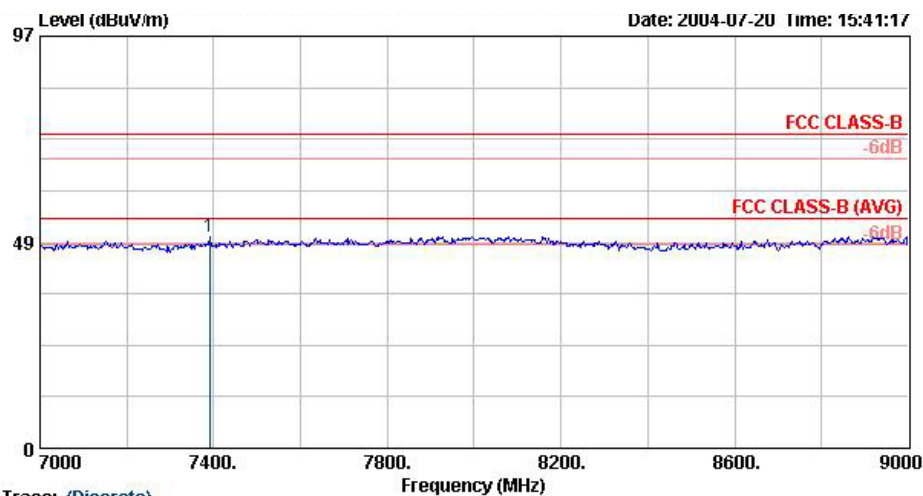


FCC TEST REPORT

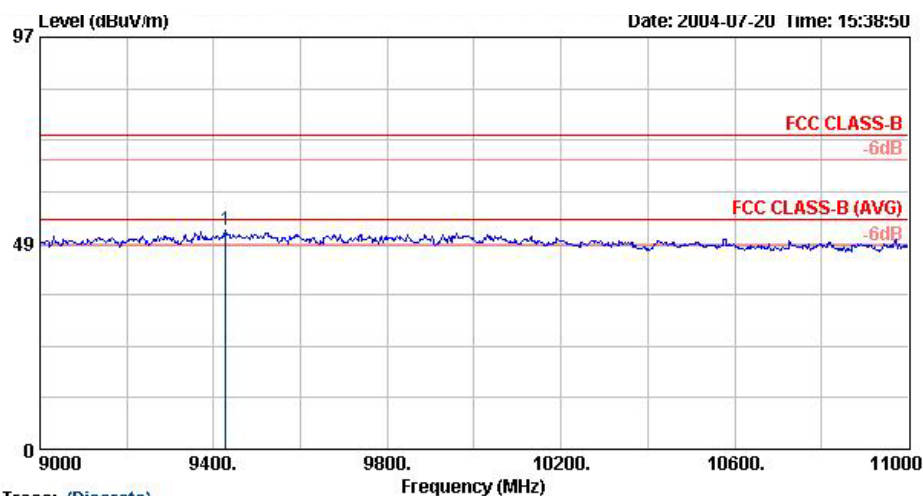
Report No. :F471907



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

	Over	Limit	Antenna	Preamp	Cable		Ant	Table
Freq	Limit	Level	Line	Factor	Factor	Loss	Pos	Pos
MHz	dB	dBuV/m	dBuV/m	dB/m	dB	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

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

SPORTON International Inc.

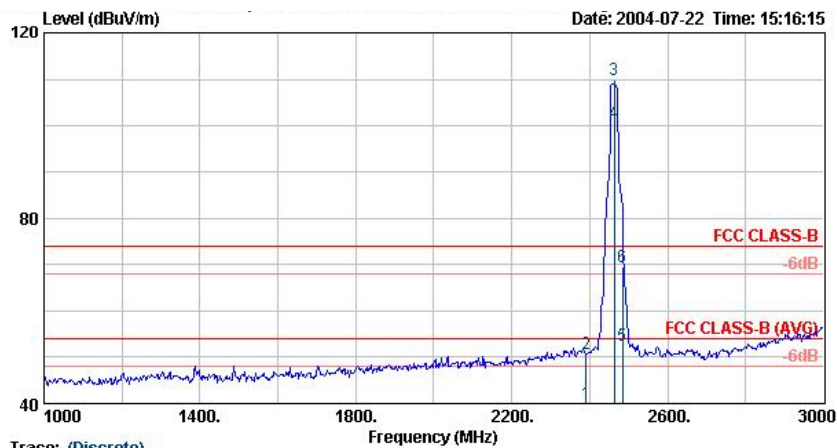
TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

FCC ID : H9PWSAP5100

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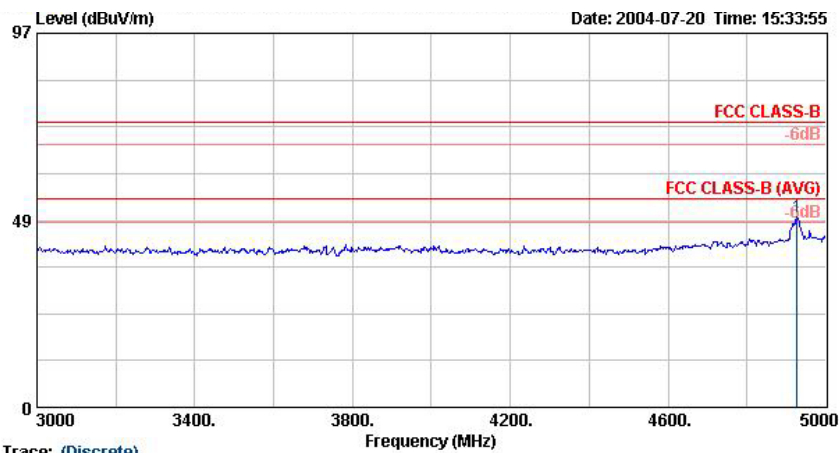
Issued Date : Aug. 12, 2004



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 CH11 2462MHz 21.1dBm

	Freq	Over	Limit	Antenna	Preamp	Cable	Remark	Ant	Table
	MHz	Limit	Level	Line	Factor	Loss		Pos	Pos
		dB	dBuV/m	dBuV/m	dB/m	dB		cm	deg
1	2390.00	-14.13	39.87	54.00	28.40	44.34	3.32 Average	0	0
2	2390.00	-23.17	50.83	74.00	28.40	44.34	3.32 Peak	0	0
3 X	2463.00		109.82		28.47	44.31	3.36 Peak	0	0
4 @	2463.00		100.65		28.47	44.31	3.36 Average	0	0
5 !	2483.50	-1.63	52.37	54.00	28.48	44.31	3.38 Average	0	0
6 !	2483.50	-4.56	69.44	74.00	28.48	44.31	3.38 Peak	0	0

Remark: The "X" represent a fundamental frequency.

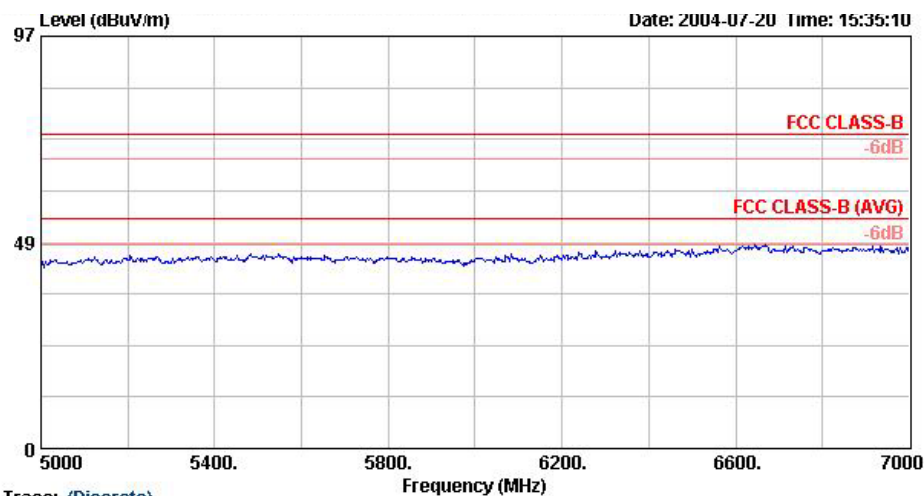


Site : 03CH06
 Condition : FCC CLASS-B 3m HF-HORN AH-118 VERTICAL
 EUT : 802.11a/b/g Access Point
 Power : AC 120V / 60Hz
 Model : WASP - 5110
 Memo : 802.11g TX CH11 2462MHz 21.1dBm

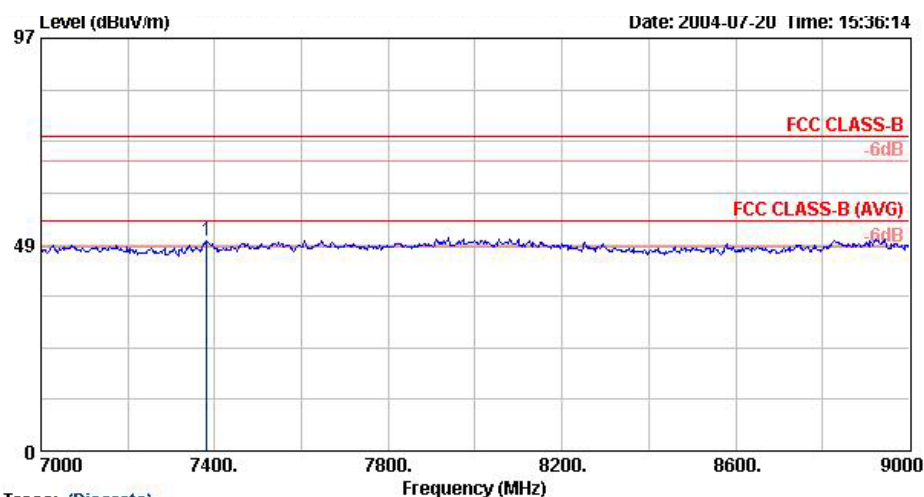
	Freq	Over	Limit	Antenna	Preamp	Cable	Remark	Ant	Table
	MHz	Limit	Level	Line	Factor	Loss		Pos	Pos
		dB	dBuV/m	dBuV/m	dB/m	dB		cm	deg
1 @	4926.00	-24.51	49.49	74.00	33.04	45.64	4.85 Peak	---	---

FCC TEST REPORT

Report No. :F471907



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 CH11 2462MHz 21.1dBm



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 CH11 2462MHz 21.1dBm

	Over	Limit	Level	Limit	Antenna	Preamp	Cable		Ant	Table
	Freq	Limit	Level	Line	Factor	Factor	Loss	Remark	Pos	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.

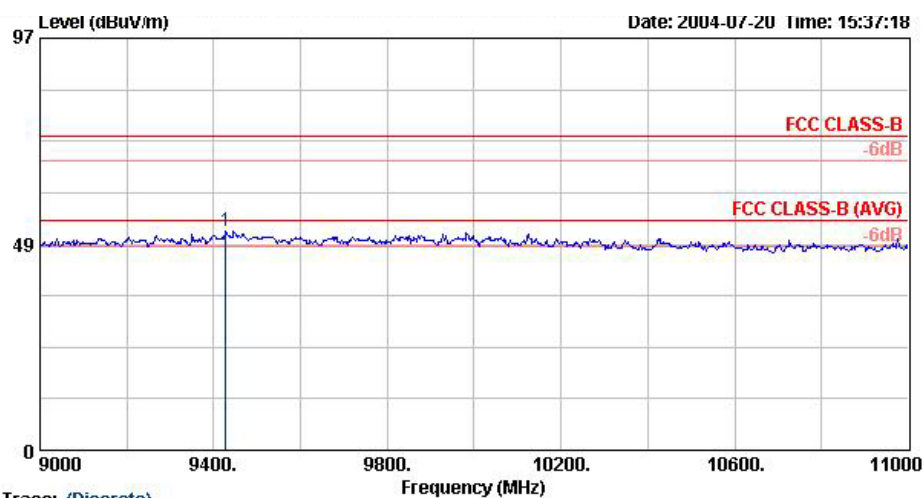
TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

FCC ID : H9PWSAP5100

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Issued Date : Aug. 12, 2004



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 CH11 2462MHz 21.1dBm

	Over	Limit	Level	Limit	Antenna	Preamp	Cable		Ant	Table
	Freq			Line	Factor	Factor	Loss	Remark	Pos	Pos
	MHz	dB	dBuV/m	dBuV/m	dB/m	dB	dB		cm	deg
1 @	9428.00	-22.37	51.63	74.00	37.86	44.59	7.86	Peak	---	---

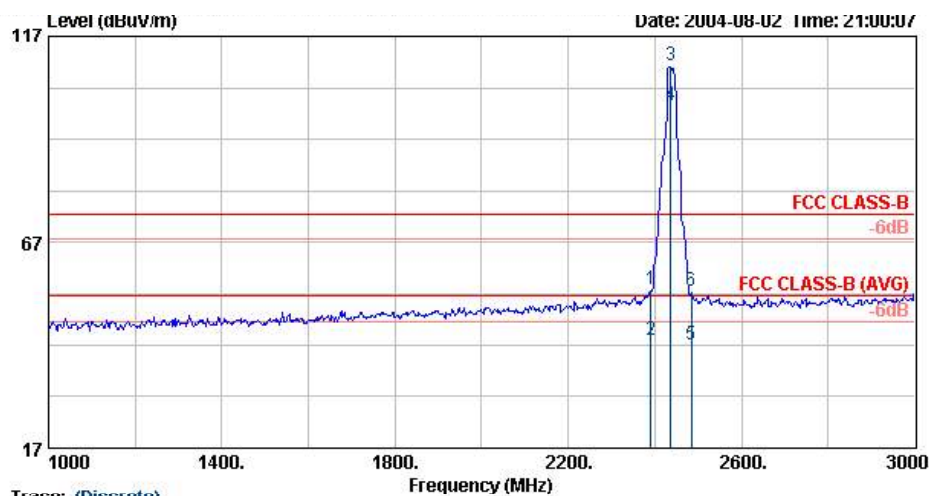
Remark:

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

Test Mode: 802.11a Tx<5260MHz> + 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

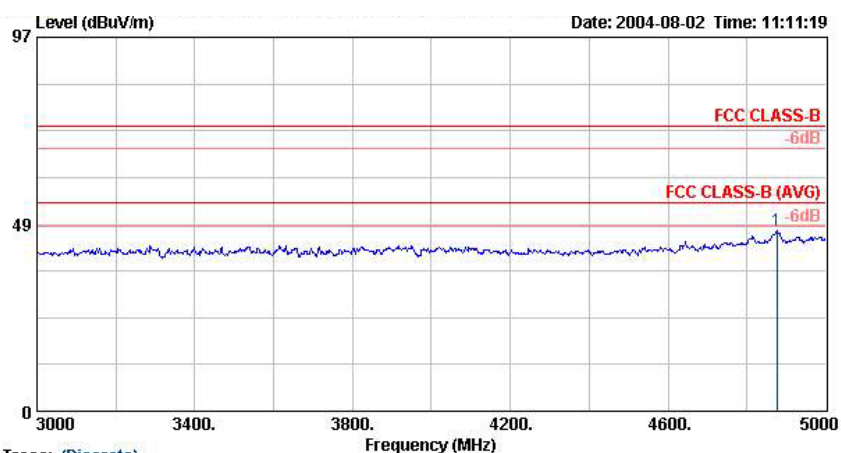
■ The test that passed at minimum margin was marked by the frame in the following table.



Site : 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 : 802.11a TX 5260MHz + 802.11g TX CH06

	Freq	Level	Over	Limit	Antenna	Preamp	Cable	Remark	Ant	Table
	MHz	dBuV/m	Limit	dBuV/m	Factor	Factor	Loss		Pos	Pos
			dB				dB		cm	deg
1 @	2390.00	55.57	-18.43	74.00	28.40	44.34	3.33	Peak	0	0
2 @	2390.00	43.55	-10.45	54.00	28.40	44.34	3.33	Average	0	0
3 @ X	2437.00	109.97			28.45	44.32	3.37	Peak	0	0
4 @ X	2437.00	100.19			28.45	44.32	3.37	Average	0	0
5 @	2483.50	42.40	-11.60	54.00	28.48	44.31	3.40	Average	0	0
6 @	2483.50	55.29	-18.71	74.00	28.48	44.31	3.40	Peak	0	0

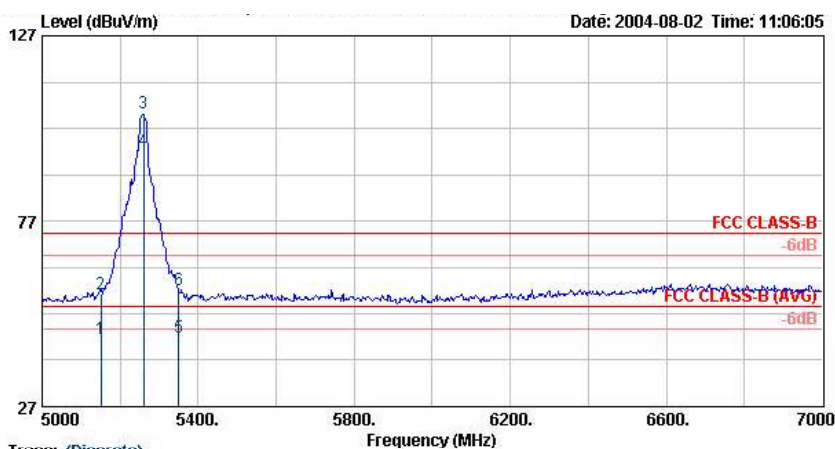
Remark: The "X" represent a fundamental frequency.



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 : 802.11a TX 5260MHz + 802.11g TX CH06

	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 @	4876.00	47.00	-27.00	74.00	32.70	45.60	4.80	Peak	---	---



Trace: (Discrete)

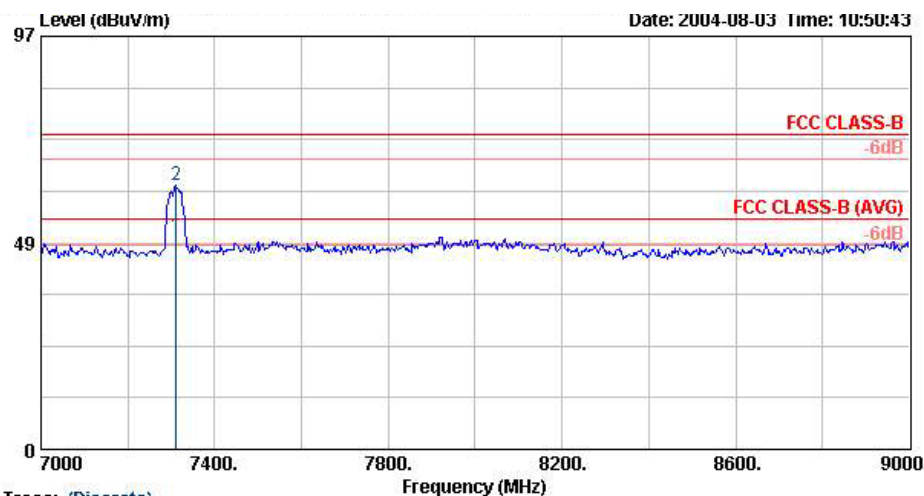
Site : 03CH06
 Condition : FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL
 EUT : 802.11a/b/g Access Point
 Power : AC 120V / 60Hz
 Model : WASP - 5110
 Memo : 802.11a TX 5260MHz + 802.11g TX CH06

	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 @	5150.00	45.35	-8.65	54.00	33.71	45.91	5.00	Average	0	0
2 @	5150.00	57.66	-16.34	74.00	33.71	45.91	5.00	Peak	0	0
3 @ X	5260.00	106.04			33.87	46.07	5.08	Peak	0	0
4 @ X	5260.00	95.96			33.87	46.07	5.08	Average	0	0
5 @	5350.00	45.59	-8.41	54.00	33.99	46.19	5.14	Average	0	0
6 @	5350.00	58.69	-15.31	74.00	33.99	46.19	5.14	Peak	0	0

Remark: The "X" represent a fundamental frequency.

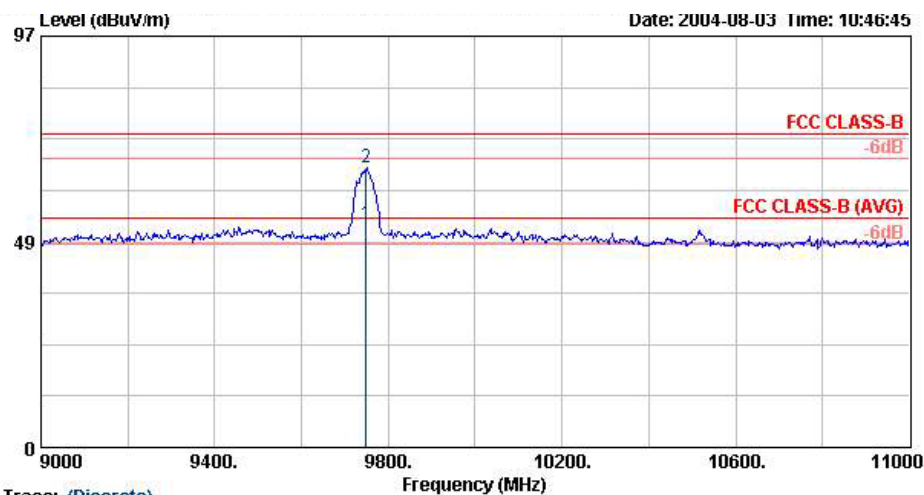
FCC TEST REPORT

Report No. :F471907



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 : 802.11a TX 5260MHz + 802.11g TX CH06

	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 @	7311.00	50.15	-3.85	54.00	35.51	46.24	6.21	Average	0	0
2 @	7311.00	62.15	-11.85	74.00	35.51	46.24	6.21	Peak	---	---



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 : 802.11a TX 5260MHz + 802.11g TX CH06

	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 @	9748.00	52.67	-1.33	54.00	38.26	44.45	7.91	Average	0	0
2 @	9748.00	65.98	-8.02	74.00	38.26	44.45	7.91	Peak	---	---

SPORTON International Inc.

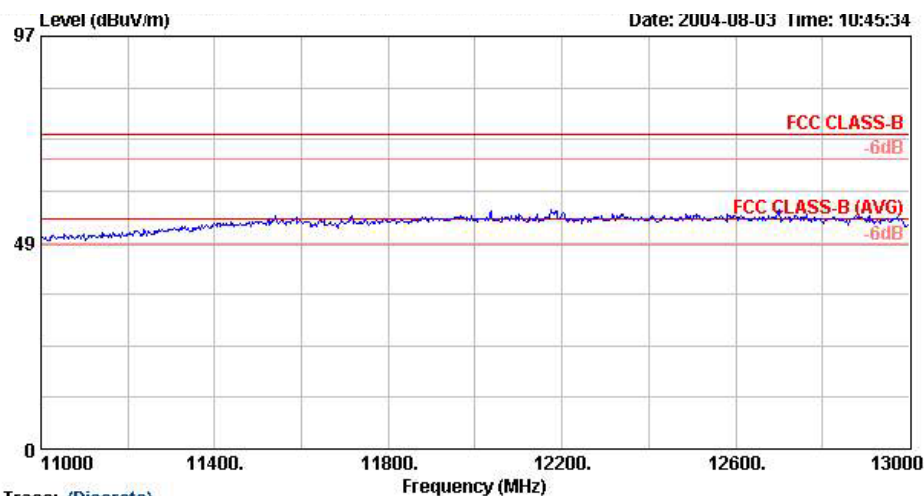
TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

FCC ID : H9PWSAP5100

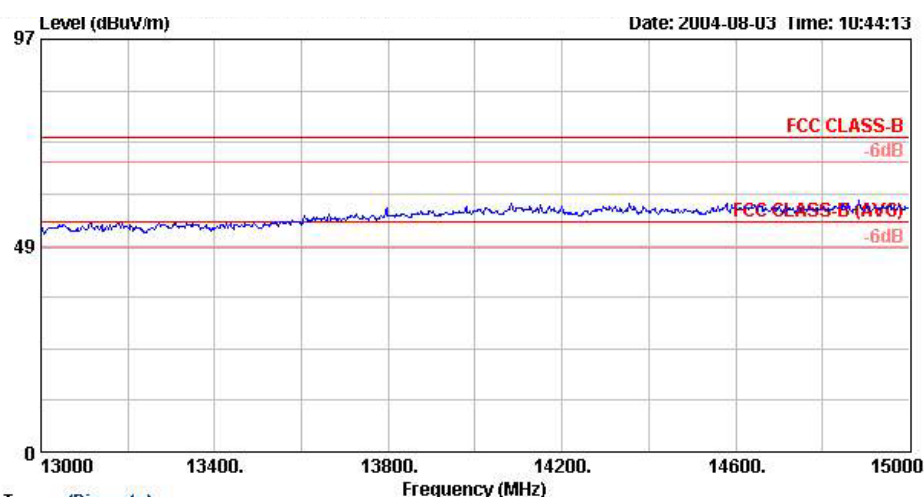
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Issued Date : Aug. 12, 2004



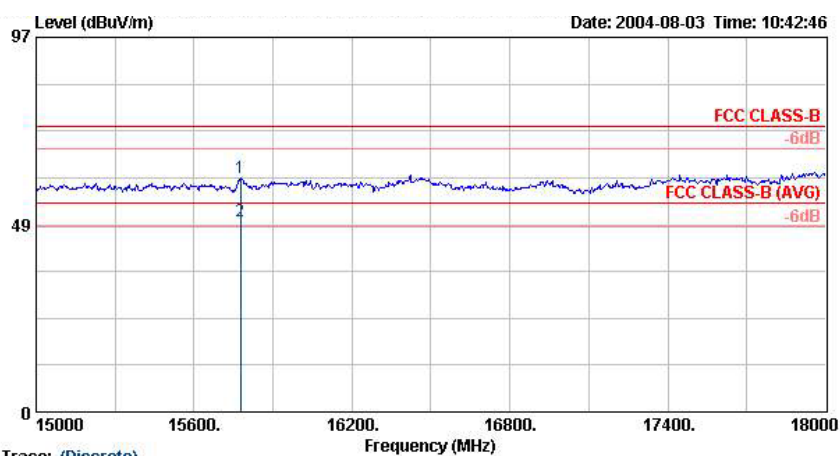
Trace: (Discrete)

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 : 802.11a TX 5260MHz + 802.11g TX CH06



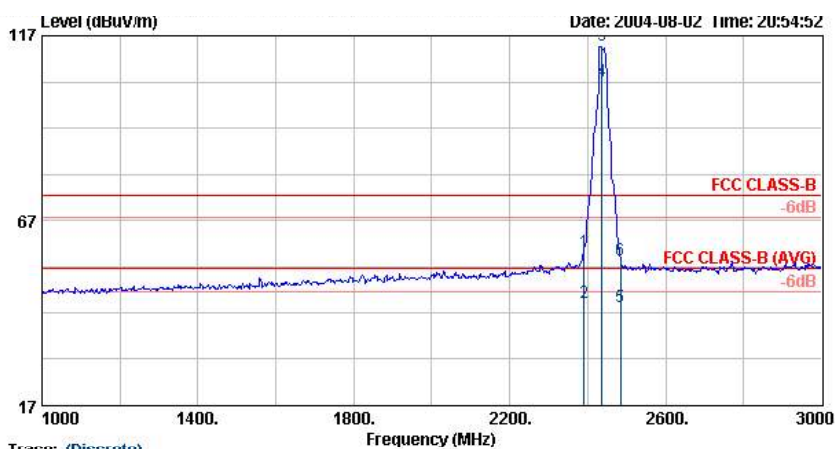
Trace: (Discrete)

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 : 802.11a TX 5260MHz + 802.11g TX CH06



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 : 802.11a TX 5260MHz + 802.11g TX CH06

	Freq	Level	Over	Limit	Antenna	Preamp	Cable		Ant	Table
	MHz	dBuV/m	dB	dBuV/m	Factor	Factor	Loss	Remark	Pos	Pos
									cm	deg
1 @	15777.00	60.56	-13.44	74.00	43.39	46.00	9.51	Peak	---	---
2 @	15777.00	49.41	-4.59	54.00	43.39	46.00	9.51	Average	---	---



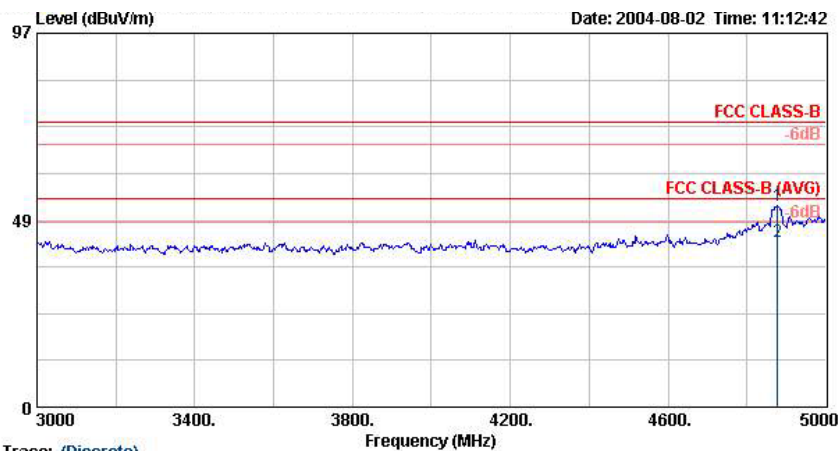
Site : 03CH06
 Condition : FCC CLASS-B 3m HF-HORN AH-118 VERTICAL
 EUT : 802.11a/b/g Access Point
 Power : AC 120V / 60Hz
 Model : WASP - 5110
 Memo : 802.11a TX 5260MHz + 802.11g TX CH06

	Freq	Level	Over	Limit	Antenna	Preamp	Cable		Ant	Table
	MHz	dBuV/m	dB	dBuV/m	Factor	Factor	Loss	Remark	Pos	Pos
									cm	deg
1 @	2390.00	58.47	-15.53	74.00	28.40	44.34	3.33	Peak	0	0
2 @	2390.00	44.95	-9.05	54.00	28.40	44.34	3.33	Average	0	0
3 @ X	2437.00	114.55			28.45	44.32	3.37	Peak	0	0
4 @ X	2437.00	104.72			28.45	44.32	3.37	Average	0	0
5 @	2483.50	43.70	-10.30	54.00	28.48	44.31	3.40	Average	0	0
6 @	2483.50	56.53	-17.47	74.00	28.48	44.31	3.40	Peak	0	0

Remark: The "X" represent a fundamental frequency.

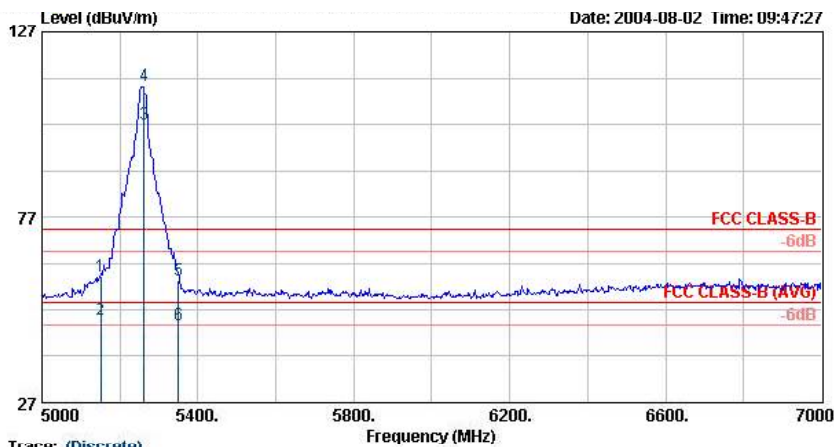
FCC TEST REPORT

Report No. :F471907



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 : 802.11a TX 5260MHz + 802.11g TX CH06

	Freq	Level	Over	Limit	Antenna	Preamp	Cable	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	dB/m	Factor	Loss		Pos	Pos
1 @	4878.00	52.39	-21.61	74.00	32.70	45.60	4.80	Peak	---	---
2 @	4878.00	42.94	-11.06	54.00	32.70	45.60	4.80	Average	---	---



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 : 802.11a TX 5260MHz + 802.11g TX CH06

	Freq	Level	Over	Limit	Antenna	Preamp	Cable	Remark	Ant	Table
	MHz	dBuV/m	dB	dBuV/m	dB/m	Factor	Loss		Pos	Pos
1 @	5150.00	61.19	-12.81	74.00	33.71	45.91	5.00	Peak	0	0
2 @	5150.00	49.45	-4.55	54.00	33.71	45.91	5.00	Average	0	0
3 @ X	5262.00	102.18			33.87	46.07	5.08	Average	0	0
4 @ X	5262.00	112.67			33.87	46.07	5.08	Peak	0	0
5 @	5350.00	59.95	-14.05	74.00	33.99	46.19	5.14	Peak	0	0
6 @	5350.00	47.88	-6.12	54.00	33.99	46.19	5.14	Average	0	0

Remark: The "X" represent a fundamental frequency.

SPORTON International Inc.

TEL : 886-2-2696-2468

FAX : 886-2-2696-2255

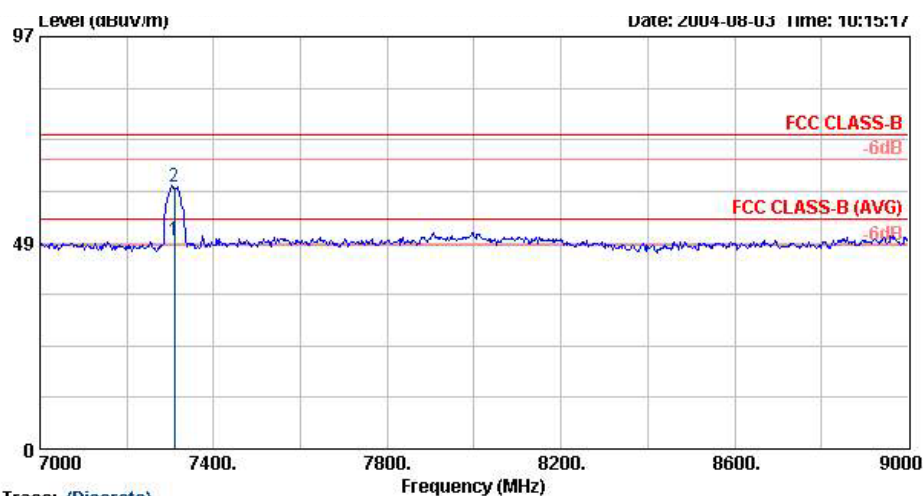
FCC ID : H9PWSAP5100

Page No. : 152 of 50

Issued Date : Aug. 12, 2004

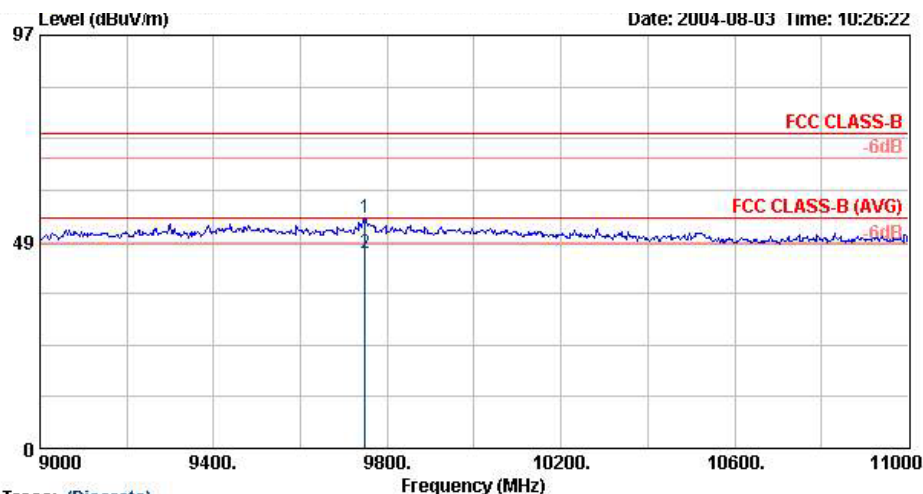
FCC TEST REPORT

Report No. :F471907



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 : 802.11a TX 5260MHz + 802.11g TX CH06

	Freq	Level	Over	Limit	Antenna	Preamp	Cable	Remark	Ant	Table
	MHz	dBuV/m	Limit	dB	Line	Factor	Loss		Pos	Pos
					Factor				cm	deg
1 @	7309.72	48.91	-5.09	54.00	35.51	46.24	6.21	Average	0	0
2 @	7309.72	61.59	-12.41	74.00	35.51	46.24	6.21	Peak	---	---



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 : 802.11a TX 5260MHz + 802.11g TX CH06

	Freq	Level	Over	Limit	Antenna	Preamp	Cable	Remark	Ant	Table
	MHz	dBuV/m	Limit	dB	Line	Factor	Loss		Pos	Pos
					Factor				cm	deg
1 @	9748.00	53.92	-20.08	74.00	38.26	44.45	7.91	Peak	---	---
2 @	9748.00	45.90	-8.10	54.00	38.26	44.45	7.91	Average	---	---

SPORTON International Inc.

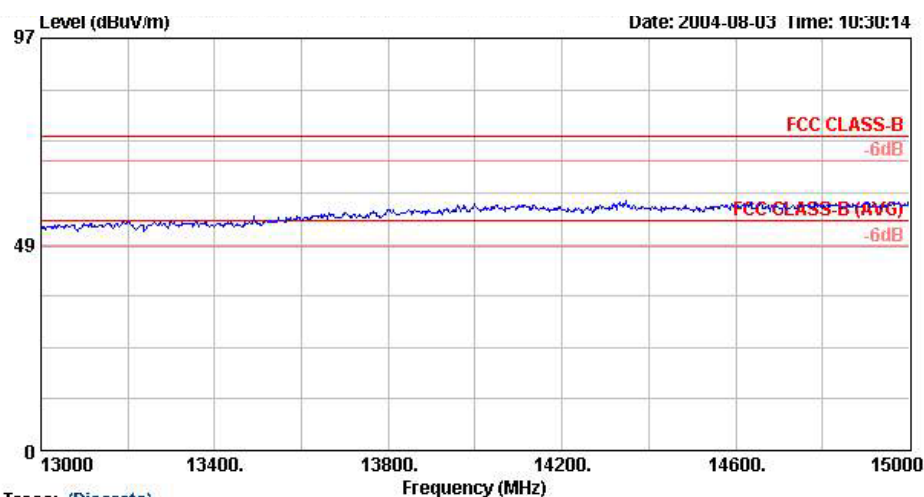
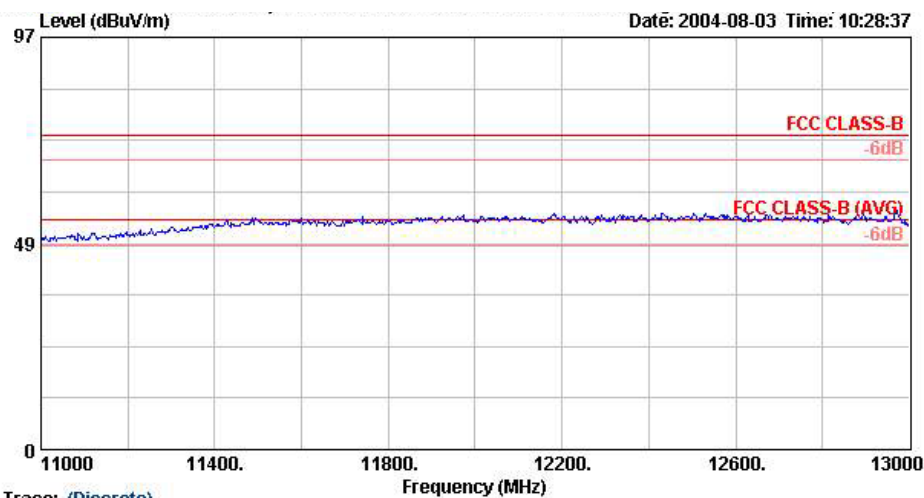
TEL : 886-2-2696-2468

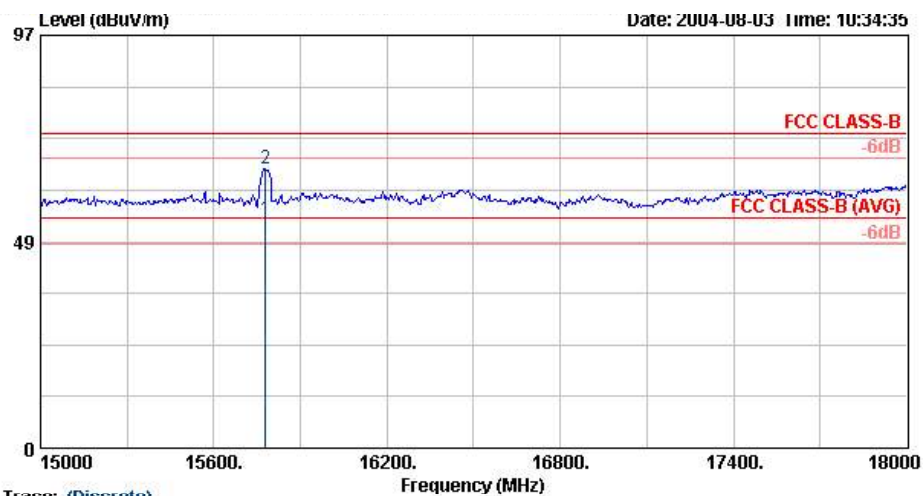
FAX : 886-2-2696-2255

FCC ID : H9PWSAP5100

Page No. : 153 of 50

Issued Date : Aug. 12, 2004





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 - S110
 Memo : 802.11a TX 5260MHz + 802.11g TX CH06

	Freq	Level	Over	Limit	Antenna	Preamp	Cable		Ant	Table
	MHz	dBuV/m	Limit	Line	Factor	Factor	Loss	Remark	Pos	Pos
			dB		dB/m		dB		cm	deg
1 @	15778.00	53.84	-0.16	54.00	43.39	46.00	9.51	Average	0	0
2 @	15778.00	65.66	-8.34	74.00	43.39	46.00	9.51	Peak	---	---

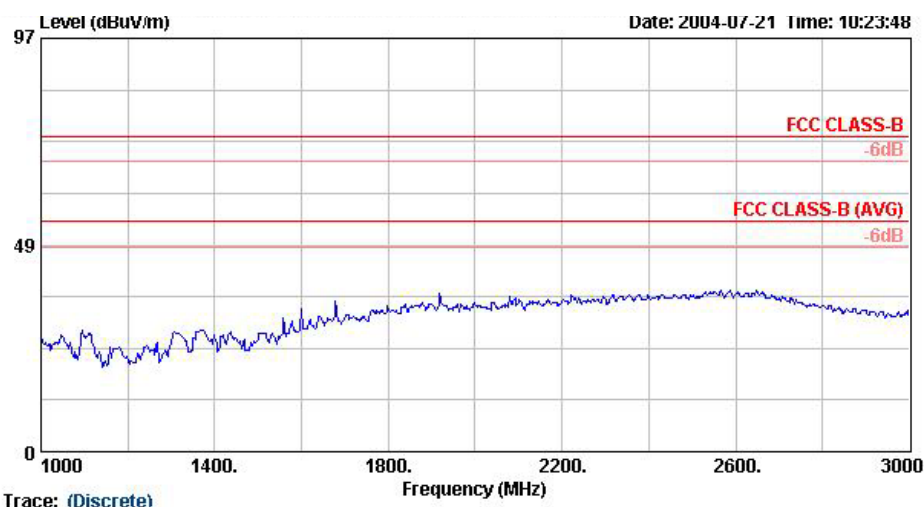
Remark:

Frequency from 18GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

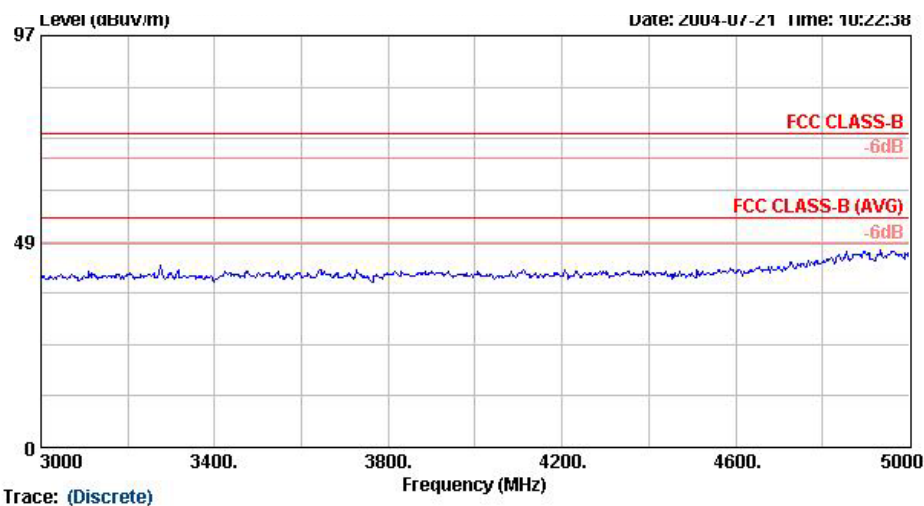
Test Mode: 802.11a TX 5745MHz

- 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.



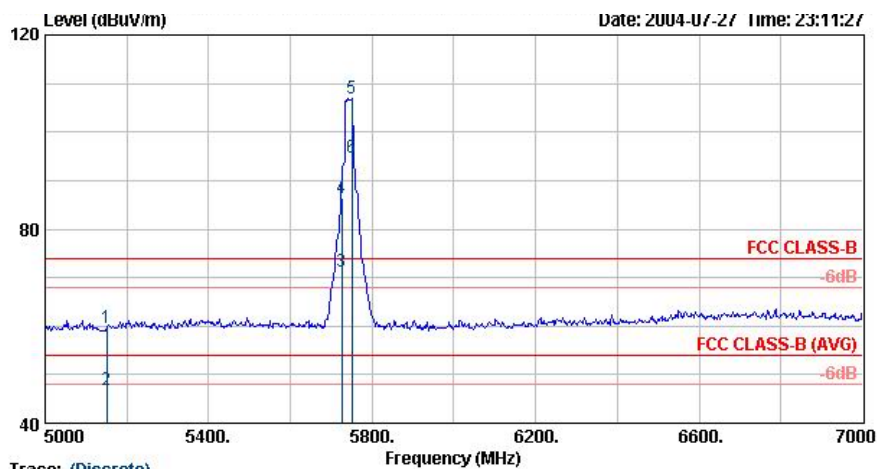
Site : 03CH06
Condition : FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL
EUT : 802.11a/b/g Access Point
Power : AC 120V / 60Hz
Model : WASP - 5110
Memo : 802.11a TX 5745MHz



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 : 802.11a TX 5745MHz

FCC TEST REPORT

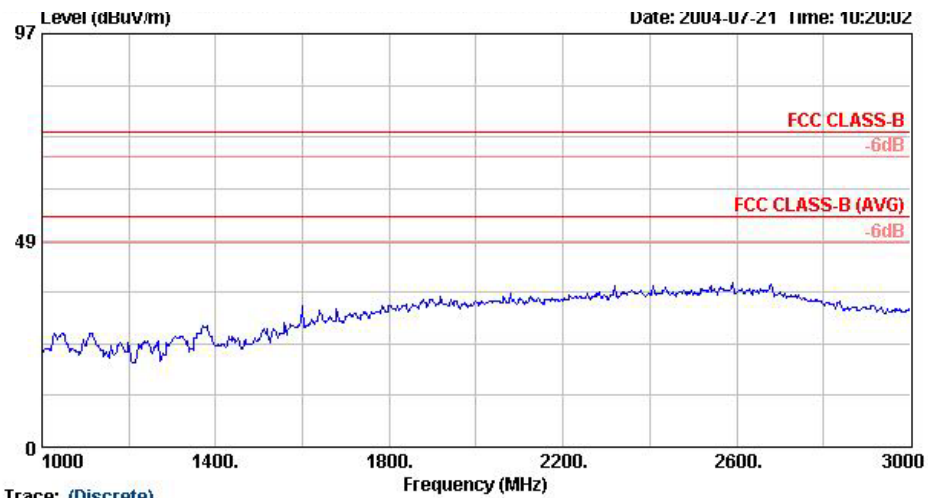
Report No. :F471907



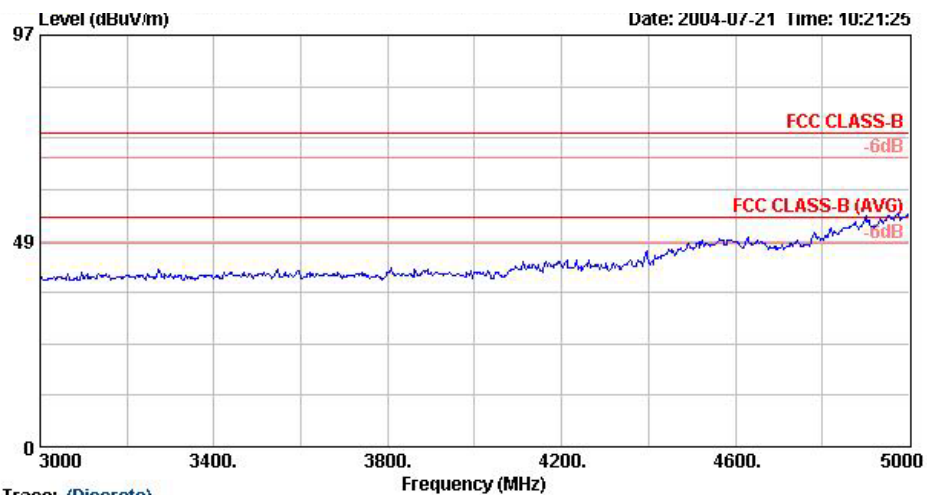
Site : 03CH06
 Condition : FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL
 EUT : 802.11a/b/g Access Point
 Power : AC 120V / 60Hz
 Model : WASP - 5110
 Memo : 802.11a TX 5745MHz

	Freq	Level	Over	Limit	Antenna	Preamp	Cable	Remark	Ant	Table
	MHz	dBuV/m	Limit	dB	Line	Factor	Loss		Pos	Pos
					Factor				cm	deg
1 @	5150.00	59.69	-14.31	74.00	33.71	45.91	5.00	Peak	---	---
2 @	5150.00	46.79	-7.21	54.00	33.71	45.91	5.00	Average	---	---
3 @ X	5725.00	71.37			33.89	46.62	5.40	Average	---	---
4 @ X	5725.00	86.27			33.89	46.62	5.40	Peak	---	---
5 @ X	5750.00	107.05			33.86	46.64	5.42	Peak	---	---
6 @ X	5750.00	94.68			33.86	46.64	5.42	Average	---	---

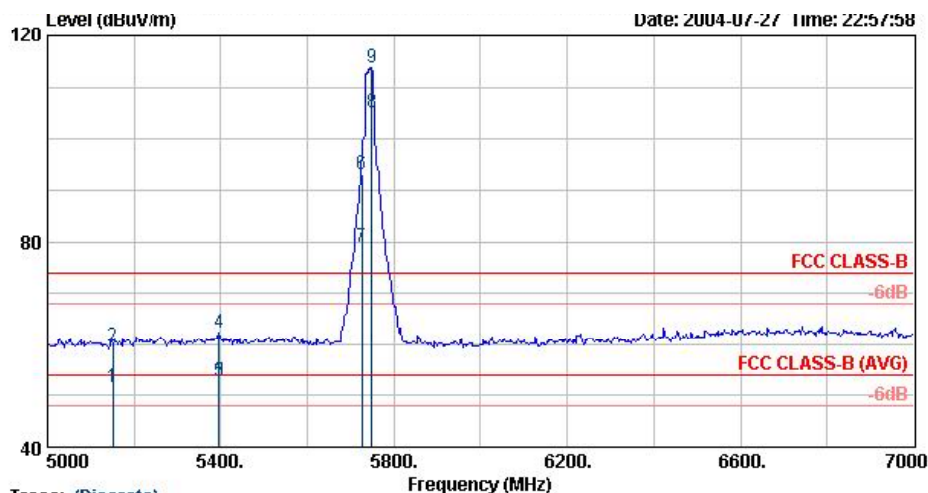
Remark: The "X" represent a fundamental frequency.



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 : 802.11a TX 5745MHz



Site : 03CH06
Condition : FCC CLASS-B 3m HF-HORN AH-118 VERTICAL
EUT : 802.11a/b/g Access Point
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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 : 802.11a TX 5745MHz

	Freq	Level	Over	Limit	Antenna	Preamp	Cable	Remark	Ant	Table
	MHz	dBuV/m	Limit	Line	Factor	Factor	Loss		Pos	Pos
			dB	dBuV/m	dB/m	dB	dB		cm	deg
1 @	5150.00	51.62	-2.38	54.00	33.71	45.91	5.00	Average	---	---
2 @	5150.00	59.59	-14.41	74.00	33.71	45.91	5.00	Peak	---	---
3 @	5396.00	52.79	-1.21	54.00	34.06	46.26	5.17	Average	---	---
4 @	5396.00	62.36	-11.64	74.00	34.06	46.26	5.17	Peak	---	---
5 @	5396.00	52.73	-1.27	54.00	34.06	46.26	5.17	Average	---	---
6 @X	5725.00	93.23			33.89	46.62	5.40	Peak	---	---
7 @X	5725.00	78.91			33.89	46.62	5.40	Average	---	---
8 @X	5748.00	105.14			33.86	46.64	5.42	Average	---	---
9 @X	5748.00	113.78			33.86	46.64	5.42	Peak	---	---

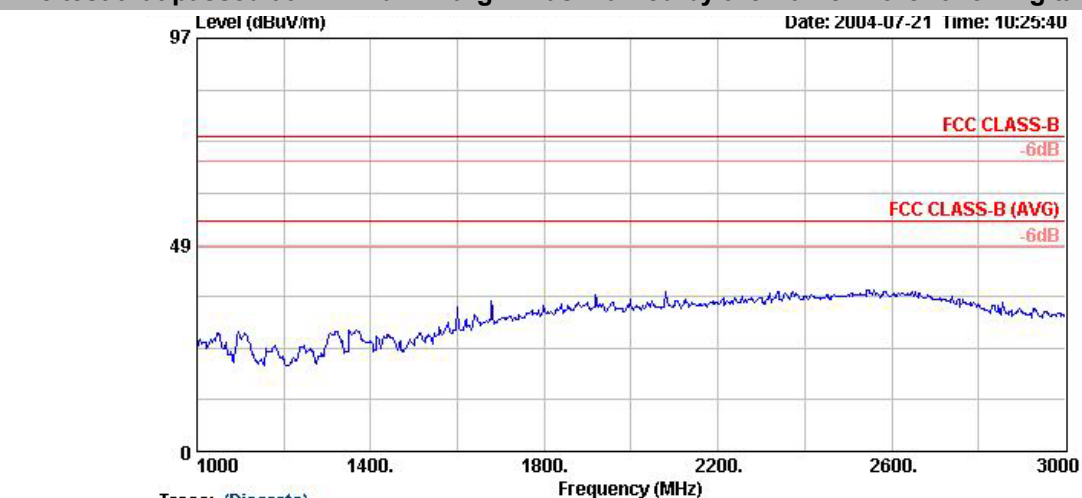
Remark: The "X" represent a fundamental frequency.

Frequency from 7GHz to 40GHz, the emission emitted by the EUT is too low to be measured.

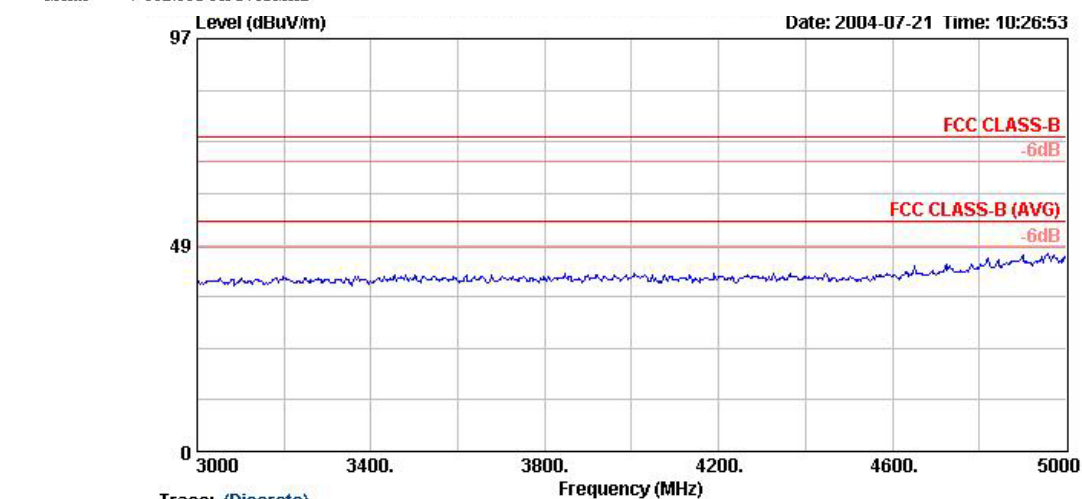
Test Mode: 802.11a TX 5785MHz

- 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

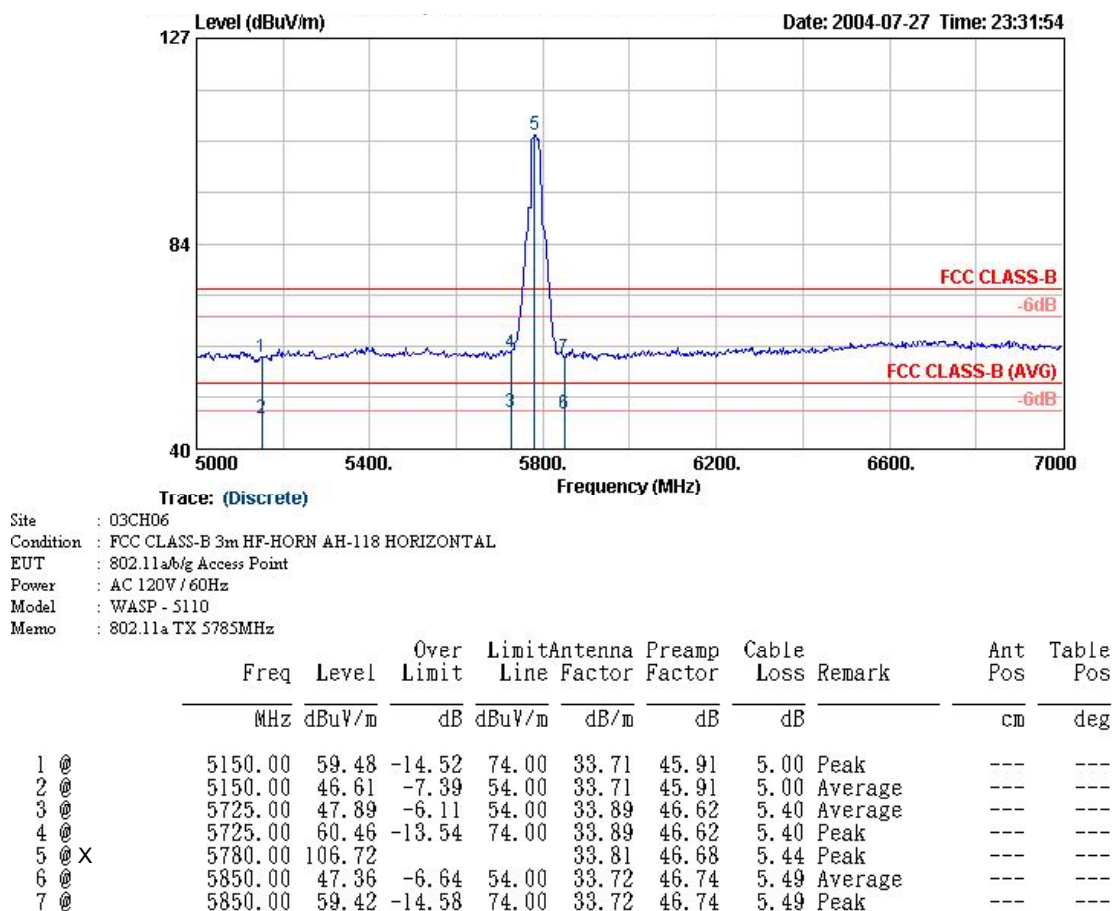
■ The test that passed at minimum margin was marked by the frame in the following table.



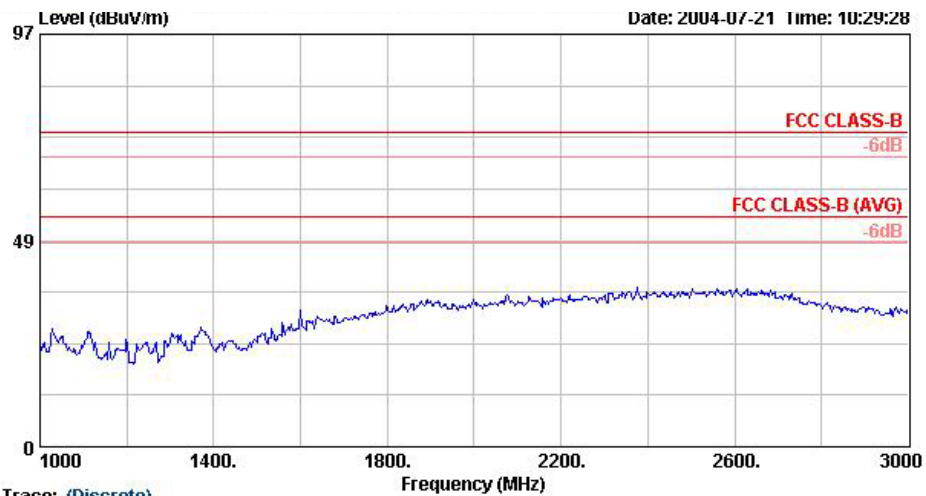
Site : 03CH06
Condition : FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL
EUT : 802.11a/b/g Access Point
Power : AC 120V / 60Hz
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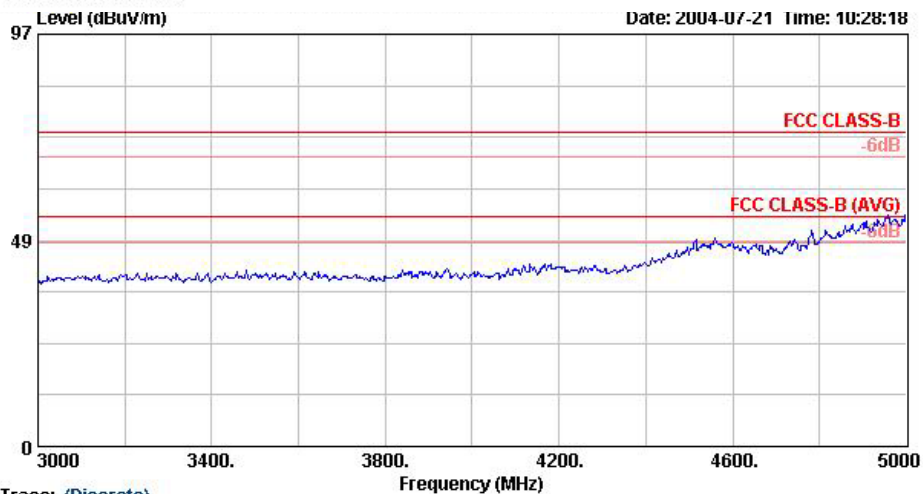
Site : 03CH06
Condition : FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL
EUT : 802.11a/b/g Access Point
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