

Trace: (Discrete)

Site : 03CH06
Condition : FCC CLASS-B 3m BI LOG 2004 0629 VERTICAL

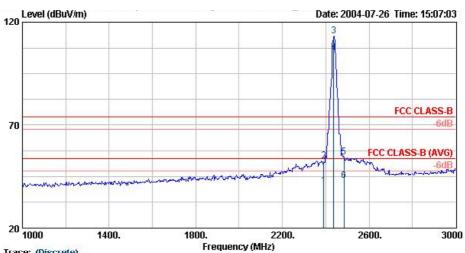
802.11a/b/g Access Point AC 120V / 60Hz WASP5100 EUT Power Model

802.11b TX CH06 2437MHz Memo

: Yagi Antenna , Gain:14.2dBi

	Freq					Preamp Factor		Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBu∛/m	dB/m	dB	dB	cm	deg
1						31.37	2.16		
2 3 @		33. 72 36. 66				$31.57 \\ 31.05$	2. 49 3. 08		

: H9PWSAP5100 FCC ID TEL: 886-2-2696-2468 : 223 of 50 Page No. FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004



Trace: (Discrete): 03CH06

Site

Condition : FCC CLASS-B 3m HF-HORN AH-118 VERTICAL

802.11a/b/g Access Point AC 120V / 60Hz WASP5100 802.11b TX CH06 2437MHz EUT Power

Model

Memo : Yagi Antenna , Gain:14.2dBi

	Freq	Level	Over Limit			Preamp Factor	Cable Loss	Remark	Ant Pos	Table Pos
	MHz	dBu∛/m	dB	dBu∛/m	dB/m	dB	dB		cn	deg
1 @ 2 @	2390.00 2390.00		-13.55 -21.27		28. 40 28. 40	44.34 44.34		Average Peak	0	0
3 @ X 4 @ X	2437.00 2437.00	113.44		11.00	28. 45 28. 45	44. 32 44. 32	3.37	Peak Average	0	0
5 @ 6 @	2483.50 2483.50	54.63	-19.37 -11.13	74.00 54.00	28. 48 28. 48	44.31 44.31	3.40	Peak Average	 n	

Remark: The "X" represent a fundamental frequency.

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

: H9PWSAP5100 FCC ID TEL: 886-2-2696-2468 Page No. : 224 of 50 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004

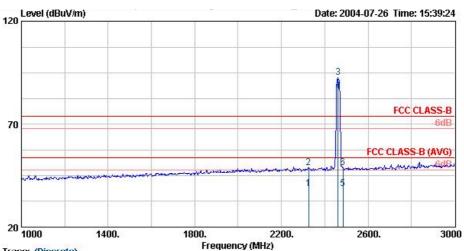
Test Mode: 802.11b TX CH11

 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.



Trace: (Discrete) 03CH06

Site Condition : FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL

802.11a/b/g Access Point EUT AC 120V / 60Hz Power Model WASP5100

802.11b TX CH11 2462MHz

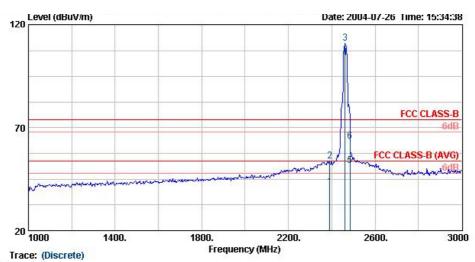
Yagi Antenna , Gain:14.2dBi

	Freq	Over Limit	Level			Preamp Factor		Remark	Ant Pos	Table Pos
	MHz	dB	dBu∀/m	dBu∛/m	dB/m	dB	dB		cm	deg
1	2326,00	-15, 56	38.44	54.00	28, 33	44.37	3, 27	Average	222	222
2	2326.00				28.33			Peak		
3 X	2462.00		92.96		28.47	44.32	3.36	Peak		
4 @ 5	2462.00		86.09		28.47	44.32	3.36	Average		
5	2483.50	-15.57	38.43	54.00	28.48	44.31	3.38	Average		
6	2483.50	-25.18	48, 82	74.00	28, 48	44.31		Peak		

Remark: The "X" represent a fundamental frequency.

SPORTON International Inc.

: H9PWSAP5100 FCC ID TEL: 886-2-2696-2468 Page No. : 225 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004



: 03CH06 Site

FCC CLASS-B 3m HF-HORN AH-118 VERTICAL Condition :

802.11a/b/g Access Point AC 120V / 60Hz EUT Power Model WASP5100

802.11b TX CH11 2462MHz Memo

Yagi Antenna , Gain:14.2dBi

. Tagi Amenna,	Jain.14.20	DI	0ver	LimitA	Intenna	Preamp	Cable		Ant	Table	
	Freq	Level		Line				Remark	Pos	Pos	
	MHz	dBu∛/m	dB	dBu∛/m	dB/m	dB	dB		сп	deg	
	390.00	41.00	-13.00	54.00	28.40	44.34	3.33	Average	0	0	
	390.00	53.75	-20.25	74.00	28.40	44.34		Peak	0	0	
	462.00	111.16			28.47	44.32		Peak			
4 @ X 2	462.00	104.01			28.47	44.32	3.38	Average	0	0	
5 @ 24	483.50	51.62	-2.38	54.00	28.48	44.31	3.40	Average	0	0	7
6 @ 2	183.50	63.67	-10.33	74.00	28.48	44.31	3.40	Peak	0	0	_

Remark:

The "X" represent a fundamental frequency.

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

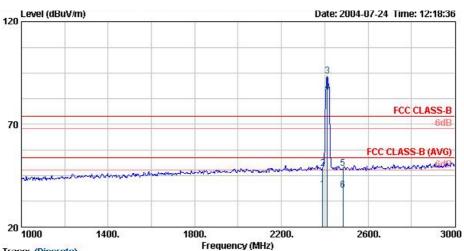
: H9PWSAP5100 FCC ID TEL: 886-2-2696-2468 Page No. : 226 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004

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.



Trace: (Discrete)

03CH06 Condition : FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL

802.11a/b/g Access Point AC 120V / 60Hz EUT Power Model WASP5100

Site

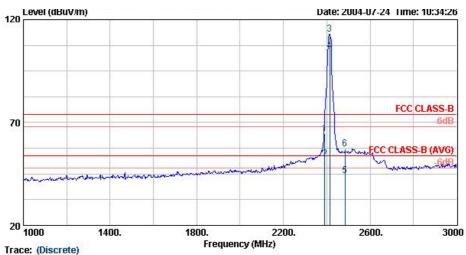
802.11g TX CH01 2412MHz Memo Yagi Antenna , Gain:14.2dBi

Freq	Level .	Over Limit			Preamp Factor	Cable Loss	Remark	Ant Pos	Table Pos
MHz	dBuV/m	dB	dBuV/m	dB/m	dB	dB		cm	deg
1 2390.00 2 2390.00 3 X 2411.24 4 X 2411.24 5 2483.50 6 2483.50	48.48 -	25. 29 25. 52	74.00 74.00	28. 40 28. 40 28. 41 28. 41 28. 48 28. 48	44.34 44.34 44.34 44.31	3, 33 3, 35 3, 35 3, 40	Average Peak Peak Average Peak Average	0 0 0 	0 0 0

Remark: The "X" represent a fundamental frequency.

SPORTON International Inc.

: H9PWSAP5100 FCC ID TEL: 886-2-2696-2468 Page No. : 227 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004



03CH06

Condition : FCC CLASS-B 3m HF-HORN AH-118 VERTICAL

802.11a/b/g Access Point AC 120V / 60Hz WASP5100 EUT Power Model

Memo 802.11g TX CH01 2412MHz

	. 1 46 111111111111, 0 11111 1 1 1 1 1		0ver	Limita	Antenna	Preamp	Cable		Ant	Table
	Freq	Level	Limit					Remark	Pos	Pos
	MHz	dBuV/m	dB	dBu∛/m	dB/m	dB	dB		сп	deg
1	2390.00	64.71	-9. 29	74.00	28.40	44.34	3.33	Peak	0	0
2 !	2390.00	52, 52	-1.48	54.00	28.40	44.34	3.33	Average	100	0
3 X	2413.32				28.41	44.34	3.35	Peak	0	0
4 @	2413.32	104.89			28.41	44.34	3.35	Average	0	0
5	2483.50			54.00	28.48	44.31		Average	0	0
6	2483, 50	57, 12	-16.88	74.00	28, 48	44.31		Peak	Û	Û

Remark: The "X" represent a fundamental frequency.

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

: H9PWSAP5100 FCC ID TEL: 886-2-2696-2468 Page No. : 228 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004

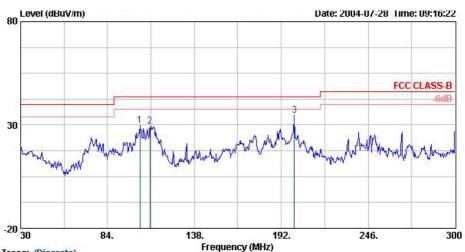
Test Mode: 802.11g TX CH06

 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.



Trace: (Discrete)

03CH06 Site

Condition : FCC CLASS-B 3m BI LOG 2004 0629 HORIZONTAL

802.11a/b/g Access Point AC 120V / 60Hz EUT Power WASP5100 Model

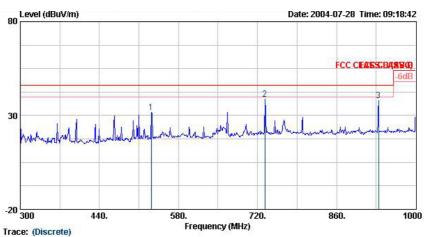
802.11g TX CH06 2437MHz Memo

Yagi Antenna , Gain:14.2dBi

	Freq	Level				Preamp Factor			Ant Pos	lable Pos
	MHz	dBu∛/m	——dB	dBu∛/m	_dB/m	dB	dB		cn	deg
1	104.25	29.67	-13.83	43.50	10.84	32, 23	0.90	Peak	222	2222
2	110.46	29.36	-14.14	43.50	11.50	32.09	0.93	Peak		
3 @	200.10	34 47	-9.03	43 50	8 70	32.05	1.24	Peak		

SPORTON International Inc.

: H9PWSAP5100 FCC ID TEL: 886-2-2696-2468 Page No. : 229 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004



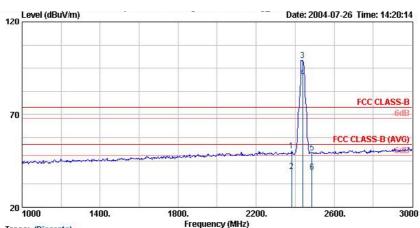
: 03CH06 Site FCC CLASS-B 3m BI LOG 2004 0629 HORIZONTAL

Condition EUT 802.11a/b/g Access Point AC 120V / 60Hz Model

WASP5100 802.11g TX CH06 2437MHz Memo

Yagi Antenna , Gain:14.2dBi

	Freq	Level				Preamp Factor		Remark	Ant Pos	Pos
	MHz	dBu∜/m	dB	dBu∛/m	dB/m	dB	dB		cn	deg
	531.70	31.70	-14.30	46.00	16.75	31.40	2.16	Peak		
; @	733.30	38.89	-7.11	46.00	19.60	31.38	2.60	Peak		
. @ . @	934.20	37.91	-8.09	46.00	20.76	31.05	3.08	Peak		



Trace: (Discrete)

Site FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL Condition

EUT Power 802.11a/b/g Access Point AC 120V / 60Hz Model WASP5100

802.11g TX CH06 2437MHz Memo

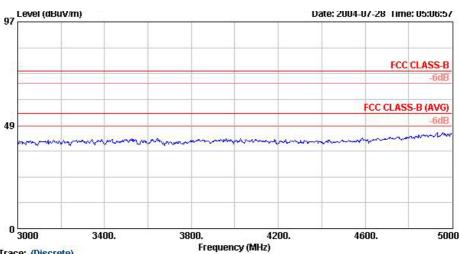
Yagi Antenna , Gain:14.2dBi

	Freq	Level	Over Limit			Preamp Factor		Remark	Ant Pos	Table Pos
	MHz	dBu∛/m	——dB	dBu∛/m	_dB/m	dB	dB		сл	deg
1 2	2382.00 2382.00		-23.36 -14.53		28. 38 28. 38			Peak Average		
3 X	2438.00 2438.00	99.00 89.78			28.45	44.32	3.37	Peak		
4 X 5	2486.00 2486.00		-24.51	74.00	28. 45 28. 48			Average Peak		
6	2486.00	39.12	-14.88	54.00	28.48	44.31	3.40	Average	3.3.3	

Remark: The "X" represent a fundamental frequency.

SPORTON International Inc.

: H9PWSAP5100 FCC ID TEL: 886-2-2696-2468 Page No. : 230 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004



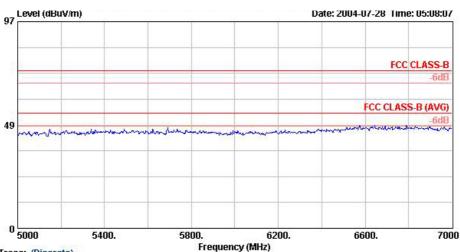
Trace: (Discrete)

Site : 03CH06

Condition : FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL

EUT 802.11a/b/g Access Point AC 120V/60Hz WASP5100 Power Model

: 802.11g TX CH06 2437MHz : Yagi Antenna, Gain:14.2dBi Memo



Trace: (Discrete)

: 03CH06 Site

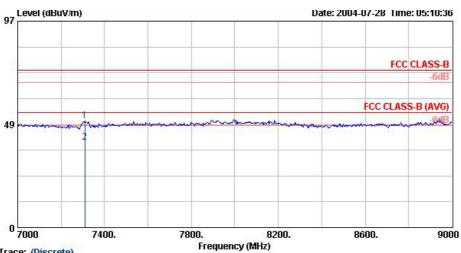
Condition : FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL

: 802.11a/b/g Access Point : AC 120V / 60Hz : WASP5100 EUT Power Model

: 802.11g TX CH06 2437MHz Memo

: Yagi Antenna , Gain:14.2dBi

: H9PWSAP5100 FCC ID TEL: 886-2-2696-2468 Page No. : 231 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004



Trace: (Discrete)

Site : 03CH06

2

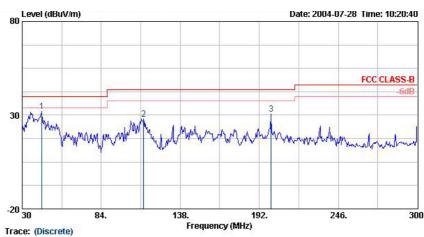
Condition : FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL

EUT 802.11a/b/g Access Point AC 120V/60Hz WASP5100 Power Model

802.11g TX CH06 2437MHz Memo

: Yagi Antenna , Gain:14.2dBi

Freq	Level				Preamp Factor			Ant Pos	Table Pos
MHz	dBu∜/m	dB	dBu∛/m	dB/m	dB	dB		сп	deg
					46.24		Peak Average	222	



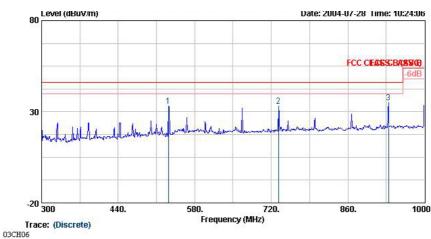
Site : 03CH06
Condition : FCC CLASS-B 3m BI LOG 2004 0629 VERTICAL

802.11a/b/g Access Point AC 120V / 60Hz WASP5100 EUT Power Model 802.11g TX CH06 2437MHz Yagi Antenna , Gain:14.2dBi Memo

Pos	Ant Pos			Preamp Factor				Level	Freq	
deg	ст		dB	dB	dB/m	dBu∛/m	dB	dBu∀/m	MHz	
			0.57					32.09	43.50	
			0.94 1.24					28.07 30.44	112.89	
		1 can	1. 47	00.00	0.10	TO. 50	10.00	00. 11	200.10	

SPORTON International Inc.

: H9PWSAP5100 FCC ID TEL: 886-2-2696-2468 Page No. : 232 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004



Site

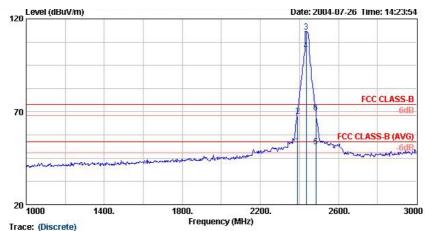
03-H06 FCC CLASS-B 3m BI LOG 2004 0629 VERTICAL 802.11ab/g Access Point AC 120V / 60Hz WASP5100 Condition EUT

Power Model

802.11g TX CH06 2437MHz

Yagi Antenna , Gain:14.2dBi

Freq	Level				Preamp Factor		Remark	Ant Pos	Table Pos
MHz	dBuV/m	dB	dBu∀/m	dB/m	dB	dB		сп	deg
					31.40	2.16			
733.30	33.14	-12.86	46.00	19.60	31.38	2.60	Peak		
934, 20	35.08	-10.92	46.00	20.76	31.05	3.08	Peak		



03CH06 FCC CLASS-B 3m HF-HORN AH-118 VERTICAL Site Condition

802.11ab/g Access Point AC 120V / 60Hz WASP5100 EUT Power Model

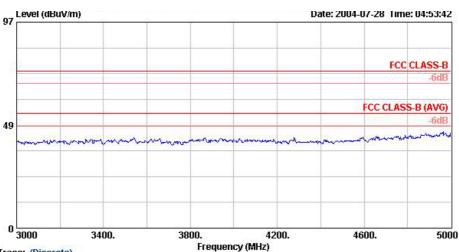
802.11g TX CH06 2437MHz Memo Yagi Antenna , Gain:14.2dBi

Freq	Level				Preamp Factor	Cable Loss	Remark	Ant Pos	Table Pos	
MHz	dBu¥/m	dB	dBu∛/m	dB/m	dB	dB		сп	deg	
1 [2390.00	51.73	-2.27	54.00	28.40	44.34	3. 33	Average	0	0	٦
2 2390.00	67.62	-6.38	74.00	28.40	44.34		Peak	0	0	-
3 X 2435.28				28.43	44.33		Peak	0	0	
4 X 2435.28	102.74			28.43	44.33	3.36	Average	0	0	
5 [2483.50	51.31	-2.69	54.00	28.48	44.31	3.40	Average	0	0	
6! 2483.50	69.62	-4.38	74.00	28.48	44.31	3.40	Peak	0	0	

Remark: The "X" represent a fundamental frequency.

SPORTON International Inc.

: H9PWSAP5100 FCC ID TEL: 886-2-2696-2468 Page No. : 233 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004



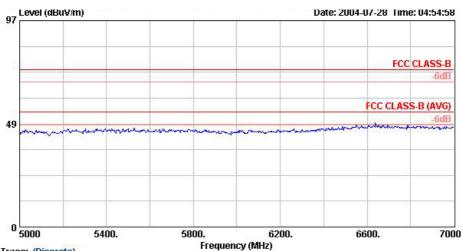
Trace: (Discrete)

Site : 03CH06

Condition : FCC CLASS-B 3m HF-HORN AH-118 VERTICAL

EUT 802.11a/b/g Access Point AC 120V / 60Hz Power Model : WASP5100

: 802.11g TX CH06 2437MHz Memo : Yagi Antenna , Gain:14.2dBi



Trace: (Discrete)

: 03CH06 Site Condition

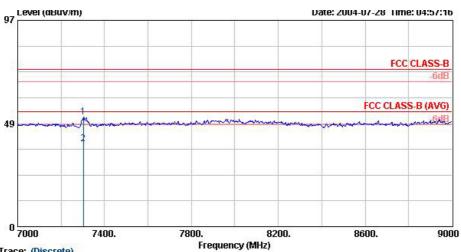
FCC CLASS-B 3m HF-HORN AH-118 VERTICAL

EUT 802.11a/b/g Access Point Power AC 120V / 60Hz Model WASP5100

802.11g TX CH06 2437MHz Memo

: Yagi Antenna , Gain:14.2dBi

: H9PWSAP5100 FCC ID TEL: 886-2-2696-2468 Page No. : 234 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004



Trace: (Discrete)

: 03CH06 Site

Condition : FCC CLASS-B 3m HF-HORN AH-118 VERTICAL

802.11a/b/g Access Point AC 120V / 60Hz EUT Power ModelWASP5100

: 802.11g TX CH06 2437MHz Memo : Yagi Antenna , Gain:14.2dBi

ter	nna , Gain:14.2d	Бі	Over	Limita	Intonno	Preamp	Coblo		Ant	Table
	Freq	Level	Limit	Line	Factor	Factor	Loss	Remark	Pos	Pos
	MHz	dBu∜/m	dB	dBu∛/m	dB/m	dB	dB		сп	deg
	7302.00								200	
	7302.00	38 79	-15 21	54 00	35 51	46 24	6 21	Average		

Remark:

Frequency from 9GHz to 25GHz, the emission emitted by the EUT is too low to be measured.

SPORTON International Inc.

: H9PWSAP5100 FCC ID TEL: 886-2-2696-2468 Page No. : 235 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004

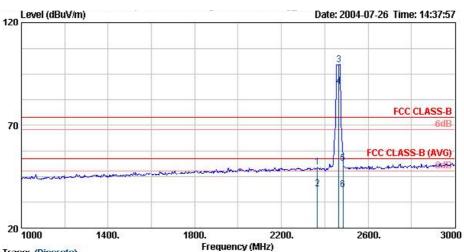
Test Mode: 802.11g 11b TX CH11

 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.



Trace: (Discrete) 03CH06

Site Condition : FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL

802.11a/b/g Access Point AC 120V / 60Hz EUT Power Model WASP5100

802.11g TX CH11 2462MHz Memo

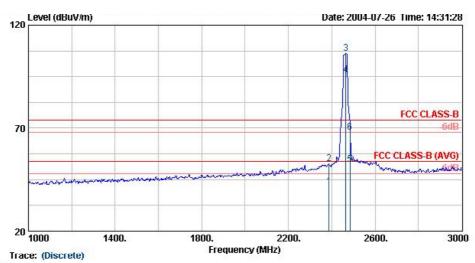
Yagi Antenna , Gain:14.2dBi

	Freq	Level	Over Limit			Preamp Factor	Cable Loss	Remark	Ant Pos	Table Pos
	MHz	dBu∛/m	dB	dBuV/m	dB/m	dB	dB		cn	deg
1	2366.00		-24.40		28.36		3.31	Peak		
2	2366.00	39.12	-14.88	54.00	28.36	44.36	3.31	Average		
3 X	2464.00	99.49			28.47	44.32	3, 38	Peak		
4 X	2464.00	89.15			28.47			Average		
5	2483.50		-22.23	74.00				Peak		
5	2483.50		-15.26		28. 48			Average		

Remark: The "X" represent a fundamental frequency.

SPORTON International Inc.

: H9PWSAP5100 FCC ID TEL: 886-2-2696-2468 Page No. : 236 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004



: 03CH06 Site

Condition : FCC CLASS-B 3m HF-HORN AH-118 VERTICAL

802.11a/b/g Access Point AC 120V / 60Hz EUT Power ModelWASP5100

: WASP5100 : 802.11g TX CH11 2462MHz : Yagi Antenna , Gain:14.2dBi Memo

	Freq	Over Limit	Level			Preamp Factor	Cable Loss	Remark	Ant Pos	Table Pos
	MHz	dB	dBu∛/m	dBu∛/m	dB/m	dB	dB		cm	deg
1 2 3 X 4 @	2388.00 2388.00 2464.00 2464.00		41. 48 52. 81 106. 08 95. 89	54.00 74.00	28. 40 28. 40 28. 47 28. 47	44.34 44.34 44.31 44.31	3.31 3.36	Average Peak Peak Average	0 	0 0
5 [2483.50 2483.50	-1.65 -6.19	52.35 67.81	54.00 74.00	28. 48 28. 48	44.31 44.31	3.38	Average Peak	0	0

Remark: The "X" represent a fundamental frequency.

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

: H9PWSAP5100 FCC ID TEL: 886-2-2696-2468 Page No. : 237 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004

7.4.6 Antenna 6

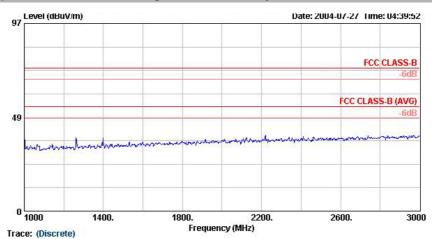
Test Mode: 802.11a TX 5745MHz

 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.

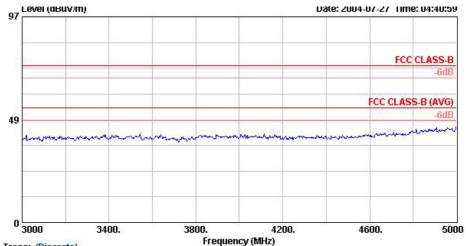


03CH06 Site Condition

FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL

EUT 802.11a/b/g Access Point AC 120v / 60Hz Power Model WASP5100 $802.11\mathtt{a}\,\mathrm{TX}\,5745\mathrm{MHz}$ Memo

Omni Directional Antenna Gain:2dBi



: H9PWSAP5100

FCC ID

Trace: (Discrete)

03CH06 Site

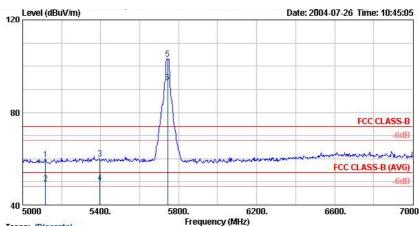
FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL Condition :

802.11a/b/g Access Point EUT AC 120v/60Hz Power Model WASP5100 Memo 802.11a TX 5745MHz

Omni Directional Antenna Gain:2dBi

SPORTON International Inc.

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Trace: (Discrete)
03CH06
FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL

Site Condition EUT 802.11a/b/g Access Point AC 120v / 60Hz Power WASP5100 802.11a TX 5745MHz Model Memo

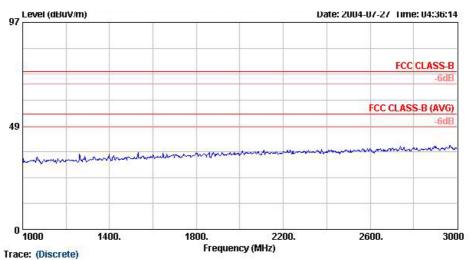
Omni Directional Antenna Gain:2dBi

	Freq	Level	Over Limit	LimitA Line		Preamp Factor	Cable Loss	Remark	Ant Pos	Table Pos
	MHz	dBu∛/m	——dB	dBu∀/m	dB/m	——dB	dB		ст	deg
	5118.00	59.49	-14.51	74.00	33, 66	45.86	4.98	Peak	222	
į	5118.00	49.15	-4.85	54.00	33.66	45.86	4.98	Average		
	5396.00	59, 79	-14.21	74.00	34.06	46.26	5, 17	Peak		
]	5396.00	49.48			34.06	46.26		Average		
X	5743.00				33.89	46.62		Peak		
X	5743.00	93.01			33.86	46.64		Average		

Remark:

123456

The "X" represent a fundamental frequency.



03CH06

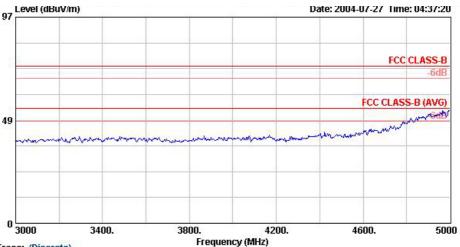
FCC CLASS-B 3m HF-HORN AH-118 VERTICAL Condition

802.11a/b/g Access Point AC 120v / 60Hz WASP5100 EUT Power Model 802.11a TX 5745MHz Memo

Omni Directional Antenna Gain:2dBi

SPORTON International Inc.

: H9PWSAP5100 FCC ID TEL: 886-2-2696-2468 Page No. : 239 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004



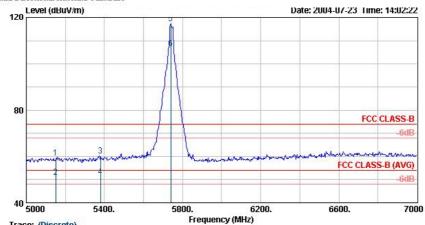
Trace: (Discrete)

Site : 03CH06

Condition : FCC CLASS-B 3m HF-HORN AH-118 VERTICAL

EUT 802.11a/b/g Access Point AC 120v / 60Hz WASP5100 Power Model 802.11a TX 5745MHz Memo

Omni Directional Antenna Gain:2dBi



Trace: (Discrete)

03CH06 FCC CLASS-B 3m HF-HORN AH-118 VERTICAL Condition

802.11a/b/g Access Point AC 120v / 60Hz WASP5100 802.11a TX 5745MHz EUT Power Model

	: Omni Directional Antenna	0ver	LimitAntenna Preamp			Cable		Ant	Table	
	Freq	Level						Remark	Pos	Pos
	MHz	dBu∛/m	dB	dBu∛/m	dB/m	dB	dB		сп	deg
1	5150.00		-14.62		33.71	45.91		Peak		
2!	5150.00 5380.00	51.15 60.23	-2.85	54.00 74.00	33.71 34.04	45.91 46.24		Average Peak		
4 !	5380.00	51.16	-2.84	54.00	34.04	46.24		Average	===	===
5 X					33.86	46.64	5.42	Peak		
6@	5740.00	106.55			33.86	46.64	5.42	Average	===	====

The "X" represent a fundamental frequency.

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

SPORTON International Inc.

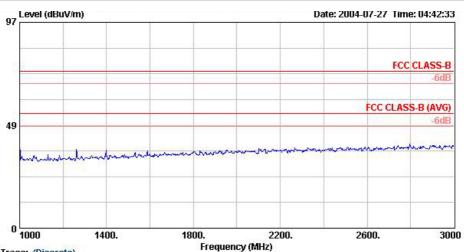
: H9PWSAP5100 FCC ID : 240 of 289 TEL: 886-2-2696-2468 Page No. FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004

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.



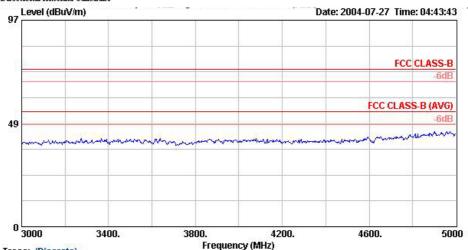
Trace: (Discrete)

03CH06 Site

Condition FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL

EUT 802.11a/b/g Access Point Power AC 120v / 60Hz WASP5100 Model 802.11a TX 5785MHz Memo

Omni Directional Antenna Gain:2dBi



Trace: (Discrete)

03CH06 Site

FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL Condition

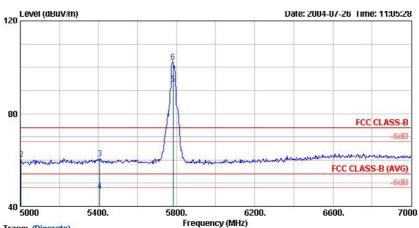
EUT 802.11a/b/g Access Point Power AC 120v / 60Hz WASP5100 Model 802.11a TX 5785MHz Memo

Omni Directional Antenna Gain:2dBi

SPORTON International Inc.

FCC ID TEL: 886-2-2696-2468 Page No. : 241 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004

: H9PWSAP5100



Trace: (Discrete)

Site

FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL Condition

802.11a/b/g Access Point AC 120v / 60Hz WASP5100 802.11a TX 5785MHz EUT Power Model Memo

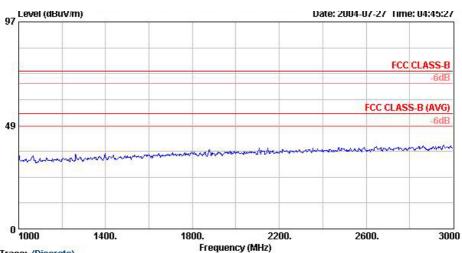
Onui Directional Antenna Gain:2dBi

	Freq	Level					Cable Loss	Remark	Ant Pos	Table Pos
	MHz	dBu∛/m	dB	dBu∛/m	dB/m	dB	dB		cn	deg
	5004.00	47.04	-6.96	54.00	33, 52	45.72	4.91	Average	1001001001	
	5004.00	60.24	-13.76	74.00	33.52	45.72		Peak		
	5406.00	60.53	-13.47	74.00	34.06	46.26	5.17	Peak		
	5406.00	46, 45	-7.55	54.00	34.06	46.26	5.17	Average		
X	5782.00	92.54			33.81	46.68		Average		
X X	5782.00	102.15			33.81	46.68		Peak		

Remark:

123456

The "X" represent a fundamental frequency.



Trace: (Discrete)

: 03CH06 Site

FCC CLASS-B 3m HF-HORN AH-118 VERTICAL Condition :

EUT 802.11a/b/g Access Point AC 120v / 60Hz Power Model WASP5100 $802.11\mathtt{a}\,\mathrm{TX}\,5785\mathrm{MHz}$ Memo

Omni Directional Antenna Gain:2dBi

SPORTON International Inc.

: H9PWSAP5100 FCC ID TEL: 886-2-2696-2468 Page No. : 242 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004