APPENDIX 2: Data of EMI test

Maximum Peak OutPut Power

UL Apex Co., Ltd.
Head Office EMC Lab. No.7 Shielded Room

Company	: silex technology , Inc.	REPORT NO	: 27BE0185-HO
Equipment	: Wireless 11g MiniPCI Adapter	REGULATION	: FCC15.247(b)(3)/RSS-210A8.4(4)
Model	: SX-10WG (ANTB24-052A0)	TEST DISTANCE	: -
Sample No.	: YM050727	DATE	: 9/30/206
Power	: DC 3.3V (AC adapter : AC120V/60Hz)	TEMPERATURE	: 24.5deg.C.
Mode	: Tx(ch1,6,11)	HUMIDITY	: 61%
		ENGINEER	: Hiroka Umeyama

[IEEE802.11b]

Ch	Freq.	S/A Reading	Cable Loss	Atten.	Result		Limit		Margin
	[MHz]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	[dB]
Low	2412.0	-1.29	0.60	19.87	19.18	82.79	30.00	1000	10.82
Mid	2437.0	-1.54	0.67	19.88	19.01	79.62	30.00	1000	10.99
High	2462.0	-1.50	0.68	19.88	19.06	80.54	30.00	1000	10.94

Sample Calculation:
Result = Reading + Cable Loss (supplied by customer) + Attenuator
* In the above table, factor 0.0dB represents no use of Atten. and/or Filter.

[IEEE802.11g]

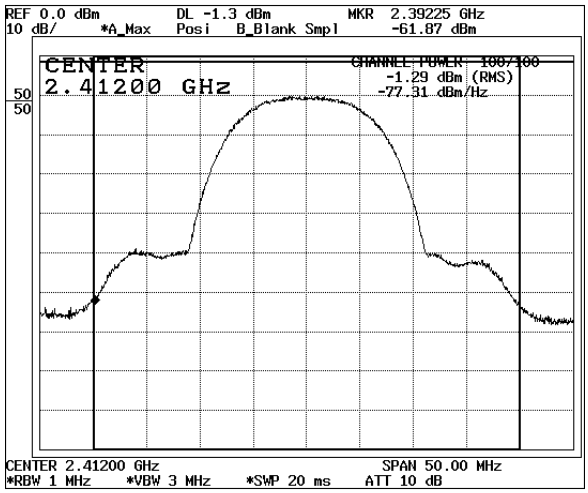
Ch	Freq.	S/A Reading	Cable Loss	Atten.	Result		Limit		Margin
	[MHz]	[dBm]	[dB]	[dB]	[dBm]	[mW]	[dBm]	[mW]	[dB]
Low	2412.0	-2.88	0.60	19.87	17.59	57.41	30.00	1000	12.41
Mid	2437.0	-0.34	0.67	19.88	20.21	104.95	30.00	1000	9.79
High	2462.0	-1.28	0.68	19.88	19.28	84.72	30.00	1000	10.72

Sample Calculation:
Result = Reading + Cable Loss (supplied by customer) + Attenuator
* In the above table, factor 0.0dB represents no use of Atten. and/or Filter.

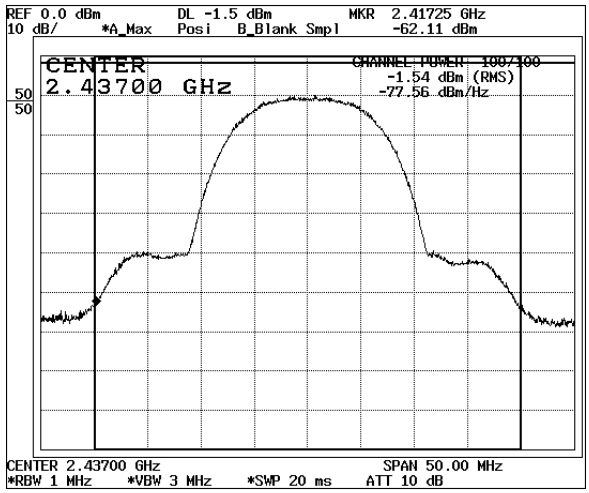
Maximum Peak OutPut Power

IEEE802.11b

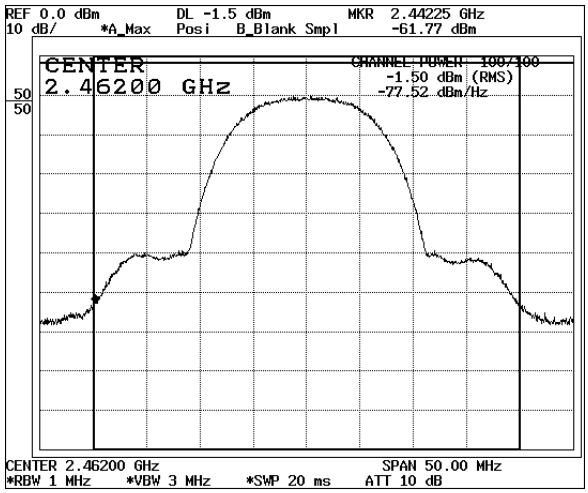
Ch:Low



Ch:Mid



Ch:High

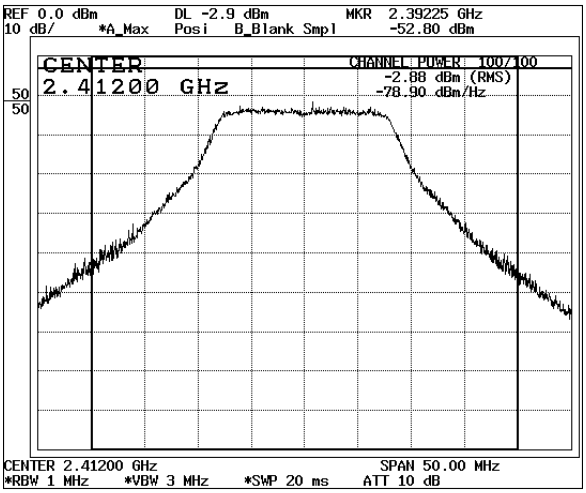


UL Apex Co., Ltd.
Head Office EMC Lab.
4383-326 Asama-cho, Ise-shi, Mie-ken 516-0021 JAPAN
Telephone : +81 596 24 8116
Facsimile : +81 596 24 8124

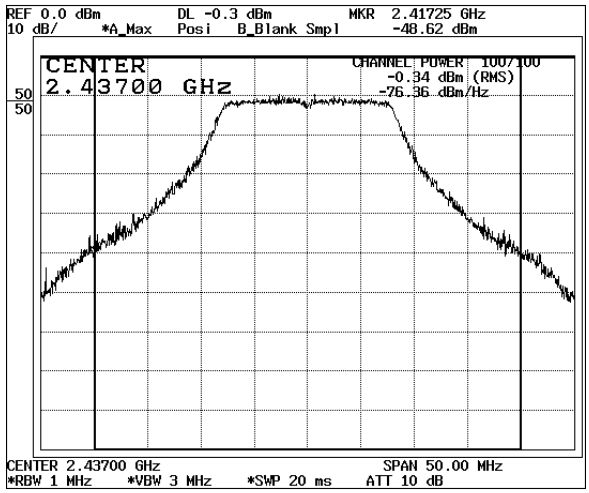
Maximum Peak OutPut Power

IEEE802.11g

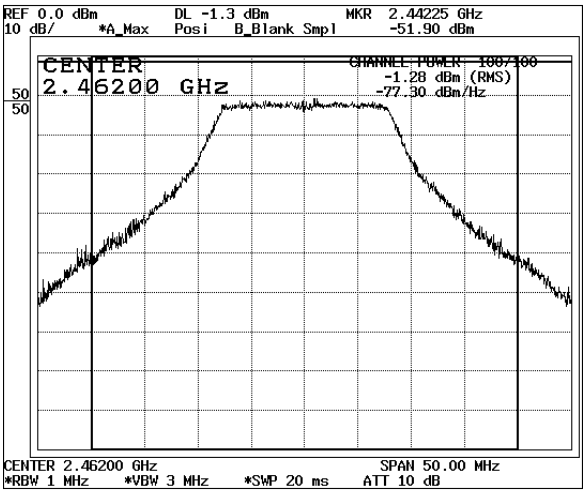
Ch:Low



Ch:Mid



Ch:High



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Radiated Spurious Emission (below 1GHz)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

DATA OF RADIATED EMISSION TEST

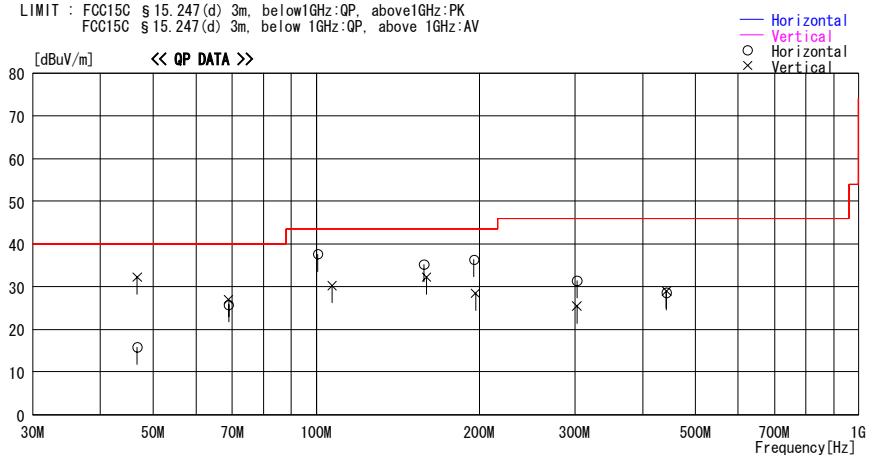
UL Apex Co., Ltd. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2006/10/02 10:58:04

Company : silex technology, Inc.
Kind of EUT : Wireless 11g MiniPCI Adapter
Model No. : SX-10WG (ANTB24-052A0)
Serial No. : YM050727

Report No. : 27BE0185-HO
Power : DC3.3V(AC adapter:AC120V/60Hz)
Temp./Humi. : 23deg.C. / 60%
Operator : Hiroka Umeyama

Mode / Remarks : 11b Tx 2412MHz MAX Axis

LIMIT : FCC15C §15.247(d) 3m, below1GHz:QP, above1GHz:PK
FCC15C §15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
46.780	28.6	QP	11.8	-24.6	15.8	45	290	Hori.	40.0	24.2
46.780	45.0	QP	11.8	-24.6	32.2	207	100	Vert.	40.0	7.8
68.920	42.4	QP	7.5	-24.2	25.7	359	260	Hori.	40.0	14.3
68.920	43.7	QP	7.5	-24.2	27.0	80	100	Vert.	40.0	13.0
100.590	50.2	QP	11.1	-23.7	37.6	0	337	Hori.	43.5	5.9
107.060	41.9	QP	11.9	-23.6	30.2	95	100	Vert.	43.5	13.3
157.980	42.6	QP	15.6	-23.0	35.2	0	200	Hori.	43.5	8.3
159.740	39.5	QP	15.7	-23.0	32.2	265	100	Vert.	43.5	11.3
195.470	42.1	QP	16.9	-22.7	36.3	359	155	Hori.	43.5	7.2
196.740	34.1	QP	17.0	-22.7	28.4	350	100	Vert.	43.5	15.1
302.600	36.6	QP	16.7	-21.9	31.4	0	100	Hori.	46.0	14.6
302.600	30.6	QP	16.7	-21.9	25.4	68	168	Vert.	46.0	20.6
442.800	30.6	QP	18.9	-21.0	28.5	30	260	Hori.	46.0	17.5
442.800	31.1	QP	18.9	-21.0	29.0	260	100	Vert.	46.0	17.0

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP,30-300MHz BICONICAL,300MHz-1000MHz LOGPERIODIC,1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

Radiated Spurious Emission (below 1GHz)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

DATA OF RADIATED EMISSION TEST

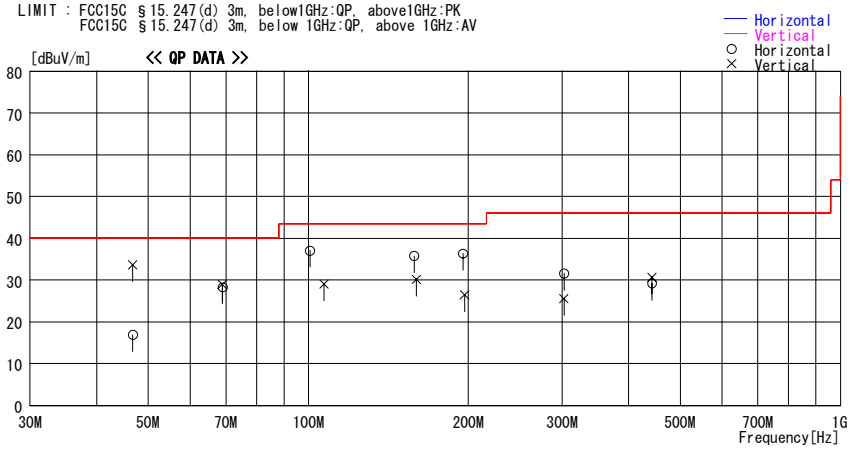
UL Apex Co., Ltd. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2006/10/02 10:58:04

Company : silex technology, Inc.
Kind of EUT : Wireless 11g MiniPCI Adapter
Model No. : SX-10WG (ANTB24-052A0)
Serial No. : YM050727

Report No. : 27BE0185-HO
Power : DC3.3V(AC adapter:AC120V/60Hz)
Temp./Humi. : 23deg.C. / 60%
Operator : Hiroka Umeyama

Mode / Remarks : 11b Tx 2437MHz MAX Axis

LIMIT : FCC15C §15.247(d) 3m, below1GHz:QP, above1GHz:PK
FCC15C §15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
46.780	29.7	QP	11.8	-24.6	16.9	45	290	Hori.	40.0	23.1
46.780	46.4	QP	11.8	-24.6	33.6	207	100	Vert.	40.0	6.4
68.920	45.0	QP	7.5	-24.2	28.3	359	260	Hori.	40.0	11.7
68.920	45.6	QP	7.5	-24.2	28.9	80	100	Vert.	40.0	11.1
100.590	49.7	QP	11.1	-23.7	37.1	0	337	Hori.	43.5	6.4
107.060	40.8	QP	11.9	-23.6	29.1	95	100	Vert.	43.5	14.4
157.980	43.2	QP	15.6	-23.0	35.8	0	200	Hori.	43.5	7.7
159.740	37.5	QP	15.7	-23.0	30.2	265	100	Vert.	43.5	13.3
195.470	42.2	QP	16.9	-22.7	36.4	359	155	Hori.	43.5	7.1
196.740	32.1	QP	17.0	-22.7	26.4	350	100	Vert.	43.5	17.1
302.600	36.8	QP	16.7	-21.9	31.6	0	100	Hori.	46.0	14.4
302.600	30.8	QP	16.7	-21.9	25.6	68	168	Vert.	46.0	20.4
442.800	31.3	QP	18.9	-21.0	29.2	30	260	Hori.	46.0	16.8
442.800	32.8	QP	18.9	-21.0	30.7	260	100	Vert.	46.0	15.3

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC, 1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

Radiated Spurious Emission (below 1GHz)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

DATA OF RADIATED EMISSION TEST

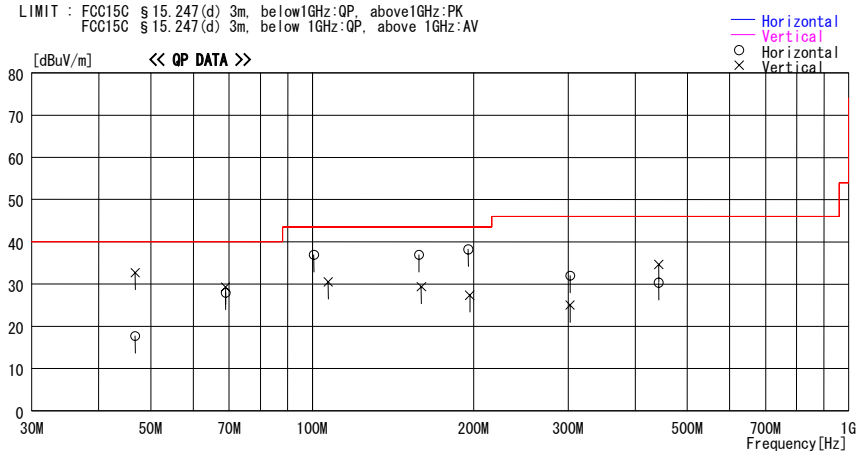
UL Apex Co., Ltd. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2006/10/02 10:58:04

Company : silex technology, Inc.
Kind of EUT : Wireless 11g MiniPCI Adapter
Model No. : SX-10WG (ANTB24-052A0)
Serial No. : YM050727

Report No. : 27BE0185-HO
Power : DC3.3V(AC adapter:AC120V/60Hz)
Temp./Humi. : 23deg.C. / 60%
Operator : Hiroka Umeyama

Mode / Remarks : 11b Tx 2462MHz MAX Axis

LIMIT : FCC15C §15.247(d) 3m, below1GHz:QP, above1GHz:PK
FCC15C §15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
46.780	30.5	QP	11.8	-24.6	17.7	45	290	Hori.	40.0	22.3
46.780	45.5	QP	11.8	-24.6	32.7	207	100	Vert.	40.0	7.3
68.920	44.7	QP	7.5	-24.2	28.0	359	260	Hori.	40.0	12.0
68.920	46.0	QP	7.5	-24.2	29.3	80	100	Vert.	40.0	10.7
100.590	49.5	QP	11.1	-23.7	36.9	0	337	Hori.	43.5	6.6
107.060	42.2	QP	11.9	-23.6	30.5	95	100	Vert.	43.5	13.0
157.980	44.3	QP	15.6	-23.0	36.9	0	200	Hori.	43.5	6.6
159.740	36.7	QP	15.7	-23.0	29.4	265	100	Vert.	43.5	14.1
195.470	44.0	QP	16.9	-22.7	38.2	359	155	Hori.	43.5	5.3
196.740	33.1	QP	17.0	-22.7	27.4	350	100	Vert.	43.5	16.1
302.600	37.2	QP	16.7	-21.9	32.0	0	100	Hori.	46.0	14.0
302.600	30.2	QP	16.7	-21.9	25.0	68	168	Vert.	46.0	21.0
442.800	32.4	QP	18.9	-21.0	30.3	30	260	Hori.	46.0	15.7
442.800	36.7	QP	18.9	-21.0	34.6	260	100	Vert.	46.0	11.4

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP,30-300MHz BICONICAL,300MHz-1000MHz LOGPERIODIC,1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

Radiated Spurious Emission (below 1GHz)

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DATA OF RADIATED EMISSION TEST

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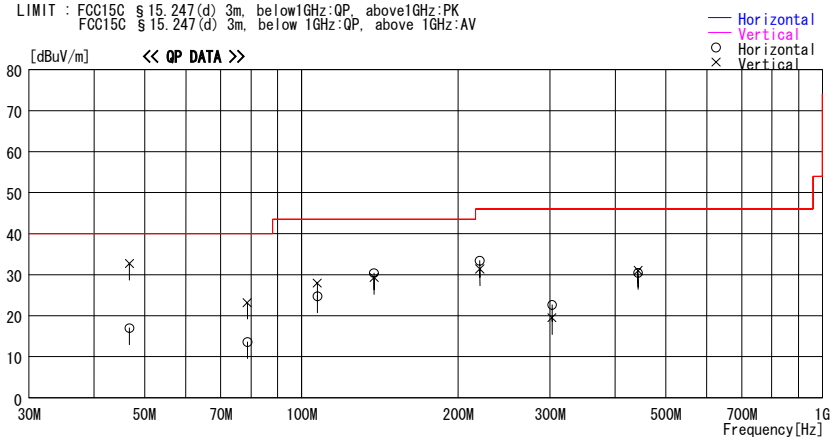
Date : 2006/10/02 10:58:04

Company : silex technology, Inc.
Kind of EUT : Wireless 11g MiniPCI Adapter
Model No. : SX-10WG (ANTB24-052A0)
Serial No. : YM050727

Report No. : 27BE0185-HO
Power : DC3.3V(AC adapter:AC120V/60Hz)
Temp./Humi. : 23deg.C. / 60%
Operator : Hiroka Umeyama

Mode / Remarks : 11b Rx 2437MHz MAX Axis

LIMIT : FCC15C §15.247(d) 3m, below1GHz:QP, above1GHz:PK
FCC15C §15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency	Reading	DET	Antenna Factor	Loss& Gain	Level	Angle	Height	Polar.	Limit	Margin
[MHz]	[dBuV]		[dB/m]	[dB]	[dBuV/m]	[Deg]	[cm]		[dBuV/m]	[dB]
46.780	29.8	QP	11.8	-24.6	17.0	45	290	Hori.	40.0	23.0
46.780	45.5	QP	11.8	-24.6	32.7	207	100	Vert.	40.0	7.3
78.730	30.4	QP	7.3	-24.1	13.6	359	260	Hori.	40.0	26.4
78.730	40.0	QP	7.3	-24.1	23.2	80	100	Vert.	40.0	16.8
107.270	36.4	QP	11.9	-23.6	24.7	210	350	Hori.	43.5	18.8
107.270	39.6	QP	11.9	-23.6	27.9	95	100	Vert.	43.5	15.6
137.840	38.7	QP	14.9	-23.2	30.4	250	200	Hori.	43.5	13.1
137.840	37.6	QP	14.9	-23.2	29.3	265	100	Vert.	43.5	14.2
219.960	38.5	QP	17.4	-22.5	33.4	359	155	Hori.	46.0	12.6
219.960	36.5	QP	17.4	-22.5	31.4	40	100	Vert.	46.0	14.6
302.600	27.8	QP	16.7	-21.9	22.6	0	100	Hori.	46.0	23.4
302.600	24.7	QP	16.7	-21.9	19.5	68	168	Vert.	46.0	26.5
442.800	32.6	QP	18.9	-21.0	30.5	30	260	Hori.	46.0	15.5
442.800	33.1	QP	18.9	-21.0	31.0	260	100	Vert.	46.0	15.0

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP, 30-300MHz BICONICAL, 300MHz-1000MHz LOGPERIODIC, 1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

Radiated Spurious Emission (below 1GHz)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

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UL Apex Co., Ltd. Head Office EMC Lab. No.4 Semi Anechoic Chamber
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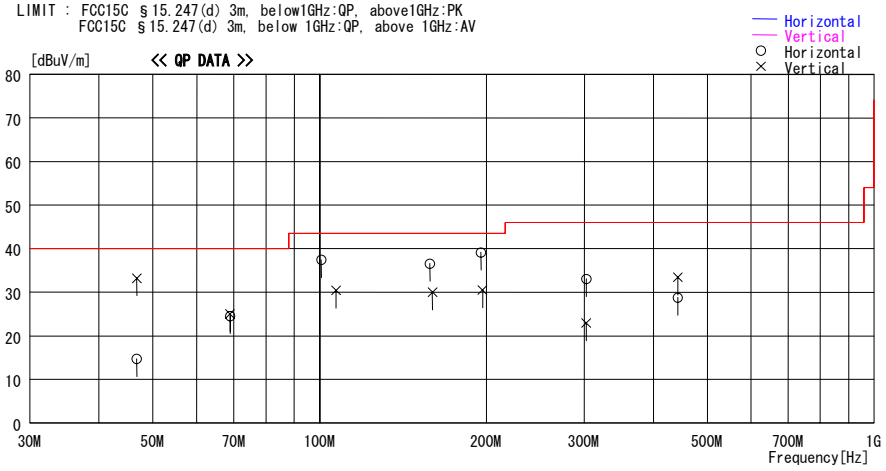
Company : silex technology, Inc.
Kind of EUT : Wireless 11g MiniPCI Adapter
Model No. : SX-10WG (ANTB24-052A0)
Serial No. : YM050727

Report No. : 27BE0185-HO
Power : DC3.3V(AC adapter:AC120V/60Hz)
Temp./Humi. : 23deg.C. / 60%
Operator : Hiroka Umeyama

Mode / Remarks : 11g Tx 2412MHz MAX Axis

LIMIT : FCC15C §15.247(d) 3m, below1GHz:QP, above1GHz:PK
FCC15C §15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
46.780	27.5	QP	11.8	-24.6	14.7	45	290	Hori.	40.0	25.3
46.780	46.0	QP	11.8	-24.6	33.2	207	100	Vert.	40.0	6.8
68.920	41.2	QP	7.5	-24.2	24.5	359	285	Hori.	40.0	15.5
68.920	41.7	QP	7.5	-24.2	25.0	80	100	Vert.	40.0	15.0
100.590	50.0	QP	11.1	-23.7	37.4	0	337	Hori.	43.5	6.1
107.060	42.1	QP	11.9	-23.6	30.4	95	100	Vert.	43.5	13.1
157.980	43.9	QP	15.6	-23.0	36.5	0	200	Hori.	43.5	7.0
159.740	37.3	QP	15.7	-23.0	30.0	265	100	Vert.	43.5	13.5
195.470	44.9	QP	16.9	-22.7	39.1	359	155	Hori.	43.5	4.4
196.740	36.2	QP	17.0	-22.7	30.5	350	100	Vert.	43.5	13.0
302.600	38.3	QP	16.7	-21.9	33.1	0	100	Hori.	46.0	12.9
302.600	28.1	QP	16.7	-21.9	22.9	68	168	Vert.	46.0	23.1
442.800	30.9	QP	18.9	-21.0	28.8	30	260	Hori.	46.0	17.2
442.800	35.5	QP	18.9	-21.0	33.4	260	100	Vert.	46.0	12.6

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP,30-300MHz BICONICAL,300MHz-1000MHz LOGPERIODIC,1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

Radiated Spurious Emission (below 1GHz)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

DATA OF RADIATED EMISSION TEST

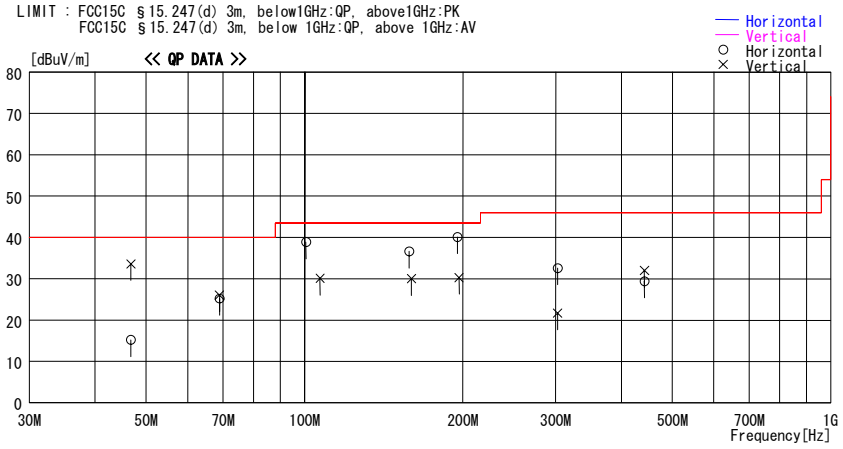
UL Apex Co., Ltd. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2006/10/02 10:58:04

Company : silex technology, Inc.
Kind of EUT : Wireless 11g MiniPCI Adapter
Model No. : SX-10WG (ANTB24-052A0)
Serial No. : YM050727

Report No. : 27BE0185-HO
Power : DC3.3V(AC adapter:AC120V/60Hz)
Temp./Humi. : 23deg.C. / 60%
Operator : Hiroka Umeyama

Mode / Remarks : 11g Tx 2437MHz MAX Axis

LIMIT : FCC15C §15.247(d) 3m, below1GHz:QP, above1GHz:PK
FCC15C §15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
46.780	28.0	QP	11.8	-24.6	15.2	45	290	Hori.	40.0	24.8
46.780	46.4	QP	11.8	-24.6	33.6	207	100	Vert.	40.0	6.4
68.920	41.9	QP	7.5	-24.2	25.2	359	285	Hori.	40.0	14.8
68.920	42.8	QP	7.5	-24.2	26.1	80	100	Vert.	40.0	13.9
100.590	51.5	QP	11.1	-23.7	38.9	0	337	Hori.	43.5	4.6
107.060	41.8	QP	11.9	-23.6	30.1	95	100	Vert.	43.5	13.4
157.980	44.0	QP	15.6	-23.0	36.6	0	200	Hori.	43.5	6.9
159.740	37.3	QP	15.7	-23.0	30.0	265	100	Vert.	43.5	13.5
195.470	45.9	QP	16.9	-22.7	40.1	359	155	Hori.	43.5	3.4
196.740	36.0	QP	17.0	-22.7	30.3	350	100	Vert.	43.5	13.2
302.600	37.8	QP	16.7	-21.9	32.6	0	100	Hori.	46.0	13.4
302.600	26.9	QP	16.7	-21.9	21.7	68	168	Vert.	46.0	24.3
442.800	31.5	QP	18.9	-21.0	29.4	30	260	Hori.	46.0	16.6
442.800	34.1	QP	18.9	-21.0	32.0	260	100	Vert.	46.0	14.0

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP,30-300MHz BICONICAL,300MHz-1000MHz LOGPERIODIC,1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

Radiated Spurious Emission (below 1GHz)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

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DATA OF RADIATED EMISSION TEST

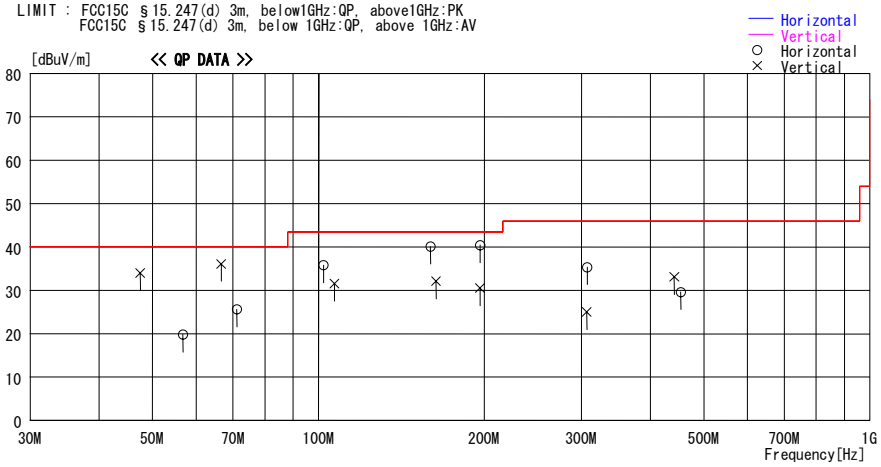
UL Apex Co., Ltd. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2006/10/02 15:45:04

Company : silex technology, Inc.
Kind of EUT : Wireless 11g MiniPCI Adapter
Model No. : SX-10WG (ANTB24-052A0)
Serial No. : YM050727

Report No. : 27BE0185-HO
Power : DC3.3V(AC adapter:AC120V/60Hz)
Temp./Humi. : 23deg.C. / 60%
Operator : Hiroka Umeyama

Mode / Remarks : 11g Tx 2462MHz MAX Axis

LIMIT : FCC15C §15.247(d) 3m, below1GHz:QP, above1GHz:PK
FCC15C §15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]	Comment
47.502	46.9	QP	11.6	-24.5	34.0	177	100	Vert.	40.0	6.0	
56.760	34.8	QP	9.4	-24.4	19.8	164	346	Hori.	40.0	20.2	
66.648	52.6	QP	7.8	-24.3	36.1	97	100	Vert.	40.0	3.9	
71.061	42.4	QP	7.4	-24.2	25.6	181	285	Hori.	40.0	14.4	
102.080	48.2	QP	11.3	-23.7	35.8	202	290	Hori.	43.5	7.7	
106.922	43.3	QP	11.9	-23.6	31.6	76	100	Vert.	43.5	11.9	
159.736	47.4	QP	15.7	-23.0	40.1	194	198	Hori.	43.5	3.4	
196.482	46.2	QP	16.9	-22.7	40.4	18	159	Hori.	43.5	3.1	
196.481	36.3	QP	16.9	-22.7	30.5	18	100	Vert.	43.5	13.0	
163.406	39.1	QP	15.9	-22.9	32.1	270	185	Vert.	43.5	11.4	
306.665	30.1	QP	16.8	-21.9	25.0	50	140	Vert.	46.0	21.0	
307.199	40.4	QP	16.8	-21.9	35.3	165	100	Hori.	46.0	10.7	
442.250	35.2	QP	18.9	-21.0	33.1	199	100	Vert.	46.0	12.9	
454.655	31.4	QP	19.1	-20.9	29.6	288	277	Hori.	46.0	16.4	

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP,30-300MHz BICONICAL,300MHz-1000MHz LOGPERIODIC,1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

Radiated Spurious Emission (below 1GHz)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

DATA OF RADIATED EMISSION TEST

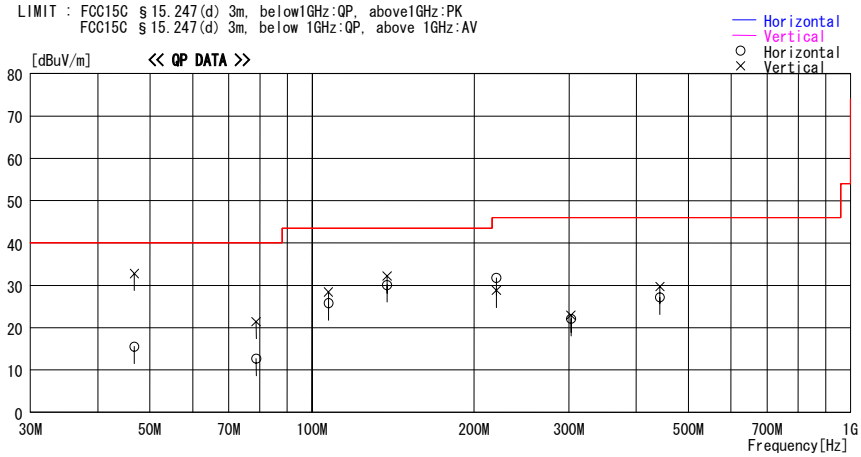
UL Apex Co., Ltd. Head Office EMC Lab. No.4 Semi Anechoic Chamber
Date : 2006/10/02 10:58:04

Company : silex technology, Inc.
Kind of EUT : Wireless 11g MiniPCI Adapter
Model No. : SX-10WG (ANTB24-052A0)
Serial No. : YM050727

Report No. : 27BE0185-HO
Power : DC3.3V(AC adapter:AC120V/60Hz)
Temp./Humi. : 23deg.C. / 60%
Operator : Hiroka Umeyama

Mode / Remarks : 11g Rx 2437MHz MAX Axis

LIMIT : FCC15C §15.247(d) 3m, below1GHz:QP, above1GHz:PK
FCC15C §15.247(d) 3m, below 1GHz:QP, above 1GHz:AV



Frequency [MHz]	Reading [dBuV]	DET	Antenna Factor [dB/m]	Loss& Gain [dB]	Level [dBuV/m]	Angle [Deg]	Height [cm]	Polar.	Limit [dBuV/m]	Margin [dB]
46.780	28.3	QP	11.8	-24.6	15.5	45	290	Hori.	40.0	24.5
46.780	45.6	QP	11.8	-24.6	32.8	207	100	Vert.	40.0	7.2
78.730	29.5	QP	7.3	-24.1	12.7	359	260	Hori.	40.0	27.3
78.730	38.2	QP	7.3	-24.1	21.4	80	100	Vert.	40.0	18.6
107.270	37.5	QP	11.9	-23.6	25.8	210	350	Hori.	43.5	17.7
107.270	40.1	QP	11.9	-23.6	28.4	95	100	Vert.	43.5	15.1
137.840	38.4	QP	14.9	-23.2	30.1	250	200	Hori.	43.5	13.4
137.840	40.5	QP	14.9	-23.2	32.2	265	100	Vert.	43.5	11.3
219.960	36.9	QP	17.4	-22.5	31.8	359	155	Hori.	46.0	14.2
219.960	33.9	QP	17.4	-22.5	28.8	40	100	Vert.	46.0	17.2
302.600	27.3	QP	16.7	-21.9	22.1	0	100	Hori.	46.0	23.9
302.600	28.1	QP	16.7	-21.9	22.9	68	168	Vert.	46.0	23.1
442.800	29.3	QP	18.9	-21.0	27.2	30	260	Hori.	46.0	18.8
442.800	31.8	QP	18.9	-21.0	29.7	260	100	Vert.	46.0	16.3

CHART:WITH FACTOR ANT TYPE : -30MHz LOOP,30-300MHz BICONICAL,300MHz-1000MHz LOGPERIODIC,1000MHz- HORN
CALCULATION:RESULT = READING + ANT FACTOR + LOSS(CABLE+ATTEN.) - GAIN(AMP)

Radiated Spurious Emission (above 1GHz)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

DATA OF SPURIOUS EMISSIONS(1GHz to 26GHz)

UL Apex Co., Ltd.
Head Office EMC Lab. No.1Semi Anechoic Chamber

Company	: silex technology , Inc.	REPORT NO	: 27BE0185-HO
Equipment	: Wireless MiniPCI Adapter	REGULATION	: FCCC 15.247(d)/RSS-210A8.5
Model	: SX-10WG (ANTB24-052A0)	TEST DISTANCE	: 3/1m
Sample No.	: YM050727	DATE	: 9/30/2006
Power	: DC 3.3V (AC Adapter:AC120 V / 60 Hz)	TEMPERATURE	: 23deg.C
Mode	: WLAN 11g 54Mbps 2412MHz	HUMIDITY	: 62%
Remarks	: Hor X , Ver Y-axis	ENGINEER	: Hiroka Umeyama

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2359.6	54.1	54.2	26.5	32.8	2.1	0.0	49.9	50.0	74.0	24.1	24.0
2	2390.0	56.7	56.0	26.5	32.8	2.1	0.0	52.5	51.8	74.0	21.5	22.2
3	2524.2	53.7	52.1	26.9	32.7	2.2	0.0	50.1	48.5	74.0	23.9	25.5
4	4824.0	40.2	40.4	30.9	31.6	3.2	1.4	44.1	44.3	74.0	29.9	29.7
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	7236.0	43.1	42.3	35.3	32.1	3.9	1.2	41.9	41.1	74.0	32.1	32.9
6	9848.0	44.1	43.9	37.6	33.1	4.8	1.0	44.9	44.7	74.0	29.1	29.3
7	24120.0	45.2	44.9	39.1	31.4	8.0	0.0	51.4	51.1	74.0	22.6	22.9

AV DETECT (RBW: 1MHz, VBW: 10Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2359.6	44.2	42.0	26.5	32.8	2.1	0.0	40.0	37.8	54.0	14.0	16.2
2	2390.0	41.3	42.1	26.5	32.8	2.1	0.0	37.1	37.9	54.0	16.9	16.1
3	2524.2	40.1	33.2	26.9	32.7	2.2	0.0	36.5	29.6	54.0	17.5	24.4
4	4824.0	32.1	31.3	30.9	31.6	3.2	1.4	36.0	35.2	54.0	18.0	18.8
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	7236.0	31.9	32.1	35.3	32.1	3.9	1.2	30.7	30.9	54.0	23.3	23.1
6	9848.0	32.1	31.9	37.6	33.1	4.8	1.0	32.9	32.7	54.0	21.1	21.3
7	24120.0	34.2	35.1	39.1	31.4	8.0	0.0	40.4	41.3	54.0	13.6	12.7

20dBc(Fundamental 2412MHz) (RBW: 100kHz, VBW: 300kHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	20dBc	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	[dB]
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2412.0	92.9	90.9	26.7	32.8	2.1	0.0	88.9	86.9	-	-	-
2	2400.0	62.9	63.9	26.6	32.8	2.1	0.0	58.8	59.8	Funda-20dB	10.1	7.1

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*Hi-Pass Filter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission (above 1GHz)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

DATA OF SPURIOUS EMISSIONS(1GHz to 26GHz)

UL Apex Co., Ltd.
Head Office EMC Lab. No.1Semi Anechoic Chamber

Company	: silex technology , Inc.	REPORT NO	: 27BE0185-HO
Equipment	: Wireless MiniPCI Adapter	REGULATION	: FCCC 15.247(d)/RSS-210A8.5
Model	: SX-10WG (ANTB24-052A0)	TEST DISTANCE	: 3/1m
Sample No.	: YM050727	DATE	: 9/30/2006
Power	: DC 3.3V (AC Adapter:AC120 V / 60 Hz)	TEMPERATURE	: 23deg.C
Mode	: WLAN 11g 54Mbps 2437MHz	HUMIDITY	: 62%
Remarks	: Hor X , Ver Y-axis	ENGINEER	: Hiroka Umeyama

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2359.6	53.9	53.3	26.5	32.8	2.1	0.0	49.7	49.1	74.0	24.3	24.9
2	4874.0	40.2	40.9	31.0	31.6	3.2	1.4	44.2	44.9	74.0	29.8	29.1
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
3	7311.0	42.1	42.3	35.4	32.2	3.9	1.1	40.8	41.0	74.0	33.2	33.0
4	9748.0	43.2	43.0	37.6	33.1	4.8	1.1	44.1	43.9	74.0	29.9	30.1
5	24370.0	45.2	45.1	39.1	31.1	8.0	0.0	51.7	51.6	74.0	22.3	22.4

AV DETECT (RBW: 1MHz, VBW: 10Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2359.6	43.8	41.9	26.5	32.8	2.1	0.0	39.6	37.7	54.0	14.4	16.3
2	4874.0	32.1	32.3	31.0	31.6	3.2	1.4	36.1	36.3	54.0	17.9	17.7
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
3	7311.0	31.2	30.9	35.4	32.2	3.9	1.1	29.9	29.6	54.0	24.1	24.4
4	9748.0	32.9	32.1	37.6	33.1	4.8	1.1	33.8	33.0	54.0	20.2	21.0
5	24370.0	35.1	35.1	39.1	31.1	8.0	0.0	41.6	41.6	54.0	12.4	12.4

* Reference data

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB

*Except for the above table : All other spurious emissions were less than 20dB for the limit.

*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.

*The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

*Hi-Pass Filter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission (above 1GHz)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

DATA OF SPURIOUS EMISSIONS(1GHz to 26GHz)

UL Apex Co., Ltd.
Head Office EMC Lab. No.1Semi Anechoic Chamber

Company	: silex technology , Inc.	REPORT NO	: 27BE0185-HO
Equipment	: Wireless MiniPCI Adapter	REGULATION	: FCCC 15.247(d)/RSS-210A8.5
Model	: SX-10WG (ANTB24-052A0)	TEST DISTANCE	: 3/1m
Sample No.	: YM050727	DATE	: 9/30/2006
Power	: DC 3.3V (AC Adapter:AC120 V / 60 Hz)	TEMPERATURE	: 23deg.C
Mode	: WLAN 11g 54Mbps 2462MHz	HUMIDITY	: 62%
Remarks	: Hor X , Ver Y-axis	ENGINEER	: Hiroka Umeyama

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2359.6	51.3	50.9	26.5	32.8	2.1	0.0	47.1	46.7	74.0	26.9	27.3
2	2483.5	62.0	55.8	26.8	32.7	2.1	0.0	58.2	52.0	74.0	15.8	22.0
4	2524.2	52.1	52.9	26.9	32.7	2.2	0.5	49.0	49.8	74.0	25.0	24.2
5	4924.0	41.2	42.1	31.1	31.6	3.2	1.4	45.3	46.2	74.0	28.7	27.8
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	7386.0	41.9	42.1	35.6	32.2	3.9	1.1	40.8	41.0	74.0	33.2	33.0
7	9848.0	43.9	43.5	37.6	33.2	4.9	1.2	44.9	44.5	74.0	29.1	29.5
8	24620.0	45.1	45.3	39.2	30.8	8.0	0.0	52.0	52.2	74.0	22.0	21.8

AV DETECT (RBW: 1MHz, VBW: 10Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2359.6	38.3	39.2	26.5	32.8	2.1	0.0	34.1	35.0	54.0	19.9	19.0
2	2483.5	42.8	42.7	26.8	32.7	2.1	0.0	39.0	38.9	54.0	15.0	15.1
4	2524.2	34.7	33.4	26.9	32.7	2.2	0.5	31.6	30.3	54.0	22.4	23.7
5	4924.0	30.9	31.2	31.1	31.6	3.2	1.4	35.0	35.3	54.0	19.0	18.7
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	7386.0	31.8	31.1	35.6	32.2	3.9	1.1	30.7	30.0	54.0	23.3	24.0
7	9848.0	32.1	33.0	37.6	33.2	4.9	1.2	33.1	34.0	54.0	20.9	20.0
8	24620.0	34.2	35.1	39.2	30.8	8.0	0.0	41.1	42.0	54.0	12.9	12.0

* Reference data

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB

*Except for the above table : All other spurious emissions were less than 20dB for the limit.

*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.

*The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

*Hi-Pass Filter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission (above 1GHz)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

DATA OF SPURIOUS EMISSIONS(1GHz to 26GHz)

UL Apex Co., Ltd.
Head Office EMC Lab. No.1Semi Anechoic Chamber

Company	: Silex technology , Inc.	REPORT NO	: 27BE0185-HO
Equipment	: Wireless MiniPCI Adapter	REGULATION	: FCCC 15.247(d)/RSS-210A8.5
Model	: SX-10WG (ANTB24-052A0)	TEST DISTANCE	: 3/1m
Sample No.	: YM050727	DATE	: 9/30/2006
Power	: DC 3.3V (AC Adapter:AC120 V / 60 Hz)	TEMPERATURE	: 23deg.C
Mode	: WLAN 11b 11Mbps 2412MHz	HUMIDITY	: 62%
Remarks	: Hor X , Ver Y-axis	ENGINEER	: Hiroka Umeyama

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2390.0	47.1	46.9	26.5	32.8	2.1	0.0	42.9	42.7	74.0	31.1	31.3
3	2400.0	53.4	54.2	26.6	32.8	2.1	1.0	50.3	51.1	74.0	23.7	22.9
4	2492.9	46.3	47.2	26.9	32.7	2.2	0.5	43.2	44.1	74.0	30.8	29.9
5	4824.0	40.3	40.7	30.9	31.6	3.2	1.4	44.2	44.6	74.0	29.8	29.4
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	7236.0	42.9	43.2	35.3	32.1	3.9	1.2	41.7	42.0	74.0	32.3	32.0
7	9848.0	43.9	44.1	37.6	33.1	4.8	1.0	44.7	44.9	74.0	29.3	29.1
8	24120.0	44.9	45.0	39.1	31.4	8.0	0.0	51.1	51.2	74.0	22.9	22.8

AV DETECT (RBW: 1MHz, VBW: 10Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2390.0	32.4	31.5	26.5	32.8	2.1	0.0	28.2	27.3	54.0	25.8	26.7
2	2400.0	37.2	36.9	26.6	32.8	2.1	1.0	34.1	33.8	54.0	19.9	20.2
3	2492.9	34.2	35.1	26.9	32.7	2.2	0.5	31.1	32.0	54.0	22.9	22.0
4	4824.0	31.5	31.8	30.9	31.6	3.2	1.4	35.4	35.7	54.0	18.6	18.3
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	7236.0	33.1	32.9	35.3	32.1	3.9	1.2	31.9	31.7	54.0	22.1	22.3
6	9848.0	32.9	31.9	37.6	33.1	4.8	1.0	33.7	32.7	54.0	20.3	21.3
7	24120.0	35.8	35.7	39.1	31.4	8.0	0.0	42.0	41.9	54.0	12.0	12.1

* Reference data

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB

*Except for the above table : All other spurious emissions were less than 20dB for the limit.

*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.

*The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

*Hi-Pass Filter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission (above 1GHz)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

DATA OF SPURIOUS EMISSIONS(1GHz to 26GHz)

UL Apex Co., Ltd.
Head Office EMC Lab. No.1Semi Anechoic Chamber

Company	: Silex technology , Inc.	REPORT NO	: 27BE0185-HO
Equipment	: Wireless MiniPCI Adapter	REGULATION	: FCCC 15.247(d)/RSS-210A8.5
Model	: SX-10WG (ANTB24-052A0)	TEST DISTANCE	: 3/1m
Sample No.	: YM050727	DATE	: 9/30/2006
Power	: DC 3.3V (AC Adapter:AC120 V / 60 Hz)	TEMPERATURE	: 23deg.C
Mode	: WLAN 1b 11Mbps 2437MHz	HUMIDITY	: 62%
Remarks	: Hor X , Ver Y-axis	ENGINEER	: Hiroka Umeyama

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2359.6	46.8	45.9	26.5	32.8	2.1	0.0	42.6	41.7	74.0	31.4	32.3
2	4874.0	40.2	40.5	31.0	31.6	3.2	1.4	44.2	44.5	74.0	29.8	29.5
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
3	7311.0	42.3	42.1	35.4	32.2	3.9	1.1	41.0	40.8	74.0	33.0	33.2
4	9748.0	43.2	43.5	37.6	33.1	4.8	1.1	44.1	44.4	74.0	29.9	29.6
5	24370.0	44.8	45.0	39.1	31.1	8.0	0.0	51.3	51.5	74.0	22.7	22.5

AV DETECT (RBW: 1MHz, VBW: 10Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2359.6	32.8	33.8	26.5	32.8	2.1	0.0	28.6	29.6	54.0	25.4	24.4
2	4874.0	32.1	31.9	31.0	31.6	3.2	1.4	36.1	35.9	54.0	17.9	18.1
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
3	7311.0	31.2	30.9	35.4	32.2	3.9	1.1	29.9	29.6	54.0	24.1	24.4
4	9748.0	33.1	32.9	37.6	33.1	4.8	1.1	34.0	33.8	54.0	20.0	20.2
5	24370.0	34.7	35.2	39.1	31.1	8.0	0.0	41.2	41.7	54.0	12.8	12.3

* Reference data

Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB

*Except for the above table : All other spurious emissions were less than 20dB for the limit.

*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.

*The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

*Hi-Pass Filter was not used for factor 0.0dB of the above table.

Radiated Spurious Emission (above 1GHz)

* The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.

DATA OF SPURIOUS EMISSIONS(1GHz to 26GHz)

UL Apex Co., Ltd.
Head Office EMC Lab. No.1Semi Anechoic Chamber

Company	: silex technology , Inc.	REPORT NO	: 27BE0185-HO
Equipment	: Wireless MiniPCI Adapter	REGULATION	: FCCC 15.247(d)/RSS-210A8.5
Model	: SX-10WG (ANTB24-052A0)	TEST DISTANCE	: 3/1m
Sample No.	: YM050727	DATE	: 9/30/2006
Power	: DC 3.3V (AC Adapter:AC120 V / 60 Hz)	TEMPERATURE	: 23deg.C
Mode	: WLAN 11b 11Mbps 2462MHz	HUMIDITY	: 62%
Remarks	: Hor X , Ver Y-axis	ENGINEER	: Hiroka Umeyama

PK DETECT (RBW: 1MHz, VBW: 1MHz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	PK	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2359.6	46.7	47.2	26.5	32.8	2.1	0.0	42.5	43.0	74.0	31.5	31.0
2	2483.5	48.3	45.2	26.8	32.7	2.1	0.0	44.5	41.4	74.0	29.5	32.6
4	2524.2	50.2	49.2	26.9	32.7	2.2	0.5	47.1	46.1	74.0	26.9	27.9
5	4924.0	42.3	42.1	31.1	31.6	3.2	1.4	46.4	46.2	74.0	27.6	27.8
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
6	7386.0	42.5	42.8	35.6	32.2	3.9	1.1	41.4	41.7	74.0	32.6	32.3
7	9848.0	43.8	43.2	37.6	33.2	4.9	1.2	44.8	44.2	74.0	29.2	29.8
8	24620.0	44.8	45.0	39.2	30.8	8.0	0.0	51.7	51.9	74.0	22.3	22.1

AV DETECT (RBW: 1MHz, VBW: 10Hz)

No.	FREQ	S/A READING		ANT	AMP	CABLE	Hi-Pass	RESULT		Limit	MARGIN	
		HOR	VER	Factor	GAIN	LOSS	Filter	HOR	VER	AV	HOR	VER
	[MHz]	[dBuV]		[dB/m]	[dB]	[dB]	[dB]	[dBuV/m]		[dBuV/m]	[dB]	
Test distance 3meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss												
1	2359.6	33.4	33.9	26.5	32.8	2.1	0.0	29.2	29.7	54.0	24.8	24.3
2	2483.5	34.2	33.9	26.8	32.7	2.1	0.0	30.4	30.1	54.0	23.6	23.9
3	2524.2	36.3	36.5	26.9	32.7	2.2	0.5	33.2	33.4	54.0	20.8	20.6
4	4924.0	31.3	32.1	31.1	31.6	3.2	1.4	35.4	36.2	54.0	18.6	17.8
Test distance 1meters RESULT=Reading + ANT Factor - Amp Gain + Cable Loss + Filter Loss - Dfac												
5	7386.0	31.8	31.1	35.6	32.2	3.9	1.1	30.7	30.0	54.0	23.3	24.0
6	9848.0	32.1	33.2	37.6	33.2	4.9	1.2	33.1	34.2	54.0	20.9	19.8
7	24620.0	35.1	34.9	39.2	30.8	8.0	0.0	42.0	41.8	54.0	12.0	12.2

* Reference data
Test Distance 1.0m : Distance Factor(Dfac) = 20log(3/1.0) = 9.5dB
*Except for the above table : All other spurious emissions were less than 20dB for the limit.
*In the frequency over the fifth harmonic, the noise from the EUT was not seen.The data above is its base noise.
*The result is rounded off to the second decimal place. Therefore, there may be 0.1 difference for the result.
*Hi-Pass Filter was not used for factor 0.0dB of the above table.

*The noise was not detected in the test of receiving spurious emission (above 1GHz).

APPENDIX 3:Test instruments

EMI test equipment

Control No.	Instrument	Manufacturer	Model No	Test Item	Calibration Date * Interval(month)
MRENT-39	Spectrum Analyzer	Advantest	R3273	AT	2006/07/25 * 12
MAT-21	Attenuator(20dB) (above1GHz)	HIROSE ELECTRIC CO.,LTD.	AT-120	AT	2006/01/10 * 12
MCC-06	Microwave Cable 1G-26.5GHz 1m	Suhner	SUCOFLEX 104	AT	2006/02/02 * 12
MCC-57	Microwave Cable 1-26.5GHz	Suhner	SUCOFLEX104	RE	2006/04/15 * 12
MPA-11	MicroWave System Amplifier	Agilent	83017A	RE	2006/03/27 * 12
MHF-05	High Pass Filter 3.5-24GHz	Tokimec	TF323DCA	RE	2006/01/24 * 12
MSA-03	Spectrum Analyzer	Agilent	E4448A	RE	2006/09/13 * 12
MHA-21	Horn Antenna 1-18GHz	Schwarzbeck	BBHA9120D	RE	2006/08/17 * 12
MHA-02	Horn Antenna	EMCO	3160-09	RE	2006/01/09 * 12
MAEC-04	Anechoic Chamber	TDK	Semi Anechoic Chamber 3m	RE	2006/03/06 * 12
MSTW-14	EMI measurement program	TSJ	TEPTO-DV	RE	-
MOS-15	Thermo-Hygrometer	Custom	CTH-180	RE	2006/01/19 * 24
MBA-05	Biconical Antenna	Schwarzbeck	BBA9106	RE	2006/01/29 * 12
MLA-08	Logperiodic Antenna	Schwarzbeck	UKLP9140-A	RE	2006/01/29 * 12
MAT-31	Attenuator(6dB)	TME	UFA-01	RE	2006/03/11 * 12
MPA-14	Pre Amplifier	SONOA INSTRUMENT	310	RE	2006/03/25 * 12
MCC-50	Coaxial cable	UL Apex	-	RE	2006/03/09 * 12

The expiration date of the calibration is the end of the expired month.
All equipment is calibrated with traceable calibrations. Each calibration is traceable to the national or international standards.
Test Item:

AT: Maximum Peak Output Power
RE: Spurious emission