

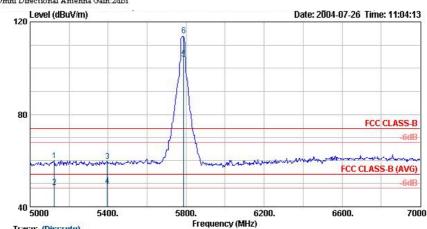
Trace: (Discrete)

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 5785MHz Memo

Omni Directional Antenna Gain:2dBi



Trace: (Discrete)

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

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

	: Omni Directional Antenna	Gain:2dBi	Over	Limit	Antonno	Preamp	Cable		An+	Table	
	Freq	Level						Remark	Ant Pos	Pos	
	MHz	dBu∛/m	dB	dBu∛/m	dB/m	dB	dB		cm	deg	
1	5124.00	59.84	-14.16	74.00	33, 69	45.89	4.99	Peak	272.2	222	
2!	5124.00			54.00				Average			
3	5396.00	59.68	-14.32	74.00	34.06	46.26	5.17	Peak			
4 [5396.00	48.84	-5.16	54.00	34.06	46.26	5.17	Average			٦
5 X	5788.00	104.04			33.79	46.69	5.45	Average		(70.70.70	_
6 X	5788.00	114.17			33.79	46, 69	5, 45	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.

: H9PWSAP5100

SPORTON International Inc.

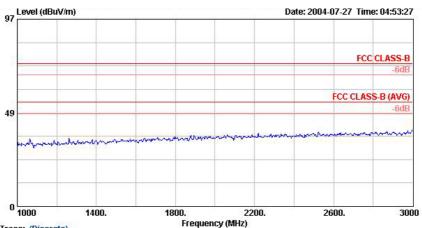
FCC ID TEL: 886-2-2696-2468 Page No. : 243 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004

Test Mode: 802.11a TX 5825MHz

 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.



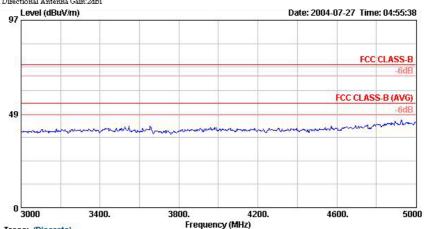
Trace: (Discrete)

03CH06 Site

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

802.11a/b/g Access Point AC 120v/60Hz Model WASP5100 : 802.11a TX 5825MHz Memo

: Omni Directional Antenna Gain:2dBi



Trace: (Discrete)

: 03CH06 Site

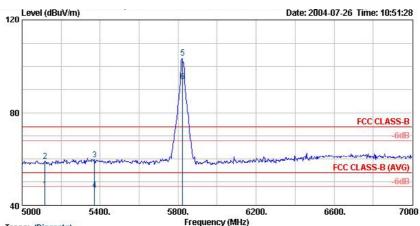
Condition FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL

802.11a/b/g Access Point AC 120v / 60Hz EUT Model WASP5100 : 802.11a TX 5825MHz Memo

: Omni Directional Antenna Gain:2dBi

SPORTON International Inc.

FCC ID TEL: 886-2-2696-2468 Page No. : 244 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 HORIZONTAL

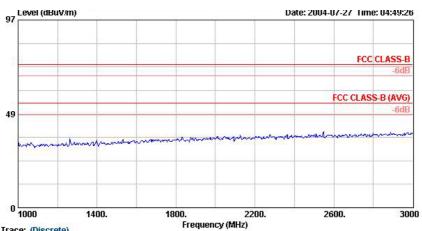
802.11a/b/g Access Point AC 120v / 60Hz EUT Power WASP5100 802.11a TX 5825MHz Memo

Omni Directional Antenna Gain:2dBi

	Freq	Level	Over Limit			Preamp Factor		Remark	Ant Pos	Table Pos
	MHz	dBu∜/m	dB	dBu¥/m	dB/m	dB	dB		cn	deg
1	5118.00	46.83	-7.17	54.00	33.66	45.86	4.98	Average	222	222
2	5118.00	59.16	-14.84	74.00	33, 66	45.86	4.98	Peak		
3	5372.00	59.70	-14.30	74.00	34.01	46, 21	5.15	Peak		
4	5372.00	46.69	-7.31	54.00	34.01	46.21	5.15	Average		
4 5 X	5822.00	103.60			33.74	46.73	5.48	Peak		
6 X	5822.00	93.50			33.74	46.73	5.48	Average		

Remark:

The "X" represent a fundamental frequency.



Trace: (Discrete): 03CH06

Site

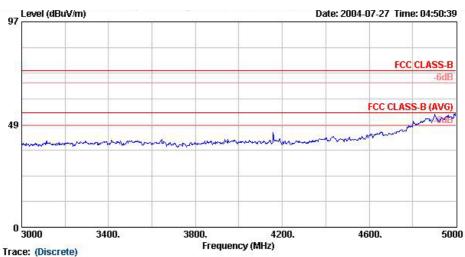
Condition FCC CLASS-B 3m HF-HORN AH-118 VERTICAL EUT

: FCC CLASS-B 3m In-Inc : 802.11ab/g Access Point : AC 120v / 60Hz : WASP5100 : 802.11a TX 5825MHz Power Model Memo

: Omni Directional Antenna Gain:2dBi

SPORTON International Inc.

: H9PWSAP5100 FCC ID TEL: 886-2-2696-2468 Page No. : 245 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004

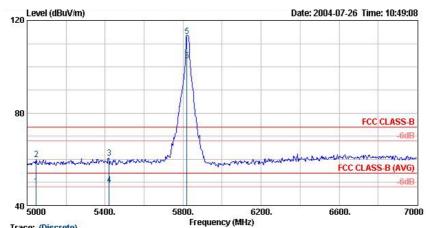


Site : 03CH06

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 5825MHz Memo

: Omni Directional Antenna Gain:2dBi



Trace: (Discrete)

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

802.11a/b/g Access Point AC 120v / 60Hz EUT Power Model WASP5100 802.11a TX 5825MHz Memo

Onni Directional Antenna Gain:2dBi

	Freq	Level	Over Limit			Preamp Factor	Cable Loss	Remark	Ant Pos	Table Pos
	MHz	dBu∛/m	dB	dBu∛/m	dB/m	dB	dB		СП	deg
1 !	5046.00 5046.00 5420.00	48. 21 59. 81 60. 58	-5. 79 -14. 19 -13. 42	54.00 74.00 74.00	33.57 33.57 34.08	45. 77 45. 77 46. 28	4.93	Average Peak Peak		
4 [5420.00	48.83	-13. 42 -5. 17	54.00	34.08	46.28		Average		
5 X 6 X		113.30			33. 74 33. 74	46. 73 46. 73	5.48	Peak Average		

Remark:

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 Page No. : 246 of 289 TEL: 886-2-2696-2468 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004

7.4.7 Antenna 7

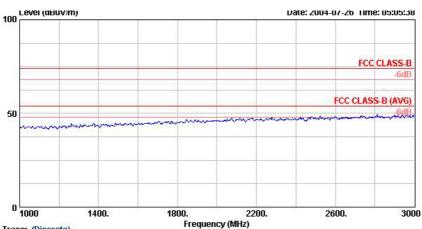
Test Mode: 802.11a TX 5745MHz

 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.

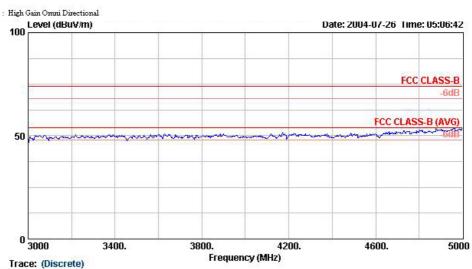


Trace: (Discrete) 03CH06

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

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

Site



: 03CH06 Site

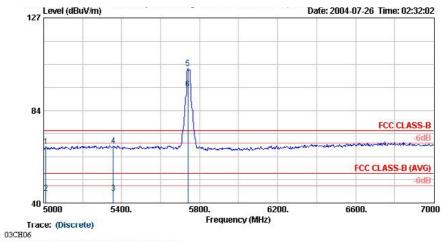
FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL Condition :

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

: High Gain Omni Directional

SPORTON International Inc.

FCC ID TEL: 886-2-2696-2468 Page No. : 247 of 289 Issued Date : Aug. 12, 2004 FAX: 886-2-2696-2255



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

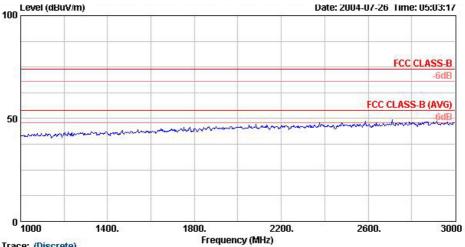
Site Condition EUT 802.11a/b/g Access Point
AC 120V / 60Hz
WASP5100
802.11a TX 5745MHz Power Model Memo

: High Gain Omni Directional

	Freq	Level	Over Limit			Preamp Factor		Remark	Ant Pos	Table Pos
	MHz	dBu∛/m	dB	dBu√/m	dB/m	dB	dB		cm	deg
(9 5012.00 9 5012.00 9 5358.00 9 5358.00 9 5740.00	66.53	-7.47	74.00	33, 52	45.72	4.91	Peak		
9	§ 5012.00	44.49	-9.51	54.00	33.52	45.72	4.91	Average		
} (5358.00	44.42	-9.58	54.00	33.99	46.19		Average		
Ŀ (5358.00	66.82	-7.18	74.00	33.99	46.19	5.14	Peak		
, (eX 5740.00	103.48			33.86	46.64	5.42	Peak	555	
; (êX 5740.00	93.78			33.86	46.64	5.42	Average		60.00

Remark:

The "X" represent a fundamental frequency.



Trace: (Discrete)

03CH06

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

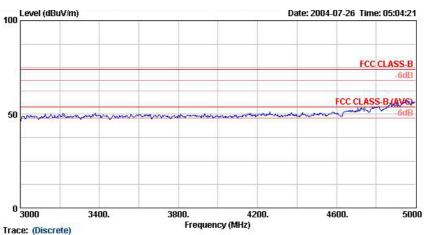
: 802.11a/b/g Access Point : AC 120V / 60Hz : WASP5100 EUT Power Model : 802.11a TX 5745MHz Memo

: High Gain Omni Directional

SPORTON International Inc.

TEL: 886-2-2696-2468 Page No. : 248 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004

: H9PWSAP5100



: 03CH06 Site

Site : USCHOO
Condition : FCC CLASS-B 3m HF-HORN AH-118 VERTICAL
EUT : 802.11ab/g Access Point
Power : AC 120V / 60Hz
Model : WASPS100 : 802.11a TX 5745MHz Memo

: High Gain Omni Directional 127 Level (dBuV/m) Date: 2004-07-26 Time: 02:29:10 84 FCC CLASS-B (AVG) 40 <u></u>5000 5400. 5800. 6200. 6600. 7000 Frequency (MHz)

Trace: (Discrete) 03CH06

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

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

: High Gain Omni Directional

: nigh Gain	Freq	Level	Over Limit		Antenna Factor	Preamp Factor	Cable Loss	Remark	Ant Pos	Table Pos
-	MHz	dBuV/m	dB	dBu∜/m	dB/m	dB	dB		сп	deg
1 @	5124.00	67.50	-6.50	74.00	33.69	45.89	4.99	Peak	===	===
2 @	5124.00	46.57	-7.43	54.00	33.69	45.89	4.99	Average		
3 @	5358.00	67.07	-6.93	74.00	33.99	46.19	5.14	Peak		
4 @	5358.00	46.39	-7.61	54.00	33.99	46.19		Average		
5 @ X		116.67			33.86	46.64	5.42			777
6 @ X	5742.00	106.48			33.86	46.64	5.42	Average	2000	

Remark:

Site

The "X" represent a fundamental frequency.

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

: H9PWSAP5100

SPORTON International Inc.

FCC ID : 249 of 289 TEL: 886-2-2696-2468 Page No. FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004

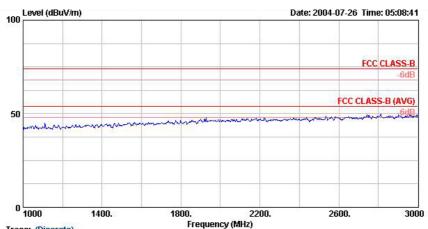
Test Mode: 802.11a TX 5785MHz

 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.



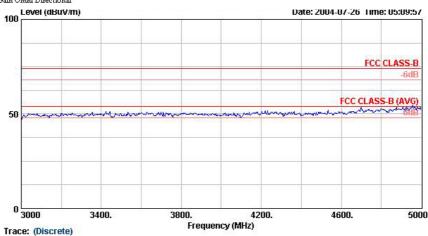
Trace: (Discrete)

03CH06 Site

FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL 802.11a/b/g Access Point Condition EUT

AC 120V/60Hz Model WASP5100 : 802.11a TX 5785MHz Memo

: High Gain Omni Directional



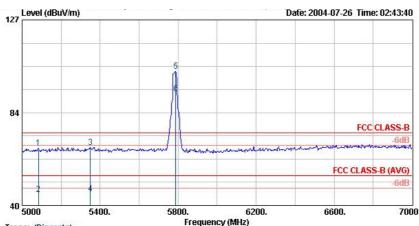
: 03CH06 : FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL Condition

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

: High Gain Omni Directional

SPORTON International Inc.

FCC ID TEL: 886-2-2696-2468 Page No. : 250 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 HORIZONTAL

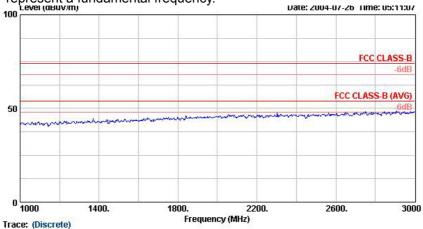
802.11a/b/g Access Point AC 120V / 60Hz EUT Power WASP5100 802.11a TX 5785MHz Memo

: High Gain Omni Directional

	Freq	Level	Over Limit			Preamp Factor	Cable Loss	Remark	Ant Pos	Table Pos
	MHz	$\overline{dBuV/m}$	dB	dBu√/m	dB/m	dB	dB		cm	deg
1 @ 2 @ 3 @ 4 @	5084.00	66, 85	-7.15	74.00	33, 62	45.82	4.96	Peak		
2 @	5084.00	45.24	-8.76	54.00	33.62	45.82	4.96	Average		
3 @	5350.00	67.15	-6.85	74.00	33.99	46.19	5.14	Peak		
4 @	5350.00	45.48	-8.52	54.00	33.99	46.19	5.14	Average		
5 @ X	5788.00	102.99			33.79	46.69		Peak		
6 @ X	5788.00	92.45			33.79	46.69	5.45	Average		= = =

Remark:

The "X" represent a fundamental frequency.



Site Condition

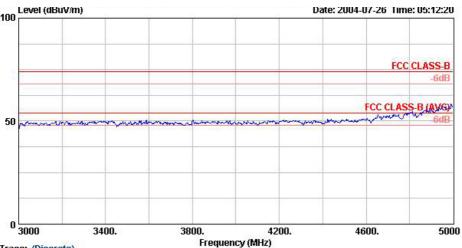
: 03CH06 : FCC CLASS-B 3m HF-HORN AH-118 VERTICAL

802.11ab/g Access Point AC 120V / 60Hz WASP5100 EUT Power Model 802.11a TX 5785MHz Memo : High Gain Omni Directional

SPORTON International Inc.

TEL: 886-2-2696-2468 Page No. : 251 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004

: H9PWSAP5100



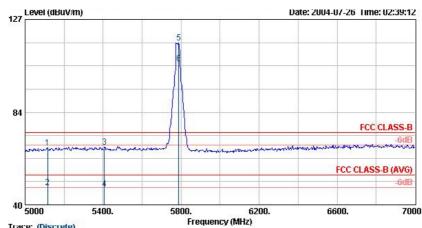
Trace: (Discrete)

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 5785MHz Memo

: High Gain Omni Directional



Trace: (Discrete)

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

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

: High Gain Omni Directional

	Freq	Level	Over Limit			Preamp Factor	Cable Loss	Remark	Ant Pos	Table Pos
	MHz	dBu∜/m	dB	$\overline{\text{dBuV/m}}$	dB/m	₫B	dB		сп	deg
1 @	5116.00	66.91	-7.09	74.00	33.66	45.86	4.98	Peak		
2 @ 3 @	5116.00	48.12	-5.88	54.00	33.66	45.86	4.98	Average		
3 @	5406.00	67.11	-6.89	74.00	34.06	46.26	5.17	Peak		
4 @	5406.00	47.45	-6.55	54.00	34.06	46.26	5.17	Average		
5 @ X	5788.00	116.13			33. 79	46.69	5.45	Peak	555	555
6 @ X	5788.00	106.15			33.79	46.69	5.45	Average		(8)(8)(8)

Remark:

The "X" represent a fundamental frequency.

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

: H9PWSAP5100

SPORTON International Inc.

FCC ID : 252 of 289 TEL: 886-2-2696-2468 Page No. FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004

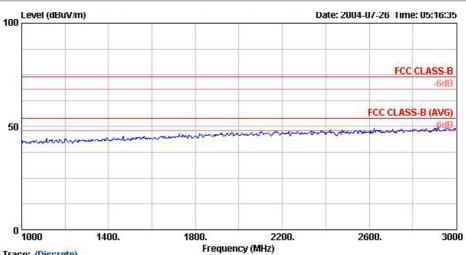
Test Mode: 802.11a TX 5825MHz

 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.

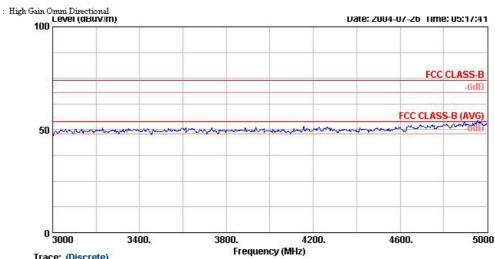


Trace: (Discrete)

Site : 03CH06

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

EUT 802.11a/b/g Access Point Power ${\tt AC\,120V/60Hz}$ Model WASP5100 : 802.11a TX 5825MHz Memo



Trace: (Discrete)

03CH06 Site

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

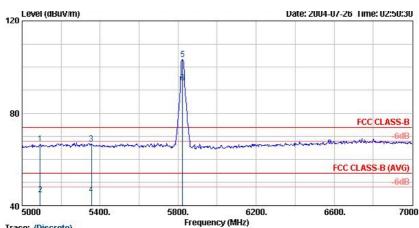
EUT 802.11a/b/g Access Point Power AC 120V/60Hz Model WASPSION 802.11a TX 5825MHz Memo

: High Gain Omni Directional

SPORTON International Inc.

TEL: 886-2-2696-2468 Page No. : 253 of 289 Issued Date : Aug. 12, 2004 FAX: 886-2-2696-2255

: H9PWSAP5100



Trace: (Discrete)

03CH06 Site

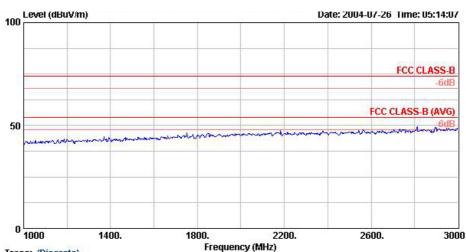
usu-hu6 FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL 802.11ab/g Access Point AC 120V / 60Hz WASP5100 Condition EUT Power Model Memo 802.11a TX 5825MHz

: High Gain Omni Directional

	Freq	Level	Over Limit			Preamp Factor	Cable Loss	Remark	Ant Pos	Table Pos
	MHz	$\overline{\text{dBuV/m}}$	dB	$\overline{\text{dBuV/m}}$	dB/m	dB	dB		CID	deg
1 @	5092.00	66.64	-7.36	74.00	33.64	45.84	4.97	Peak		
1 @ 2 @ 3 @ 4 @	5092.00	44.77	-9.23	54.00	33.64	45.84	4.97	Average		
2 @ 3 @	5356.00	66.83	-7.17	74.00	33.99	46.19	5.14	Peak		
4 @	5356.00	44.81	-9.19	54.00	33.99	46.19	5.14	Average		
5 @ X	5822.00	103.36			33.74	46.73		Peak		
6 @ X	5822.00	93.15			33.74	46.73	5.48	Average		33.3

Remark:

The "X" represent a fundamental frequency.



Trace: (Discrete)

: 03CH06

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

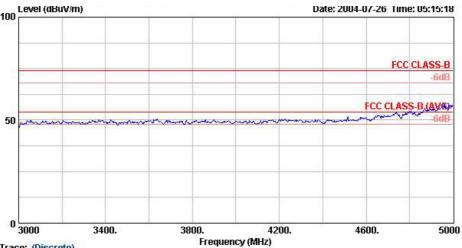
802.11a/b/g Access Point AC 120V / 60Hz WASP5100 EUT Power Model : 802.11a TX 5825MHz Memo

: High Gain Omni Directional

SPORTON International Inc.

TEL: 886-2-2696-2468 Page No. : 254 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004

: H9PWSAP5100

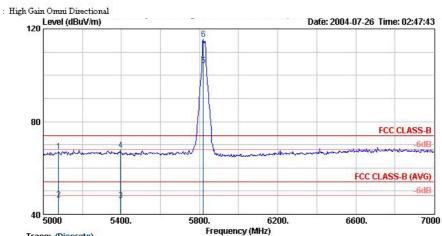


Trace: (Discrete)

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 5825MHz Memo



Trace: (Discrete)

FCC CLASS-B 3m HF-HORN AH-118 VERTICAL 802.11a/b/g Access Point Condition

EUT Power Model AC 120V / 60Hz WASP5100 802.11a TX 5825MHz

: High Gain Omni Directional

	Freq	Level	Over Limit			Preamp Factor	Cable Loss	Remark	Ant Pos	Table Pos
-	MHz	dBu∛/m	dB	dBu∛/m	dB/m	dB	dB		ст	deg
1 @	5078.00	67.08	-6.92	74.00	33.62	45.82	4.96	Peak		
2 @	5078.00	46.21	-7.79	54.00	33.62	45.82	4.96	Average		
3 @	5396.00	45.97	-8.03	54.00	34.06	46.26	5.17	Average		
4 @	5396.00	67.60	-6.40	74.00	34.06	46.26	5.17	Peak		
5 @ X	5820.00	104.12			33.74	46.73	5.48	Average	555	555
6 @ X	5820.00	115.60			33.74	46.73	5.48	Peak	(6)(6)(6)	2.2.2

Remark:

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

7.4.8 Antenna 8

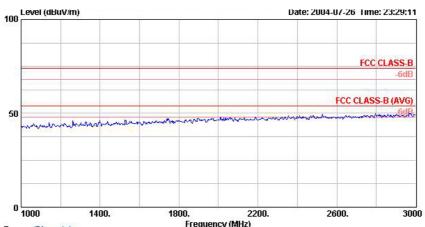
Test Mode: 802.11a TX 5745MHz

• 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

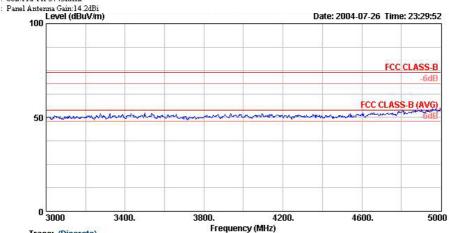
The test that passed at minimum margin was marked by the frame in the following table.



Trace: (Discrete)

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

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



Trace: (Discrete) 03CH06

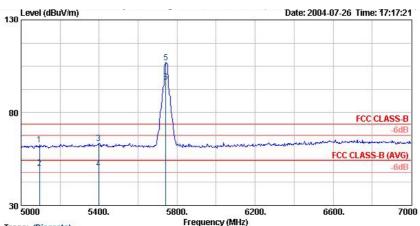
Condition EUT FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL

802.11a/b/g Access Point AC 120v / 60Hz Model WASPS100 802.11a TX 5745MHz Memo Panel Antenna Gain:14.2dBi

SPORTON International Inc.

Site

FCC ID TEL: 886-2-2696-2468 Page No. : 256 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004



Trace: (Discrete)

03CH06 Site Condition

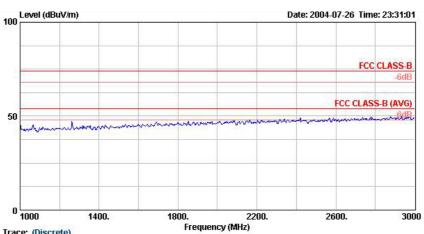
FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL

802.11a/b/g Access Point AC 120v / 60Hz EUT Power WASP5100 802.11a TX 5745MHz Memo Panel 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 @ 3 @ 4 @ 5 @ X	5094.00	62.54	-11.46	74.00	33.64	45.84	4.97	Peak		
2 @	5094.00	49.92	-4.08	54.00	33.64	45.84	4.97	Average		
3 @	5398.00	63.41	-10.59	74.00	34.06	46.26	5.17	Peak		
4 @	5398.00	49.54	-4.46		34.06		5.17	Average		
5 @ X					33, 86			Peak		
6 @X	5742.00	96.54			33.86			Average		

Remark:

The "X" represent a fundamental frequency.



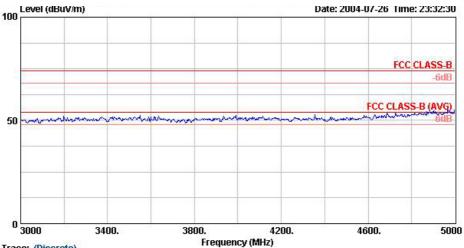
Trace: (Discrete)

Condition :

: 03CH06
: FCC CLASS-B 3m HF-HORN AH-118 VERTICAL
: 802.11ab/g Access Point
: AC 120v / 60Hz
: WASP5100 EUT Power Model 802.11a TX 5745MHz : Panel Antenna Gain:14.2dBi

SPORTON International Inc.

: H9PWSAP5100 FCC ID TEL: 886-2-2696-2468 Page No. : 257 of 289 FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004

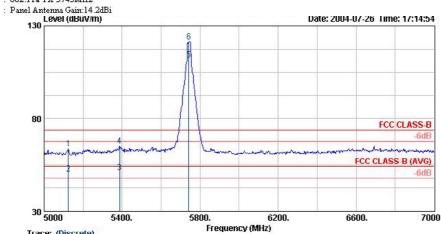


Trace: (Discrete)

: 03CH06 Site

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

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



Trace: (Discrete)

: 03CH06 : PCC CLASS-B 3m HF-HORN AH-118 VERTICAL : 802.11a/b/g Access Point : AC 120v/60Hz Condition

EUT Power Model WASP5100 802.11a TX 5745MHz Panel Antenna Gain:14.2dBi

. Taket Att	Freq		Over Limit		Antenna Factor		Cable Loss	Remark	Ant Pos	Table Pos
	MHz	dBu∛/m	dB	dBu¥/m	dB/m	dB	dB		сп	deg
1 @ 2 @	5124.00 5124.00		-10.18 -3.85		33, 69 33, 69	45.89 45.89		Peak Average	222	222
3 @	5388.00	50.87	-3.13	54.00	34.04	46.24		Average		
4 @ 5 @ X	5388.00	65.31	-8.69	74.00	34.04	46.24	5.16	Peak		
5 @ X	5742.00		08310.002.00		33.86	46.64	5.42	Average		
6 @ X	5742.00	121.49			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.

: H9PWSAP5100

SPORTON International Inc.

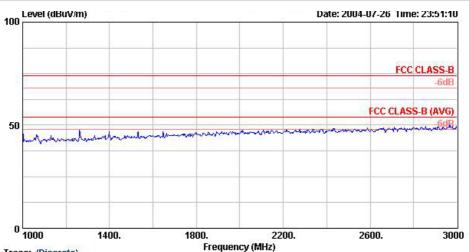
FCC ID : 258 of 289 TEL: 886-2-2696-2468 Page No. FAX: 886-2-2696-2255 Issued Date : Aug. 12, 2004

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.

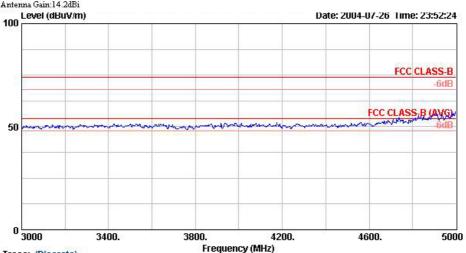


Trace: (Discrete)

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 Panel Antenna Gain:14.2dBi



Trace: (Discrete)

03CH06 Site

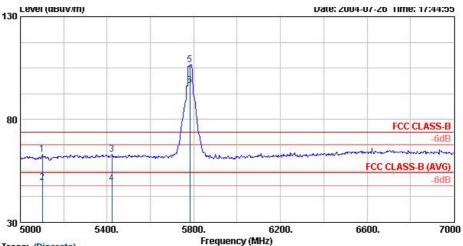
Condition FCC CLASS-B 3m HF-HORN AH-118 HORIZONTAL

EUT 802.11a/b/g Access Point Power AC 120v/60Hz WASP5100 Model 802.11a TX 5785MHz Memo Panel Antenna Gain:14.2dBi

SPORTON International Inc.

TEL: 886-2-2696-2468 Page No. : 259 of 289 Issued Date : Aug. 12, 2004 FAX: 886-2-2696-2255

: H9PWSAP5100



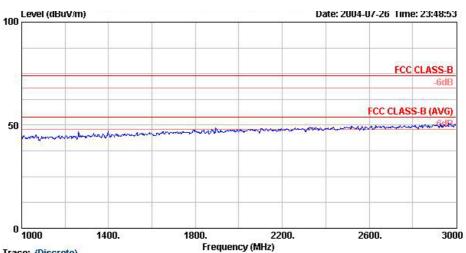
Trace: (Discrete)

Model WASP5100 Memo 802.11a TX 5785MHz : Panel Antenna Gain:14.2dBi

	Freq	Level	Over Limit			Preamp Factor	Cable Loss	Remark	Ant Pos	Table Pos
	MHz	dBuV/m	dB	dBu∛/m	dB/m	dB	dB		cn	deg
1 @	5102.00		-10.86		33.64	45.84		Peak	222	222
1 @ 2 @ 3 @ 4 @ 5 @ X	5102.00 5422.00	63.11	-10.89	74.00	33.64 34.08	46.28	5.19	Average Peak		===
4 @ 5 @ X	5422.00 5782.00		-4.88	54.00	34.08 33.81	46. 28 46. 68		Average Peak	===	555
š @X	5782.00				33.81	46.68		Average		

Remark:

The "X" represent a fundamental frequency.



Trace: (Discrete)

: 03CH06 Site

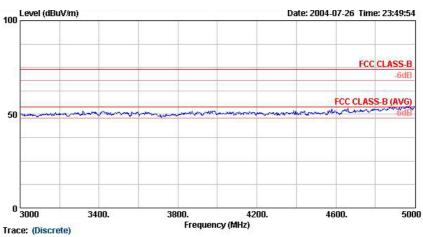
Condition : FCC CLASS-B 3m HF-HORN AH-118 VERTICAL

802.11a/b/g Access Point EUT Power AC 120v/60Hz Model WASP5100 802.11a TX 5785MHz Memo : Panel Antenna Gain:14.2dBi

SPORTON International Inc.

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

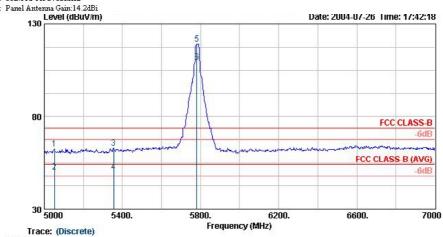
: H9PWSAP5100



03CH06

Site

Site : U3-0406
Condition : FCC CLASS-B 3m HF-HORN AH-118 VERTICAL
EUT : 802.11a/b/g Access Point
Power : AC 120v / 60Hz
Model : WASP5100 802.11a TX 5785MHz Memo



Site 03CH06

FCC CLASS-B 3m HF-HORN AH-118 VERTICAL 802.11a/b/g Access Point Condition EUT

Power Model AC 120v / 60Hz WASP5100 802.11a TX 5785MHz Panel Antenna Gain:14.2dBi

: Panel Antenna Gain:14.2dBi			0ver	Limita	1ntenno	Preamp	Cable		Ant	Table
	Freq	Level						Remark	Pos	Pos
	MHz	dBu∛/m	——dB	dBu∛/m	dB/m	dB	dB		ст	deg
1 @	5052,00	62.72	-11.28	74.00	33.57	45.77	4.93	Peak	222	222
2 @	5052.00	50.21	-3.79	54.00	33.57	45.77	4.93	Average		
3 @	5356.00	63. 20	-10.80	74.00	33.99	46.19	5.14	Peak		
3 @ 4 @	5356.00	50.15	-3.85	54.00	33.99	46.19	5.14	Average		
5 @ X	5780.00	119.25			33.81	46.68	5.44	Peak		
6 @ X	5780.00	109.45			33.81	46.68	5.44	Average		

Remark:

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