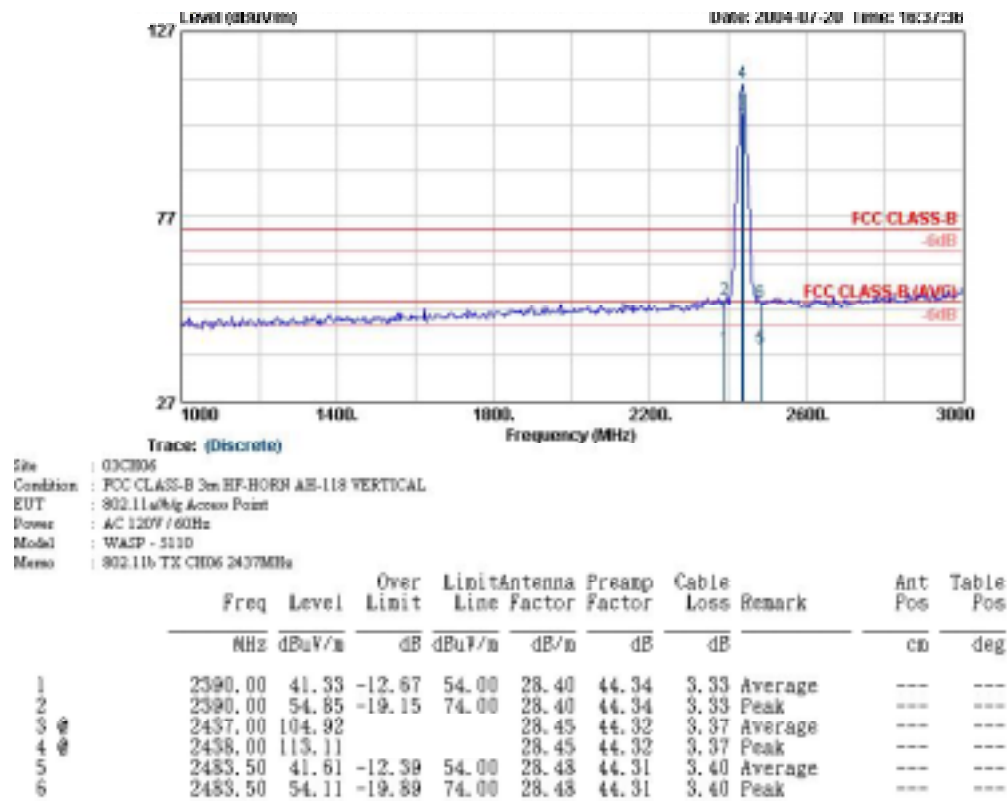
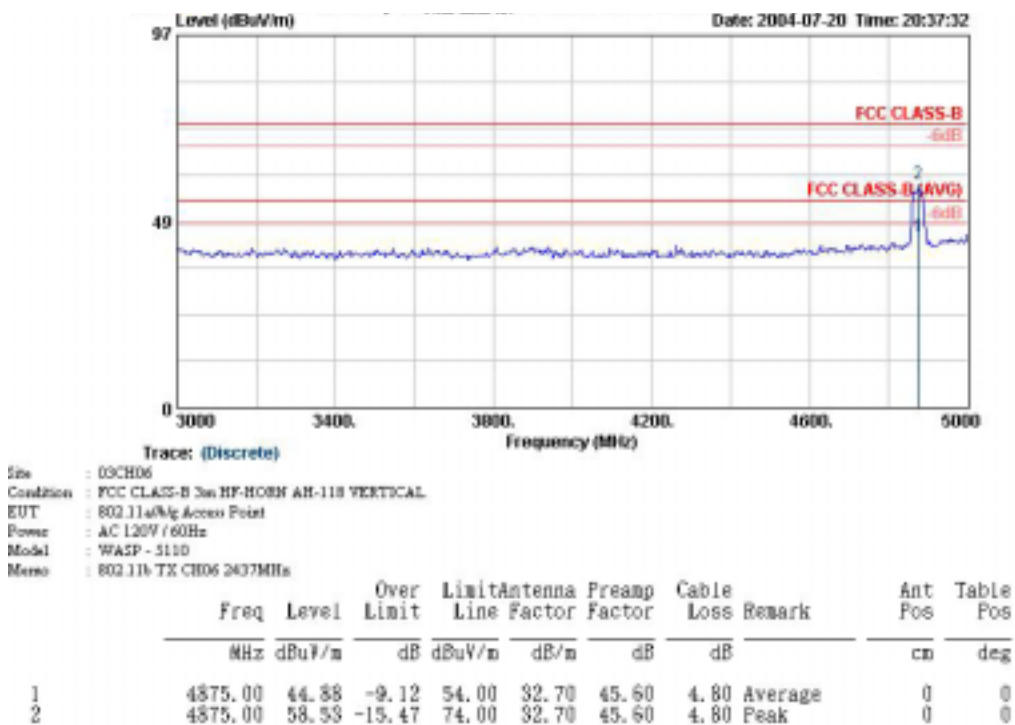


FCC TEST REPORT

Report No. :FR531710-01



Remark: The "X" represent a fundamental frequency.



SPORTON International Inc.

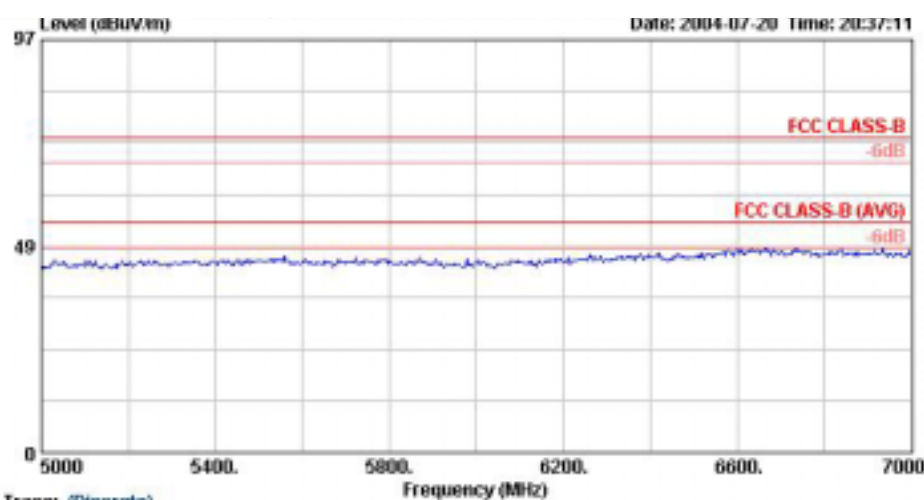
TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

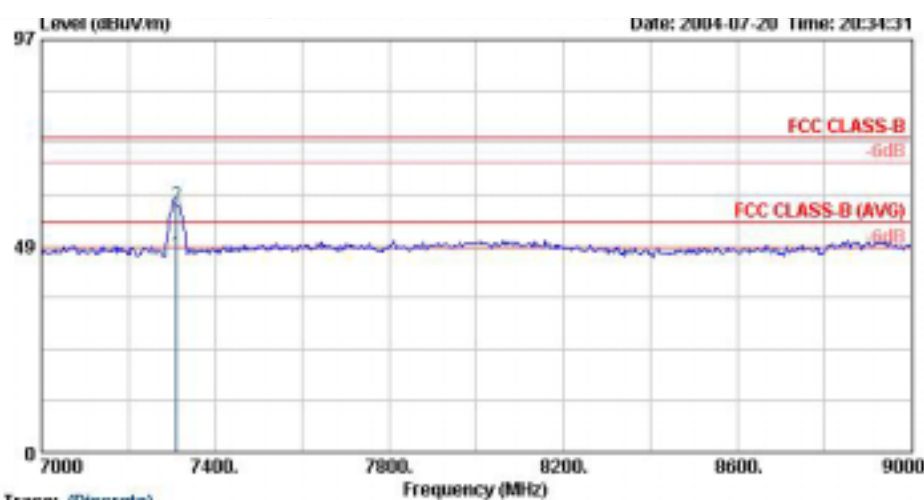
FCC ID : H9PWSAP5100BG

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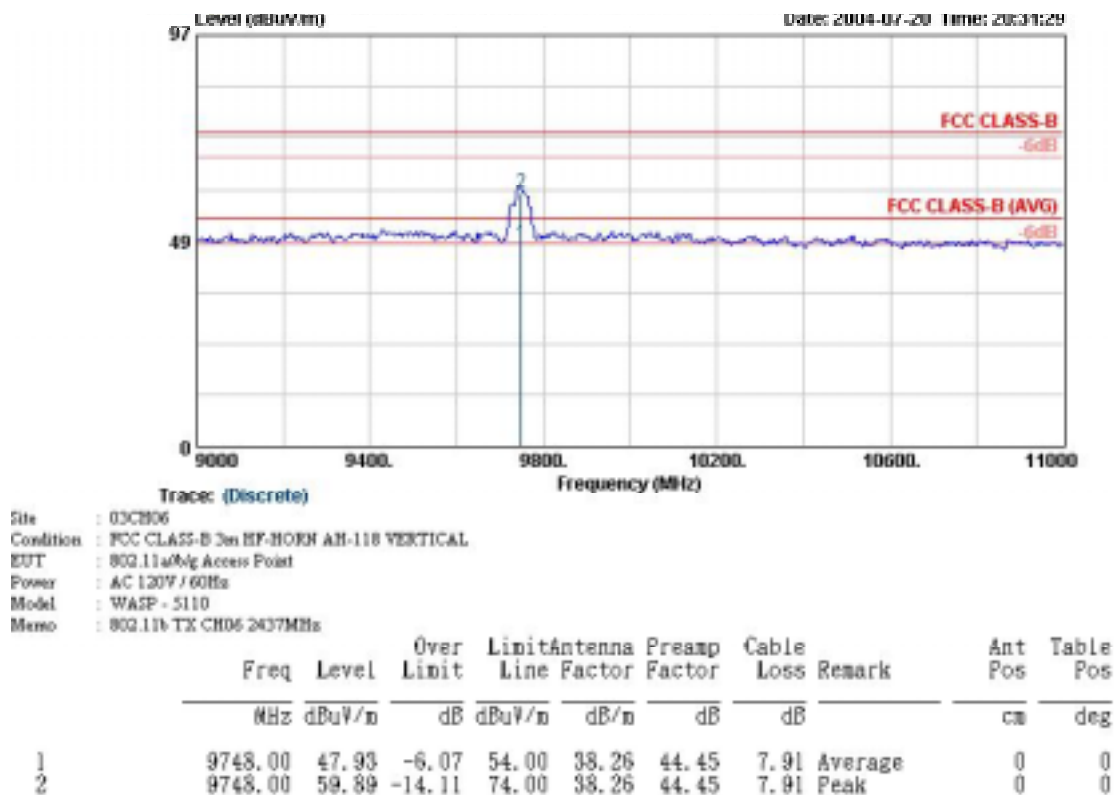


Site : 09CH06
 Condition : FCC CLASS-B 3m HF-HORN AH-118 VERTICAL
 EUT : 802.11a/b/g Access Point
 Power : AC 120V / 60Hz
 Model : WASP - 5110
 Memo : 802.11b TX CH06 2437MHz



Site : 09CH06
 Condition : FCC CLASS-B 3m HF-HORN AH-118 VERTICAL
 EUT : 802.11a/b/g Access Point
 Power : AC 120V / 60Hz
 Model : WASP - 5110
 Memo : 802.11b TX CH06 2437MHz

	Freq	Level	Over	Limit	Antenna	Preamp	Cable	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	Factor	Factor	Loss		Pos	Pos
							dB		cm	deg
1	7312.00	46.57	-7.43	54.00	35.51	46.24	6.20	Average	0	0
2	7312.00	58.17	-15.83	74.00	35.51	46.24	6.20	Peak	0	0



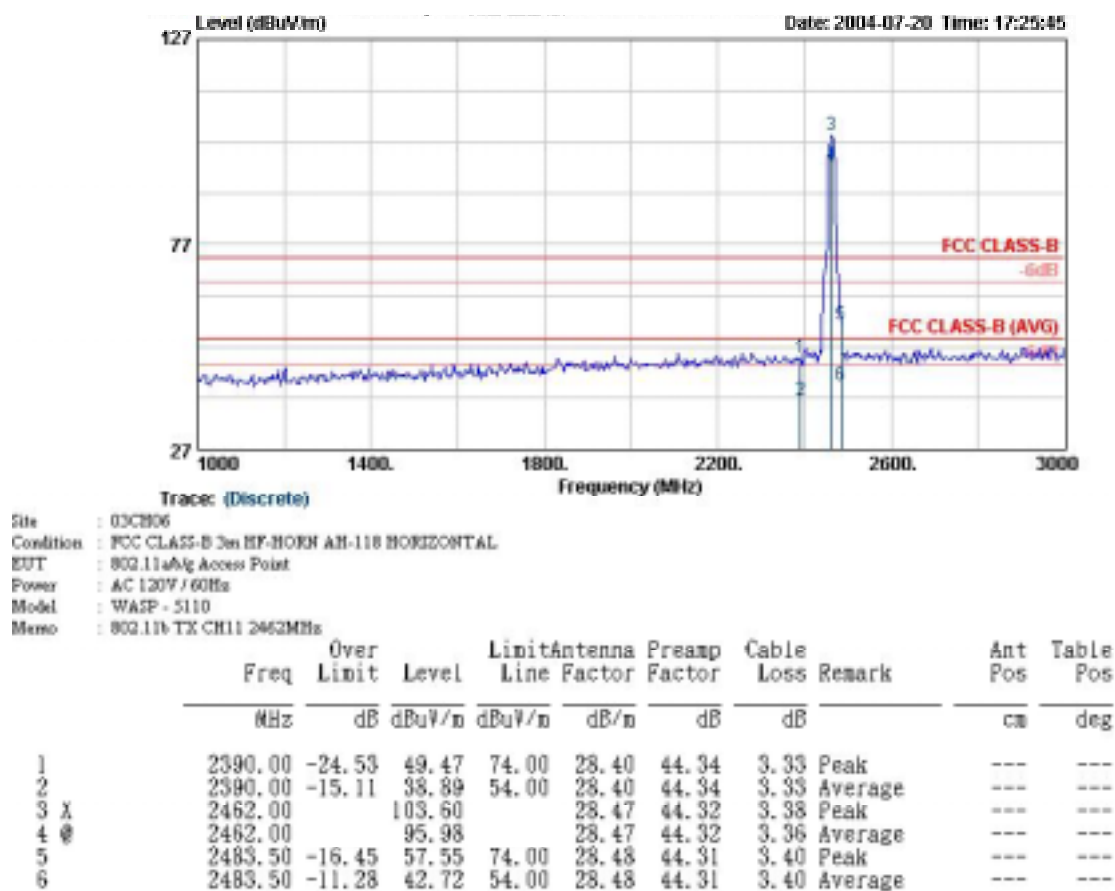
Remark:

Frequency from 11GHz to 25GHz, the emission emitted by the EUT is too low to be measured.

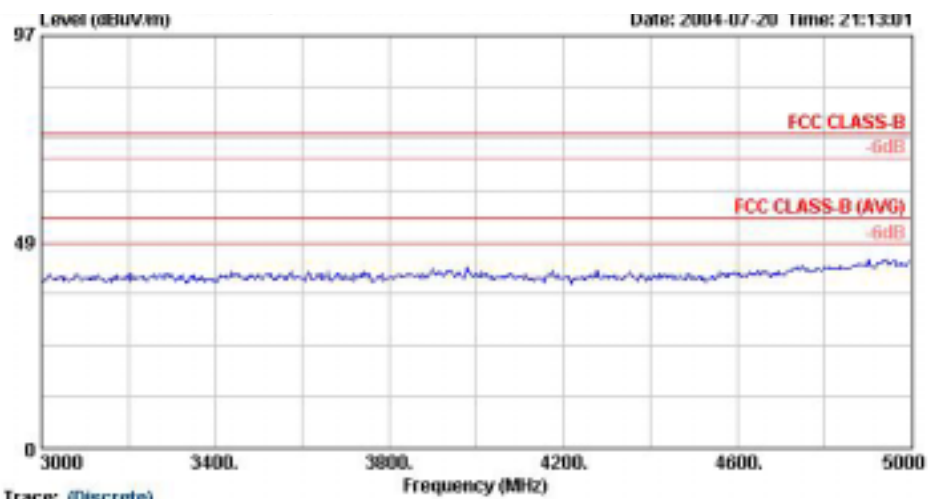
Test Mode: 802.11b TX CH11

- Test Distance : 3 m
- Temperature : 25.3 °C
- Relative Humidity :53.5 %
- Emission level (dBuV/m) = 20 log Emission level (uV/m)
- Corrected Reading : Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

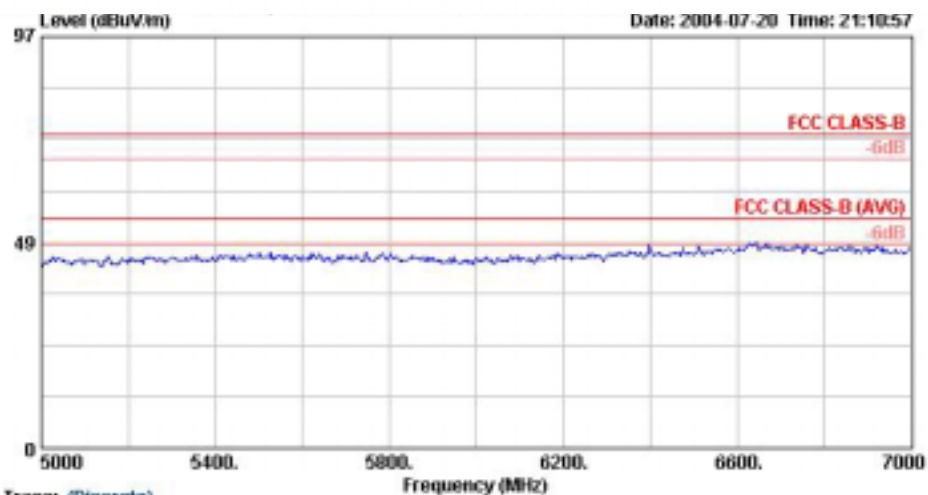
The test that passed at minimum margin was marked by the frame in the following table.



Remark: The "X" represent a fundamental frequency.



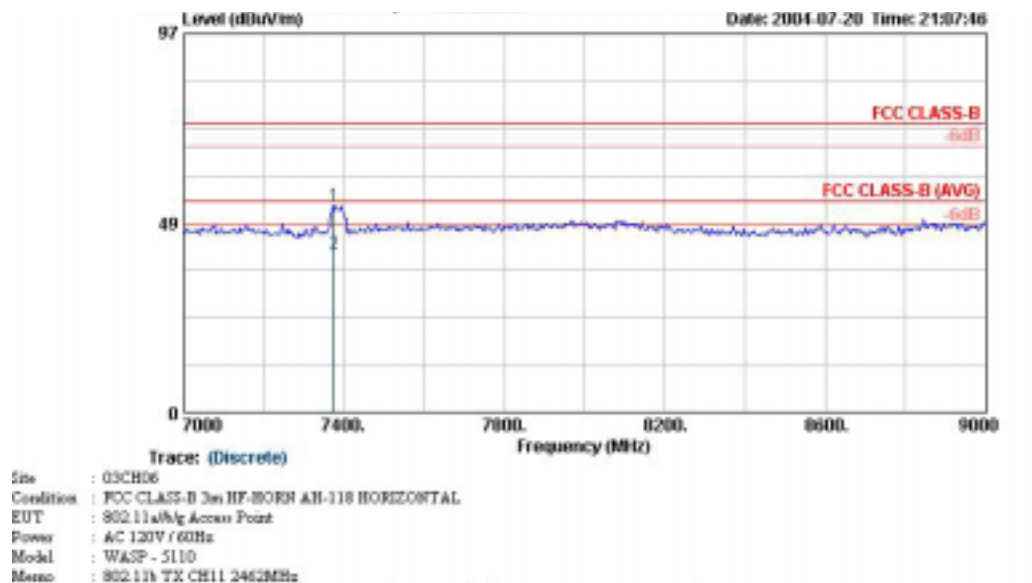
Site : 03CH06
Condition : FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL
EUT : 802.11a/b/g Access Point
Power : AC 120V / 60Hz
Model : WASP - 5110
Memo : 802.11b TX CH11 2462MHz



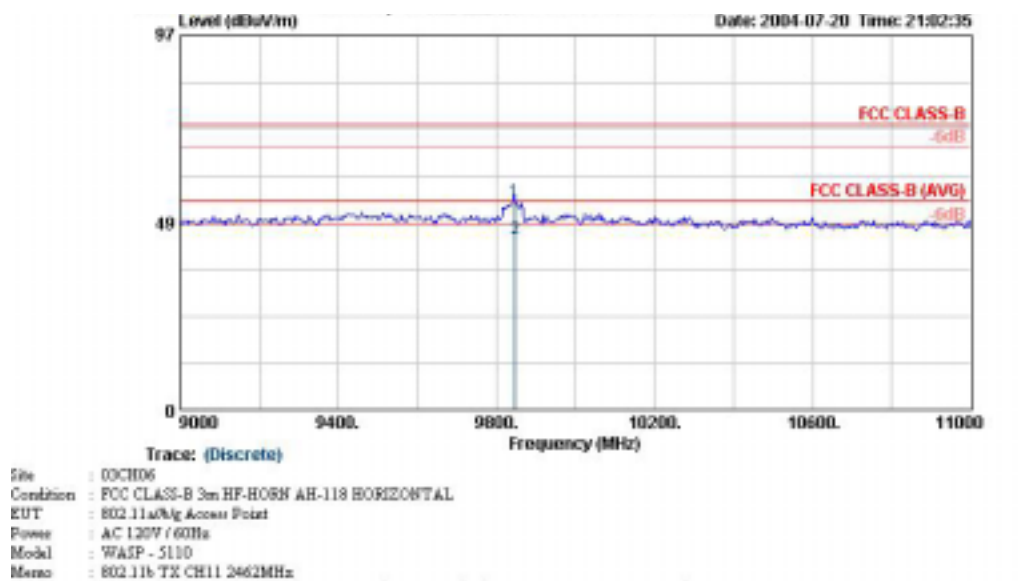
Site : 03CH06
Condition : FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL
EUT : 802.11a/b/g Access Point
Power : AC 120V / 60Hz
Model : WASP - 5110
Memo : 802.11b TX CH11 2462MHz

FCC TEST REPORT

Report No. :FR531710-01



	Freq	Level	Over	Limit	Antenna	Preamp	Cable	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	Factor	Factor	Loss		Pos	Pos
					dB/m	dB	dB		cm	deg
1	7374.00	53.02	-20.88	74.00	35.69	46.22	6.19	Peak	---	---
2	7374.00	40.69	-13.31	54.00	35.69	46.22	6.19	Average	---	---



	Freq	Level	Over	Limit	Antenna	Preamp	Cable	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	Factor	Factor	Loss		Pos	Pos
					dB/m	dB	dB		cm	deg
1	9846.00	53.98	-20.02	74.00	38.34	44.43	7.91	Peak	---	---
2	9846.00	44.45	-9.55	54.00	38.34	44.43	7.91	Average	---	---

SPORTON International Inc.

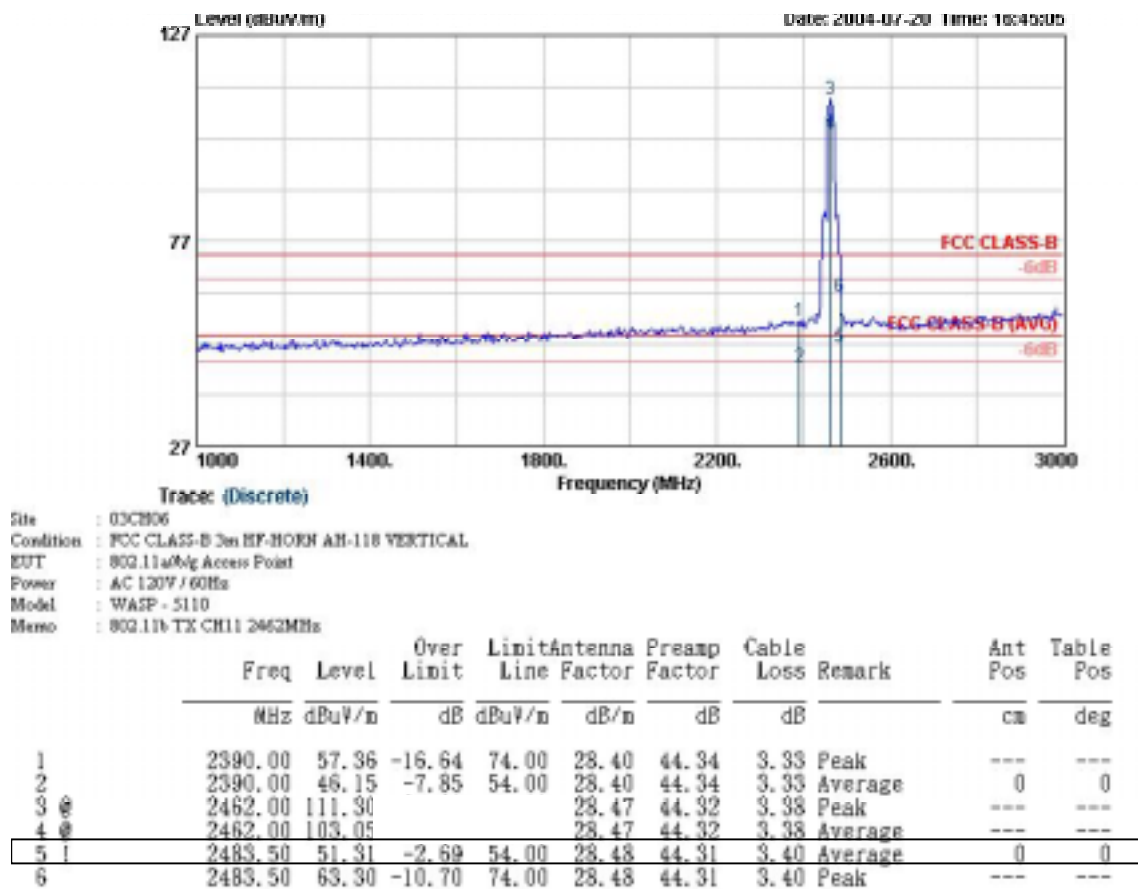
TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

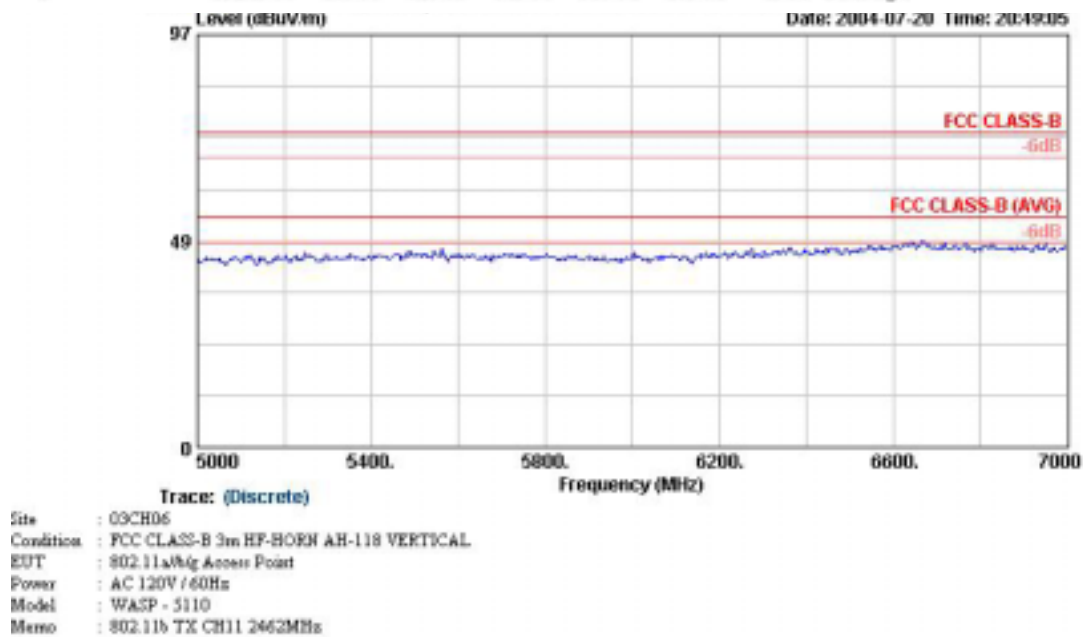
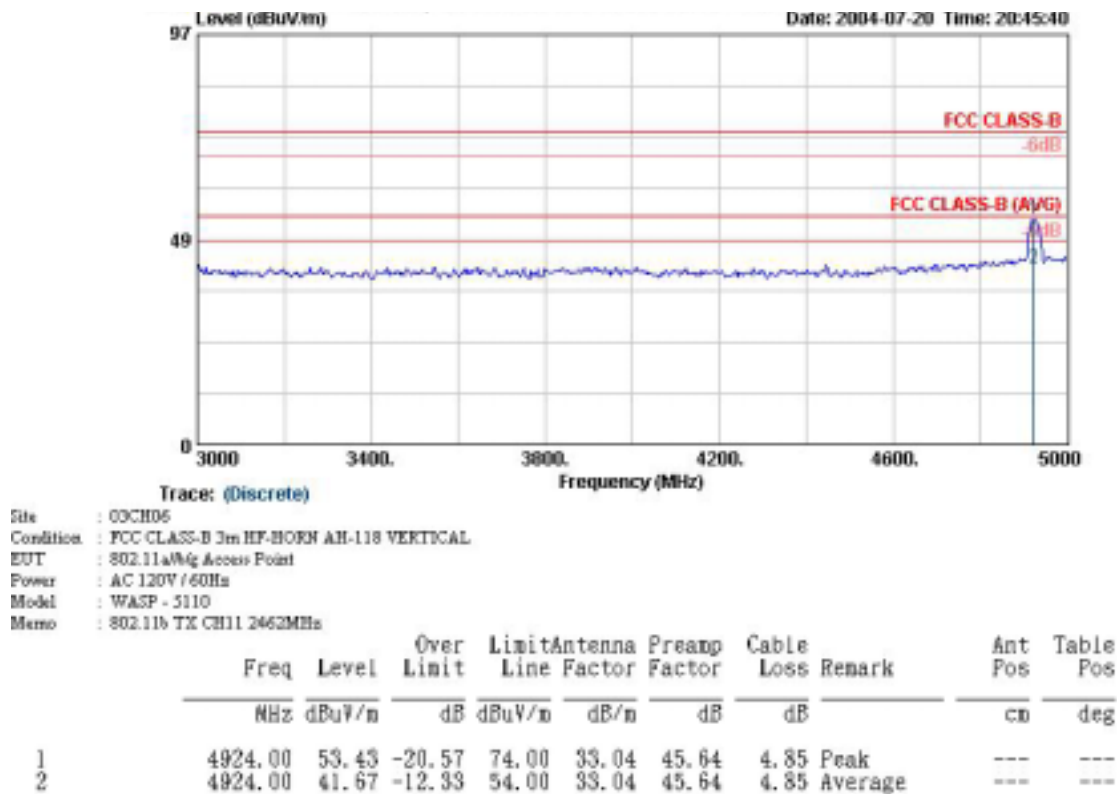
FCC ID : H9PWSAP5100BG

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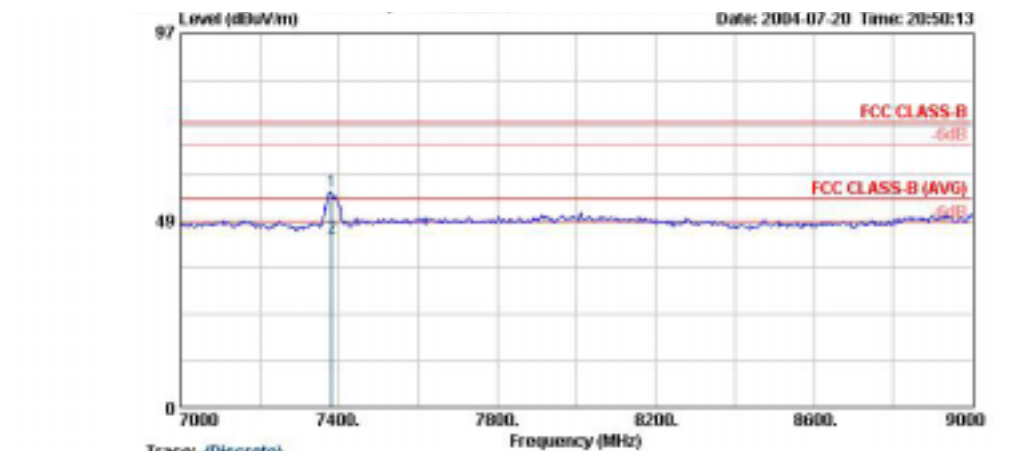


Remark: The "X" represent a fundamental frequency.



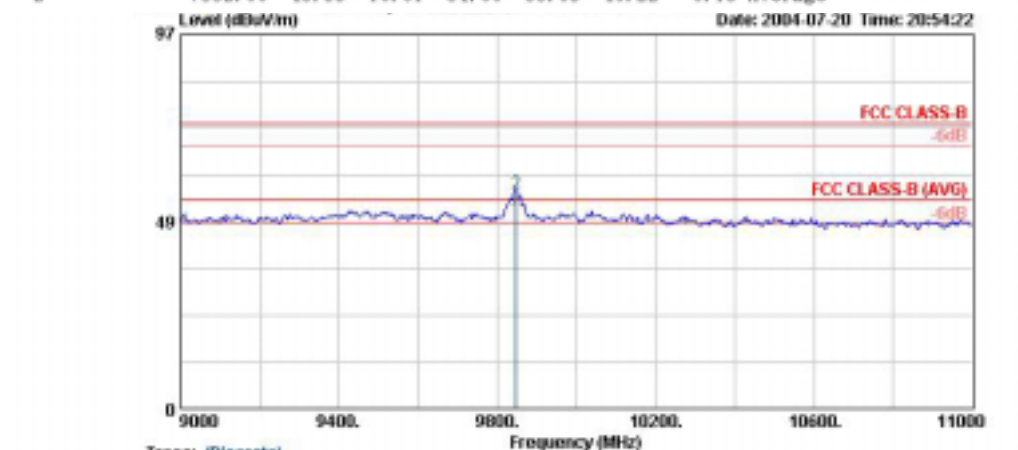
FCC TEST REPORT

Report No. :FR531710-01



Site : 00CH06
 Condition : FCC CLASS-B 3m HF-HORN AH-118 VERTICAL
 EUT : 802.11a/b/g Access Point
 Power : AC 120V / 60Hz
 Model : WASP - 5110
 Memo : 802.11b TX CH11 2462MHz

	Freq	Level	Over	Limit	Antenna	Preamp	Cable	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	Factor	Factor	Loss		Pos	Pos
					dB/m		dB		cm	deg
1	7382.00	56.05	-17.95	74.00	35.69	46.22	6.18	Peak	---	---
2	7382.00	43.99	-10.01	54.00	35.69	46.22	6.18	Average	---	---



Site : 00CH06
 Condition : FCC CLASS-B 3m HF-HORN AH-118 VERTICAL
 EUT : 802.11a/b/g Access Point
 Power : AC 120V / 60Hz
 Model : WASP - 5110
 Memo : 802.11b TX CH11 2462MHz

	Freq	Level	Over	Limit	Antenna	Preamp	Cable	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	Factor	Factor	Loss		Pos	Pos
					dB/m		dB		cm	deg
1	9848.00	49.32	-4.68	54.00	38.34	44.43	7.91	Average	0	0
2	9848.00	55.77	-18.23	74.00	38.34	44.43	7.91	Peak	0	0

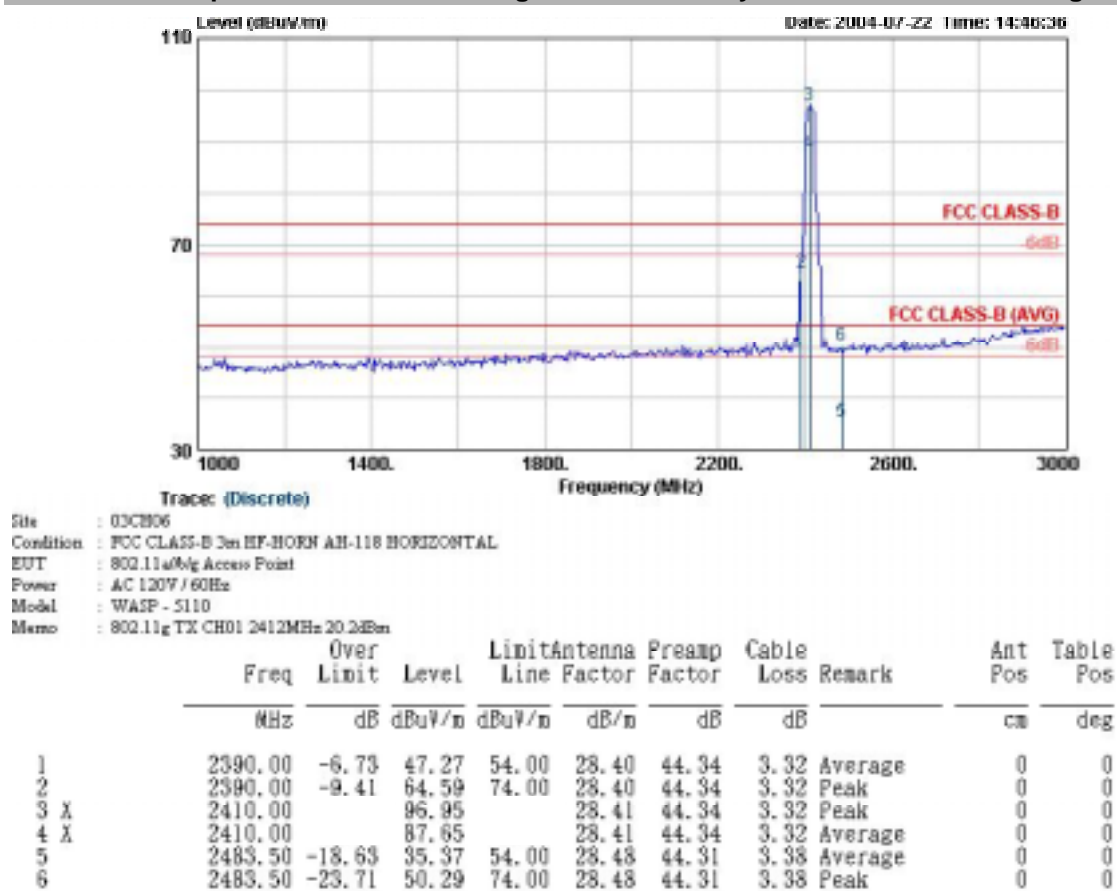
Remark:

Frequency from 11GHz to 25GHz, the emission emitted by the EUT is too low to be measured.

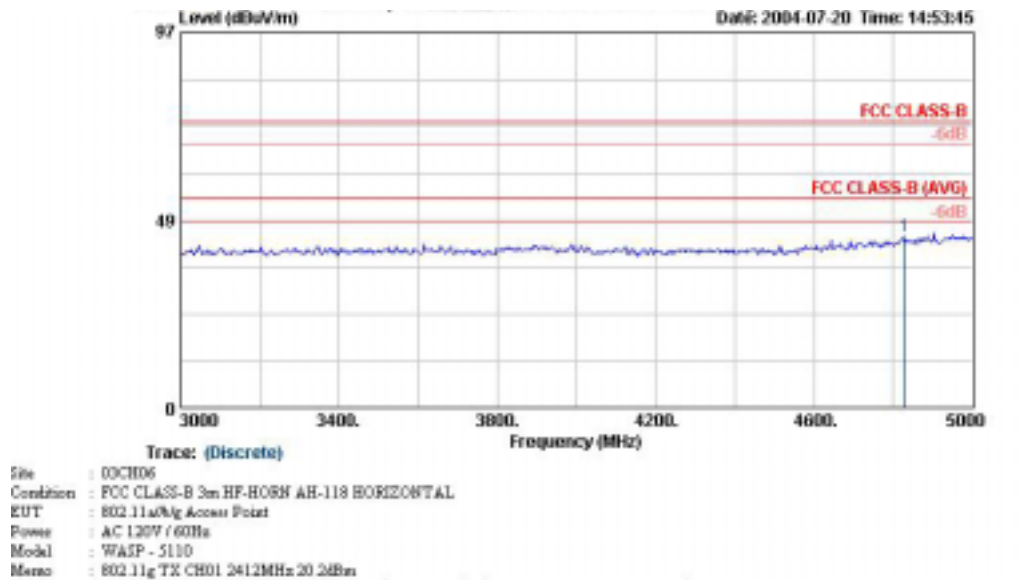
Test Mode: 802.11g TX CH01

- Test Distance : 3 m
- Temperature : 25.3 °C
- Relative Humidity :53.5 %
- Emission level (dBUV/m) = 20 log Emission level (uV/m)
- Corrected Reading : Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

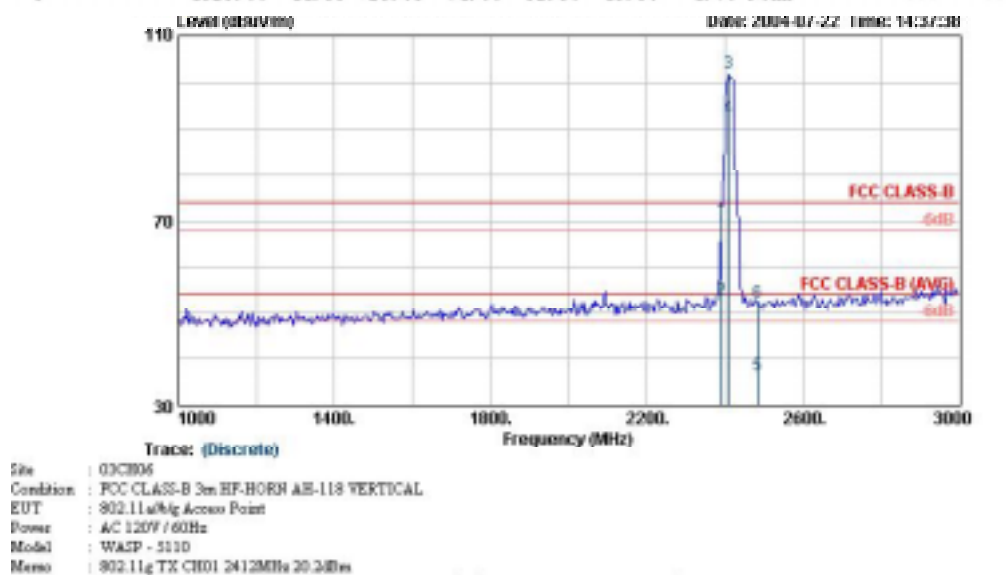
The test that passed at minimum margin was marked by the frame in the following table.



Remark: The "X" represent a fundamental frequency.

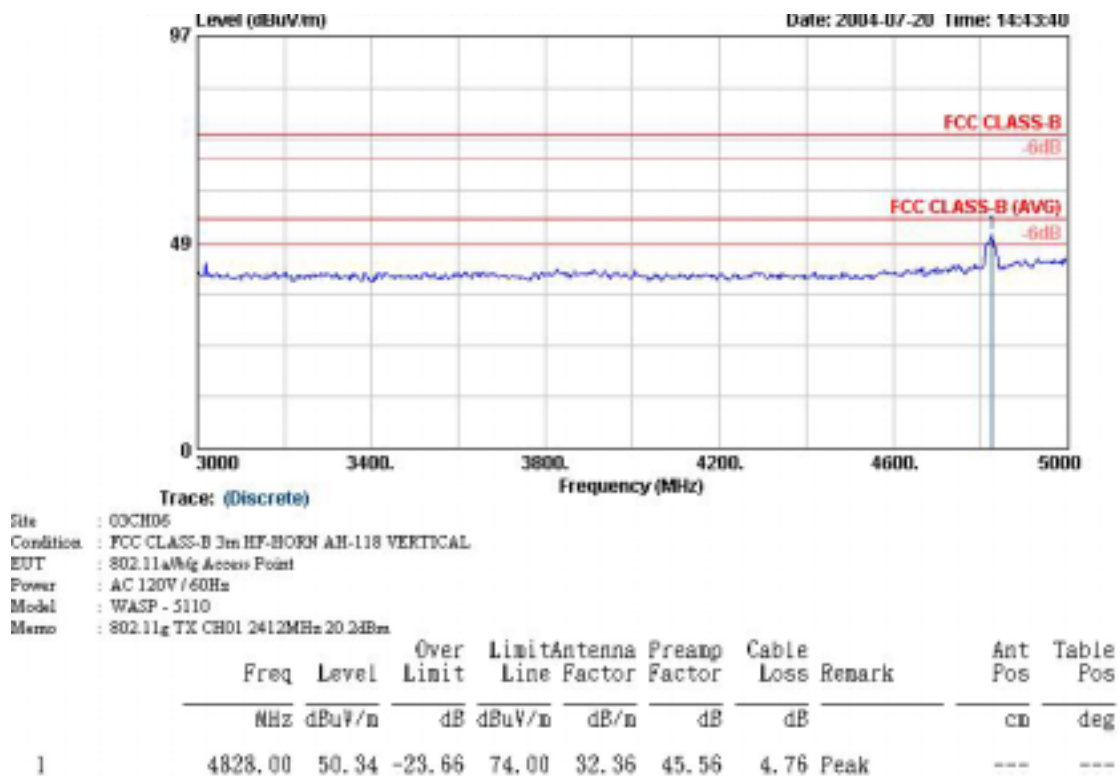


	Freq	Level	Over	Limit	Antenna	Preamp	Cable	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	Line	Factor	Loss		Pos	Pos
					Factor		dB		cm	deg
1	4828.00	44.35	-29.65	74.00	32.36	45.56	4.76	Peak	---	---



	Freq	Limit	Level	Limit	Antenna	Preamp	Cable	Remark	Ant	Table
	MHz	dB	dBuV/m	dBuV/m	Line	Factor	Loss		Pos	Pos
					Factor		dB		cm	deg
1	2390.00	-3.85	70.15	74.00	28.40	44.34	3.32	Peak	0	0
2	2390.00	-1.13	52.87	54.00	28.40	44.34	3.32	Average	0	0
3	2410.00		101.93		28.41	44.34	3.32	Peak	0	0
4	2410.00		92.48		28.41	44.34	3.32	Average	0	0
5	2453.50	-17.43	36.57	54.00	28.43	44.31	3.38	Average	0	0
6	2453.50	-21.68	52.32	74.00	28.43	44.31	3.38	Peak	0	0

Remark: The "X" represent a fundamental frequency.



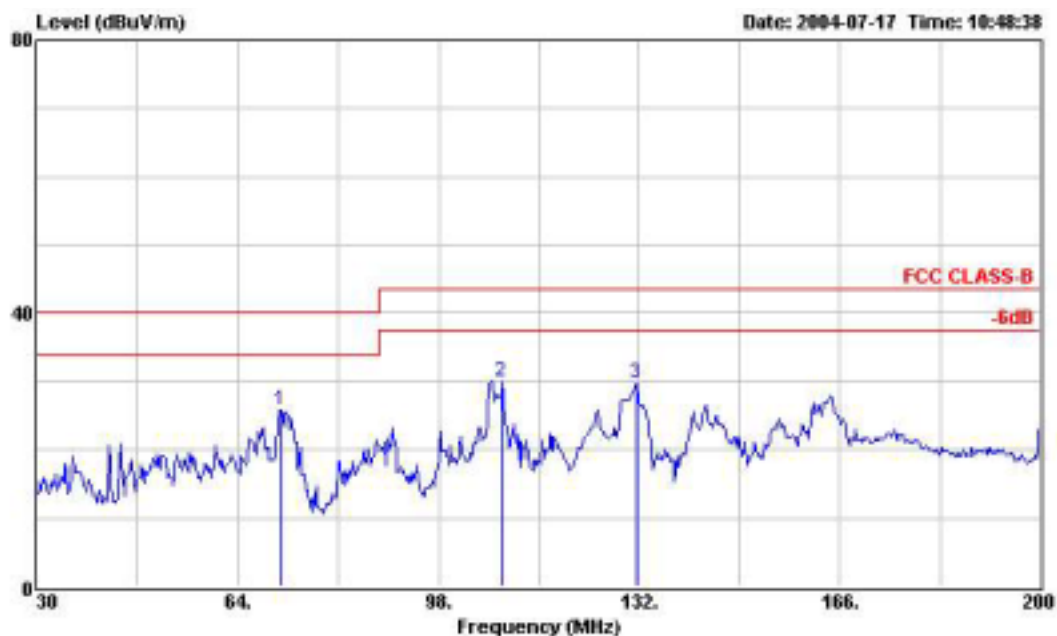
Remark:

Frequency from 5GHz to 25GHz, the emission emitted by the EUT is too low to be measured.

Test Mode: 802.11g TX CH06

- Test Distance : 3 m
- Temperature : 25.3 °C
- Relative Humidity :53.5 %
- Emission level (dBuV/m) = 20 log Emission level (uV/m)
- Corrected Reading : Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

The test that passed at minimum margin was marked by the frame in the following table.

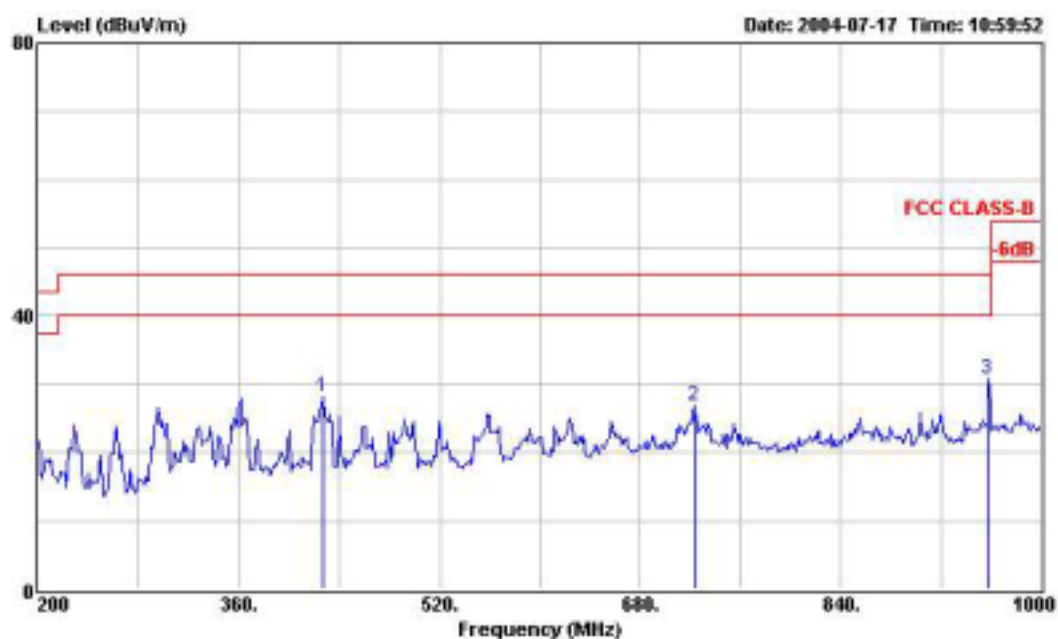


Site : 03CH03-HY
 Condition : FCC CLASS-B 3m BIC-9124--301 HORIZONTAL
 EUT : 802.11a/b/g Access Point
 Power : AC 120V / 60Hz
 Model : WASP-5110
 Memo : 11g TX CH06 2437MHz
 : WS2000

	Freq	Level	Over	Limit	Read	Probe	Cable	Preamp		Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	71.310	25.89	-14.11	40.00	43.47	8.96	1.42	27.96	Peak	---	---
2	108.710	29.97	-13.53	43.50	45.64	10.35	1.86	27.88	Peak	---	---
3	131.660	29.70	-13.80	43.50	44.04	11.43	2.07	27.84	Peak	---	---

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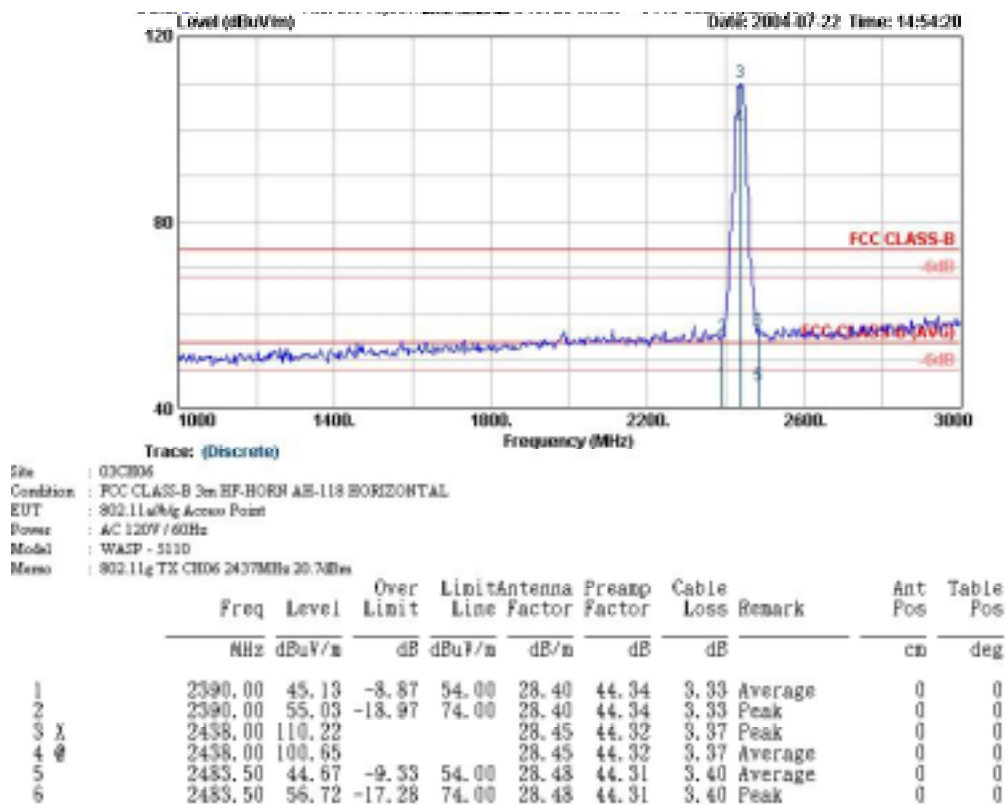


Site : 03CH03-HY
 Condition : FCC CLASS-B 3m LOG-9111-221 HORIZONTAL
 EUT : 802.11a/b/g Access Point
 Power : AC 120V / 60Hz
 Model : WASP-5110
 Memo : 11g TX CH06 2437MHz
 : WS2000

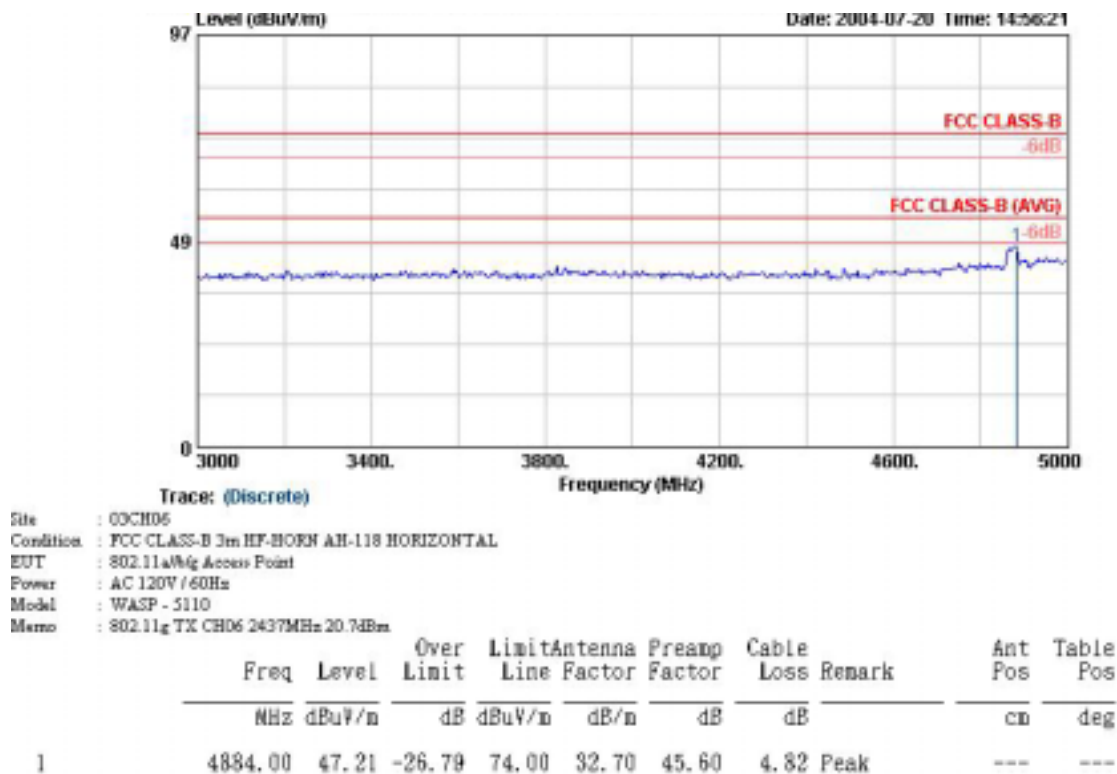
	Freq	Level	Over	Limit	Read	Probe	Cable	Preamp		Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	426.400	28.04	-17.96	46.00	36.29	16.18	3.60	28.03	Peak	---	---
2	723.200	26.78	-19.22	46.00	30.83	19.90	4.77	28.72	Peak	---	---
3	957.600	30.63	-15.37	46.00	31.32	21.90	5.65	28.24	Peak	---	---

FCC TEST REPORT

Report No. :FR531710-01



Remark: The "X" represent a fundamental frequency.



SPORTON International Inc.

TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

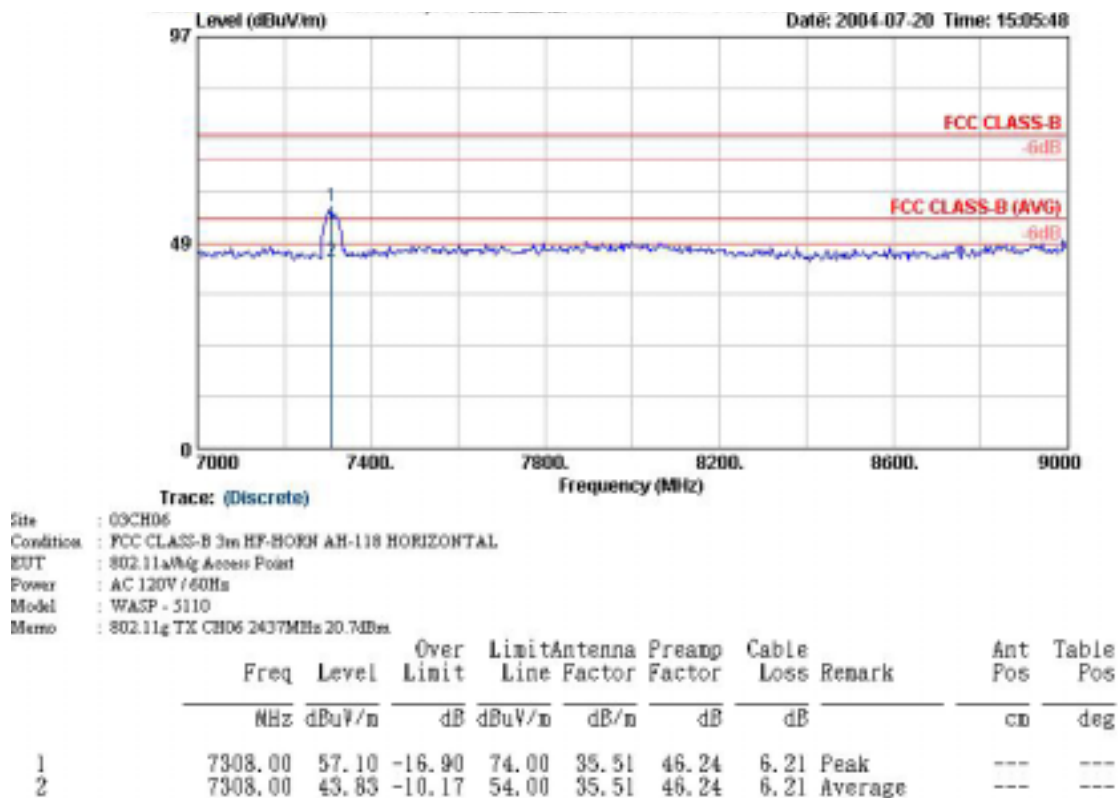
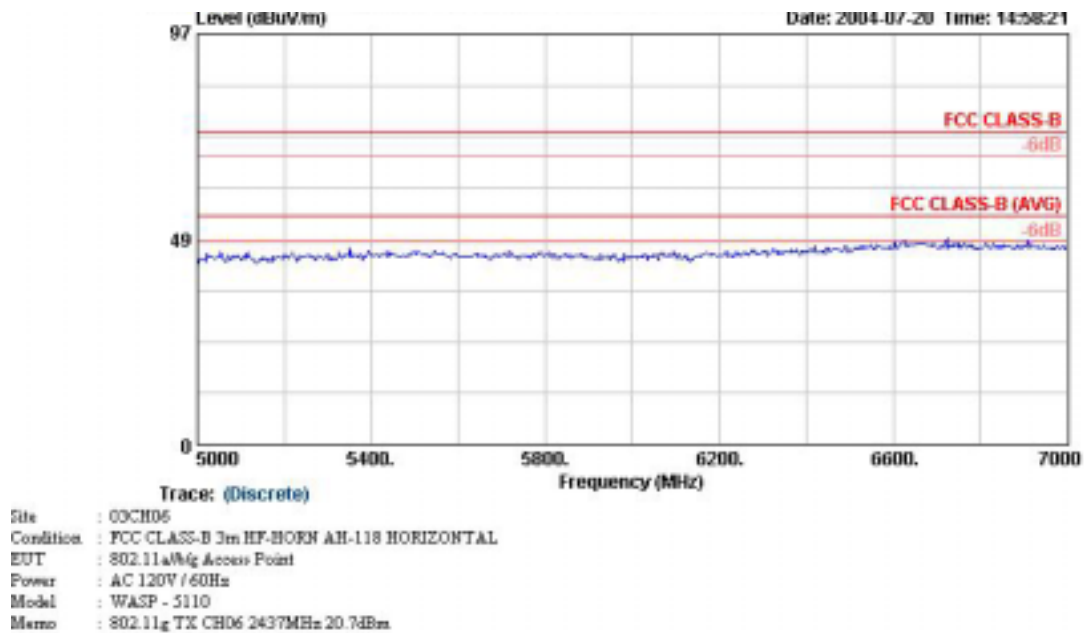
FCC ID : H9PWSAP5100BG

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SPORTON International Inc.

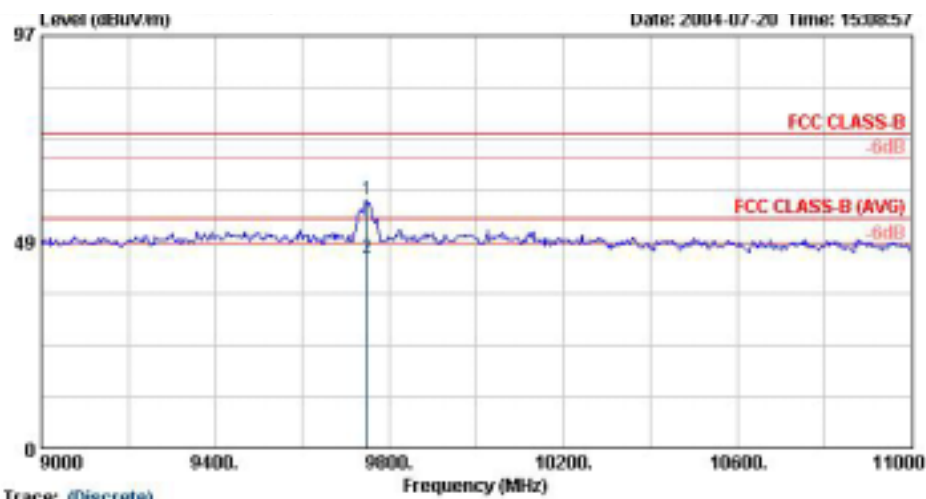
TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

FCC ID : H9PWSAP5100BG

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Report issued Date : Apr. 08, 2005

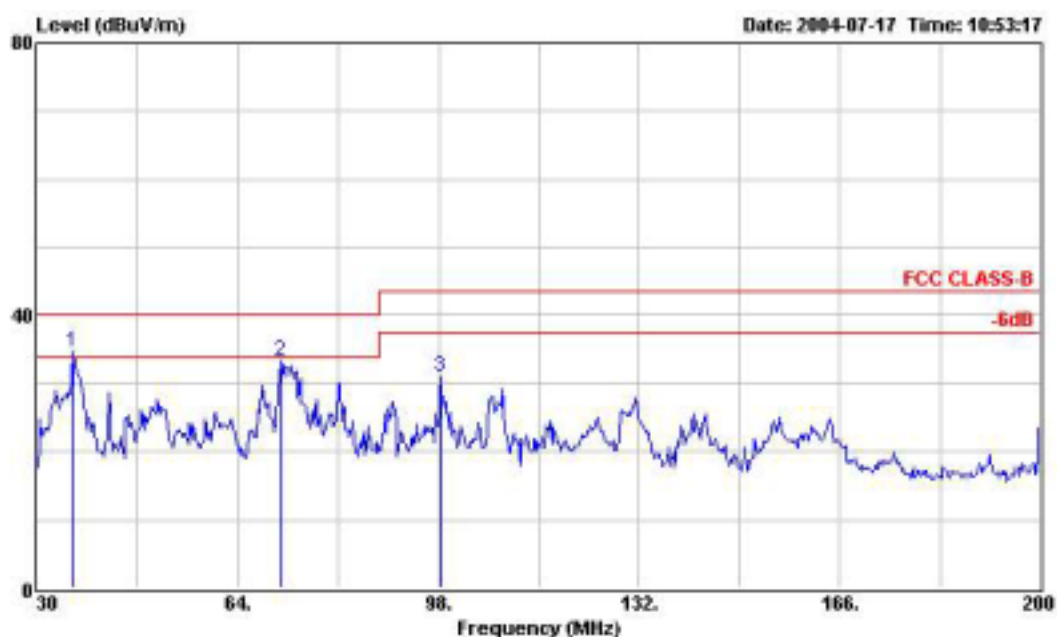


Site : 00CH06
 Condition : FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL
 EUT : 802.11a/b/g Access Point
 Power : AC 120V / 60Hz
 Model : WASP - 5110
 Memo : 802.11g TX CH06 2437MHz 20.7Mbps

	Freq	Level	Over	Limit	Antenna	Preamp	Cable	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB		Pos	Pos
									cm	deg
1	9748.00	58.37	-15.63	74.00	38.26	44.45	7.91	Peak	---	---
2	9748.00	44.78	-9.22	54.00	38.26	44.45	7.91	Average	---	---

FCC TEST REPORT

Report No. :FR531710-01

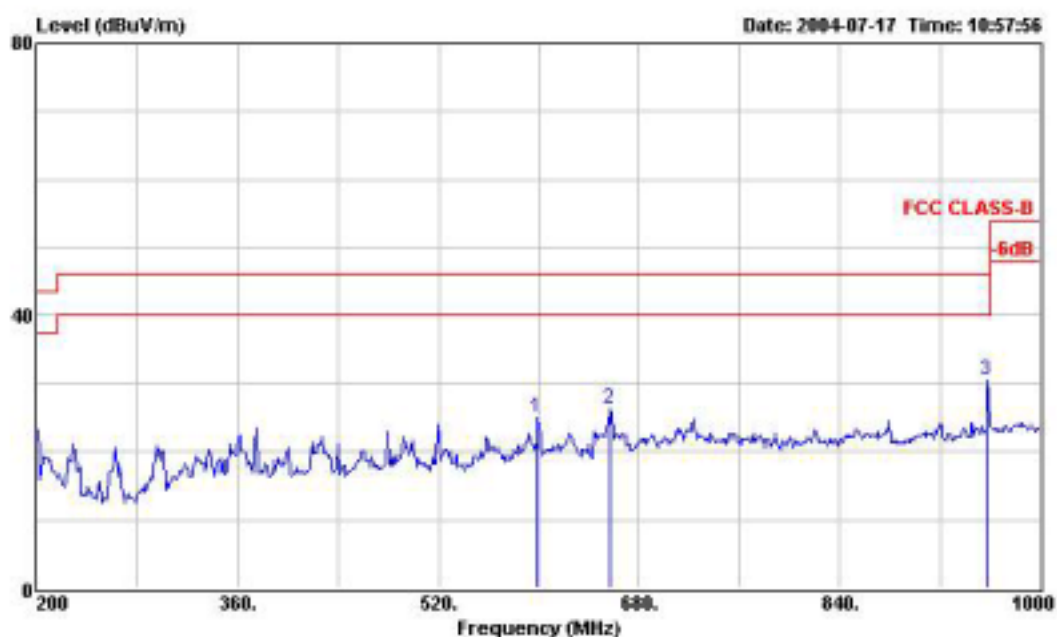


Site : 03CH03-HY
 Condition : FCC CLASS-B 3m BIC-9124--301 VERTICAL
 EUT : 802.11a/b/g Access Point
 Power : AC 120V / 60Hz
 Model : WASP-5110
 Memo : 11g TX CH06 2437MHz
 : WS2000

	Freq	Level	Over	Limit	Read	Probe	Cable	Preamp		Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	35.950	34.68	-5.32	40.00	48.95	12.73	1.03	28.03	Peak	100	334
2	71.310	33.26	-6.74	40.00	50.84	8.96	1.42	27.96	Peak	---	---
3	98.340	30.98	-12.52	43.50	47.48	9.65	1.75	27.90	Peak	---	---

FCC TEST REPORT

Report No. :FR531710-01

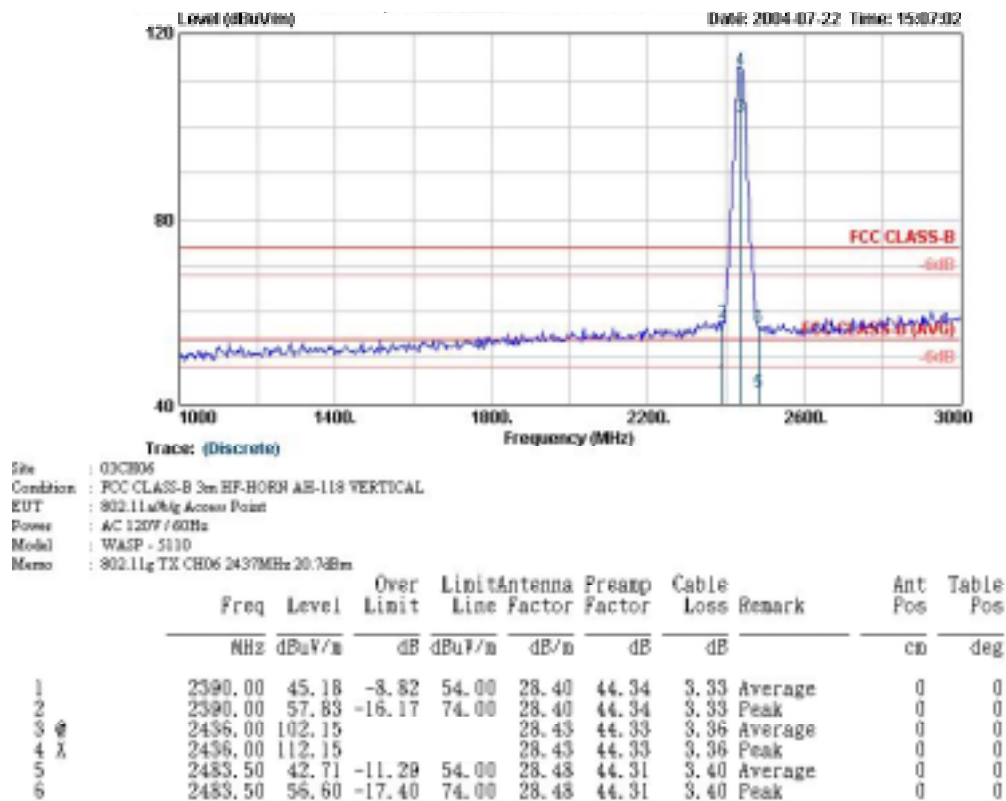


Site : 03CH03-HY
 Condition : FCC CLASS-B 3m LOG-9111-221 VERTICAL
 EUT : 802.11a/b/g Access Point
 Power : AC 120V / 60Hz
 Model : WASP-5110
 Memo : 11g TX CH06 2437MHz
 : WS2000

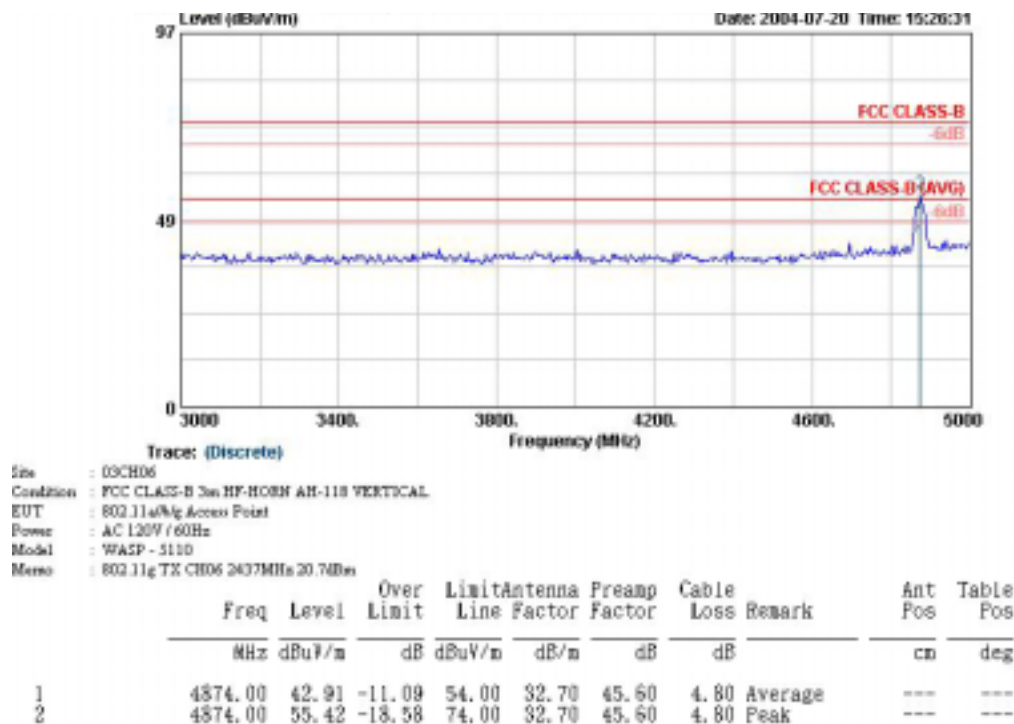
	Freq	Level	Over	Limit	Read	Probe	Cable	Preamp		Ant	Table
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Remark	Pos	Pos
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB	dB	dB		cm	deg
1	599.200	24.94	-21.06	46.00	30.39	18.98	4.37	28.80	Peak	---	---
2	656.800	26.22	-19.78	46.00	31.39	18.93	4.64	28.74	Peak	---	---
3	957.600	30.49	-15.51	46.00	31.18	21.90	5.65	28.24	Peak	---	---

FCC TEST REPORT

Report No. :FR531710-01



Remark: The "X" represent a fundamental frequency.



SPORTON International Inc.

TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

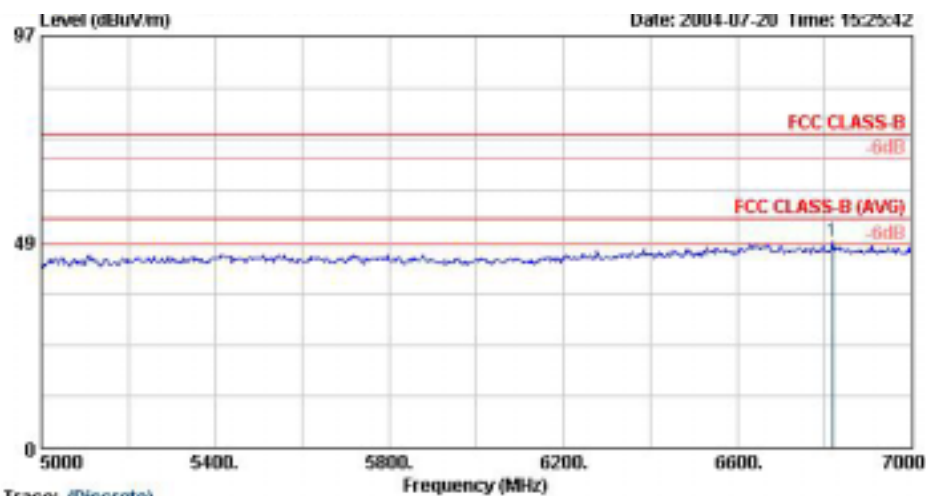
FCC ID : H9PWSAP5100BG

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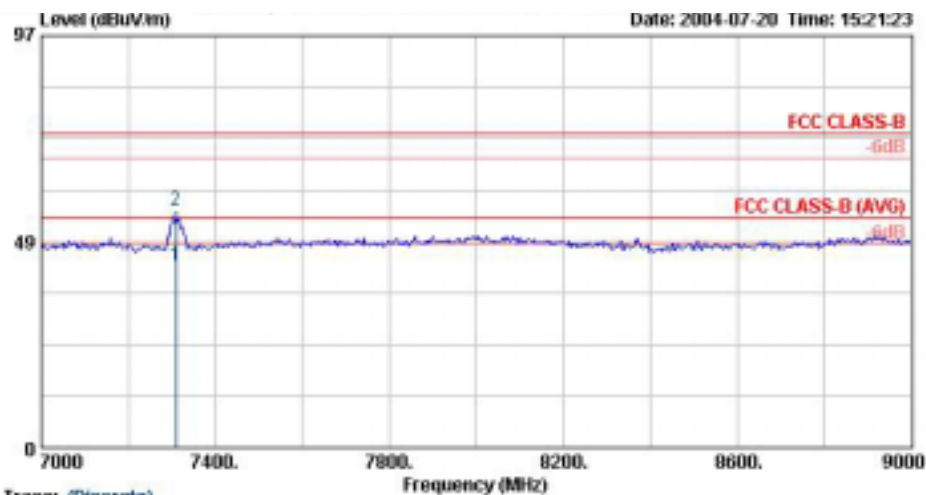
Report No. :FR531710-01



Trace: (Discrete)

Site : 03CH06
Condition : FCC CLASS-B 3m HF-HORN AH-118 VERTICAL
EUT : 802.11a/b/g Access Point
Power : AC 120V / 60Hz
Model : WASP - 5110
Memo : 802.11g TX CH06 2437MHz 20.7dBm

	Freq	Level	Over	Limit	Antenna	Preamp	Cable	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB		Pos	Pos
									cm	deg
1	6820.00	48.54	-25.46	74.00	34.66	46.38	0.00	Peak	---	---



Trace: (Discrete)

Site : 03CH06
Condition : FCC CLASS-B 3m HF-HORN AH-118 VERTICAL
EUT : 802.11a/b/g Access Point
Power : AC 120V / 60Hz
Model : WASP - 5110
Memo : 802.11g TX CH06 2437MHz 20.7dBm

	Freq	Level	Over	Limit	Antenna	Preamp	Cable	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB		Pos	Pos
									cm	deg
1	7310.00	43.02	-10.98	54.00	35.51	46.24	6.20	Average	0	0
2	7310.00	55.80	-18.20	74.00	35.51	46.24	6.20	Peak	0	0

SPORTON International Inc.

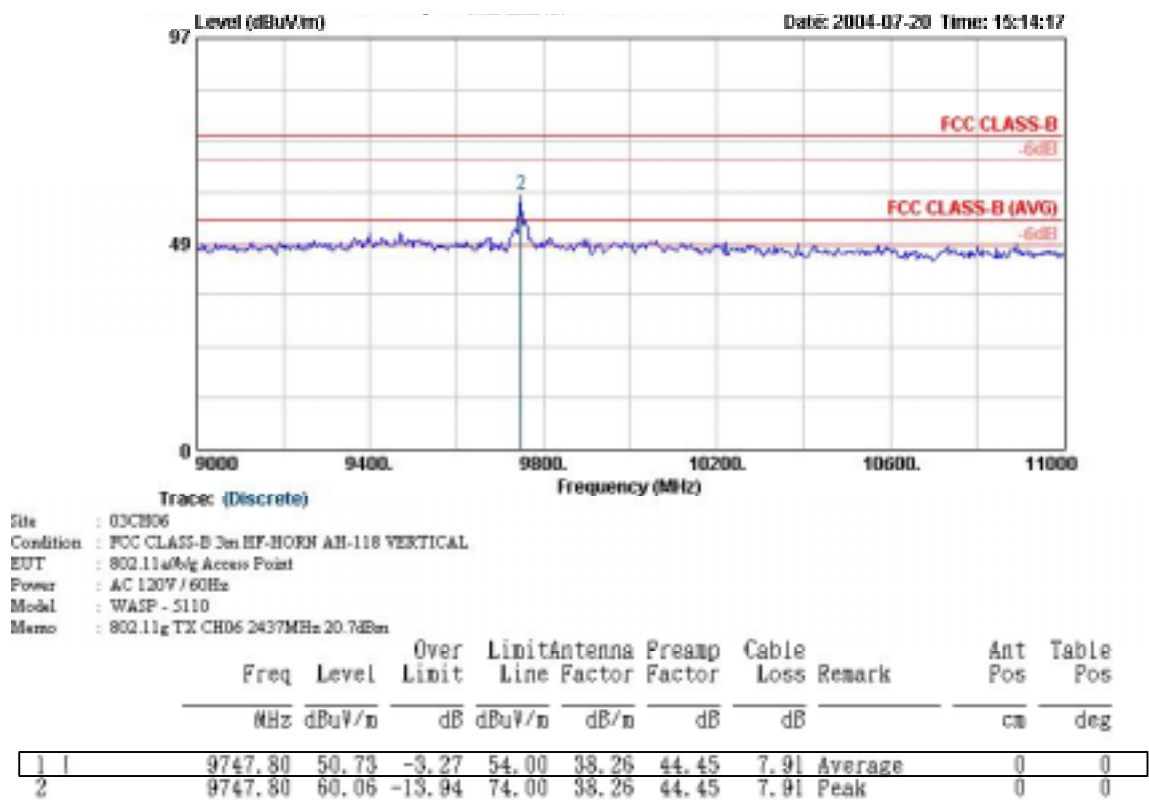
TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

FCC ID : H9PWSAP5100BG

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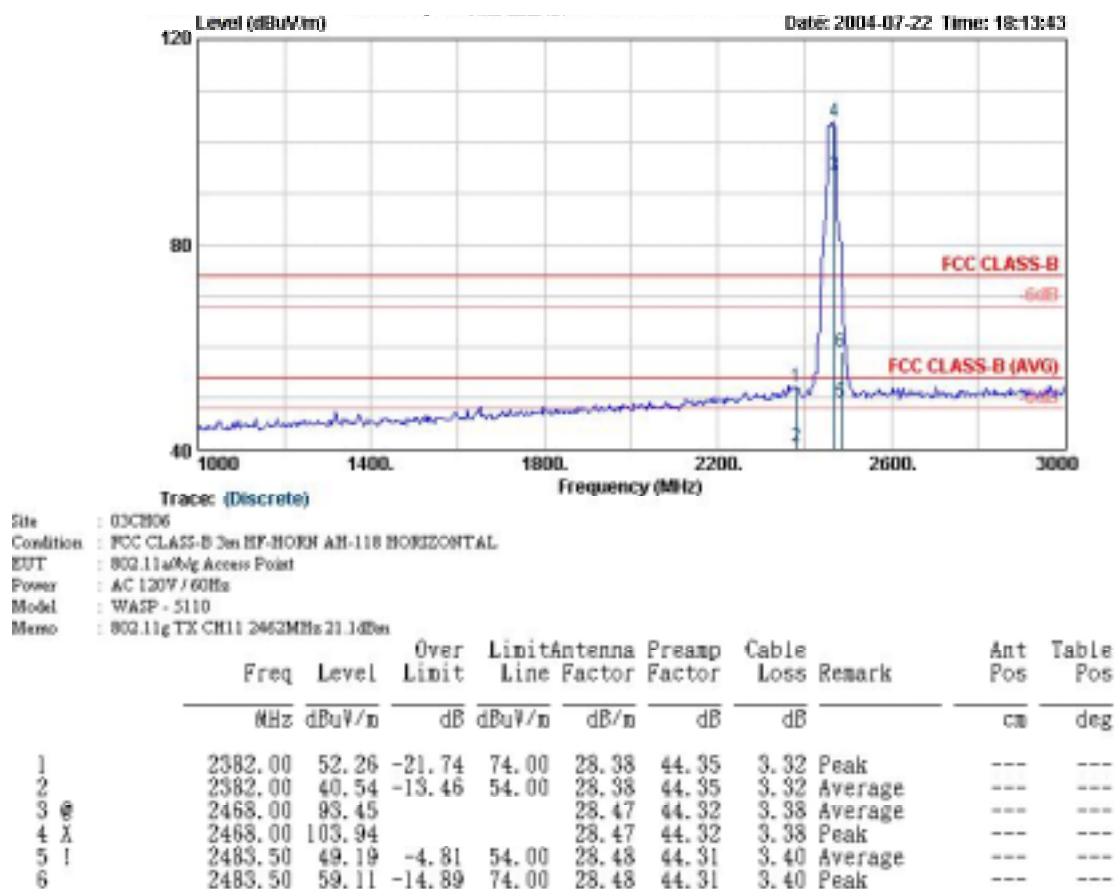
Remark:

Frequency from 11GHz to 25GHz, the emission emitted by the EUT is too low to be measured.

Test Mode: 802.11g 11b TX CH11

- Test Distance : 3 m
- Temperature : 25.3 °C
- Relative Humidity :53.5 %
- Emission level (dBuV/m) = 20 log Emission level (uV/m)
- Corrected Reading : Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

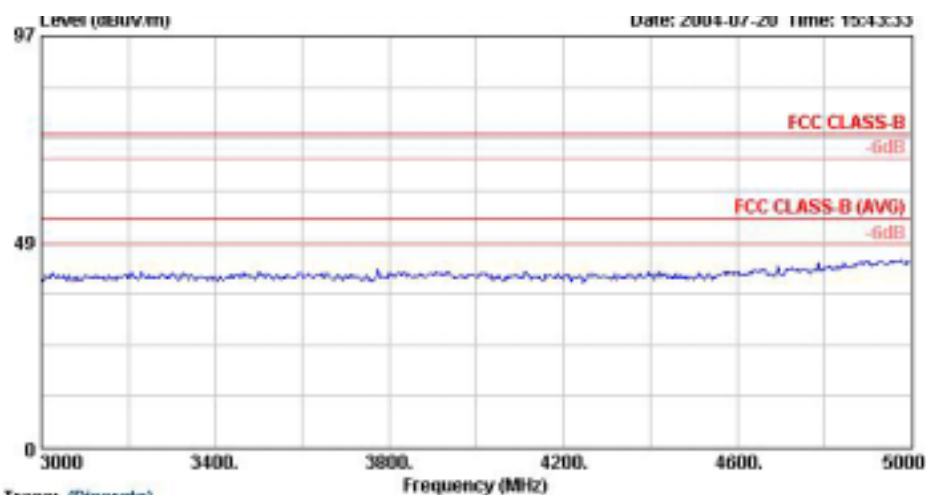
The test that passed at minimum margin was marked by the frame in the following table.



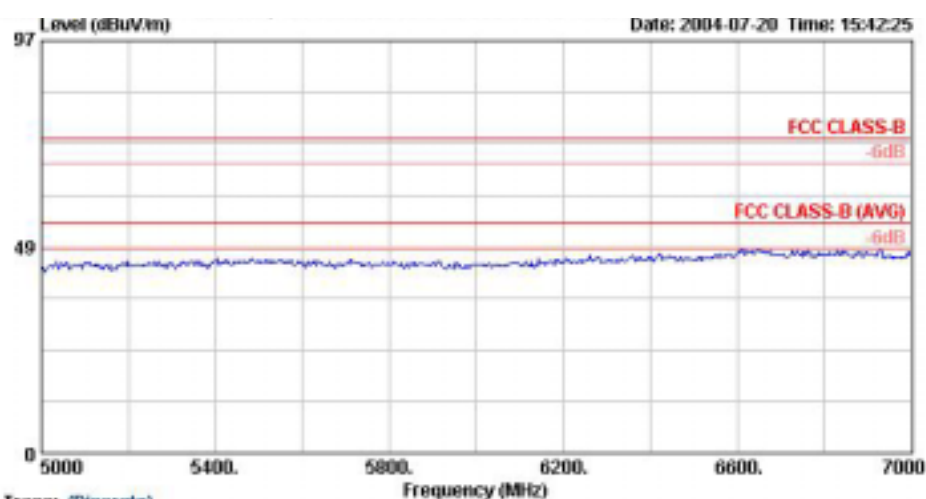
Remark: The "X" represent a fundamental frequency.

FCC TEST REPORT

Report No. :FR531710-01



Site : 03CH06
 Condition : FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL
 EUT : 802.11a/b/g Access Point
 Power : AC 120V / 60Hz
 Model : WASP - 5110
 Memo : 802.11g TX CH11 2462MHz 21.1dBm



Site : 03CH06
 Condition : FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL
 EUT : 802.11a/b/g Access Point
 Power : AC 120V / 60Hz
 Model : WASP - 5110
 Memo : 802.11g TX CH11 2462MHz 21.1dBm

SPORTON International Inc.

TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

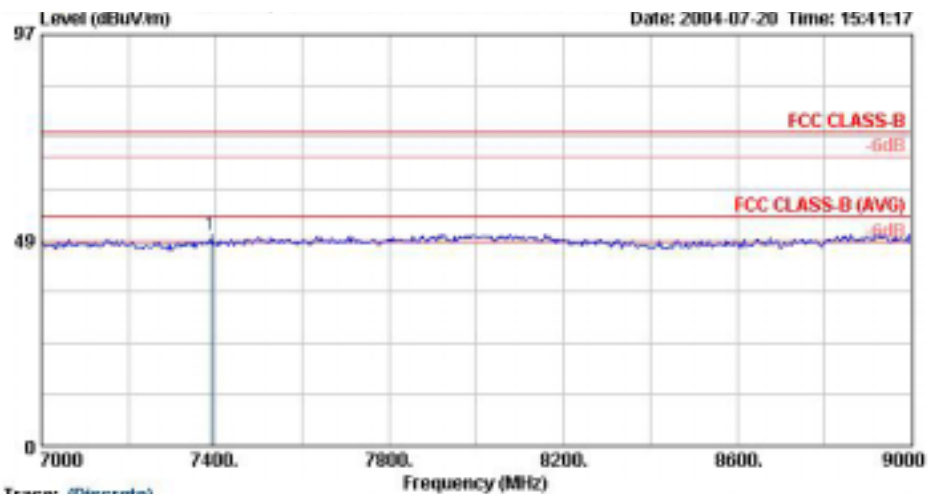
FCC ID : H9PWSAP5100BG

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FCC TEST REPORT

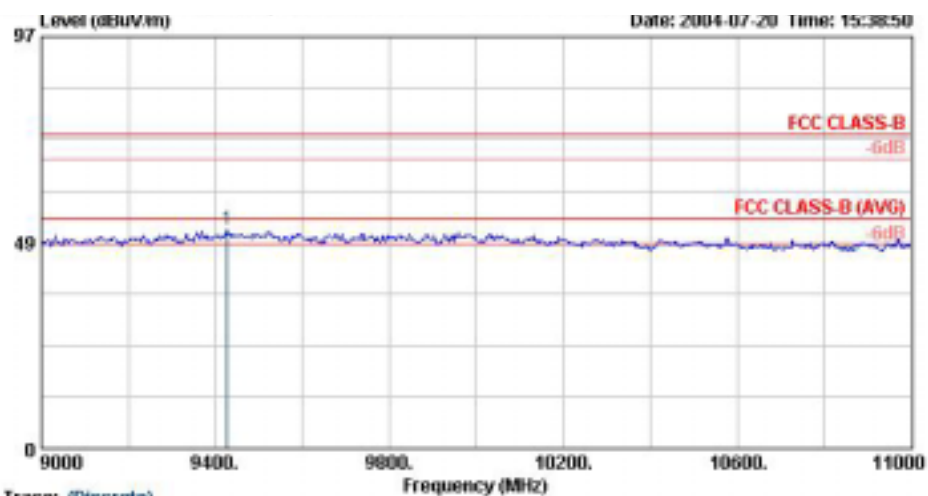
Report No. :FR531710-01



Trace: (Discrete)

Site : 03CH06
 Condition : FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL
 EUT : 802.11a/b/g Access Point
 Power : AC 120V / 60Hz
 Model : WASP - 5110
 Memo : 802.11g TX CH11 2462MHz 21.1dBm

	Freq	Over	Limit	Antenna	Preamp	Cable	Remark	Ant	Table
	MHz	Limit	Level	Line	Factor	Loss		Pos	Pos
		dB	dBuV/m	Factor	Factor	dB		cm	deg
1 @	7390.00	-24.17	49.83	74.00	35.73	46.22	6.19 Peak	---	---



Trace: (Discrete)

Site : 03CH06
 Condition : FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL
 EUT : 802.11a/b/g Access Point
 Power : AC 120V / 60Hz
 Model : WASP - 5110
 Memo : 802.11g TX CH11 2462MHz 21.1dBm

	Freq	Over	Limit	Antenna	Preamp	Cable	Remark	Ant	Table
	MHz	Limit	Level	Line	Factor	Loss		Pos	Pos
		dB	dBuV/m	Factor	Factor	dB		cm	deg
1 @	9428.00	-22.52	51.48	74.00	37.86	44.59	7.86 Peak	---	---

SPORTON International Inc.

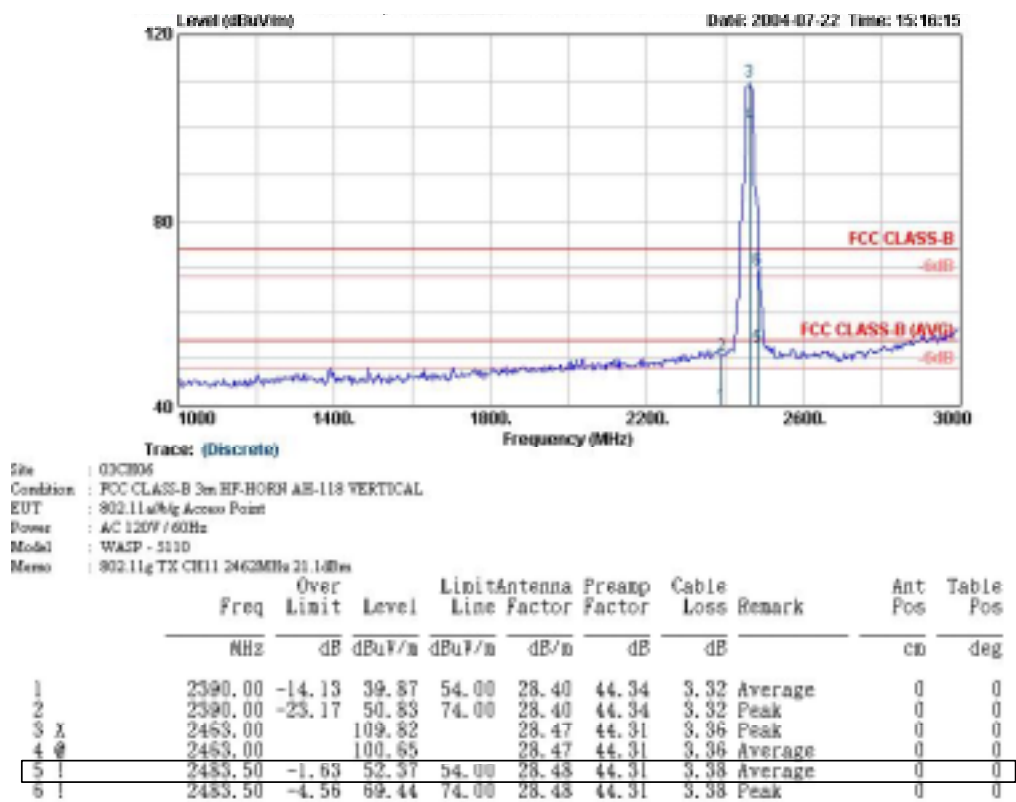
TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

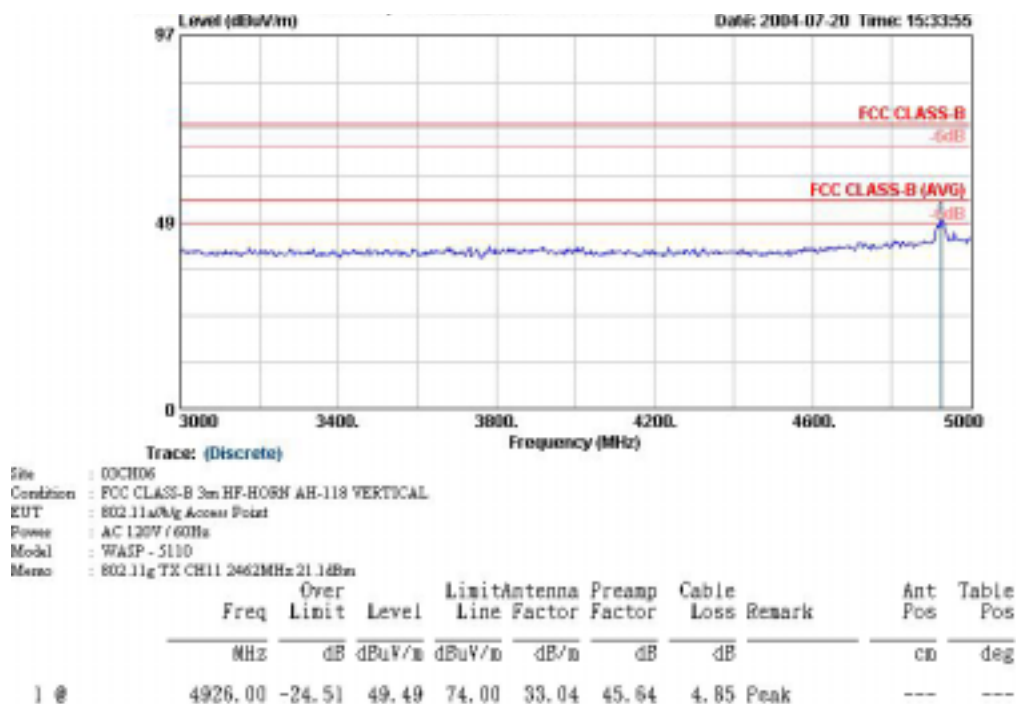
FCC ID : H9PWSAP5100BG

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Report issued Date : Apr. 08, 2005

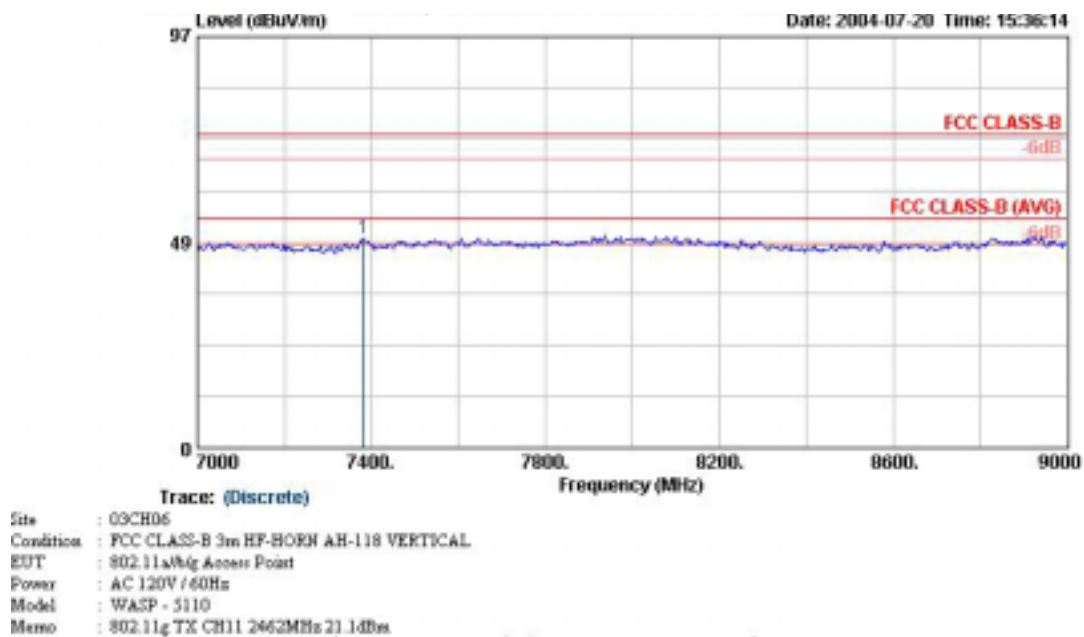
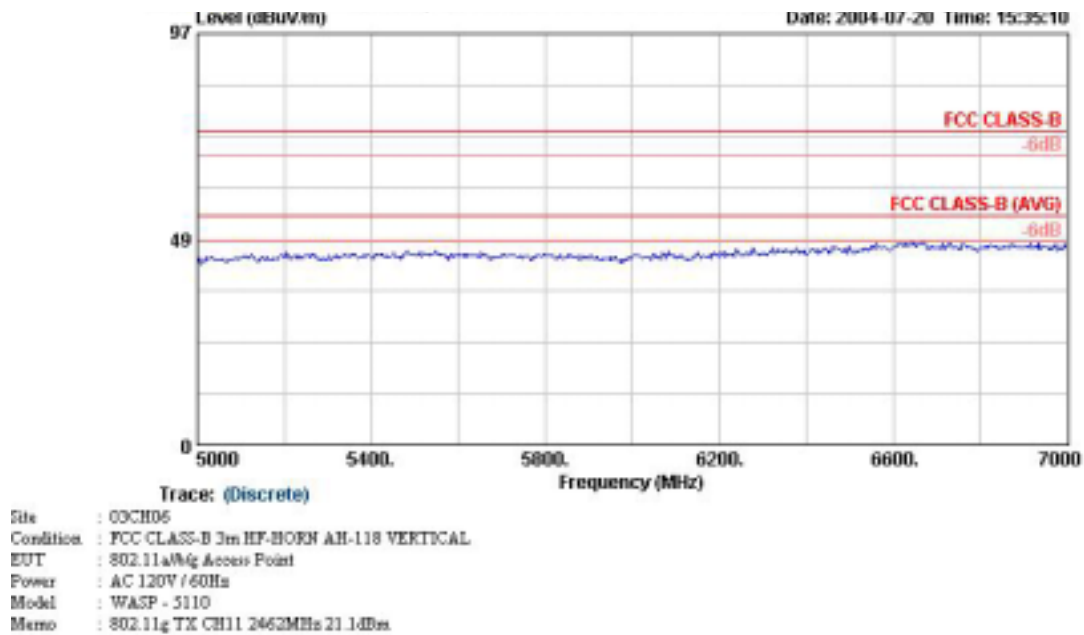


Remark: The "X" represent a fundamental frequency.



FCC TEST REPORT

Report No. :FR531710-01



	Freq	Over Limit	Level	Limit	Antenna Line Factor	Preamplifier Factor	Cable Loss	Remark	Ant Pos	Table Pos
	MHz	dB	dBuV/m	dBuV/m	dB/m	dB	dB		cm	deg
1 @	7382.00	-24.76	49.24	74.00	35.69	46.23	6.20	Peak	---	---

SPORTON International Inc.

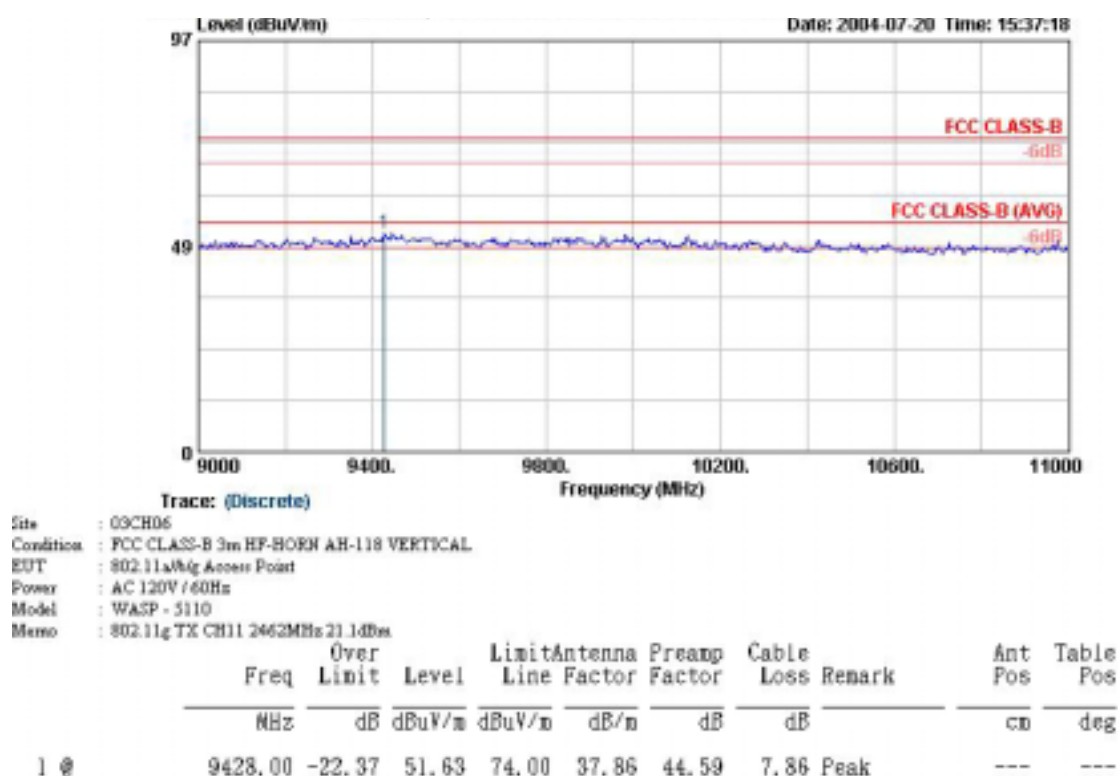
TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

FCC ID : H9PWSAP5100BG

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Report issued Date : Apr. 08, 2005



Remark:

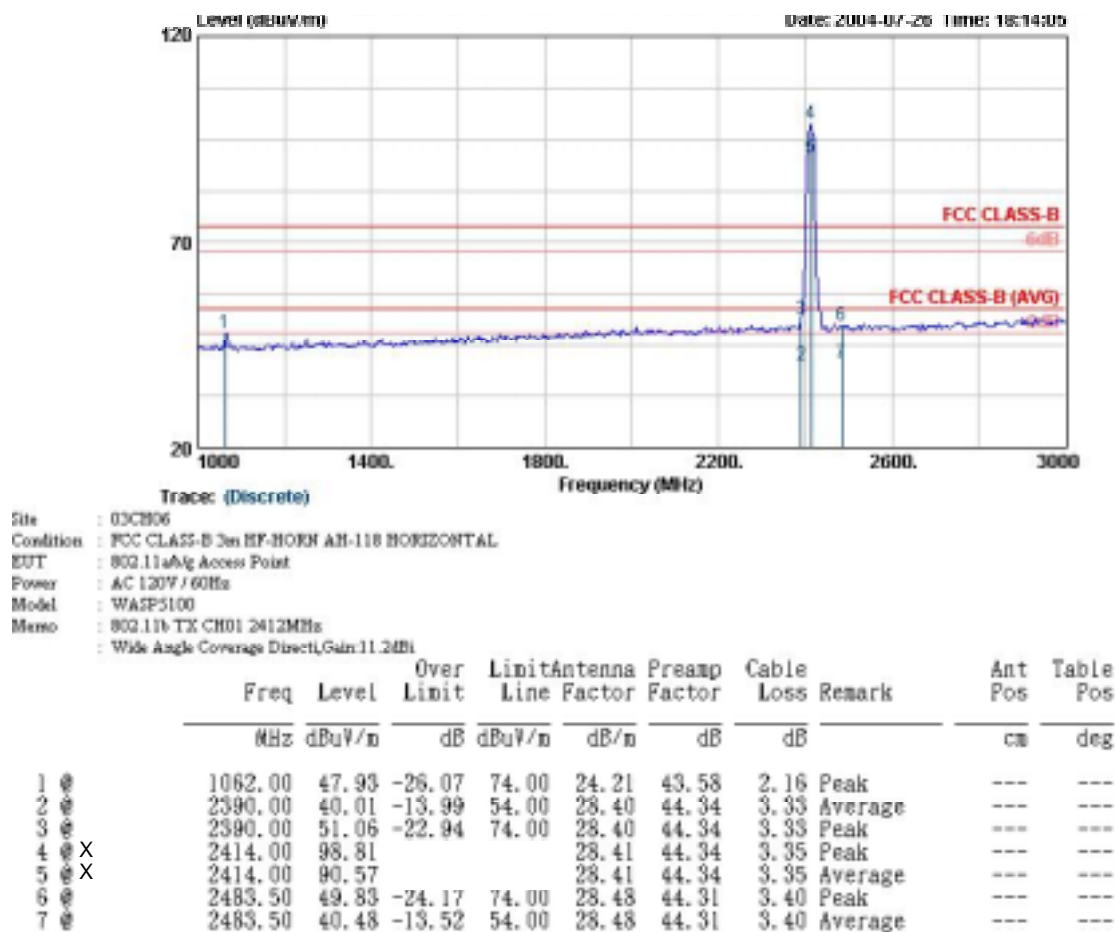
Frequency from 11GHz to 25GHz, the emission emitted by the EUT is too low to be measured.

7.4.2 Antenna 2

Test Mode: 802.11b TX CH01

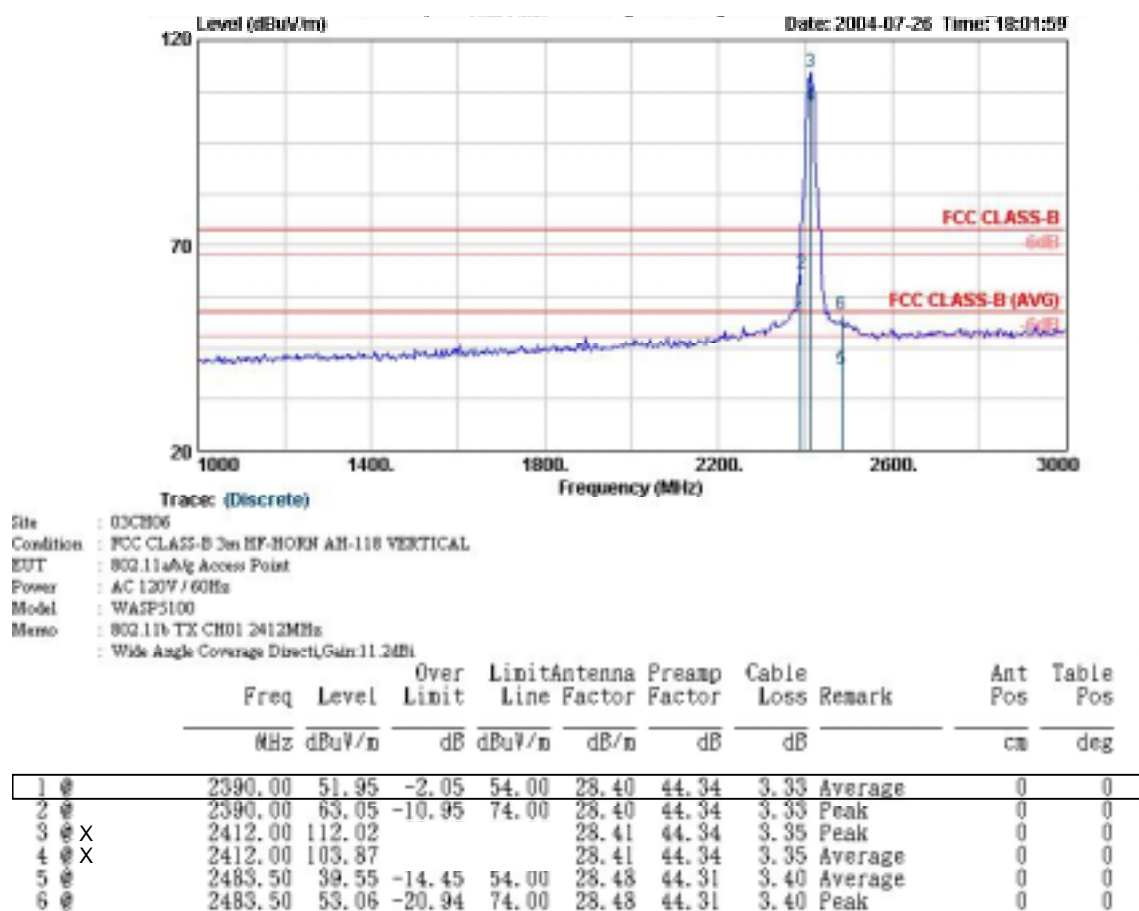
- Test Distance : 3 m
- Temperature : 25.3 °C
- Relative Humidity :53.5 %
- Emission level (dBuV/m) = 20 log Emission level (uV/m)
- Corrected Reading : Probe Factor + Cable Loss + Read Level - Preamp Factor = Level

The test that passed at minimum margin was marked by the frame in the following table.



Remark:

The "X" represent a fundamental frequency.



Remark: The "X" represent a fundamental frequency.

Frequency from 3GHz to 25GHz, the emission emitted by the EUT is too low to be measured.