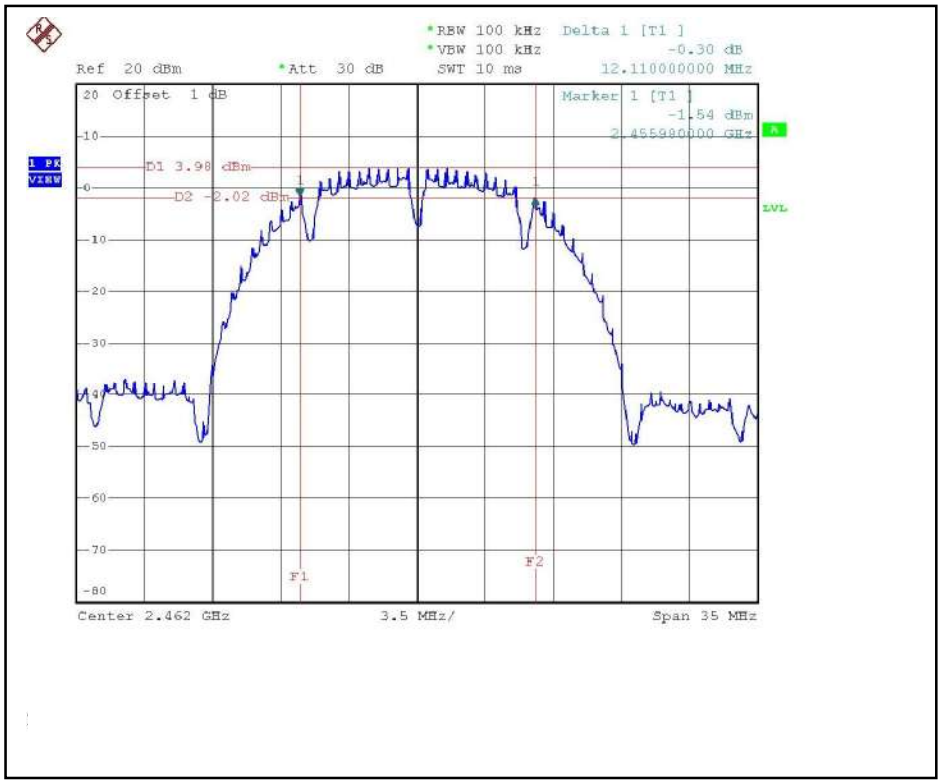
CHANNEL	CHANNEL FREQUENCY (MHz)	6 dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	12.00	0.5	PASS
6	2437	12.04	0.5	PASS
11	2462	12.11	0.5	PASS

CH1

CH6


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
-0.50 dB
12.040000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
4.73 dBm
2.430900000 GHz
D1 10.27 dBm
D2 4.37 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.437 GHz
3.5 MHz/
Span 35 MHz

CH11

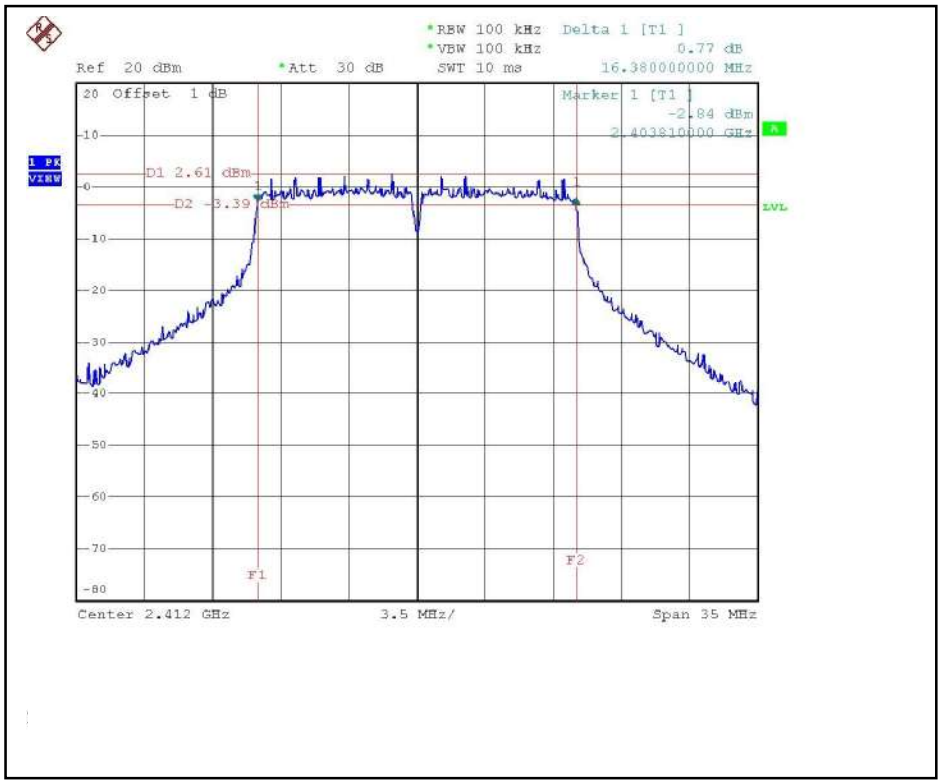

*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
-0.30 dB
12.110000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
-1.54 dBm
2.455980000 GHz
D1 3.98 dBm
D2 -2.02 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.462 GHz
3.5 MHz/
Span 35 MHz

802.11g OFDM modulation

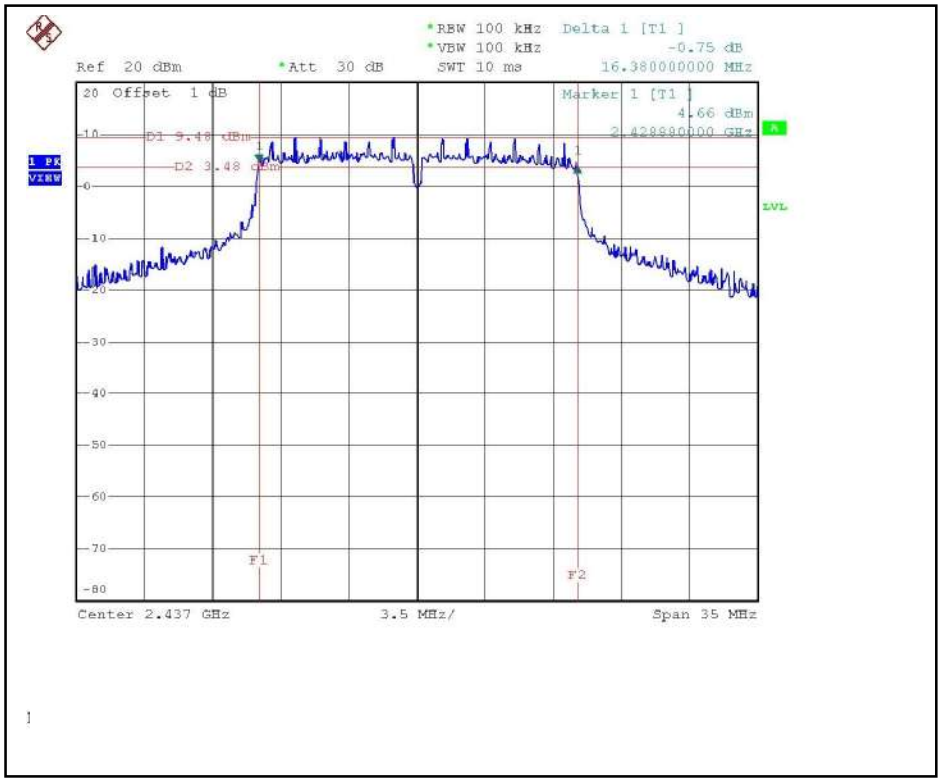
MODULATION TYPE	BPSK	**TRANSFER RATE**	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	6 dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	16.38	0.5	PASS
6	2437	16.38	0.5	PASS
11	2462	16.38	0.5	PASS

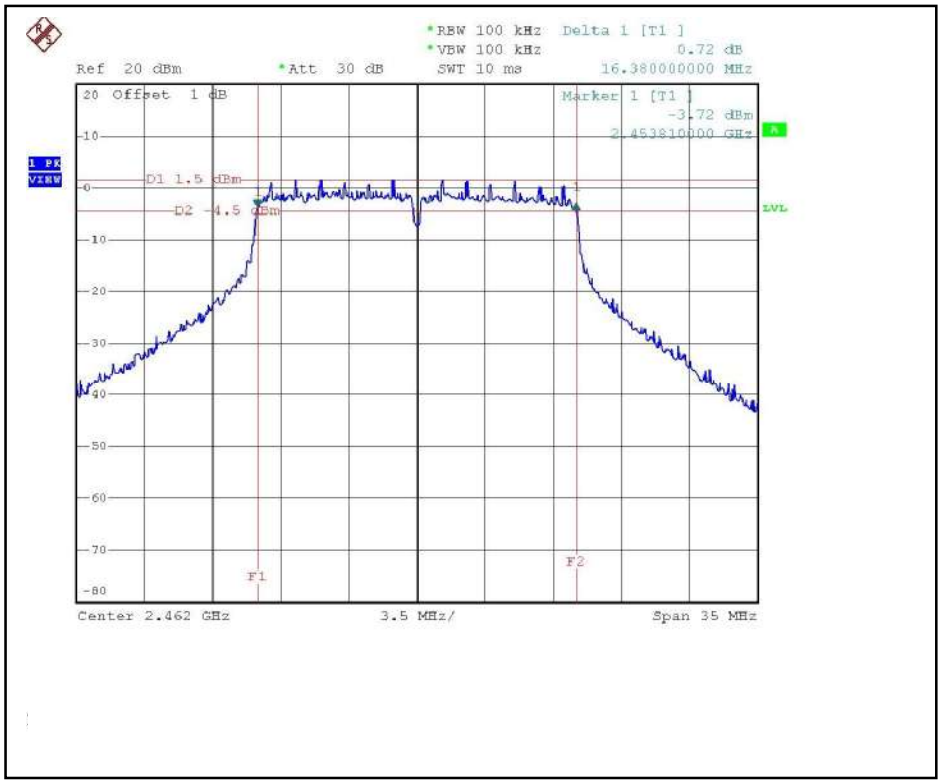
CH1



CH6


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
-0.75 dB
16.380000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
4.66 dBm
2.428890000 GHz
D1 9.48 dBm
D2 3.48 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.437 GHz
3.5 MHz/
Span 35 MHz

CH11


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
0.72 dB
16.380000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
-3.72 dBm
2.453810000 GHz
D1 1.5 dBm
D2 -4.5 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.462 GHz
3.5 MHz/
Span 35 MHz

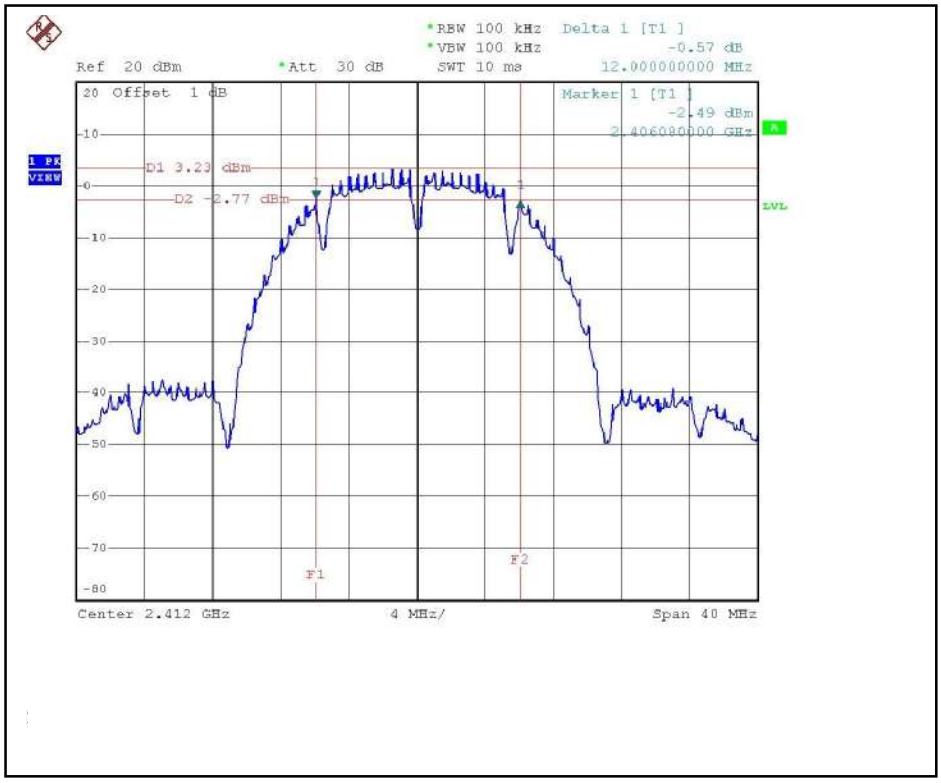
4.3.9 TEST RESULTS (ANTENNA 4)

802.11b DSSS modulation

MODULATION TYPE	CCK	**TRANSFER RATE**	1Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	6 dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	12.00	0.5	PASS
6	2437	12.04	0.5	PASS
11	2462	12.11	0.5	PASS

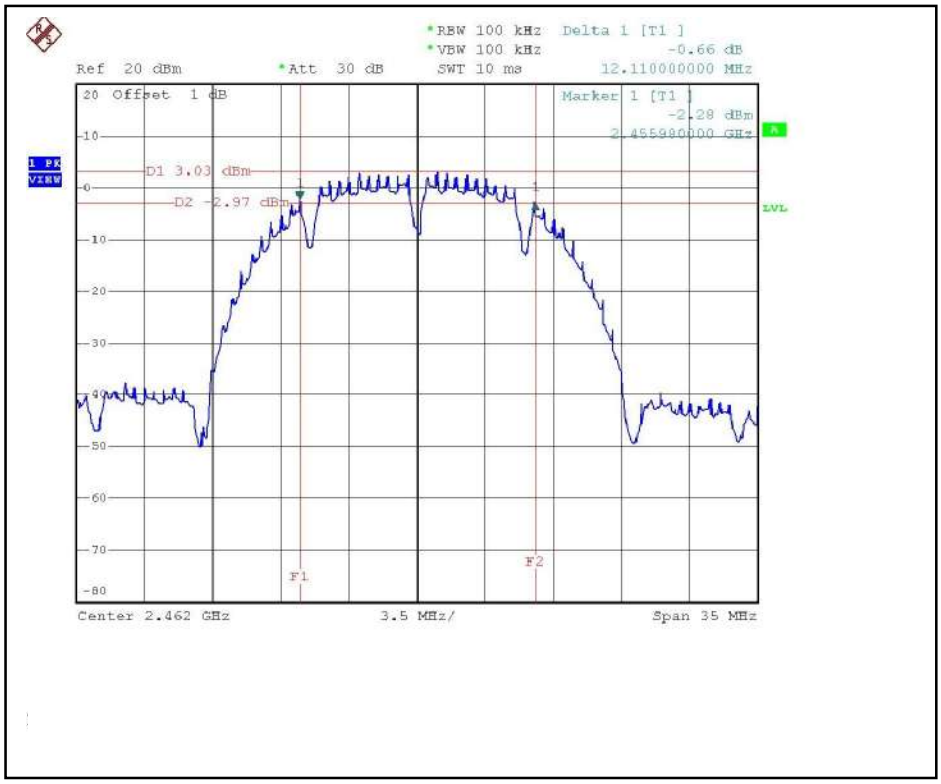
CH1



CH6


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
-0.89 dB
12.040000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
4.76 dBm
2.430980000 GHz
D1 9.74 dBm
D2 3.74 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.437 GHz
3.5 MHz/
Span 35 MHz

CH11

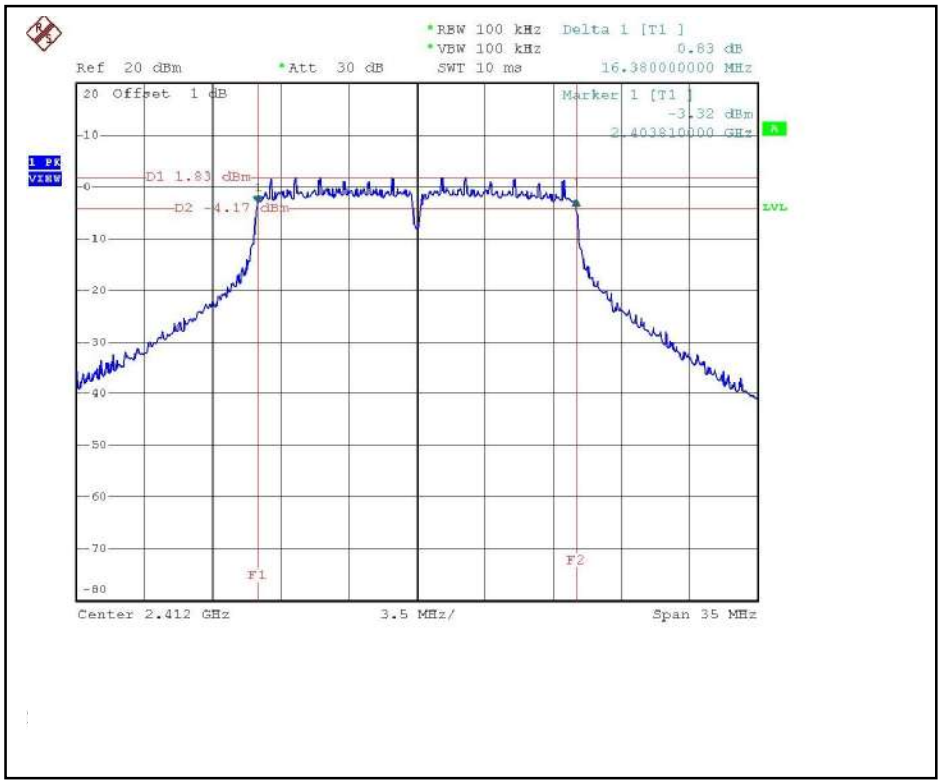

*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
-0.66 dB
12.110000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
-2.28 dBm
2.455980000 GHz
D1 3.03 dBm
D2 -2.97 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.462 GHz
3.5 MHz/
Span 35 MHz

802.11g OFDM modulation

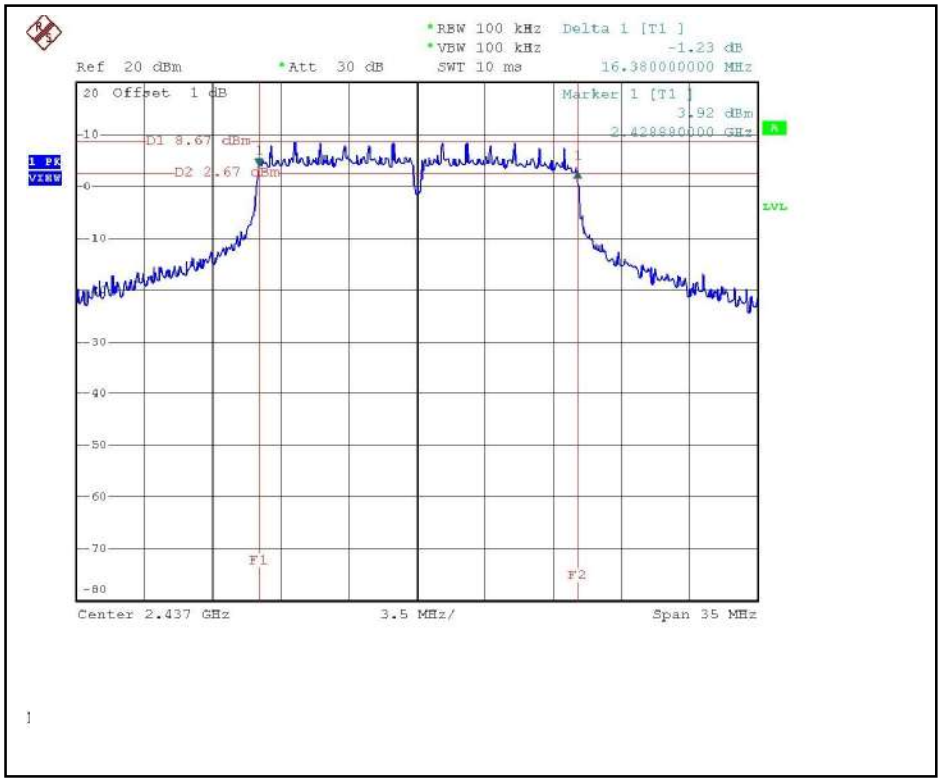
MODULATION TYPE	BPSK	**TRANSFER RATE**	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	6 dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	16.38	0.5	PASS
6	2437	16.38	0.5	PASS
11	2462	16.38	0.5	PASS

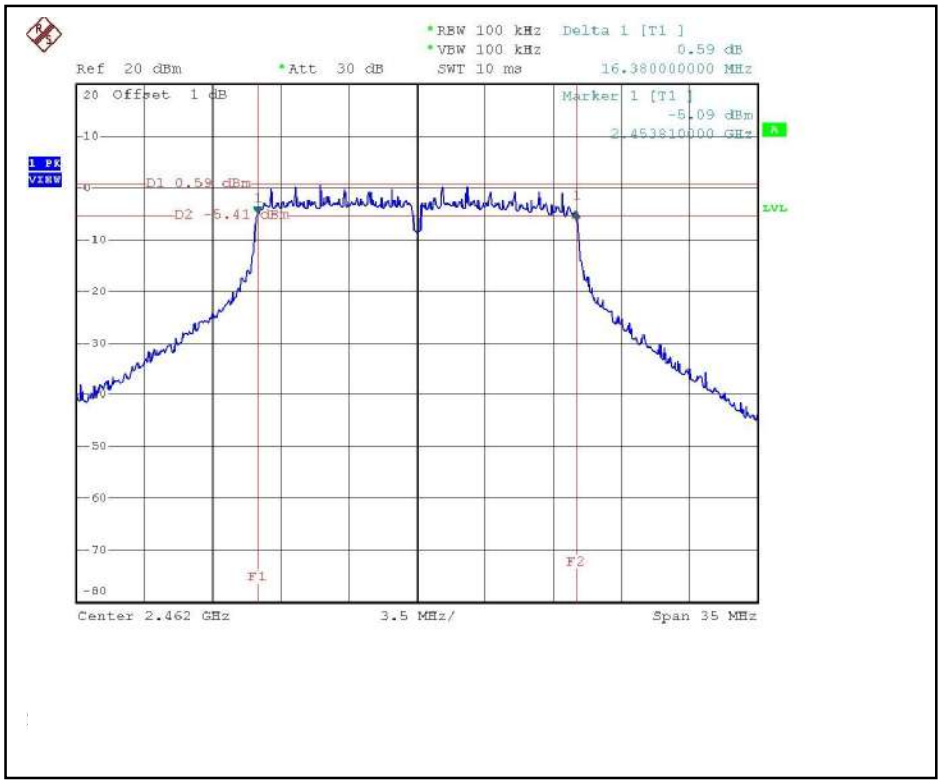
CH1



CH6


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
-1.23 dB
16.380000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
3.92 dBm
2.428890000 GHz
D1 8.67 dBm
D2 2.67 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.437 GHz
3.5 MHz/
Span 35 MHz

CH11


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
0.59 dB
16.380000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
-5.09 dBm
2.453810000 GHz
D1 0.59 dBm
D2 -5.41 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.462 GHz
3.5 MHz/
Span 35 MHz

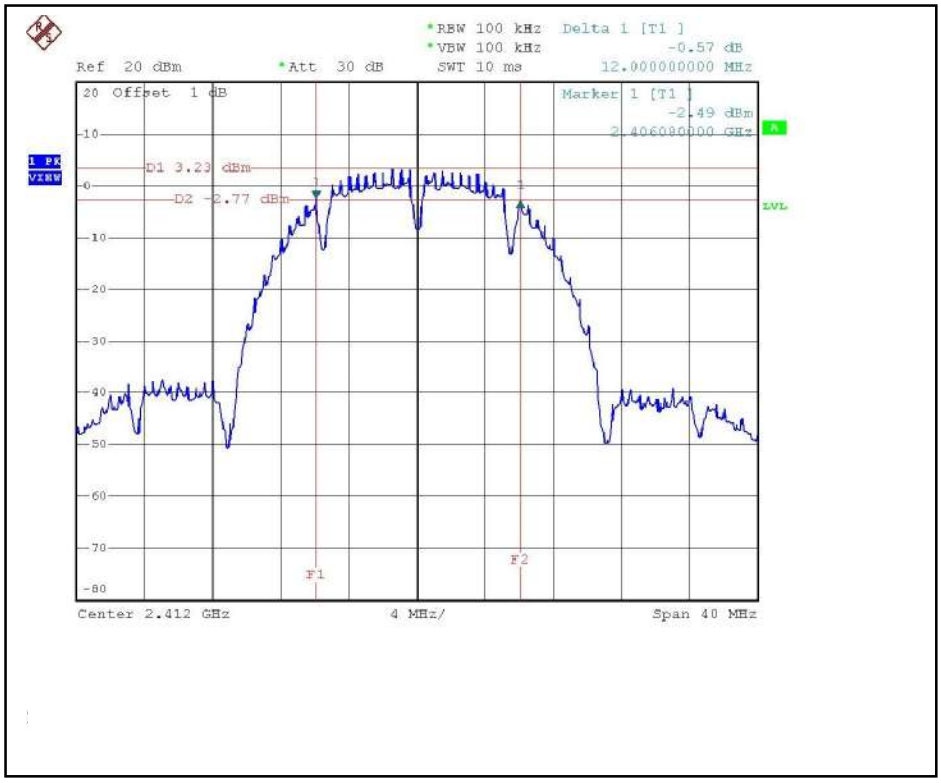
4.3.10 TEST RESULTS (ANTENNA 5)

802.11b DSSS modulation

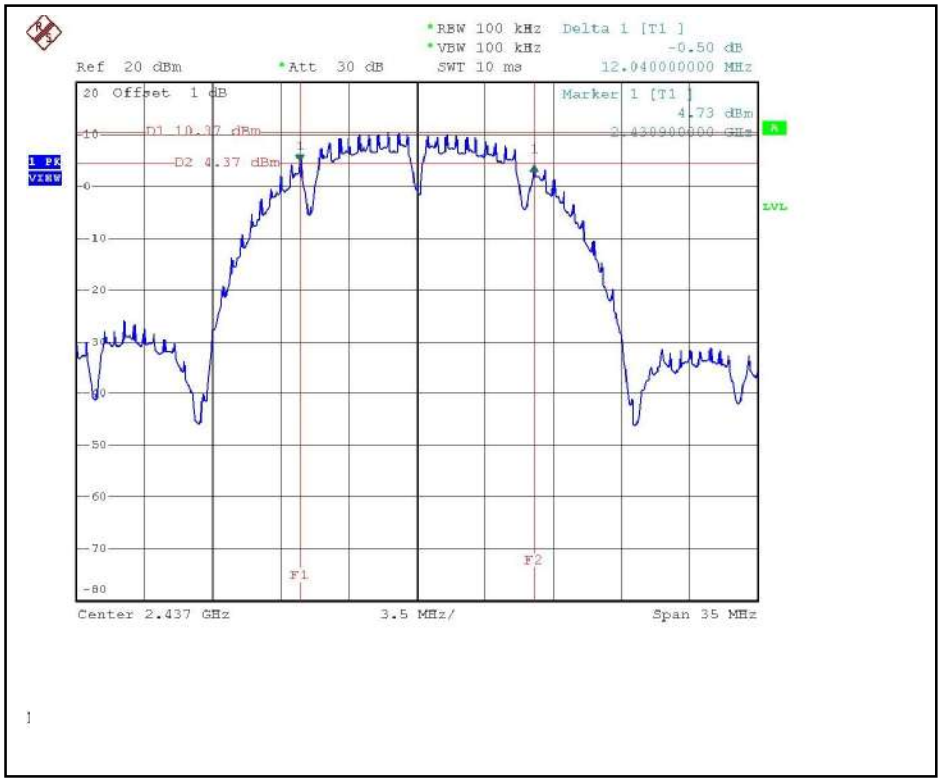
MODULATION TYPE	CCK	**TRANSFER RATE**	1Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	6 dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	12.00	0.5	PASS
6	2437	12.04	0.5	PASS
11	2462	12.11	0.5	PASS

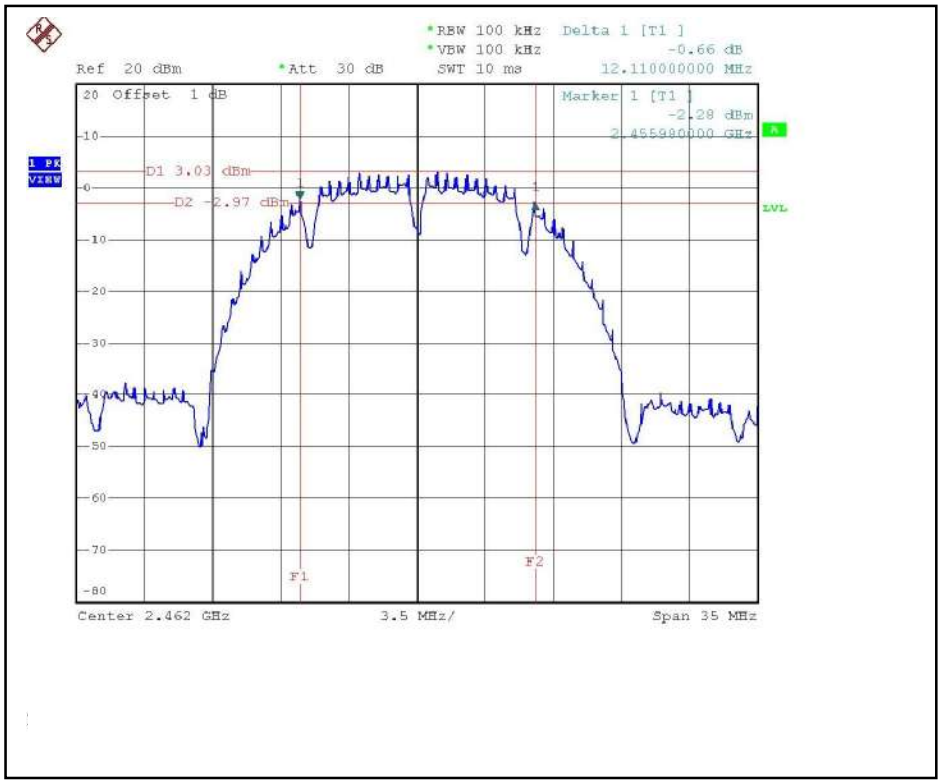
CH1



CH6


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
-0.50 dB
12.040000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
4.73 dBm
2.430900000 GHz
D1 10.27 dBm
D2 4.37 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.437 GHz
3.5 MHz/
Span 35 MHz

CH11

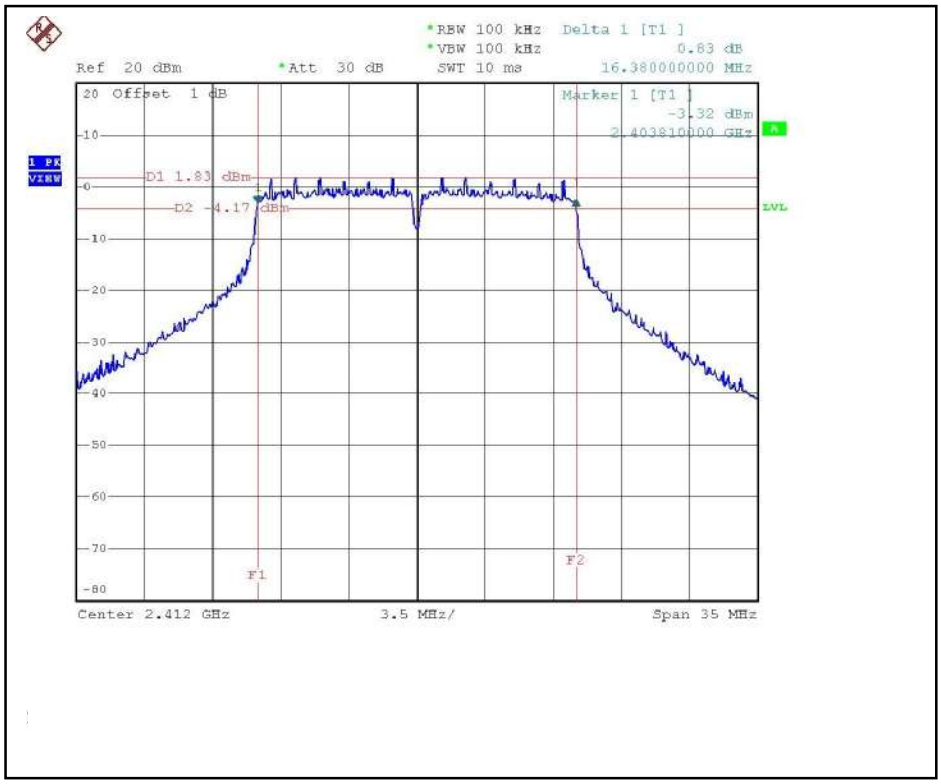

*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
-0.66 dB
12.110000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
-2.28 dBm
2.455980000 GHz
D1 3.03 dBm
D2 -2.97 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.462 GHz
3.5 MHz/
Span 35 MHz

802.11g OFDM modulation

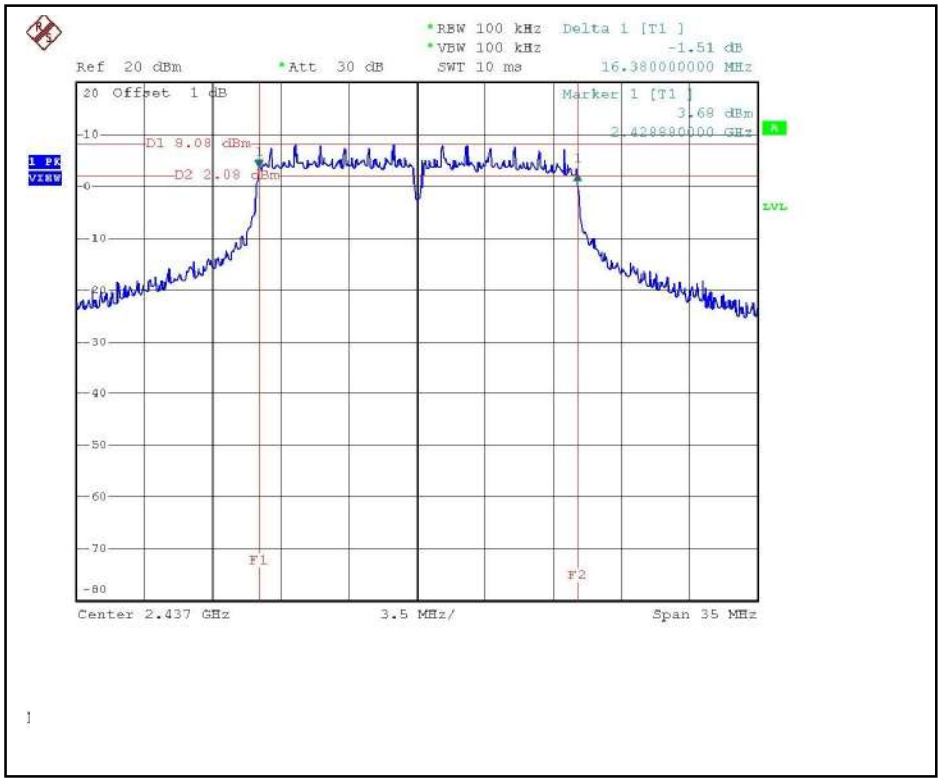
MODULATION TYPE	BPSK	**TRANSFER RATE**	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	6 dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	16.38	0.5	PASS
6	2437	16.38	0.5	PASS
11	2462	16.38	0.5	PASS

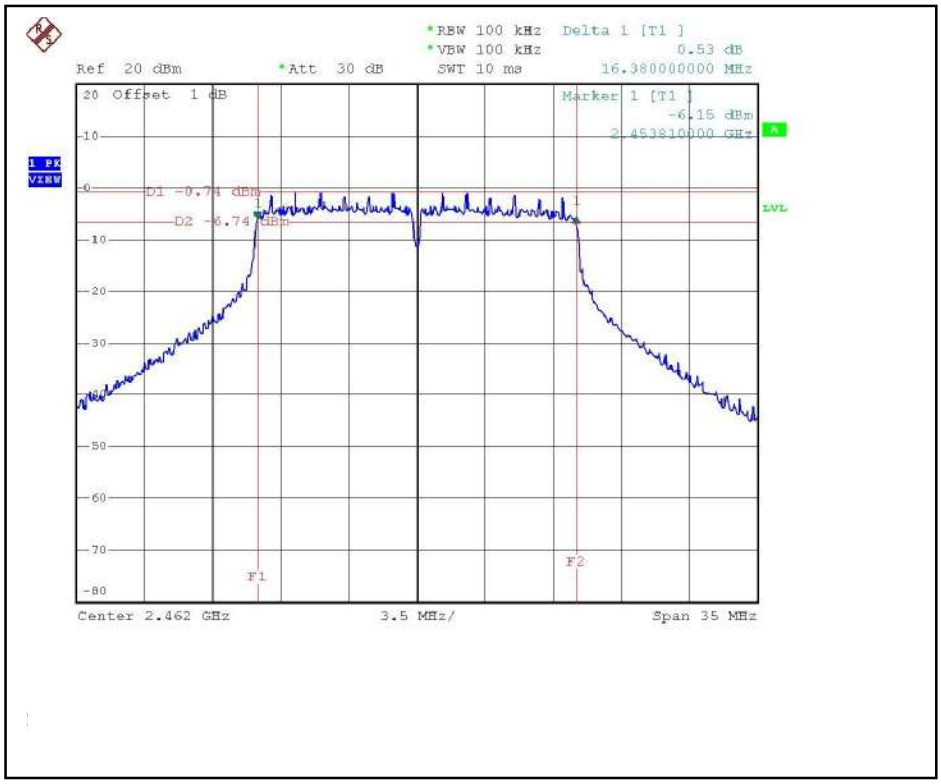
CH1



CH6


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
-1.51 dB
16.380000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
3.68 dBm
2.428890000 GHz
D1 9.08 dBm
D2 2.08 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.437 GHz
3.5 MHz/
Span 35 MHz

CH11


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
0.53 dB
16.380000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
-6.15 dBm
2.453810000 GHz
D1 -0.74 dBm
D2 -6.74 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.462 GHz
3.5 MHz/
Span 35 MHz

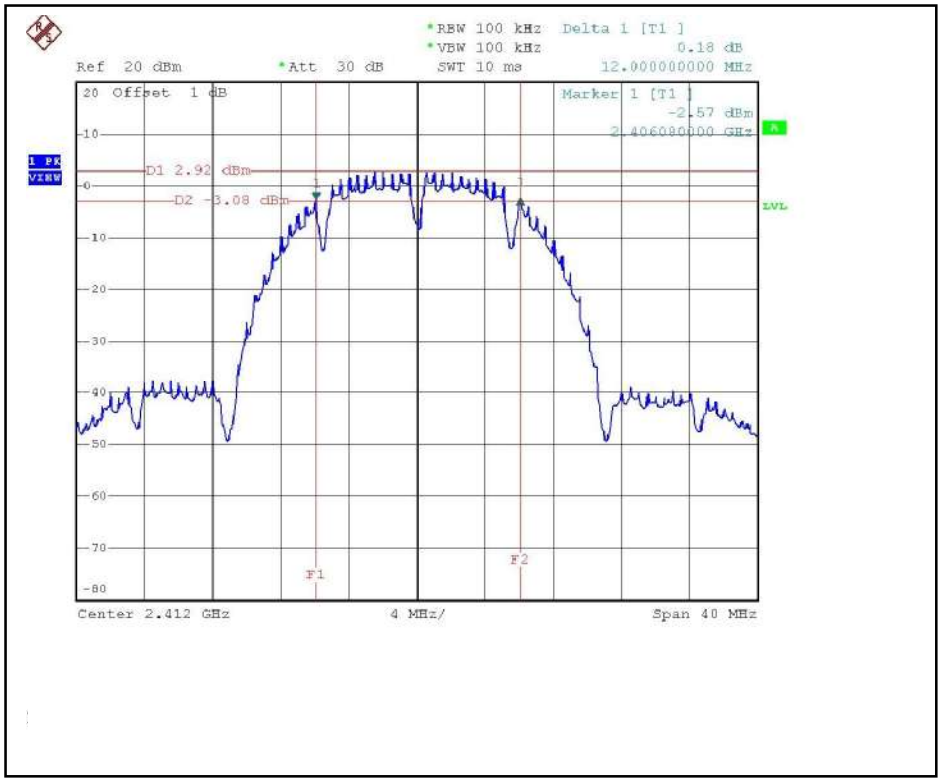
4.3.11 TEST RESULTS (ANTENNA 6)

802.11b DSSS modulation

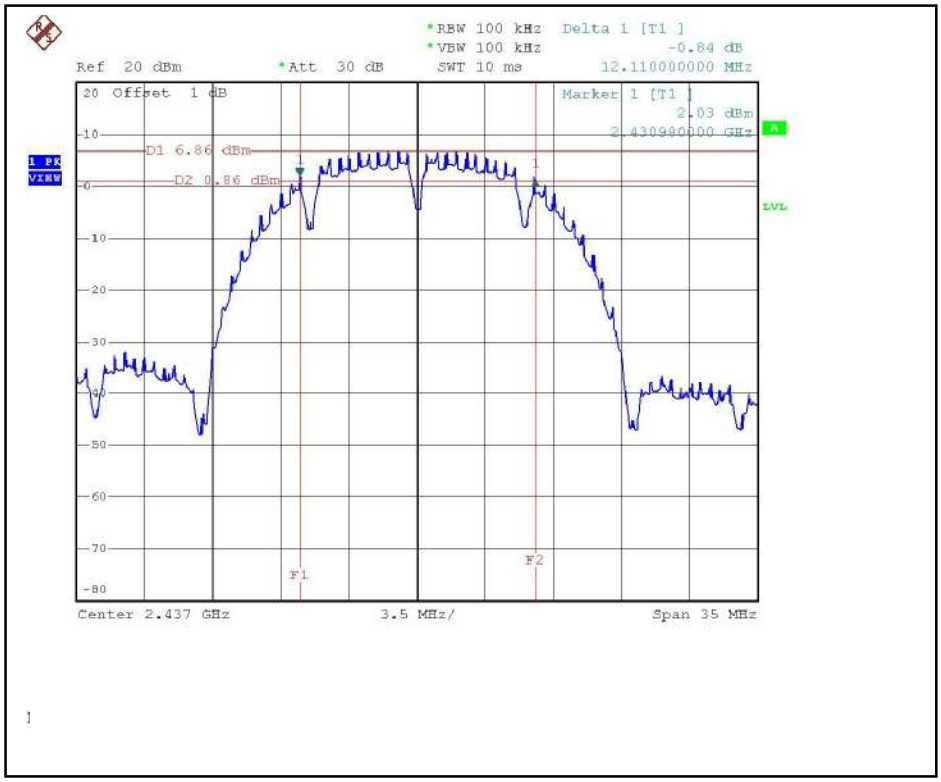
MODULATION TYPE	CCK	**TRANSFER RATE**	1Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	6 dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	12.00	0.5	PASS
6	2437	12.11	0.5	PASS
11	2462	12.11	0.5	PASS

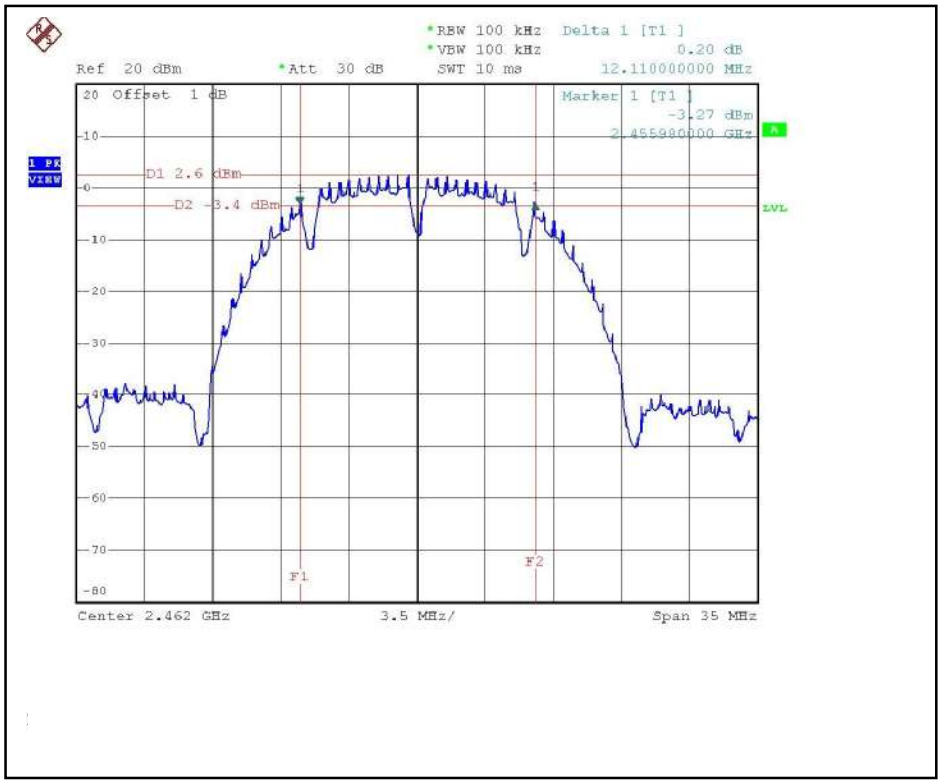
CH1



CH6


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
-0.84 dB
12.110000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
2.03 dBm
2.430980000 GHz
D1 6.86 dBm
D2 0.86 dBm
1 PK VIEW
LVL
Center 2.437 GHz
3.5 MHz/
Span 35 MHz
F1
F2

CH11

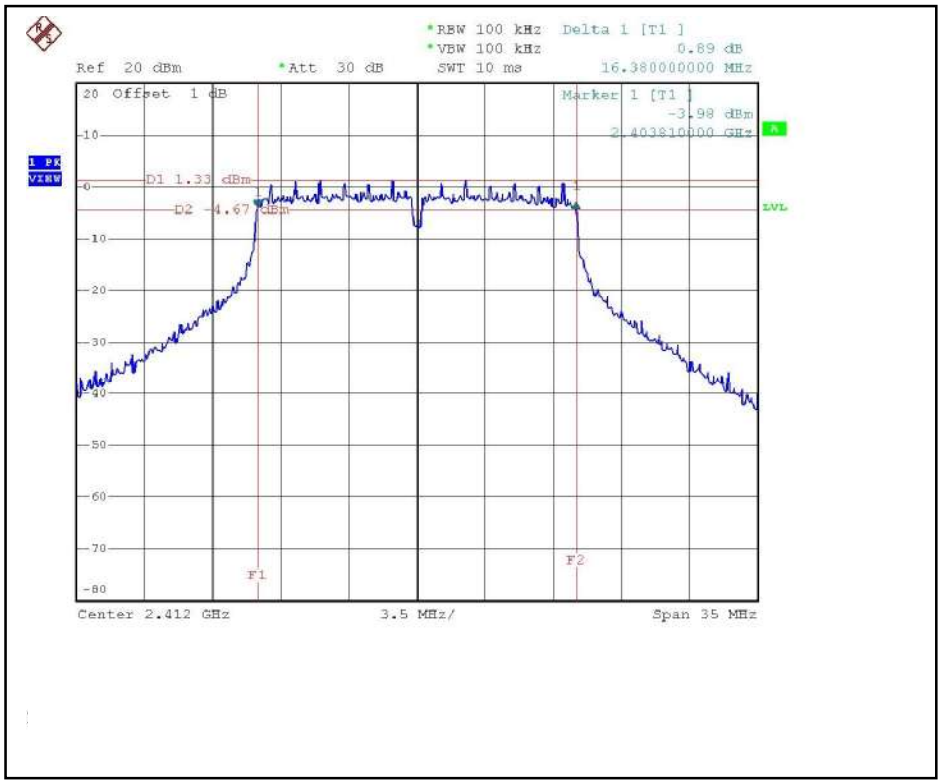

*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
0.20 dB
12.110000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
-3.27 dBm
2.455980000 GHz
D1 2.6 dBm
D2 -3.4 dBm
1 PK VIEW
LVL
Center 2.462 GHz
3.5 MHz/
Span 35 MHz
F1
F2

802.11g OFDM modulation

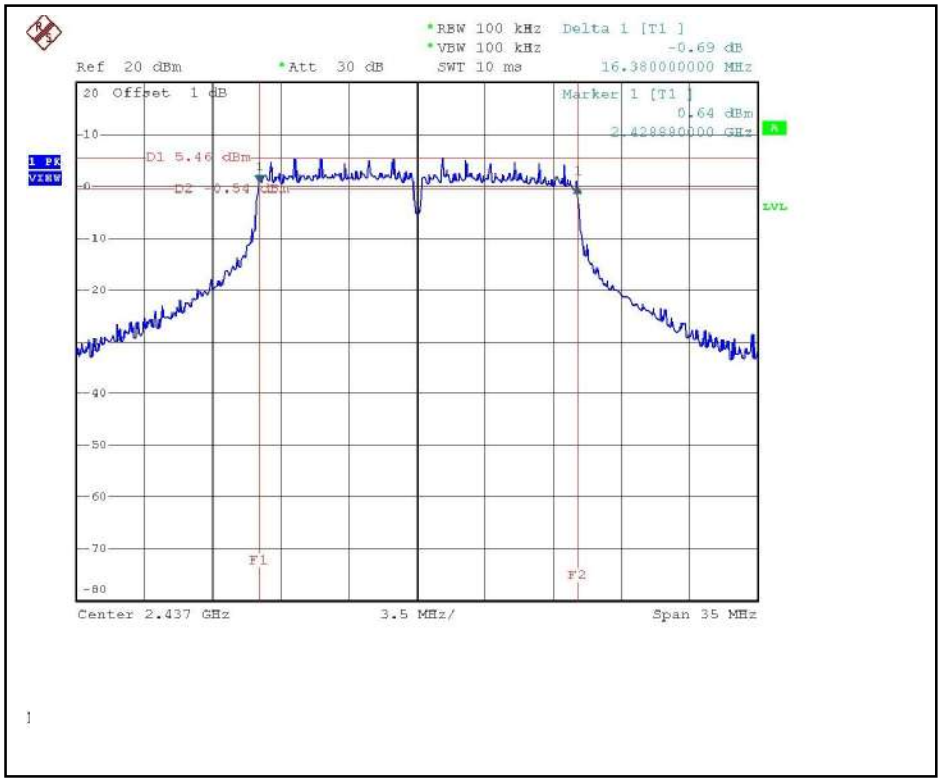
MODULATION TYPE	BPSK	**TRANSFER RATE**	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	6 dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	16.38	0.5	PASS
6	2437	16.38	0.5	PASS
11	2462	16.38	0.5	PASS

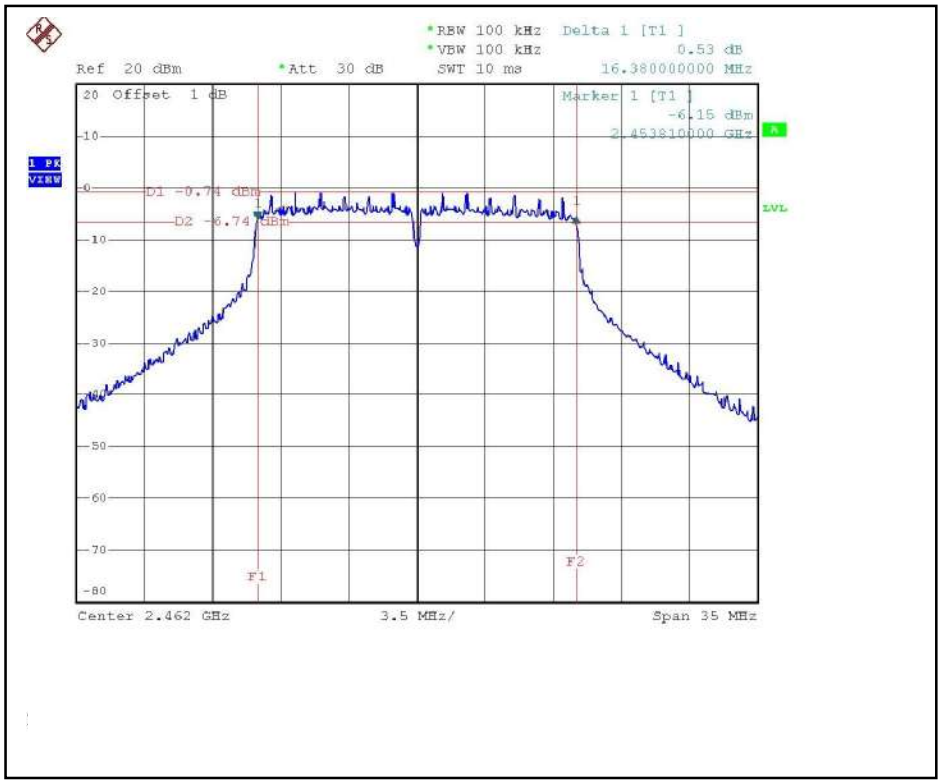
CH1



CH6


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
-0.69 dB
16.380000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
0.64 dBm
2.428890000 GHz
D1 5.46 dBm
D2 -0.54 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.437 GHz
3.5 MHz/
Span 35 MHz

CH11


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
0.53 dB
16.380000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
-6.15 dBm
2.453810000 GHz
D1 -0.74 dBm
D2 -6.74 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.462 GHz
3.5 MHz/
Span 35 MHz

4.3.12 TEST RESULTS (ANTENNA 7)

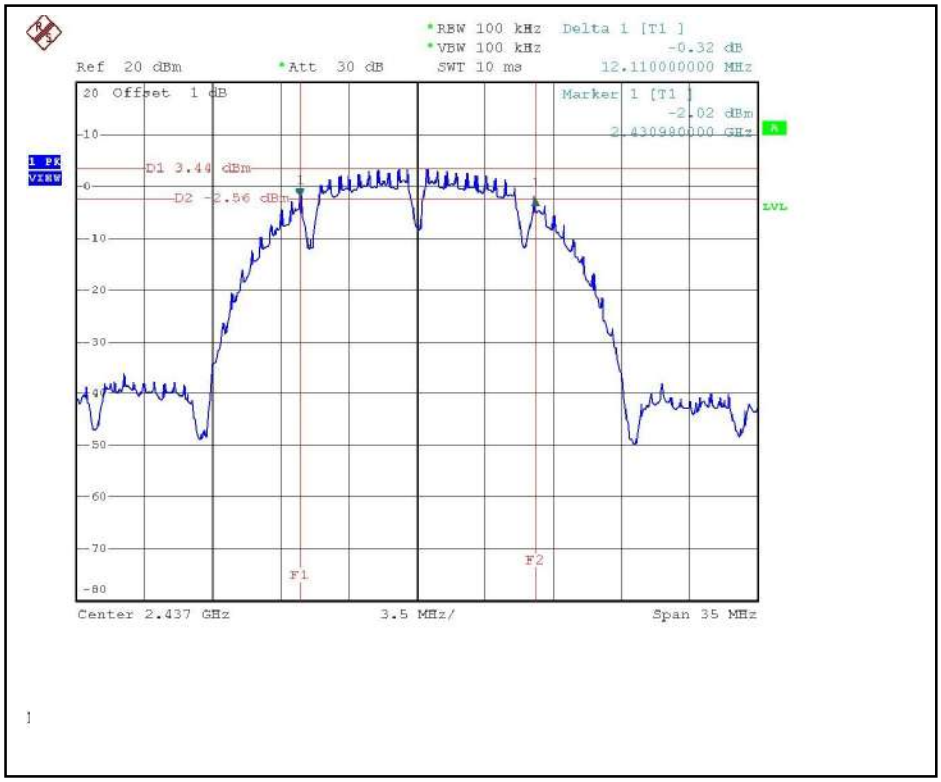
802.11b DSSS modulation

MODULATION TYPE	CCK	**TRANSFER RATE**	1Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

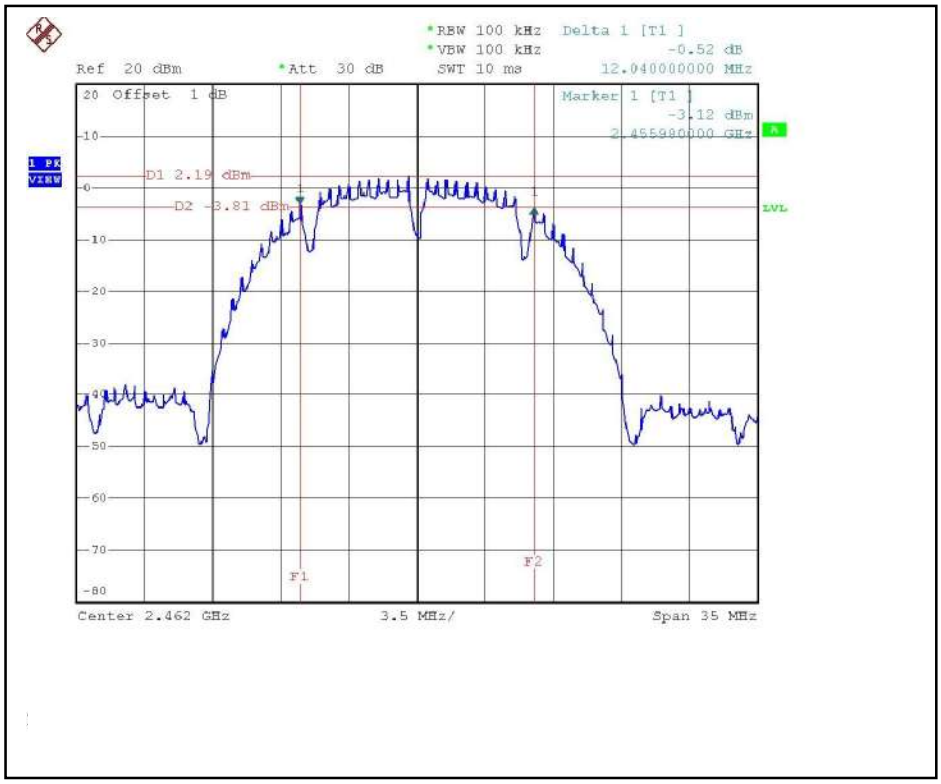
CHANNEL	CHANNEL FREQUENCY (MHz)	6 dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	12.08	0.5	PASS
6	2437	12.11	0.5	PASS
11	2462	12.04	0.5	PASS

CH1

CH6


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
-0.32 dB
12.110000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
-2.02 dBm
2.430980000 GHz
D1 3.44 dBm
D2 -2.56 dBm
1 PK VIEW
LVL
F1
F2
Center 2.437 GHz
3.5 MHz/
Span 35 MHz

CH11

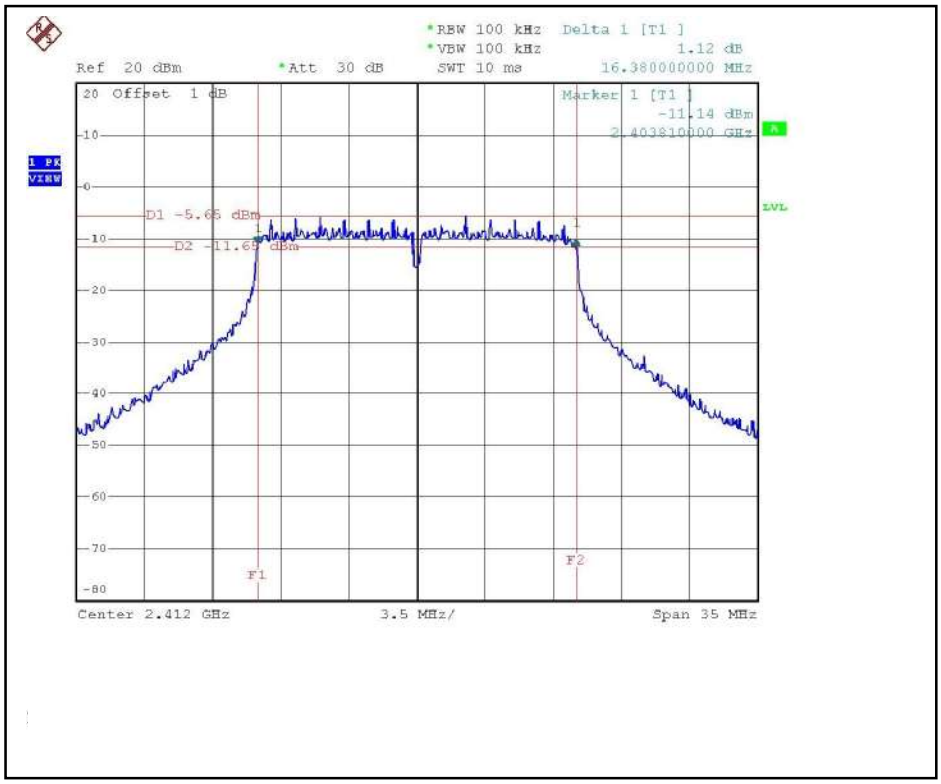

*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
-0.52 dB
12.040000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
-3.12 dBm
2.455980000 GHz
D1 2.19 dBm
D2 -3.81 dBm
1 PK VIEW
LVL
F1
F2
Center 2.462 GHz
3.5 MHz/
Span 35 MHz

802.11g OFDM modulation

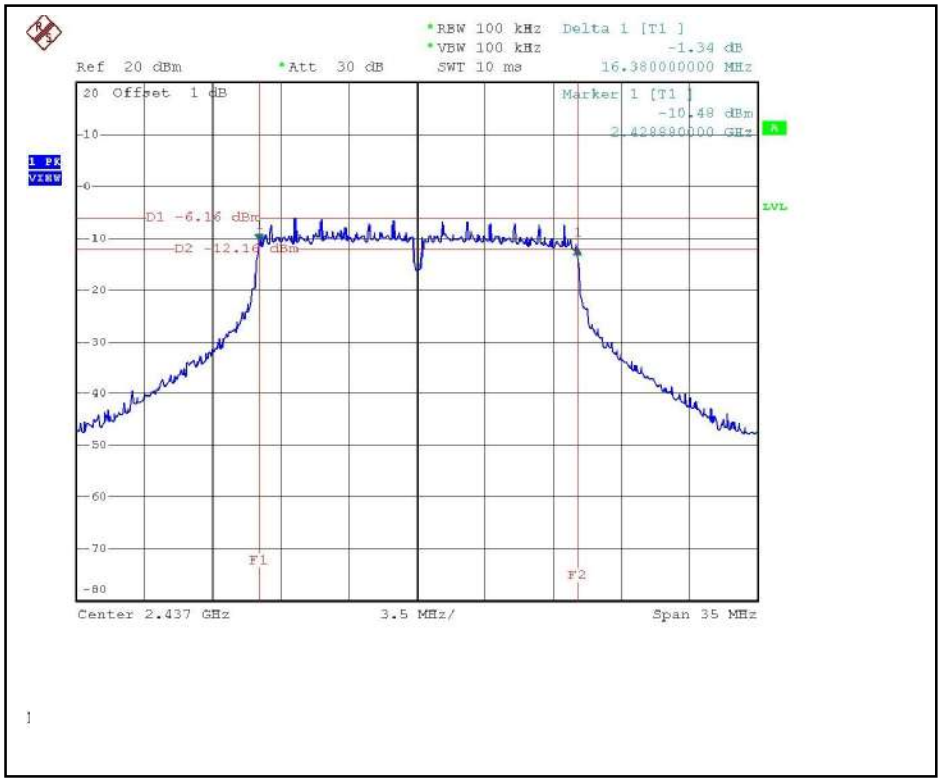
MODULATION TYPE	BPSK	**TRANSFER RATE**	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	6 dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	16.38	0.5	PASS
6	2437	16.38	0.5	PASS
11	2462	16.38	0.5	PASS

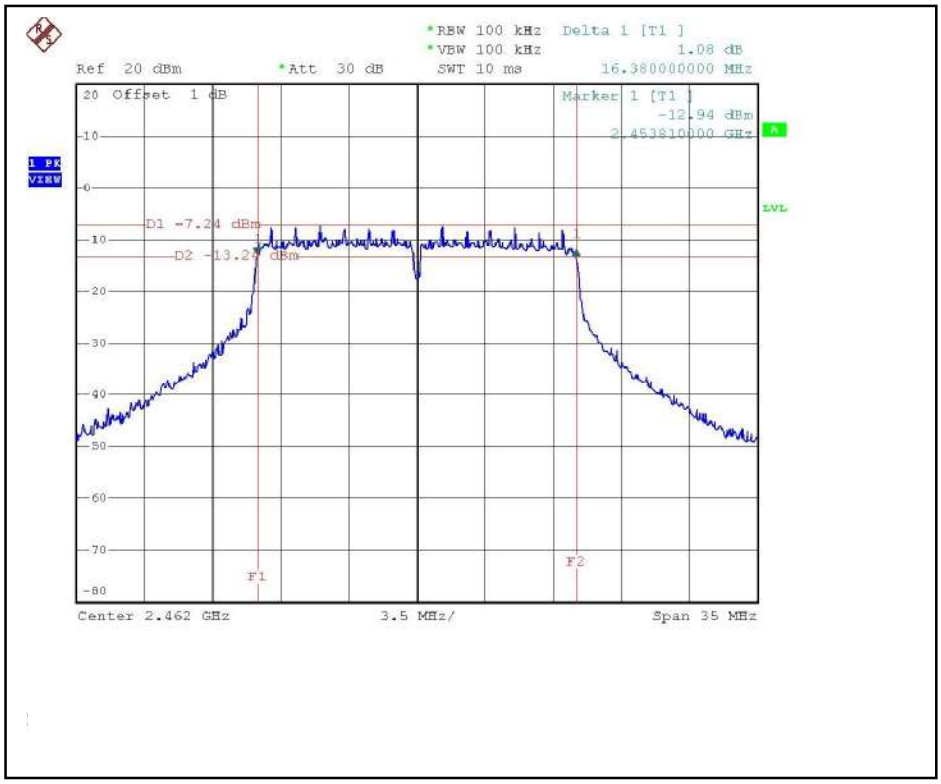
CH1



CH6


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
-1.34 dB
16.380000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
-10.48 dBm
2.428890000 GHz
1 PK
VIEW
LVL
D1 -6.16 dBm
D2 -12.16 dBm
F1
F2
Center 2.437 GHz
3.5 MHz/
Span 35 MHz

CH11


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
1.08 dB
16.380000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
-12.94 dBm
2.453810000 GHz
1 PK
VIEW
LVL
D1 -7.24 dBm
D2 -13.24 dBm
F1
F2
Center 2.462 GHz
3.5 MHz/
Span 35 MHz

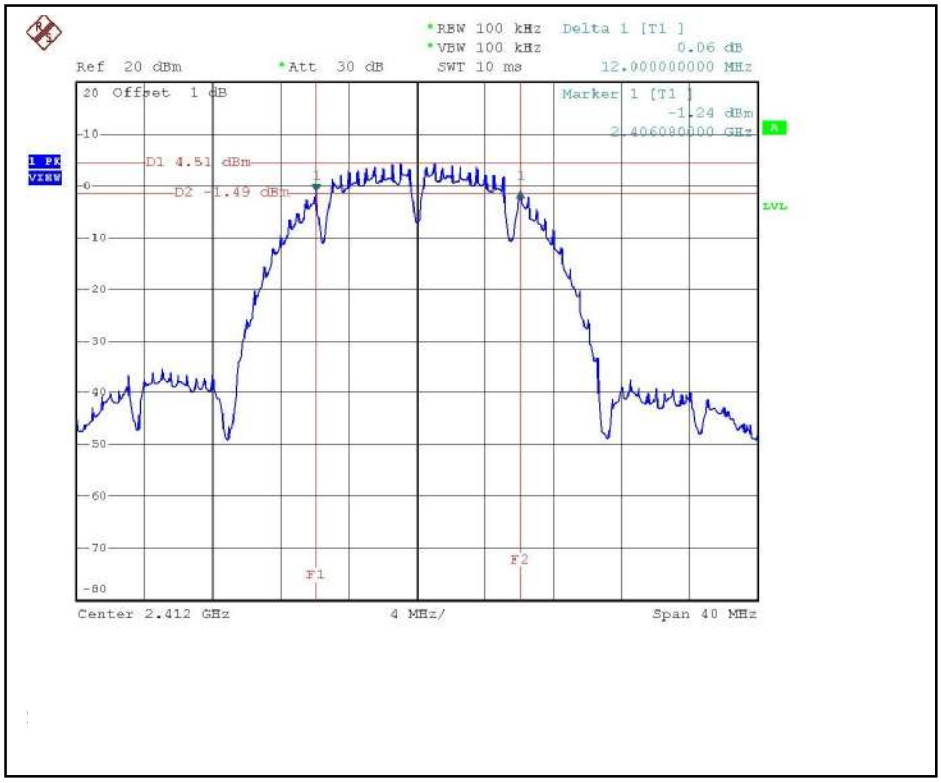
4.3.13 TEST RESULTS (ANTENNA 8)

802.11b DSSS modulation

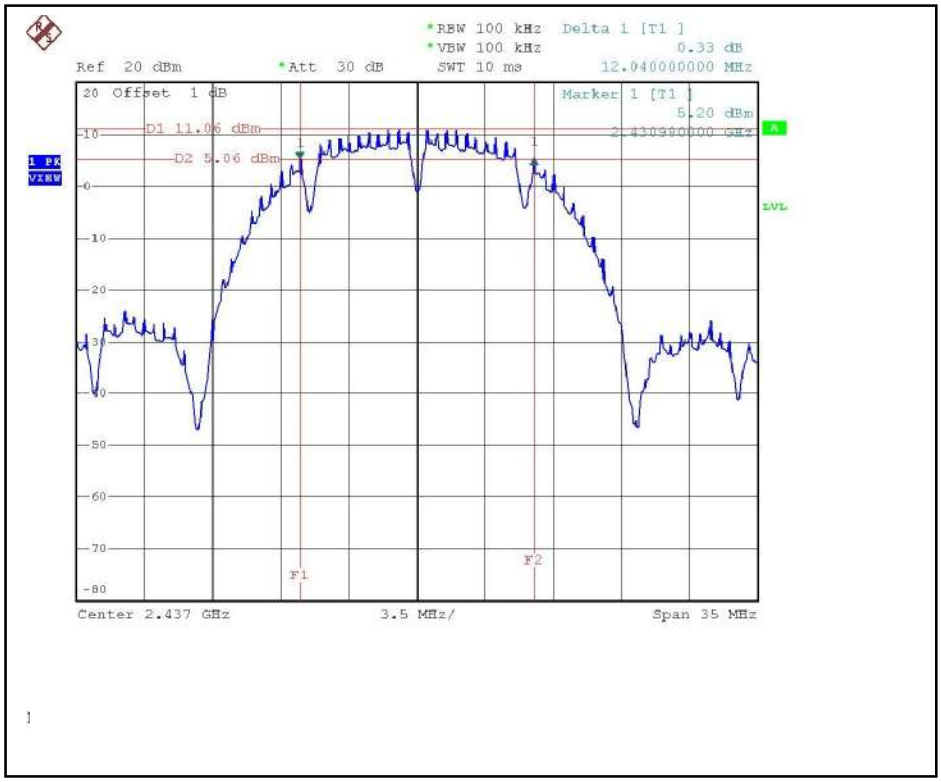
MODULATION TYPE	CCK	**TRANSFER RATE**	1Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	6 dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	12.00	0.5	PASS
6	2437	12.04	0.5	PASS
11	2462	12.04	0.5	PASS

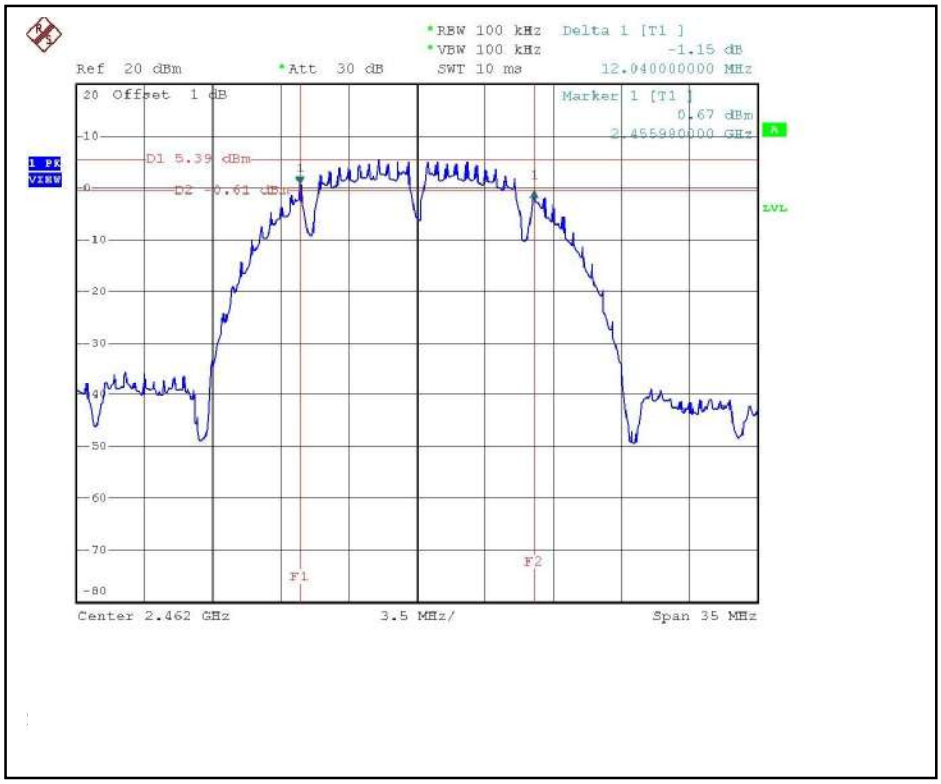
CH1



CH6


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
0.33 dB
12.040000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
5.20 dBm
2.430990000 GHz
D1 11.06 dBm
D2 5.06 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.437 GHz
3.5 MHz/
Span 35 MHz

CH11

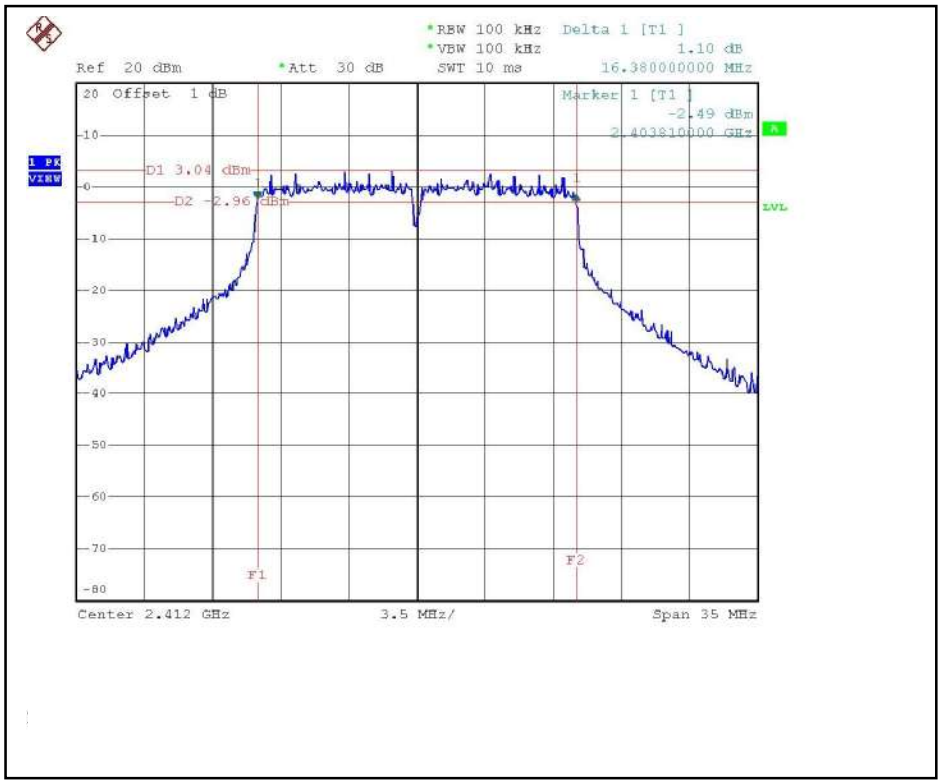

*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
-1.15 dB
12.040000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
0.67 dBm
2.455980000 GHz
D1 5.39 dBm
D2 -0.61 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.462 GHz
3.5 MHz/
Span 35 MHz

802.11g OFDM modulation

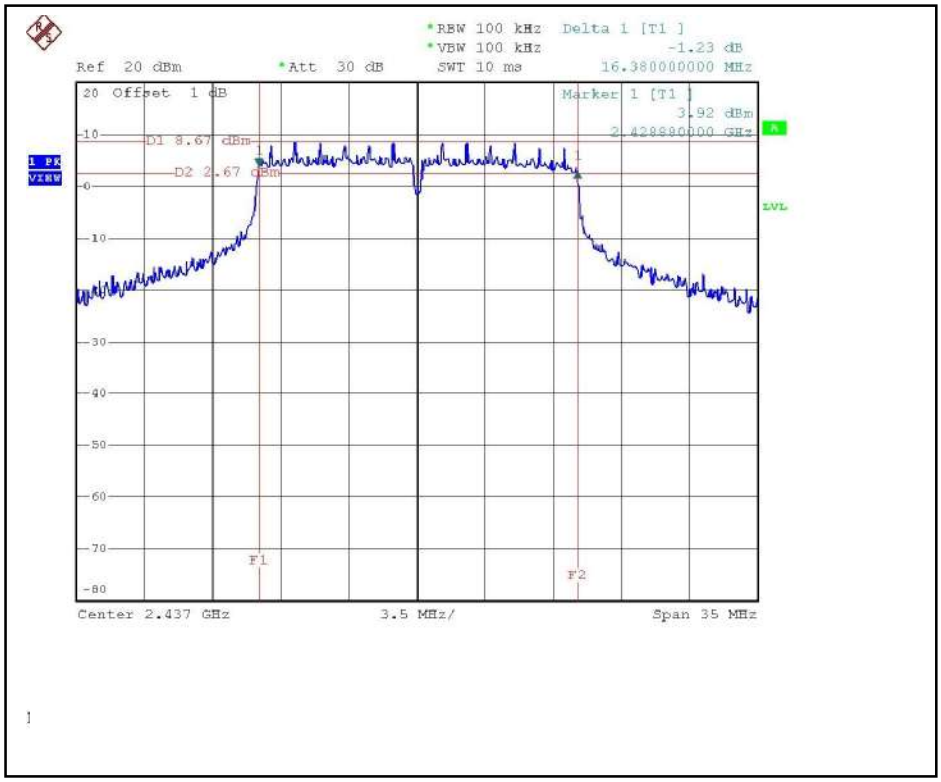
MODULATION TYPE	BPSK	**TRANSFER RATE**	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	6 dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	16.38	0.5	PASS
6	2437	16.38	0.5	PASS
11	2462	16.38	0.5	PASS

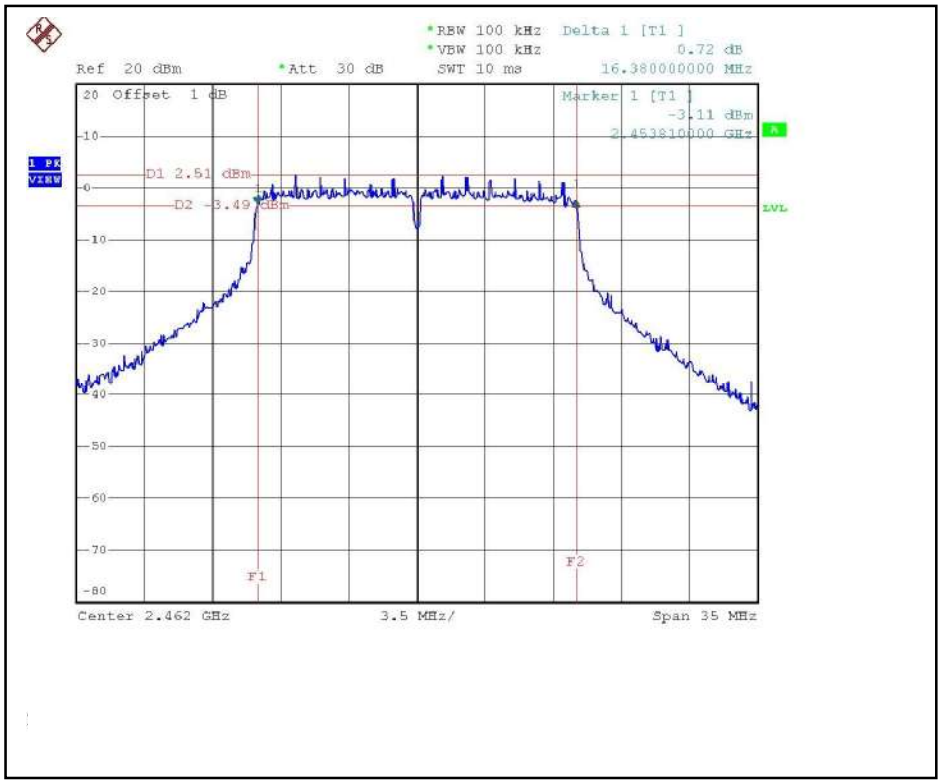
CH1



CH6


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
-1.23 dB
16.380000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
3.92 dBm
2.428890000 GHz
D1 8.67 dBm
D2 2.67 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.437 GHz
3.5 MHz/
Span 35 MHz

CH11


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
0.72 dB
16.380000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
-3.11 dBm
2.453810000 GHz
D1 2.51 dBm
D2 -3.49 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.462 GHz
3.5 MHz/
Span 35 MHz

4.3.14 TEST RESULTS (ANTENNA 9)

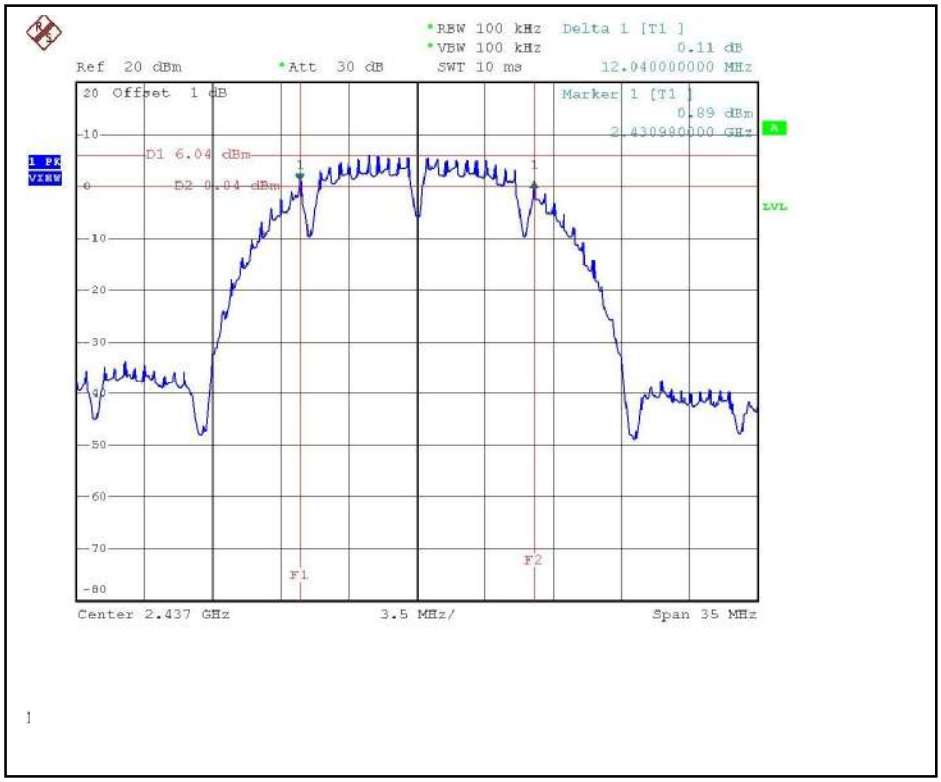
802.11b DSSS modulation

MODULATION TYPE	CCK	**TRANSFER RATE**	1Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

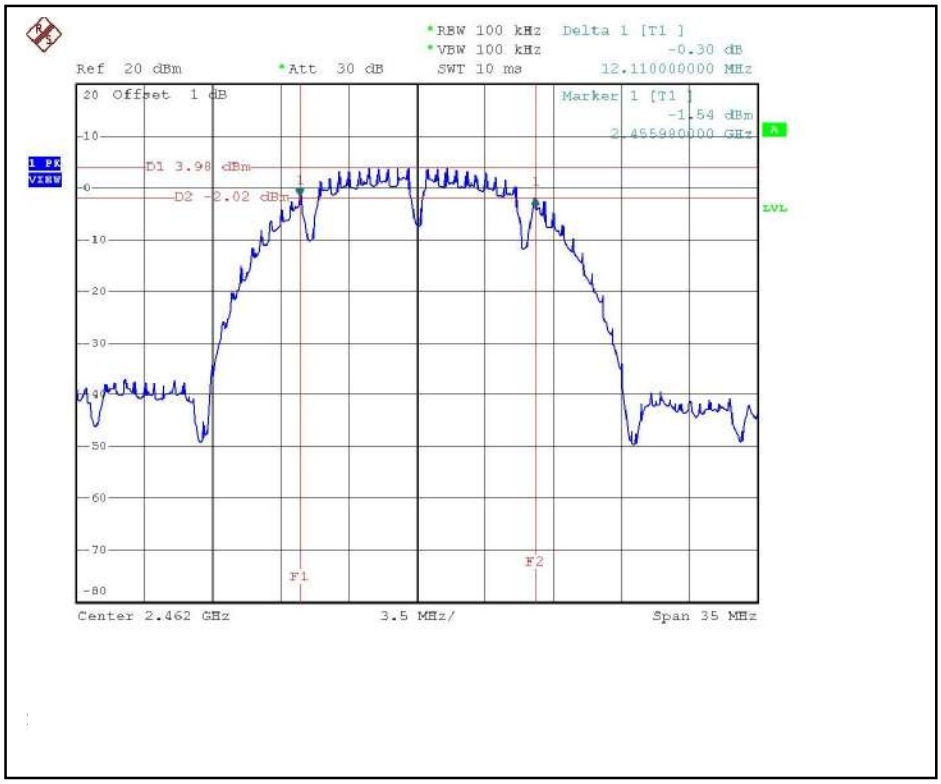
CHANNEL	CHANNEL FREQUENCY (MHz)	6 dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	12.00	0.5	PASS
6	2437	12.04	0.5	PASS
11	2462	12.11	0.5	PASS

CH1

CH6


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
0.11 dB
12.040000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
0.89 dBm
2.430980000 GHz
D1 6.04 dBm
D2 0.04 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.437 GHz
3.5 MHz/
Span 35 MHz

CH11

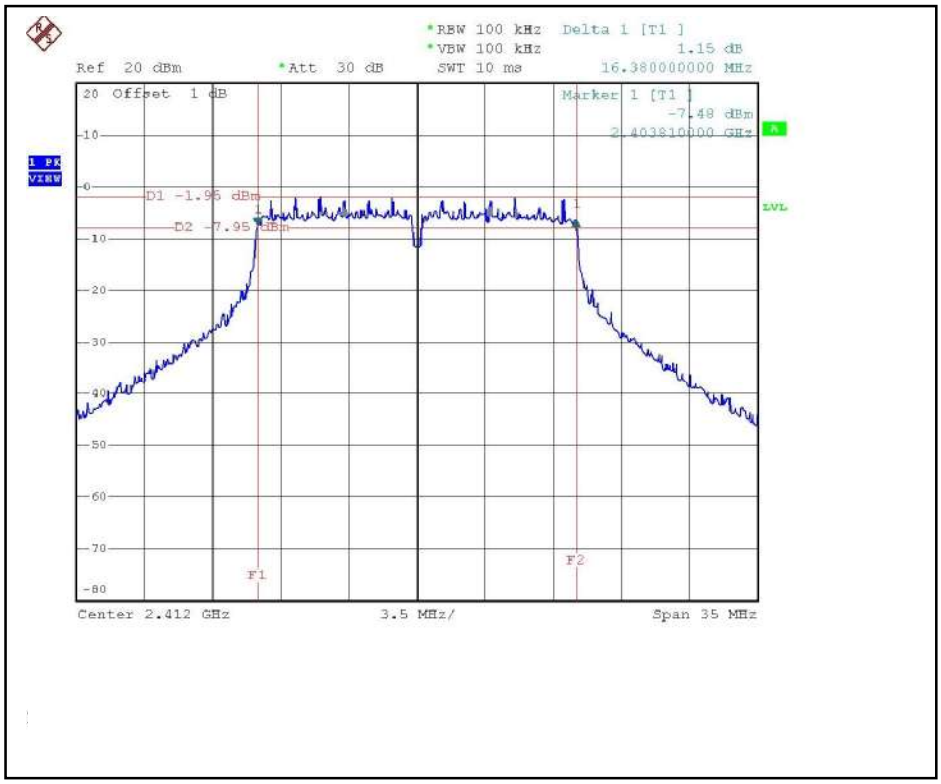

*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
-0.30 dB
12.110000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
-1.54 dBm
2.455980000 GHz
D1 3.98 dBm
D2 -2.02 dBm
1 PK
VIEW
LVL
F1
F2
Center 2.462 GHz
3.5 MHz/
Span 35 MHz

802.11g OFDM modulation

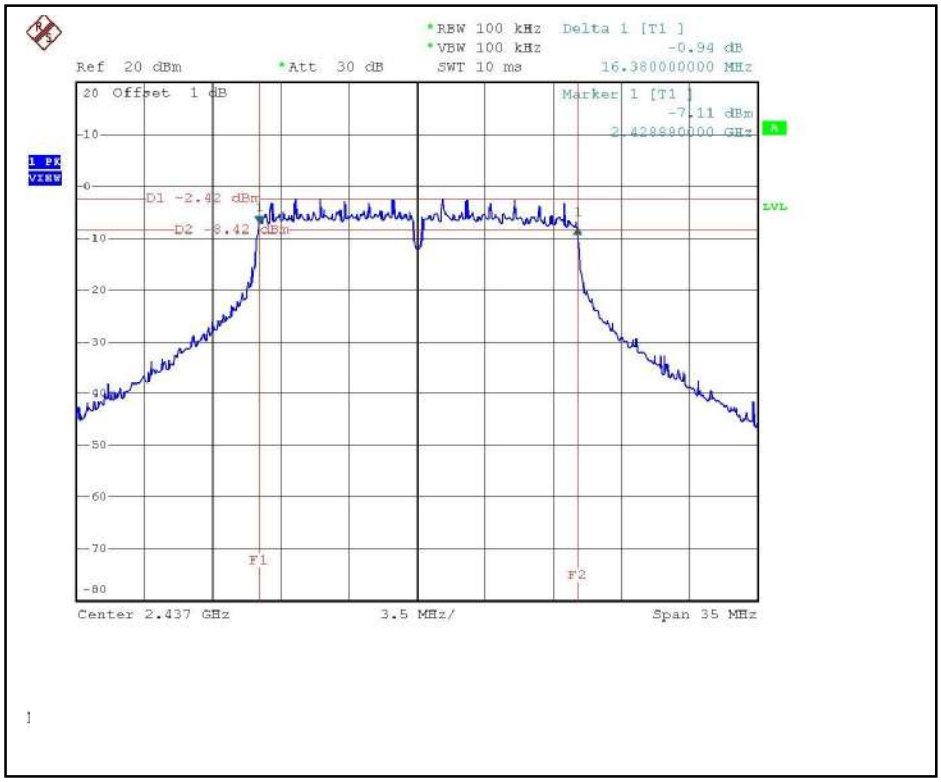
MODULATION TYPE	BPSK	**TRANSFER RATE**	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60 Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	6 dB BANDWIDTH (MHz)	MINIMUM LIMIT (MHz)	PASS/FAIL
1	2412	16.38	0.5	PASS
6	2437	16.38	0.5	PASS
11	2462	16.38	0.5	PASS

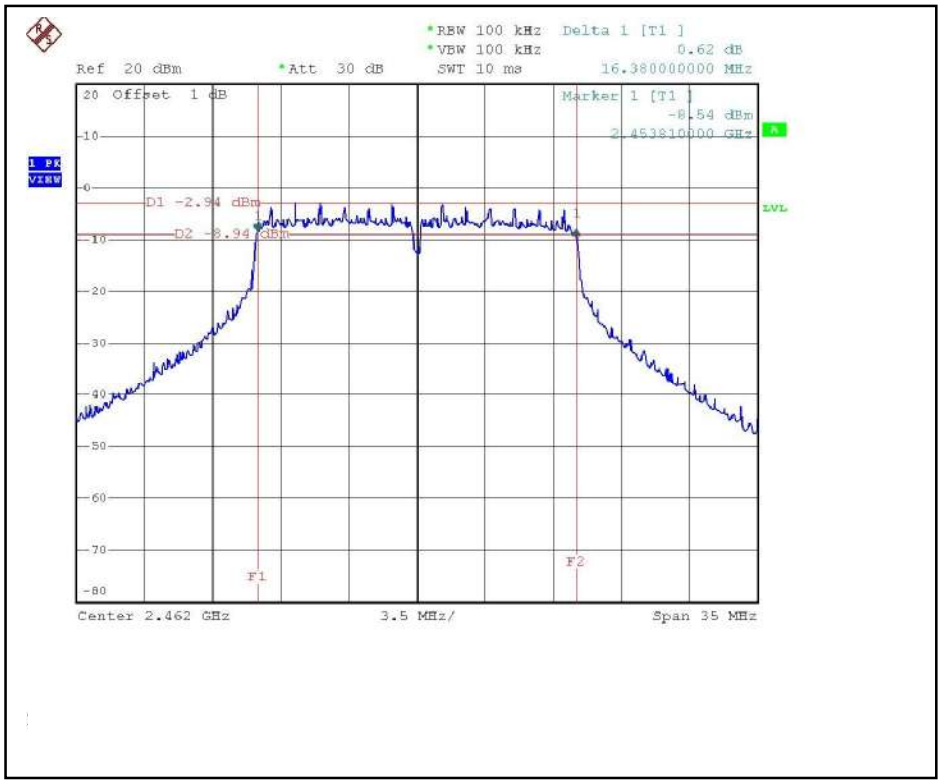
CH1



CH6


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
-0.94 dB
16.380000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
-7.11 dBm
2.428890000 GHz
D1 -2.42 dBm
D2 -8.42 dBm
F1
F2
Center 2.437 GHz
3.5 MHz/
Span 35 MHz

CH11


*RBW 100 kHz
*VBW 100 kHz
SWT 10 ms
Delta 1 [T1]
0.62 dB
16.380000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1 dB
Marker 1 [T1]
-8.54 dBm
2.453810000 GHz
D1 -2.94 dBm
D2 -8.94 dBm
F1
F2
Center 2.462 GHz
3.5 MHz/
Span 35 MHz

4.4 MAXIMUM PEAK OUTPUT POWER

4.4.1 LIMITS OF MAXIMUM PEAK OUTPUT POWER MEASUREMENT

The Maximum Peak Output Power Measurement is 30dBm.

4.4.2 TEST INSTRUMENTS

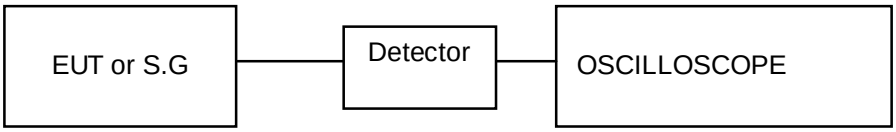
Description & Manufacturer	Model No.	Serial No.	Calibrated Until
R&S SPECTRUM ANALYZER	FSP40	100036	Dec. 21, 2007
Agilent SIGNAL GENERATOR	E8257C	MY43321031	July 26, 2007
TEKTRONIX OSCILLOSCOPE	TDS380	B016335	Jun. 21, 2007
NARDA DETECTOR	4503A	FSCM99899	NA

NOTE:
The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.4.3 TEST PROCEDURES

1. A detector was used on the output port of the EUT. An oscilloscope was used to read the peak response of the detector.
2. Replaced the EUT by the signal generator. The center frequency of the S.G was adjusted to the center frequency of the measured channel.
3. Adjusted the power to have the same peak reading on oscilloscope. Record the power level.

4.4.4 TEST SETUP



4.4.5 EUT OPERATING CONDITIONS

Same as Item 4.3.5

4.4.6 TEST RESULTS (ANTENNA 1)

802.11b DSSS modulation

MODULATION TYPE	CCK	**TRANSFER RATE**	1Mbps
INPUT POWER (SYSTEM)	120Vac, 60Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	40.738	16.10	30	PASS
6	2437	138.676	21.42	30	PASS
11	2462	31.117	14.93	30	PASS

802.11g OFDM modulation

MODULATION TYPE	BPSK	**TRANSFER RATE**	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	54.954	17.40	30	PASS
6	2437	231.739	23.65	30	PASS
11	2462	49.317	16.93	30	PASS

4.4.7 TEST RESULTS (ANTENNA 2)

802.11b DSSS modulation

MODULATION TYPE	CCK	**TRANSFER RATE**	1Mbps
INPUT POWER (SYSTEM)	120Vac, 60Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	28.510	14.55	30	PASS
6	2437	138.038	21.40	30	PASS
11	2462	26.303	14.20	30	PASS

802.11g OFDM modulation

MODULATION TYPE	BPSK	**TRANSFER RATE**	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	38.905	15.90	30	PASS
6	2437	117.490	20.70	30	PASS
11	2462	38.019	15.80	30	PASS

4.4.8 TEST RESULTS (ANTENNA 3)

802.11b DSSS modulation

MODULATION TYPE	CCK	**TRANSFER RATE**	1Mbps
INPUT POWER (SYSTEM)	120Vac, 60Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	30.200	14.80	30	PASS
6	2437	120.226	20.80	30	PASS
11	2462	31.769	15.02	30	PASS

802.11g OFDM modulation

MODULATION TYPE	BPSK	**TRANSFER RATE**	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	43.652	16.40	30	PASS
6	2437	223.872	23.50	30	PASS
11	2462	43.652	16.40	30	PASS

4.4.9 TEST RESULTS (ANTENNA 4)

802.11b DSSS modulation

MODULATION TYPE	CCK	**TRANSFER RATE**	1Mbps
INPUT POWER (SYSTEM)	120Vac, 60Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	24.547	13.90	29.3	PASS
6	2437	109.648	20.40	29.3	PASS
11	2462	21.878	13.40	29.3	PASS

802.11g OFDM modulation

MODULATION TYPE	BPSK	**TRANSFER RATE**	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	38.019	15.80	29.3	PASS
6	2437	204.174	23.10	29.3	PASS
11	2462	35.481	15.50	29.3	PASS

4.4.10 TEST RESULTS (ANTENNA 5)

802.11b DSSS modulation

MODULATION TYPE	CCK	**TRANSFER RATE**	1Mbps
INPUT POWER (SYSTEM)	120Vac, 60Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	24.547	13.90	28.6	PASS
6	2437	117.490	20.70	28.6	PASS
11	2462	21.878	13.40	28.6	PASS

802.11g OFDM modulation

MODULATION TYPE	BPSK	**TRANSFER RATE**	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	38.905	15.90	28.6	PASS
6	2437	181.970	22.60	28.6	PASS
11	2462	28.840	14.60	28.6	PASS

4.4.11 TEST RESULTS (ANTENNA 6)

802.11b DSSS modulation

MODULATION TYPE	CCK	**TRANSFER RATE**	1Mbps
INPUT POWER (SYSTEM)	120Vac, 60Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	21.878	13.40	29.5	PASS
6	2437	57.544	17.60	29.5	PASS
11	2462	20.893	13.20	29.5	PASS

802.11g OFDM modulation

MODULATION TYPE	BPSK	**TRANSFER RATE**	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	35.481	15.50	29.5	PASS
6	2437	87.096	19.40	29.5	PASS
11	2462	28.840	14.60	29.5	PASS

4.4.12 TEST RESULTS (ANTENNA 7)

802.11b DSSS modulation

MODULATION TYPE	CCK	**TRANSFER RATE**	1Mbps
INPUT POWER (SYSTEM)	120Vac, 60Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	14.125	11.50	25.3	PASS
6	2437	28.184	14.50	25.3	PASS
11	2462	18.197	12.60	25.3	PASS

802.11g OFDM modulation

MODULATION TYPE	BPSK	**TRANSFER RATE**	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	10.715	10.30	25.3	PASS
6	2437	10.471	10.20	25.3	PASS
11	2462	10.593	10.25	25.3	PASS

4.4.13 TEST RESULTS (ANTENNA 8)

802.11b DSSS modulation

MODULATION TYPE	CCK	**TRANSFER RATE**	1Mbps
INPUT POWER (SYSTEM)	120Vac, 60Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	33.729	15.28	30	PASS
6	2437	138.676	21.42	30	PASS
11	2462	42.658	16.30	30	PASS

802.11g OFDM modulation

MODULATION TYPE	BPSK	**TRANSFER RATE**	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	47.863	16.80	30	PASS
6	2437	204.174	23.10	30	PASS
11	2462	66.069	18.20	30	PASS

4.4.14 TEST RESULTS (ANTENNA 9)

802.11b DSSS modulation

MODULATION TYPE	CCK	**TRANSFER RATE**	1Mbps
INPUT POWER (SYSTEM)	120Vac, 60Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	15.488	11.90	29.1	PASS
6	2437	46.774	16.70	29.1	PASS
11	2462	31.842	15.03	29.1	PASS

802.11g OFDM modulation

MODULATION TYPE	BPSK	**TRANSFER RATE**	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL	CHANNEL FREQUENCY (MHz)	PEAK POWER OUTPUT (mW)	PEAK POWER OUTPUT (dBm)	PEAK POWER LIMIT (dBm)	PASS/FAIL
1	2412	23.442	13.70	29.1	PASS
6	2437	22.909	13.60	29.1	PASS
11	2462	21.380	13.30	29.1	PASS

4.5 POWER SPECTRAL DENSITY MEASUREMENT

4.5.1 LIMITS OF POWER SPECTRAL DENSITY MEASUREMENT

The Maximum of Power Spectral Density Measurement is 8dBm.

4.5.2 TEST INSTRUMENTS

Description & Manufacturer	Model No.	Serial No.	Calibrated Until
R&S SPECTRUM ANALYZER	FSP40	100036	Dec. 21, 2007

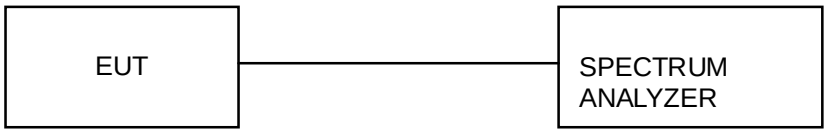
NOTE:

1. The measurement uncertainty is less than +/- 2.6dB, which is calculated as per the NAMAS document NIS81.
2. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.5.3 TEST PROCEDURE

The transmitter output was connected to the spectrum analyzer through an attenuator, the bandwidth of the fundamental frequency was measured with the spectrum analyzer using 3 kHz RBW and 30 kHz VBW, set sweep time=span/3kHz. The power spectral density was measured and recorded.
The sweep time is allowed to be longer than span/3KHz for a full response of the mixer in the spectrum analyzer.

4.5.4 TEST SETUP



4.5.5 EUT OPERATING CONDITIONS

Same as 4.3.5

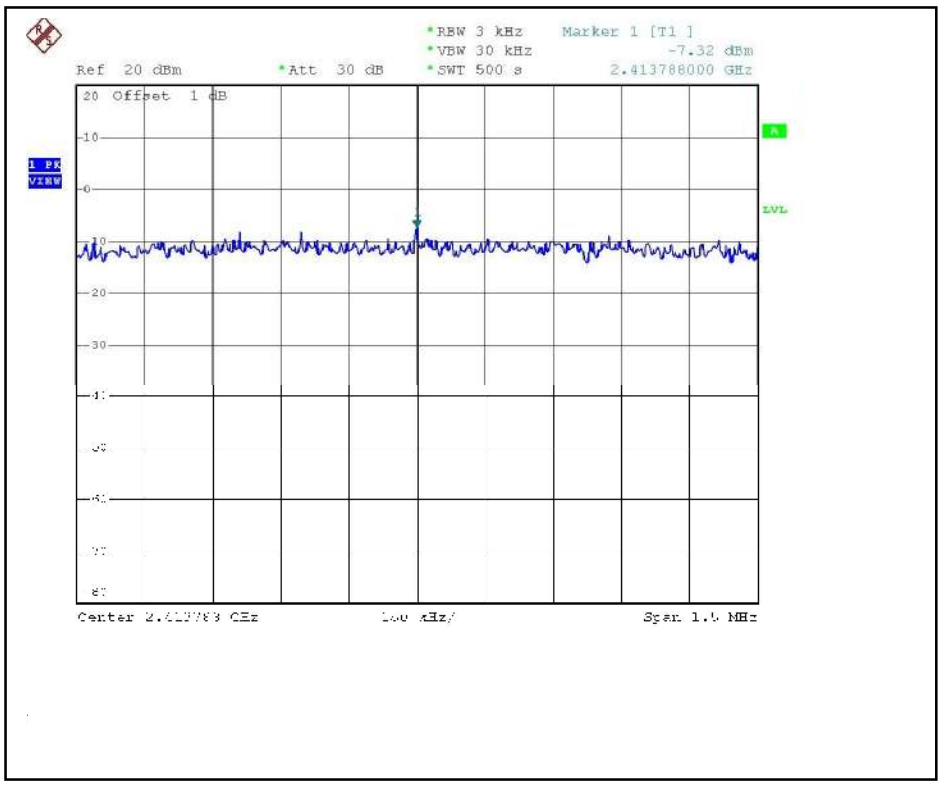
4.5.6 TEST RESULTS (ANTENNA 1)

802.11b DSSS modulation

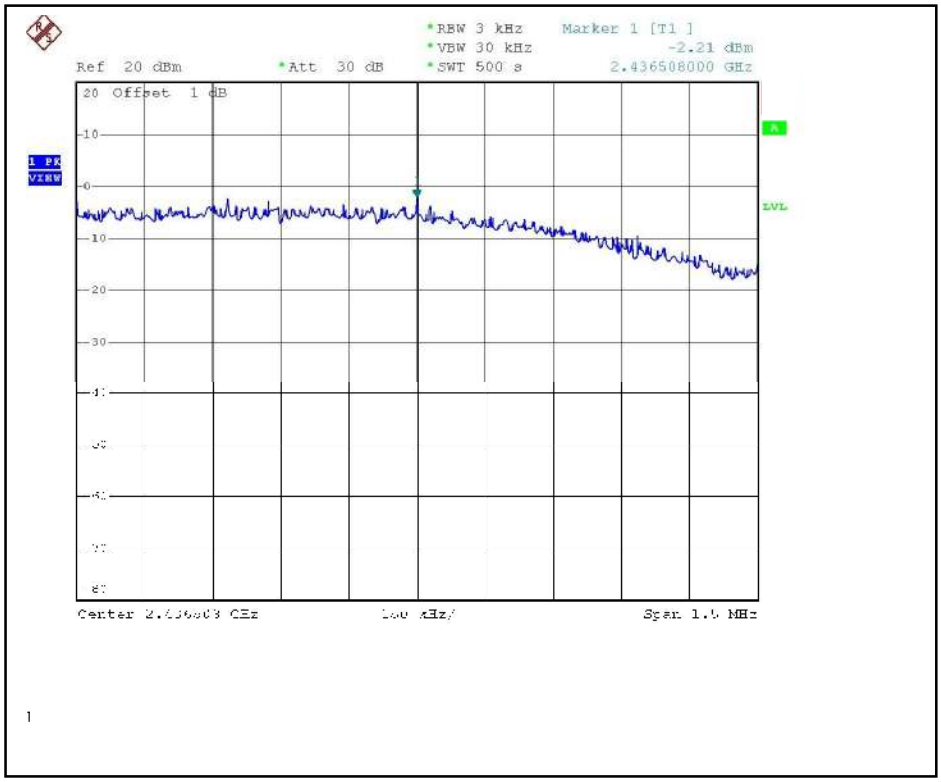
MODULATION TYPE	CCK	**TRANSFER RATE**	1Mbps
INPUT POWER (SYSTEM)	120Vac, 60Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL NUMBER	CHANNEL FREQUENCY (MHz)	RF POWER LEVEL IN 3 KHz BW (dBm)	MAXIMUM LIMIT (dBm)	PASS/FAIL
1	2412	-7.32	8	PASS
6	2437	-2.21	8	PASS
11	2462	-8.99	8	PASS

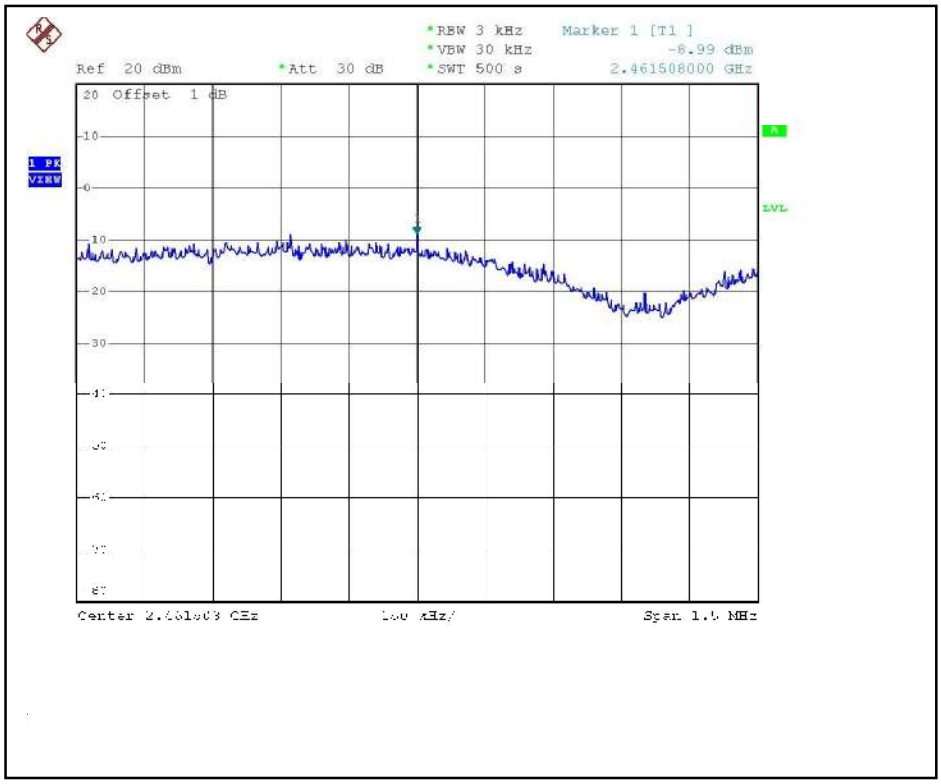
CH1



CH6


RBW 3 kHz
VBW 30 kHz
SWT 500 s
Marker 1 [T1]
-2.21 dBm
2.436508000 GHz
Ref 20 dBm
Att 30 dB
Offset 1 dB
1 PK
VIEW
LVL

CH11

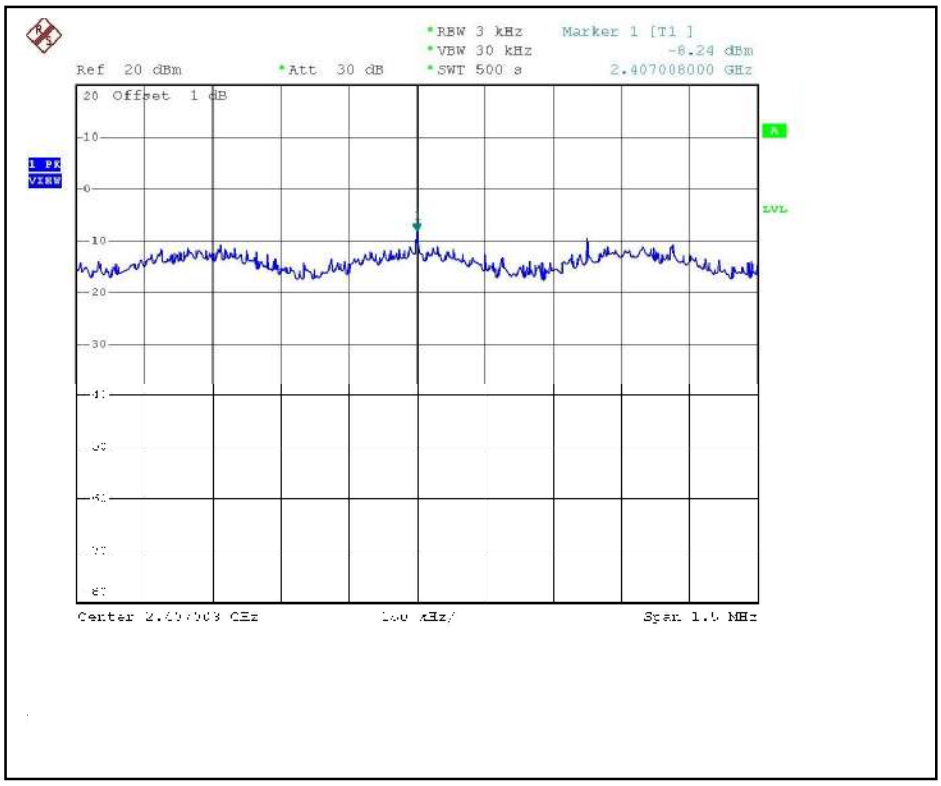

RBW 3 kHz
VBW 30 kHz
SWT 500 s
Marker 1 [T1]
-8.99 dBm
2.461508000 GHz
Ref 20 dBm
Att 30 dB
Offset 1 dB
1 PK
VIEW
LVL

802.11g OFDM modulation

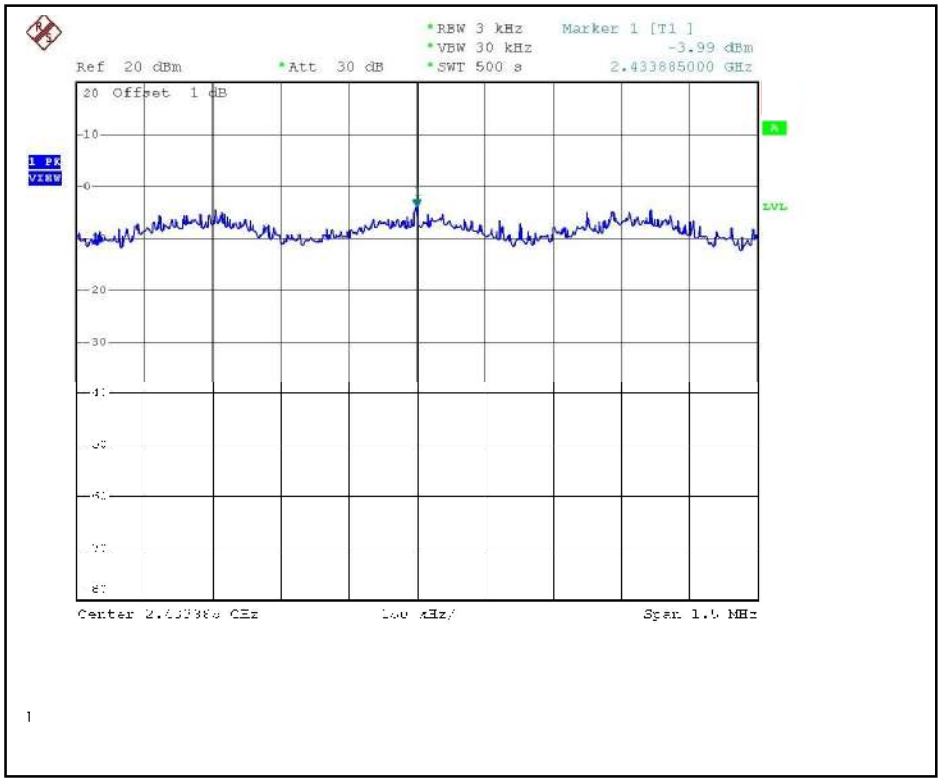
MODULATION TYPE	BPSK	**TRANSFER RATE**	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL NUMBER	CHANNEL FREQUENCY (MHz)	RF POWER LEVEL IN 3 KHz BW (dBm)	MAXIMUM LIMIT (dBm)	PASS/FAIL
1	2412	-8.24	8	PASS
6	2437	-3.99	8	PASS
11	2462	-10.96	8	PASS

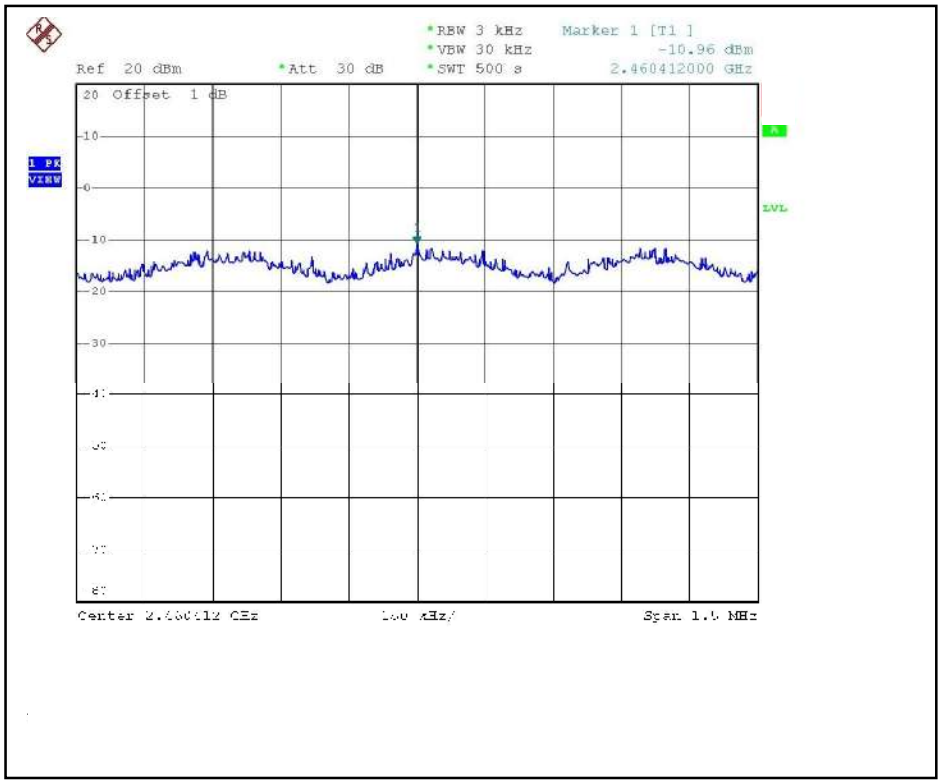
CH1



CH6


*RBW 3 kHz
Marker 1 [T1]
*VBW 30 kHz
-3.99 dBm
Ref 20 dBm
*Att 30 dB
*SWT 500 s
2.433885000 GHz
20 Offset 1 dB
1 PK
VIEW
LVL
Center 2.433885 GHz
Span 1.5 MHz

CH11


*RBW 3 kHz
Marker 1 [T1]
*VBW 30 kHz
-10.96 dBm
Ref 20 dBm
*Att 30 dB
*SWT 500 s
2.460412000 GHz
20 Offset 1 dB
1 PK
VIEW
LVL
Center 2.460412 GHz
Span 1.5 MHz

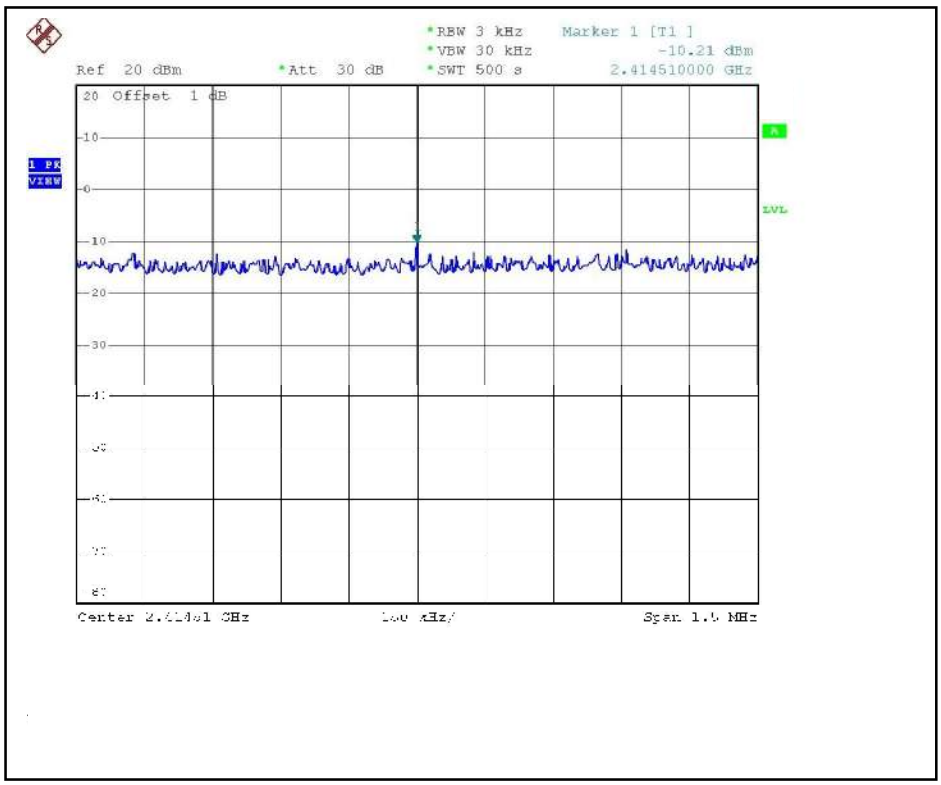
4.5.7 TEST RESULTS (ANTENNA 2)

802.11b DSSS modulation

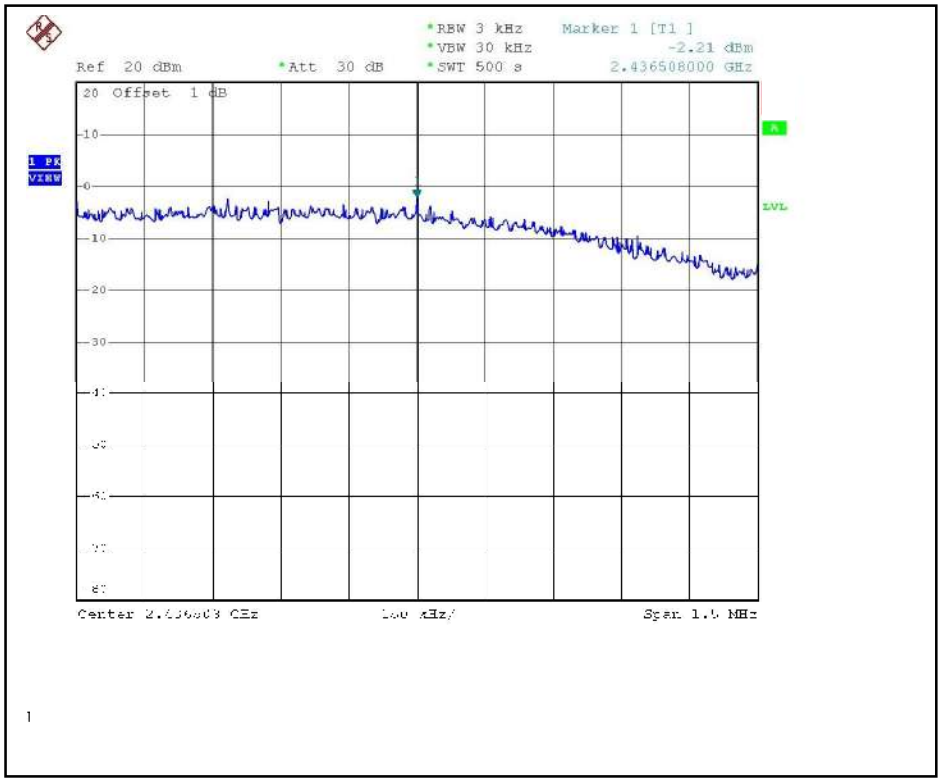
MODULATION TYPE	CCK	**TRANSFER RATE**	1Mbps
INPUT POWER (SYSTEM)	120Vac, 60Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL NUMBER	CHANNEL FREQUENCY (MHz)	RF POWER LEVEL IN 3 KHz BW (dBm)	MAXIMUM LIMIT (dBm)	PASS/FAIL
1	2412	-10.21	8	PASS
6	2437	-2.21	8	PASS
11	2462	-9.91	8	PASS

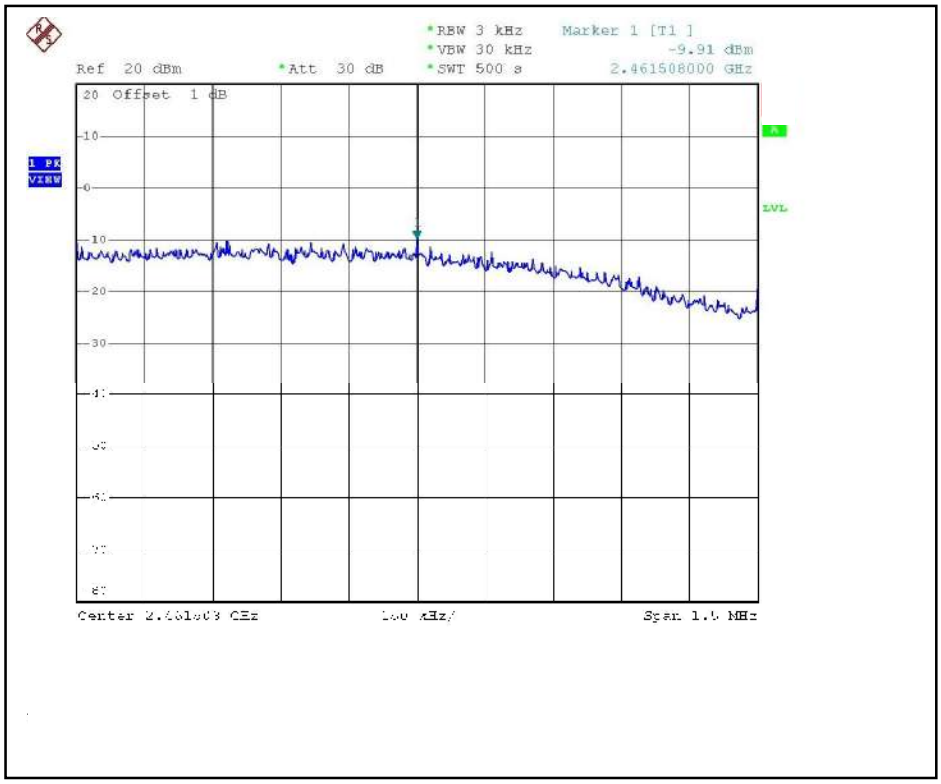
CH1



CH6


*RBW 3 kHz
Marker 1 [T1]
*VBW 30 kHz
-2.21 dBm
Ref 20 dBm
*Att 30 dB
*SWT 500 s
2.436508000 GHz
20 Offset 1 dB
1 PK
VIEW
LVL
Center 2.436508 GHz
Span 1.5 MHz

CH11

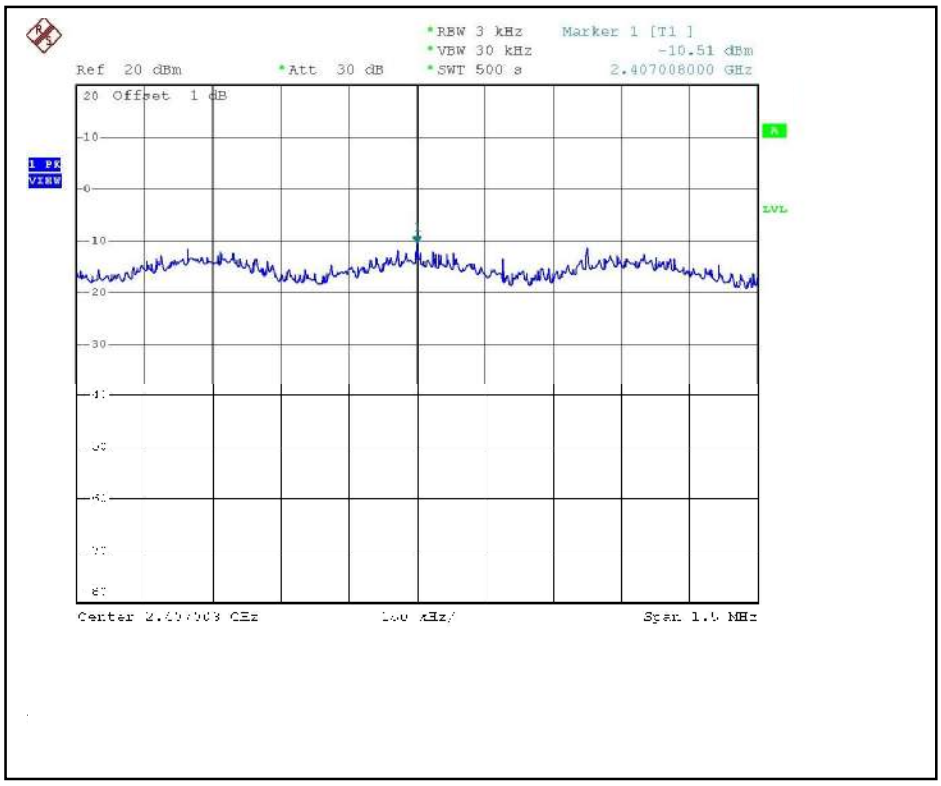

*RBW 3 kHz
Marker 1 [T1]
*VBW 30 kHz
-9.91 dBm
Ref 20 dBm
*Att 30 dB
*SWT 500 s
2.461508000 GHz
20 Offset 1 dB
1 PK
VIEW
LVL
Span 1.5 MHz

802.11g OFDM modulation

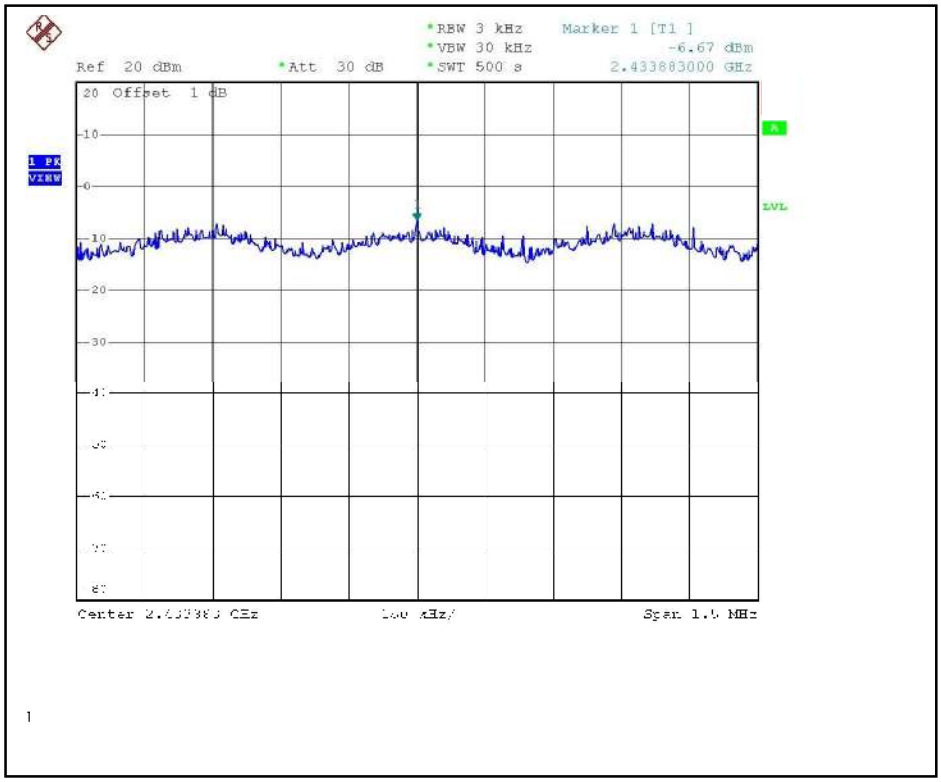
MODULATION TYPE	BPSK	**TRANSFER RATE**	6Mbps
INPUT POWER (SYSTEM)	120Vac, 60Hz	**ENVIRONMENTAL CONDITIONS**	20deg. C, 56%RH, 970hPa
TESTED BY	Wen Yu		

CHANNEL NUMBER	CHANNEL FREQUENCY (MHz)	RF POWER LEVEL IN 3 KHz BW (dBm)	MAXIMUM LIMIT (dBm)	PASS/FAIL
1	2412	-10.51	8	PASS
6	2437	-6.67	8	PASS
11	2462	-12.13	8	PASS

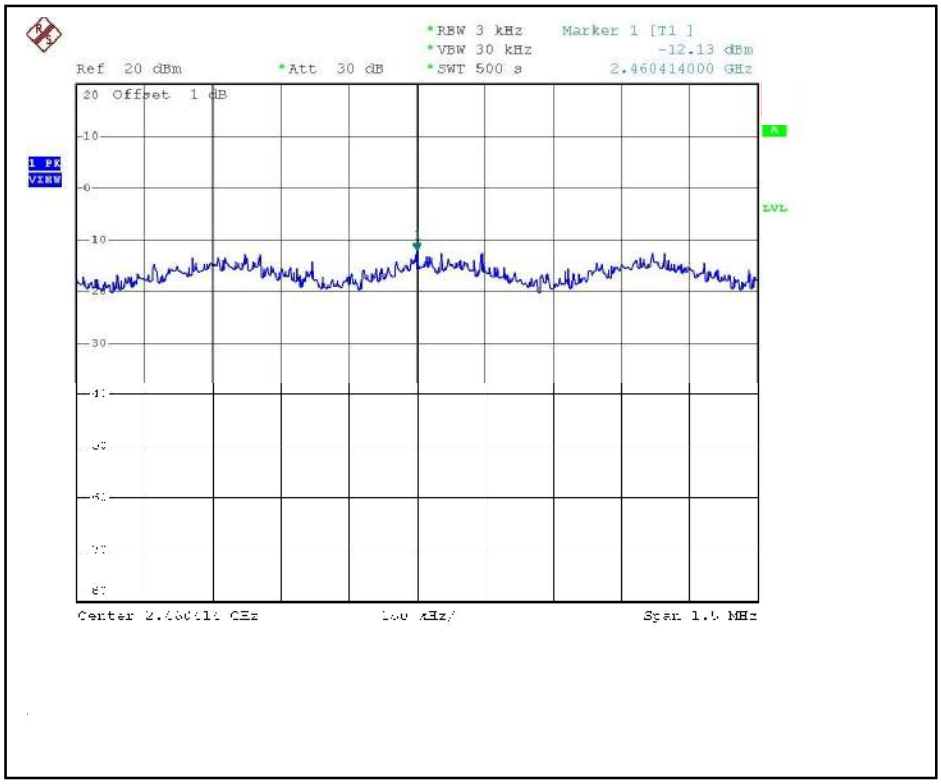
CH1



CH6


*RBW 3 kHz
Marker 1 [T1]
*VBW 30 kHz
-6.67 dBm
Ref 20 dBm
*Att 30 dB
*SWT 500 s
2.433883000 GHz
20 Offset 1 dB
1 PK
VIEW
LVL
Span 1.5 MHz

CH11


*RBW 3 kHz
Marker 1 [T1]
*VBW 30 kHz
-12.13 dBm
Ref 20 dBm
*Att 30 dB
*SWT 500 s
2.460414000 GHz
20 Offset 1 dB
1 PK
VIEW
LVL
Span 1.5 MHz