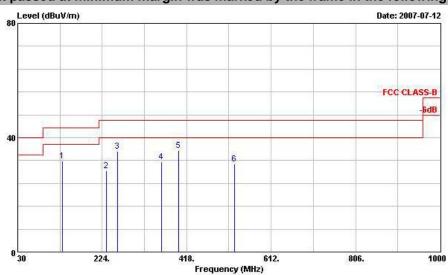
Report No.: FR770310

#### Polarization : Vertical

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



Site :03CH04-HY
Condition:FCC CLASS-B 3m ANT2724 VERTICAL
EUT :802.11g USB Wireless adapter
POWER :From Notebook

MODEL :FR 770310

:11b Tx\_Chl1;2462MHz MODE

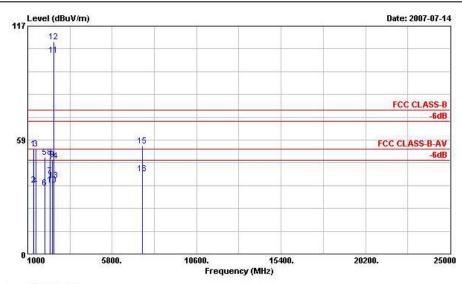
Data Rate:11

aca Nace.II			0ver	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
1	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	7
1	132.330	31.81	-11.69	43.50	52.06	11.28	1.33	32.87			Peak
2	232.770	28.50	-17.50	46.00	48.30	11.24	1.80	32.84			Peak
3	259.770	35.25	-10.75	46.00	53.67	12.52	1.93	32.87	95,000	8.000	Peak
4	360.200	31.54	-14.46	46.00	47.83	14.38	2.17	32.84	1000		Peak
5	399.400	35.40	-10.60	46.00	50.18	15.75	2.33	32.86	100	129	Peak
6	528.200	30.70	-15.30	46.00	42.70	17.75	2.70	32.45			Peak

SPORTON International Inc.

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# Report No.: FR770310



Site :03CH04-HY
Condition:FCC CLASS-B 3m HF-ANT VERTICAL
EUT :802.11g USB Wireless adapter

POWER :From Notebook MODEL :FR 770310

MODE :11b Data Rate:11 :11b Tx\_Ch11;2462MHz

			0ver	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	( <del>2                                   </del>
1	1332.000	53.73	-20.27	74.00	58.37	26.70	2.60	33.95	100	0	Peak
2	1332.000	35.28	-18.72	54.00	39.92	26.70	2.60	33.95	100	283	Average
3	1454.000	53.82	-20.18	74.00	57.77	27.09	2.73	33.77	100	0	Peak
4	1454.000	34.88	-19.12	54.00	38.83	27.09	2.73	33.77	100	268	Average
5	1990.000	49.71	-24.29	74.00	48.93	31.16	3.31	33.70	100	0	Peak
6	1990.000	33.78	-20.22	54.00	33.00	31.16	3.31	33.70	100	311	Average
7	2260.000	40.11	-13.89	54.00	39.44	30.83	3.59	33.75	100	325	Average
8	2260.000	49.68	-24.32	74.00	49.01	30.83	3.59	33.75	100	0	Peak
9	2382.000	48.58	-25.42	74.00	48.00	30.62	3.74	33.78	100	0	Peak
10	2382.000	35.35	-18.65	54.00	34.77	30.62	3.74	33.78	100	268	Average
11 @	2462.000	101.89			101.41	30.46	3.81	33.79	100	268	Average
12 @	2462.000	108.97			108.49	30.46	3.81	33.79	100	0	Peak
13	2483.500	37.74	-16.26	54.00	37.27	30.43	3.84	33.80	100	268	Average
14	2483.500	47.82	-26.18	74.00	47.35	30.43	3.84	33.80	100	0	Peak
15	7533.000	55.26	-18.74	74.00	43.35	39.13	6.57	33.79	100	0	Peak
16	7533.000	41.20	-12.80	54.00	29.29	39.13	6.57	33.79	100	233	Average

Remark: #11 and #12 Fundamental Signal

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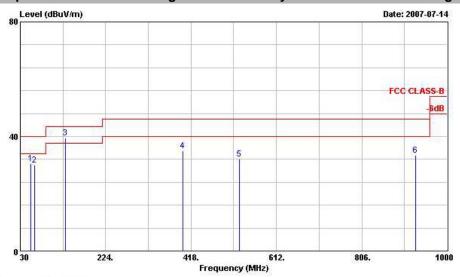
Test Mode : Mode 7Polarization : Horizontal

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

Report No.: FR770310

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Page No.



site :03CH04-HY

Condition: FCC CLASS-B 3m ANT2724 HORIZONTAL

EUT :802.11g USB Wireless adapter

POWER :From Notebook MODEL :FR 770310

MODE :11g Tx\_Ch01;2412MHz

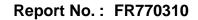
Data Rate:6

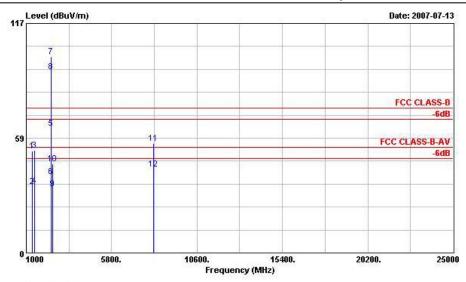
	10207		0ver	Limit	Readi	Intenna	Cable	Preamp	Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
1	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB -	cm.	deg	
1	53.490	30.47	-9.53	40.00	56.61	5.93	0.81	32.88	1707	nen.	Peak
2	61.860	29.92	-10.08	40.00	58.02	3.84	0.87	32.81			Peak
3 !	132.060	39.57	-3.93	43.50	59.82	11.28	1.33	32.87	100	54	Peak
4	399.400	35.09	-10.91	46.00	49.87	15.75	2.33	32.86			Peak
5	528.200	32.20	-13.80	46.00	44.20	17.75	2.70	32.45	· 707	1000	Peak
6	928.600	33.51	-12.49	46.00	37.12	24.23	3.58	31.42			Peak

SPORTON International Inc.

 TEL: 886-2-2696-2468
 Report Issued Date : Jul. 20, 2007

 FAX: 886-2-2696-2255
 Report Version : Rev. 01





:03CH04-HY Site

Condition: FCC CLASS-B 3m HF-ANT HORIZONTAL :802.11g USB Wireless adapter

:From Notebook :FR 770310 :11g Tx\_Ch01;2412MHz POWER

MODEL MODE

Data Rate:6

-		0ver	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
MHz	dBuV/m	dB	$\overline{\mathtt{dBuV/m}}$	dBuV	dB/m	dB	dB -	cm	deg	<del>-</del>
1324.000	51.99	-22.01	74.00	56.69	26.65	2.60	33.95	100	0	Peak
1324.000	34.04	-19.96	54.00	38.74	26.65	2.60	33.95	100	268	Average
1454.000	52.15	-21.85	74.00	56.10	27.09	2.73	33.77	100	0	Peak
1454.000	34.21	-19.79	54.00	38.16	27.09	2.73	33.77	100	268	Average
2390.000	63.57	-10.43	74.00	63.03	30.59	3.74	33.78	100	0	Peak
2390.000	38.85	-15.15	54.00	38.31	30.59	3.74	33.78	100	273	Average
2412.000	100.25			99.71	30.56	3.76	33.78	100	0	Peak
2412.000	92.29			91.75	30.56	3.76	33.78	100	273	Average
2486.130	32.69	-21.31	54.00	32.22	30.43	3.84	33.80	100	273	Average
2486.130	45.36	-28.64	74.00	44.89	30.43	3.84	33.80	100	0	Peak
8142.000	55.82	-18.18	74.00	43.35	39.44	6.83	33.81	100	0	Peak
8142.000	42.58	-11.42	54.00	30.11	39.44	6.83	33.81	100	272	Average
	MHz 1324.000 1324.000 1454.000 1454.000 2390.000 2390.000 2412.000 2412.000 2486.130 2486.130 8142.000	MHz dBuV/m  1324.000 51.99 1324.000 34.04 1454.000 52.15 1454.000 34.21 2390.000 63.57 2390.000 38.85 2412.000 100.25 2412.000 92.29 2486.130 32.69 2486.130 45.36 8142.000 55.82	Freq         Level         Limit           MHz         dBuV/m         dB           1324.000         51.99         -22.01           1324.000         34.04         -19.96           1454.000         52.15         -21.85           1454.000         34.21         -19.79           2390.000         63.57         -10.43           2390.000         38.85         -15.15           2412.000         100.25           2412.000         92.29           2486.130         32.69         -21.31           2486.130         45.36         -28.64           8142.000         55.82         -18.18	Freq         Level         Limit         Lime           MHz         dBuV/m         dB dBuV/m           1324.000         51.99         -22.01         74.00           1324.000         34.04         -19.96         54.00           1454.000         52.15         -21.85         74.00           1454.000         34.21         -19.79         54.00           2390.000         63.57         -10.43         74.00           2390.000         38.85         -15.15         54.00           2412.000         92.29         2486.130         32.69         -21.31         54.00           2486.130         35.69         -21.31         54.00         55.82         -18.18         74.00	Freq         Level         Limit         Line         Level           MHz         dBuV/m         dBuV/m         dBuV/m         dBuV           1324.000         51.99         -22.01         74.00         56.69           1324.000         34.04         -19.96         54.00         38.74           1454.000         52.15         -21.85         74.00         56.10           1454.000         34.21         -19.79         54.00         38.16           2390.000         63.57         -10.43         74.00         63.03           2390.000         38.85         -15.15         54.00         38.31           2412.000         100.25         99.71           2486.130         32.69         -21.31         54.00         32.22           2486.130         45.36         -28.64         74.00         44.89           8142.000         55.82         -18.18         74.00         43.35	Freq         Level         Limit         Line         Level         Factor           MHz         dBuV/m         dB dBuV/m         dBuV         dBuV         dB/m           1324.000         51.99         -22.01         74.00         56.69         26.65           1324.000         34.04         -19.96         54.00         38.74         26.65           1454.000         52.15         -21.85         74.00         56.10         27.09           2390.000         63.57         -10.43         74.00         63.03         30.59           2390.000         38.85         -15.15         54.00         38.31         30.59           2412.000         100.25         99.71         30.56           2486.130         32.69         -21.31         54.00         32.22         30.43           2486.130         36.6         -28.64         74.00         44.89         30.43           38142.000         55.82         -18.18         74.00         43.35         39.44	Freq         Level         Limit         Line         Level         Factor         Loss           MHz         dBuV/m         dB dBuV/m         dBuV         dB/m         dB/m         dB           1324.000         51.99         -22.01         74.00         56.69         26.65         2.60           1324.000         34.04         -19.96         54.00         38.74         26.65         2.60           1454.000         52.15         -21.85         74.00         56.10         27.09         2.73           2390.000         63.57         -10.43         74.00         63.03         30.59         3.74           2390.000         38.85         -15.15         54.00         38.31         30.59         3.74           2412.000         100.25         99.71         30.56         3.76           2486.130         32.69         -21.31         54.00         32.22         30.43         3.84           2486.130         45.36         -28.64         74.00         44.89         30.43         3.84           3142.000         55.82         -18.18         74.00         43.35         39.44         6.83	Freq         Level         Limit         Line         Level         Factor         Loss         Factor           MHz         dBuV/m         dB         dBuV/m         dBuV         dB/m         dB         dB           1324.000         51.99         -22.01         74.00         56.69         26.65         2.60         33.95           1324.000         34.04         -19.96         54.00         38.74         26.65         2.60         33.95           1454.000         52.15         -21.85         74.00         56.10         27.09         2.73         33.77           2390.000         63.57         -10.43         74.00         63.03         30.59         3.74         33.78           2390.000         38.85         -15.15         54.00         38.31         30.59         3.74         33.78           2412.000         90.25         91.73         30.56         3.76         33.78           2486.130         32.69         -21.31         54.00         32.22         30.43         3.84         33.80           2486.130         45.36         -28.64         74.00         44.89         30.43         3.84         33.80           2486.130         55	Freq         Level         Limit         Line         Level         Factor         Loss         Factor         Pos           MHz         dBuV/m         dB         dBuV         dBuV         dB/m         dB         dB         cm           1324.000         51.99         -22.01         74.00         56.69         26.65         2.60         33.95         100           1324.000         34.04         -19.96         54.00         38.74         26.65         2.60         33.95         100           1454.000         52.15         -21.85         74.00         56.10         27.09         2.73         33.77         100           2390.000         63.57         -10.43         74.00         63.03         30.59         3.74         33.78         100           2390.000         38.85         -15.15         54.00         38.31         30.59         3.74         33.78         100           2412.000         100.25         99.71         30.56         3.76         33.78         100           2486.130         32.69         -21.31         54.00         32.22         30.43         3.84         33.80         100           2486.130         35.82 <t< td=""><td>Freq         Level         Limit         Line         Level         Factor         Loss         Factor         Pos         Pos           MHz         dBuV/m         dB         dBuV         dB         dB         dB         cm         deg           1324.000         51.99         -22.01         74.00         56.69         26.65         2.60         33.95         100         0           1324.000         34.04         -19.96         54.00         38.74         26.65         2.60         33.95         100         268           1454.000         52.15         -21.85         74.00         56.10         27.09         2.73         33.77         100         0           2390.000         63.57         -10.43         74.00         63.03         30.59         3.74         33.78         100         0           2390.000         38.85         -15.15         54.00         38.31         30.59         3.74         33.78         100         0           2412.000         100.25         99.71         30.56         3.76         33.78         100         0           2486.130         32.69         -21.31         54.00         32.22         30.43         <t< td=""></t<></td></t<>	Freq         Level         Limit         Line         Level         Factor         Loss         Factor         Pos         Pos           MHz         dBuV/m         dB         dBuV         dB         dB         dB         cm         deg           1324.000         51.99         -22.01         74.00         56.69         26.65         2.60         33.95         100         0           1324.000         34.04         -19.96         54.00         38.74         26.65         2.60         33.95         100         268           1454.000         52.15         -21.85         74.00         56.10         27.09         2.73         33.77         100         0           2390.000         63.57         -10.43         74.00         63.03         30.59         3.74         33.78         100         0           2390.000         38.85         -15.15         54.00         38.31         30.59         3.74         33.78         100         0           2412.000         100.25         99.71         30.56         3.76         33.78         100         0           2486.130         32.69         -21.31         54.00         32.22         30.43 <t< td=""></t<>

Remark: #7 and #8 Fundamental Signal

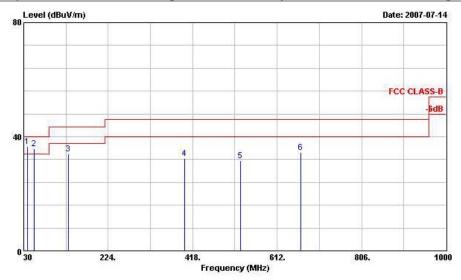
SPORTON International Inc.

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Report No.: FR770310

## Polarization : Vertical

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



:03CH04-HY Site

Condition: FCC CLASS-B 3m ANT2724 VERTICAL EUT POWER :802.11g USB Wireless adapter

:From Notebook :FR 770310 MODEL :11g Tx\_Ch01;2412MHz MODE

Data Rate:6

	102500.000		0ver	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 !	38.100	36.70	-3.30	40.00	55.38	13.61	0.70	32.98	100	326	Peak
2 !	53.490	35.88	-4.12	40.00	62.02	5.93	0.81	32.88			Peak
3	133,140	33.89	-9.61	43.50	54.22	11.20	1.34	32.87			Peak
4	399.400	32.44	-13.56	46.00	47.22	15.75	2.33	32.86			Peak
5	528.200	31.55	-14.45	46.00	43.55	17.75	2.70	32.45			Peak
6	666.100	34.46	-11.54	46.00	43.32	20.06	3.12	32.04			Peak

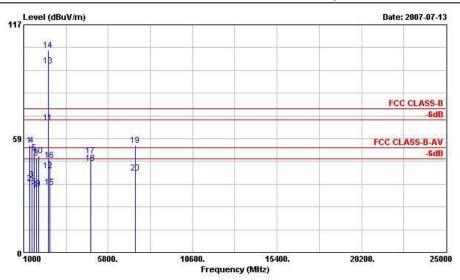
SPORTON International Inc.

TEL: 886-2-2696-2468 Report Issued Date : Jul. 20, 2007 : Rev. 01 FAX: 886-2-2696-2255 Report Version

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Report No.: FR770310



:03CH04-HY

Condition: FCC CLASS-B 3m HF-ANT VERTICAL :802.11g USB Wireless adapter :From Notebook EUT POWER

MODEL :FR 770310

MODE :11g Tx\_Ch01;2412MHz

Data Rate:6

			0ver	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm cm	deg	-
1	1324.000	54.91	-19.09	74.00	59.61	26.65	2.60	33.95	100	0	Peak
1 2 3	1324.000	35.26	-18.74	54.00	39.96	26.65	2.60	33.95	100	124	Average
3	1454.000	37.15	-16.85	54.00	41.10	27.09	2.73	33.77	100	163	Average
4	1454.000	55.13	-18.87	74.00	59.08	27.09	2.73	33.77	100	0	Peak
4 5	1590.000	51.28	-22.72	74.00	54.07	28.02	2.89	33.70	100	0	Peak
6	1590.000	33.68	-20.32	54.00	36.47	28.02	2.89	33.70	100	171	Average
7	1732.000	32.13	-21.87	54.00	33.69	29.11	3.02	33.70	100	217	Average
6 7 8 9	1732.000	48.45	-25.55	74.00	50.01	29.11	3.02	33.70	100	0	Peak
9	1854.000	32.54	-21.46	54.00	32.99	30.07	3.18	33.70	100	217	Average
10	1854.000	49.82	-24.18	74.00	50.27	30.07	3.18	33.70	100	0	Peak
11	2390.000	66.54	-7.46	74.00	66.00	30.59	3.74	33.78	100	0	Peak
12	2390.000	41.81	-12.19	54.00	41.27	30.59	3.74	33.78	100	357	Average
13 @	2412.000	95.76			95.22	30.56	3.76	33.78	100	357	Average
14 X	2412.000	103.89			103.35	30.56	3.76	33.78	100	0	Peak
15	2484.610	33.31	-20.69	54.00	32.84	30.43	3.84	33.80	100	357	Average
16	2484.610	47.52	-26.48	74.00	47.05	30.43	3.84	33.80	100	0	Peak
17	4821.000	49.54	-24.46	74.00	44.51	33.45	5.88	34.30	100	0	Peak
18	4821.000	45.65	-8.35	54.00	40.62	33.45	5.88	34.30	100	253	Average
19	7338.000	54.97	-19.03	74.00	43.22	38.67	6.49	33.41	100	0	Peak
20	7338.000	40.78	-13.22	54.00	29.03	38.67	6.49	33.41	100	155	Average

Remark: #13 and #14 Fundamental Signal

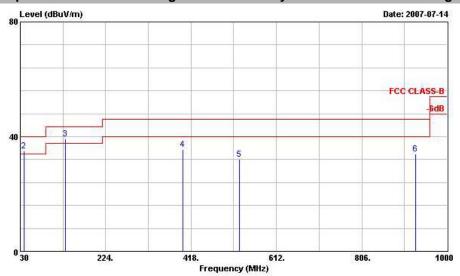
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Test Mode : Mode 8 Polarization : Horizontal

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

Report No.: FR770310



Site :03CH04-HY

Condition: FCC CLASS-B 3m ANT2724 HORIZONTAL

:802.11g USB Wireless adapter EUT

POWER :From Notebook

MODEL :FR 770310

:11g Tx\_Ch06;2437MHz MODE

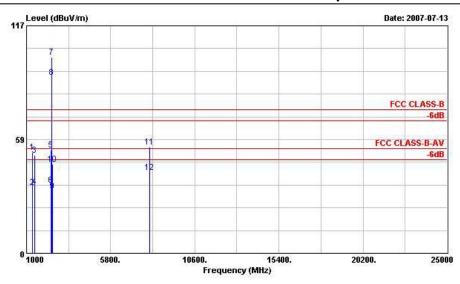
Data Rate: 6

	Freq		0ver	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
		Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
2	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB -	cm	deg	
1 !	30.000	35.50	-4.50	40.00	51.38	16.38	0.63	32.89			Peak
2 !	38.910	35.07	-4.93	40.00	54.59	12.71	0.71	32.94			Peak
3 !	133.140	39.34	-4.16	43.50	59.67	11.20	1.34	32.87	107	221	Peak
4	399.400	35.50	-10.50	46.00	50.28	15.75	2.33	32.86			Peak
5	528.200	32.16	-13.84	46.00	44.16	17.75	2.70	32.45	17.00m	1000	Peak
6	928.600	33.83	-12.17	46.00	37.44	24.23	3.58	31.42			Peak

SPORTON International Inc.

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Report No.: FR770310



:03CH04-HY

Condition: FCC CLASS-B 3m HF-ANT HORIZONTAL
EUT :802.11g USB Wireless adapter
POWER :From Notebook
MODEL :FR 770310

MODE :11g Tx\_Ch06;2437MHz

Data Rate:6

			Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB -	cm	deg	
1	1324.000	51.79	-22.21	74.00	56.49	26.65	2.60	33.95	100	0	Peak
2	1324.000	34.01	-19.99	54.00	38.71	26.65	2.60	33.95	100	268	Average
3	1454.000	50.52	-23.48	74.00	54.47	27.09	2.73	33.77	100	0	Peak
4	1454.000	34.25	-19.75	54.00	38.20	27.09	2.73	33.77	100	268	Average
5	2390.000	53.24	-20.76	74.00	52.70	30.59	3.74	33.78	100	0	Peak
6	2390.000	34.90	-19.10	54.00	34.36	30.59	3.74	33.78	100	273	Average
7 X	2437.000	100.78			100.29	30.49	3.79	33.79	100	0	Peak
8 X	2437.000	90.48			89.98	30.49	3.79	33.79	100	273	Average
9	2483.500	32.13	-21.87	54.00	31.66	30.43	3.84	33.80	100	273	Average
10	2483.500	45.77	-28.23	74.00	45.30	30.43	3.84	33.80	100	0	Peak
11	8034.000	54.75	-19.25	74.00	42.13	39.49	6.77	33.64	100	0	Peak
12	8034.000	41.74	-12.26	54.00	29.12	39.49	6.77	33.64	100	272	Average

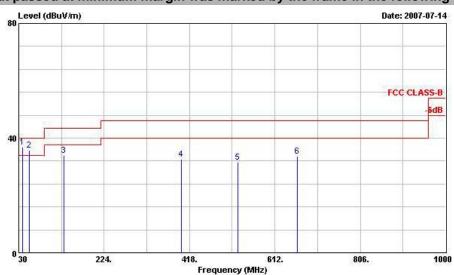
Remark: #7 and #8 Fundamental Signal

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Report No.: FR770310

# Polarization : Vertical

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



Site :03CH04-HY

Condition: FCC CLASS-B 3m ANT2724 VERTICAL EUT :802.11g USB Wireless adapter POWER :From Notebook

MODEL :FR 770310

MODE :11g Tx\_Ch06;2437MHz

Data Rate:6

	54 <b>—</b> 0990300	Vrog	Frag	From	From		0ver	Limit	Readi	Antenna	Cable	Preamp	Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark				
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg					
1 !	37.830	36.74	-3.26	40.00	55.42	13.61	0.70	32.98	110	136	Peak				
2 !	53.490	35.85	-4.15	40.00	61.99	5.93	0.81	32.88		HHE	Peak				
3	133.140	33.86	-9.64	43.50	54.19	11.20	1.34	32.87	955,000	8 <del>10 10 10</del>	Peak				
4	399.400	32.75	-13.25	46.00	47.53	15.75	2.33	32.86			Peak				
5	528.200	31.48	-14.52	46.00	43.48	17.75	2.70	32.45	2022		Peak				
6	662.600	33.78	-12.22	46.00	42.65	20.05	3.12	32.04			Peak				

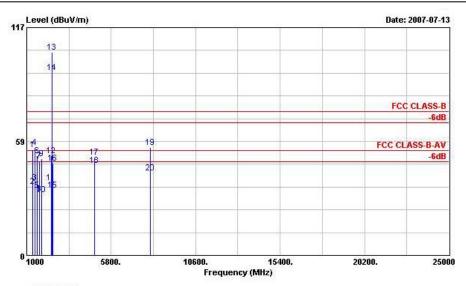
SPORTON International Inc.

TEL: 886-2-2696-2468 Report Issued Date : Jul. 20, 2007 : Rev. 01 FAX: 886-2-2696-2255 Report Version

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# Report No.: FR770310



:03CH04-HY

Condition: FCC CLASS-B 3m HF-ANT VERTICAL EUT :802.11g USB Wireless adapter EUT POWER

:From Notebook :FR 770310 MODEL MODE :11g Tx\_Ch06;2437MHz

Data Rate:6

			0ver	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB -	cm	deg	-
1	1324.000	54.39	-19.61	74.00	59.09	26.65	2.60	33.95	100	0	Peak
2	1324.000	35.40	-18.60	54.00	40.10	26.65	2.60	33.95	100	124	Average
3	1454.000	37.34	-16.66	54.00	41.29	27.09	2.73	33.77	100	163	Average
4	1454.000	55.30	-18.70	74.00	59.25	27.09	2.73	33.77	100	0	Peak
4 5	1596.000	33.67	-20.33	54.00	36.46	28.02	2.89	33.70	100	171	Average
6	1596.000	51.00	-23.00	74.00	53.79	28.02	2.89	33.70	100	0	Peak
7	1724.000	48.62	-25.38	74.00	50.18	29.11	3.02	33.70	100	0	Peak
8	1724.000	31.70	-22.30	54.00	33.26	29.11	3.02	33.70	100	217	Average
9	1860.000	49.78	-24.22	74.00	50.09	30.21	3.18	33.70	100	0	Peak
10	1860.000	31.02	-22.98	54.00	31.33	30.21	3.18	33.70	100	217	Average
11	2390.000	37.44	-16.56	54.00	36.90	30.59	3.74	33.78	100	357	Average
12	2390.000	51.36	-22.64	74.00	50.82	30.59	3.74	33.78	100	0	Peak
13 X	2437.000	104.49			103.99	30.49	3.79	33.79	100	0	Peak
14 @	2437.000	94.06			93.56	30.49	3.79	33.79	100	357	Average
15	2483.500	33.36	-20.64	54.00	32.89	30.43	3.84	33.80	100	357	Average
16	2483.500	47.19	-26.81	74.00	46.72	30.43	3.84	33.80	100	0	Peak
17	4869.000	50.40	-23.60	74.00	45.21	33.59	5.91	34.30	100	0	Peak
18	4869.000	46.37	-7.63	54.00	41.18	33.59	5.91	34.30	100	273	Average
19	8010.000	55.52	-18.48	74.00	42.86	39.50	6.76	33.60	100		Peak
20	8010.000	42.21	-11.79	54.00	29.55	39.50	6.76	33.60	100	60	Average

Remark: #13 and #14 Fundamental Signal

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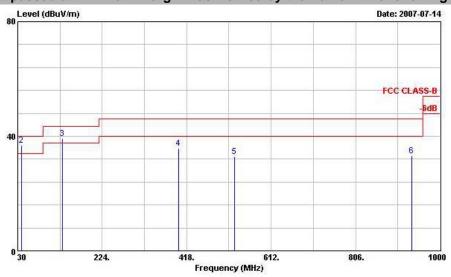
Test Mode : Mode 9Polarization : Horizontal

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

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Page No.



site :03CH04-HY

Condition: FCC CLASS-B 3m ANT2724 HORIZONTAL

EUT :802.11g USB Wireless adapter

POWER :From Notebook MODEL :FR 770310

MODE :11g Tx\_Ch11;2462MHz

Data Rate:6

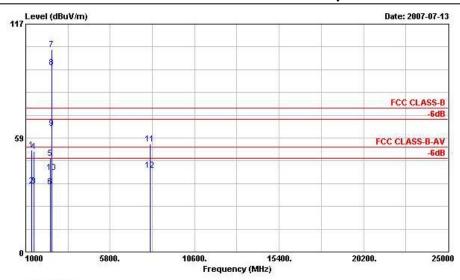
	Freq	Level	Over Limit			Antenna Factor		Preamp Factor	Ant Pos	Table Pos	Remark
-		dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 !	30.000	34.23	-5.77	40.00	50.11	16.38	0.63	32.89			Peak
2 !	39.180	36.81	-3.19	40.00	56.33	12.71	0.71	32.94	100	84	Peak
3 !	132.330	39.31	-4.19	43.50	59.56	11.28	1.33	32.87			Peak
4	399.400	35.67	-10.33	46.00	50.45	15.75	2.33	32.86			Peak
5	528.200	32.86	-13.14	46.00	44.86	17.75	2.70	32.45			Peak
6	934.200	33.25	-12.75	46.00	36.72	24.37	3.58	31.42			Peak

SPORTON International Inc.

 TEL: 886-2-2696-2468
 Report Issued Date : Jul. 20, 2007

 FAX: 886-2-2696-2255
 Report Version : Rev. 01

Report No.: FR770310



Site :03CH04-HY
Condition:FCC CLASS-B 3m HF-ANT HORIZONTAL
EUT :802.11g USB Wireless adapter
POWER :From Notebook

MODEL :FR 770310

:11g Tx\_Chl1;2462MHz MODE

Data Rate:6

			0ver	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB -	cm	deg	**
1	1324.000	52.19	-21.81	74.00	56.89	26.65	2.60	33.95	100	0	Peak
2	1324.000	33.99	-20.01	54.00	38.69	26.65	2.60	33.95	100	268	Average
3	1454.000	33.85	-20.15	54.00	37.80	27.09	2.73	33.77	100	268	Average
4	1454.000	51.72	-22.28	74.00	55.67	27.09	2.73	33.77	100	0	Peak
5	2387.330	48.07	-25.93	74.00	47.49	30.62	3.74	33.78	100	0	Peak
6	2387.330	33.57	-20.43	54.00	33.02	30.59	3.74	33.78	100	0	Average
7 X	2462.000	103.93			103.45	30.46	3.81	33.79	100	0	Peak
8 @	2462.000	94.63			94.15	30.46	3.81	33.79	100	0	Average
9	2483.500	63.36	-10.64	74.00	62.89	30.43	3.84	33.80	100	0	Peak
10	2483.500	40.82	-13.18	54.00	40.35	30.43	3.84	33.80	100	0	Average
11	8049.000	55.38	-18.62	74.00	42.76	39.48	6.78	33.64	100	0	Peak
12	8049.000	41.85	-12.15	54.00	29.23	39.48	6.78	33.64	100	235	Average

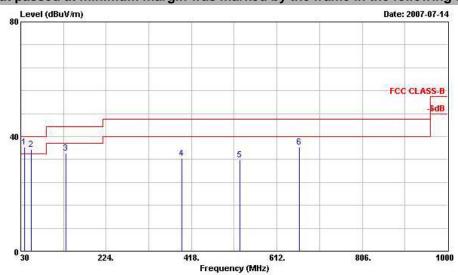
Remark: #7 and #8 Fundamental Signal

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Polarization : Vertical

Report No.: FR770310

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



:03CH04-HY Site

Condition: FCC CLASS-B 3m ANT2724 VERTICAL EUT :802.11g USB Wireless adapter

POWER :From Notebook MODEL :FR 770310

:11g Tx\_Chl1;2462MHz MODE

Data Rate:6

			0ver	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 !	39.180	36.41	-3.59	40.00	55.93	12.71	0.71	32.94	110	247	Peak
2 !	53.490	35.43	-4.57	40.00	61.57	5.93	0.81	32.88			Peak
3	133.140	34.17	-9.33	43.50	54.50	11.20	1.34	32.87			Peak
4	396.600	32.43	-13.57	46.00	47.32	15.65	2.32	32.86			Peak
5	528.200	31.78	-14.22	46.00	43.78	17.75	2.70	32.45			Peak
6	662.600	36.39	-9.61	46.00	45.26	20.05	3.12	32.04			Peak

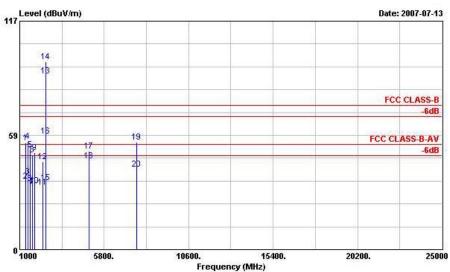
SPORTON International Inc.

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:03CH04-HY

Condition: FCC CLASS-B 3m HF-ANT VERTICAL EUT :802.11g USB Wireless adapter POWER :From Notebook MODEL :FR 770310

MODE :11g Tx\_Ch11;2462MHz

Data Rate:6

			0ver	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	-
1	1324.000	54.67	-19.33	74.00	59.37	26.65	2.60	33.95	100	0	Peak
2	1324.000	35.21	-18.79	54.00	39.91	26.65	2.60	33.95	100	124	Average
3	1454.000	37.20	-16.80	54.00	41.15	27.09	2.73	33.77	100	163	Average
4 5 6 7	1454.000	55.35	-18.65	74.00	59.30	27.09	2.73	33.77	100	0	Peak
5	1590.000	51.21	-22.79	74.00	54.00	28.02	2.89	33.70	100	0	Peak
6	1590.000	33.69	-20.31	54.00	36.48	28.02	2.89	33.70	100	171	Average
7	1724.000	32.24	-21.76	54.00	33.80	29.11	3.02	33.70	100	217	Average
8	1724.000	48.53	-25.47	74.00	50.09	29.11	3.02	33.70	100	0	Peak
9	1862.000	49.67	-24.33	74.00	49.98	30.21	3.18	33.70	100	0	Peak
10	1862.000	32.67	-21.33	54.00	32.98	30.21	3.18	33.70	100	217	Average
11	2321.780	31.91	-22.09	54.00	31.30	30.71	3.66	33.77	100	135	Average
12	2321.780	44.91	-29.09	74.00	44.37	30.59	3.74	33.78	100	0	Peak
13 @	2462.000	88.82			88.34	30.46	3.81	33.79	100	135	Average
14 X	2462.000	96.34			95.86	30.46	3.81	33.79	100	0	Peak
15	2483.500	34.42	-19.58	54.00	33.95	30.43	3.84	33.80	100	135	Average
16	2483.500	57.94	-16.06	74.00	57.47	30.43	3.84	33.80	100	0	Peak
17	4926.000	50.39	-23.61	74.00	45.02	33.72	5.95	34.30	100	0	Peak
18	4926.000	45.47	-28.53	74.00	40.10	33.72	5.95	34.30	100	187	Peak
19	7662.000	55.13	-18.87	74.00	43.01	39.23	6.63	33.74	100	0	Peak
20	7662.000	41.11	-12.89	54.00	28.99	39.23	6.63	33.74	100	336	Average

Remark: #13 and #14 Fundamental Signal

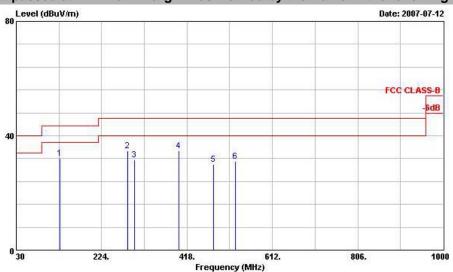
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• Test Mode: Mode 10 Polarization : Horizontal

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

Report No.: FR770310



:03CH04-HY

Condition: FCC CLASS-B 3m ANT2724 HORIZONTAL

:802.11g USB Wireless adapter

:From Notebook POWER

MODEL :FR 770310 MODE :11g Tx\_Ch11;2462MHz

Data Rate: 6

	7			0ver	Limit	Read	Antenna	Cable	Preamp	Ant	Table		
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark		
		MHz	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	-
1	128.820	32.07	-11.43	43.50	52.07	11.55	1.31	32.86			Peak		
2 @	283.530	34.84	-11.16	46.00	53.29	12.40	1.99	32.83	100	219	Peak		
3	298.380	31.51	-14.49	46.00	49.98	12.32	2.03	32.81			Peak		
4	399.400	34.61	-11.39	46.00	49.39	15.75	2.33	32.86			Peak		
5	478.500	30.01	-15.99	46.00	43.48	16.65	2.55	32.68			Peak		
6	528.200	31.09	-14.91	46.00	43.09	17.75	2.70	32.45			Peak		

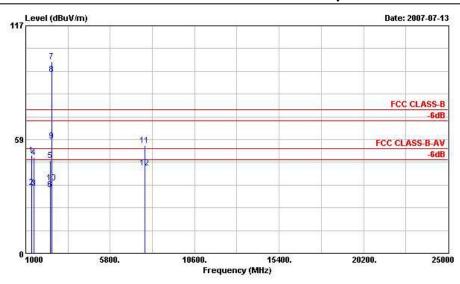
SPORTON International Inc.

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:03CH04-HY

Condition: FCC CLASS-B 3m HF-ANT HORIZONTAL EUT: 802.11g USB Wireless adapter POWER: From Notebook

MODEL :FR 770310

MODE :11g Tx\_Chl1;2462MHz

Data Rate: 6

			0ver	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	7
1	1324.000	50.36	-23.64	74.00	55.06	26.65	2.60	33.95	100	0	Peak
2	1324.000	34.00	-20.00	54.00	38.70	26.65	2.60	33.95	100	268	Average
3	1454.000	33.55	-20.45	54.00	37.50	27.09	2.73	33.77	100	268	Average
4	1454.000	49.39	-24.61	74.00	53.34	27.09	2.73	33.77	100	0	Peak
5	2384.860	47.83	-26.17	74.00	47.29	30.59	3.74	33.78	100	0	Peak
6	2384.860	32.76	-21.24	54.00	32.18	30.62	3.74	33.78	100	272	Average
7 @	2462.000	98.57			98.09	30.46	3.81	33.79	100	0	Peak
8 @	2462.000	92.00			91.52	30.46	3.81	33.79	100	272	Average
9	2483.850	57.54	-16.46	74.00	57.07	30.43	3.84	33.80	100	0	Peak
10	2483.850	35.99	-18.01	54.00	35.52	30.43	3.84	33.80	100	272	Average
11	7782.000	55.47	-18.53	74.00	43.16	39.33	6.67	33.69	\$5000	15 ac	Peak
12 @	7782.000	43.73	-10.27	54.00	31.42	39.33	6.67	33.69	100	255	Average

Remark: #7 and #8 Fundamental Signal

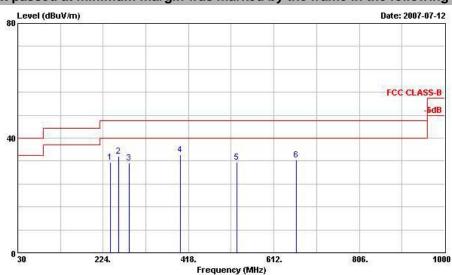
SPORTON International Inc.

Report Issued Date : Jul. 20, 2007 TEL: 886-2-2696-2468 : Rev. 01 FAX: 886-2-2696-2255 Report Version

Report No.: FR770310

#### Polarization : Vertical

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



Site :03CH04-HY

Condition: FCC CLASS-B 3m ANT2724 VERTICAL EUT :802.11g USB Wireless adapter POWER :From Notebook

MODEL :FR 770310 MODE :11g Tx\_Chl1;2462MHz

Data Rate:6

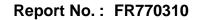
			Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	240.060	31.67	-14.33	46.00	50.85	11.83	1.84	32.86	8422		Peak
2	259.770	33.75	-12.25	46.00	52.17	12.52	1.93	32.87	3-8-		Peak
3	283.530	31.37	-14.63	46.00	49.82	12.40	1.99	32.83	950,000	2500	Peak
4	399.400	34.33	-11.67	46.00	49.11	15.75	2.33	32.86	100	141	Peak
5	528.200	31.53	-14.47	46.00	43.53	17.75	2.70	32.45		-	Peak
6	662 600	32 34	-13 66	46 00	41 21	20.05	3 12	32 04			Dools

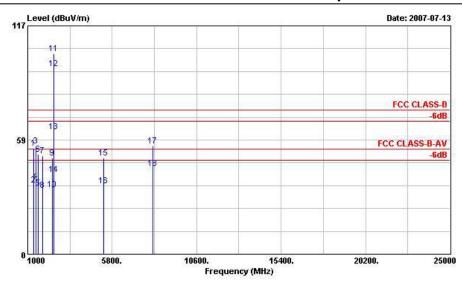
SPORTON International Inc.

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:03CH04-HY Site

Condition: FCC CLASS-B 3m HF-ANT VERTICAL EUT POWER :802.11g USB Wireless adapter

:From Notebook :FR 770310 MODEL

MODE :11g Tx\_Chl1;2462MHz

Data Rate:6

			0ver	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	-
1	1324.000	54.30	-19.70	74.00	59.00	26.65	2.60	33.95	100	360	Peak
2	1324.000	35.34	-18.66	54.00	40.04	26.65	2.60	33.95	100	120	Average
	1454.000	55.23	-18.77	74.00	59.18	27.09	2.73	33.77	100	360	Peak
4	1454.000	37.20	-16.80	54.00	41.15	27.09	2.73	33.77	100	160	Average
5 6 7 8	1596.000	33.77	-20.23	54.00	36.56	28.02	2.89	33.70	100	169	Average
6	1596.000	51.02	-22.98	74.00	53.81	28.02	2.89	33.70	100	360	Peak
7	1862.000	50.34	-23.66	74.00	50.65	30.21	3.18	33.70	100	360	Peak
8	1862.000	32.59	-21.41	54.00	32.90	30.21	3.18	33.70	100	216	Average
9	2388.000	49.37	-24.63	74.00	48.82	30.59	3.74	33.78	100	360	Peak
10	2388.000	33.01	-20.99	54.00	32.46	30.59	3.74	33.78	100	60	Average
11 0	2462.000	102.86			102.38	30.46	3.81	33.79	100	360	Peak
12 @	2462.000	94.99			94.51	30.46	3.81	33.79	100	60	Peak
13	2483.500	62.60	-11.40	74.00	62.13	30.43	3.84	33.80	100	360	Peak
14	2483.500	40.85	-13.15	54.00	40.38	30.43	3.84	33.80	100	60	Average
15	5310.000	49.15	-24.85	74.00	43.29	34.03	6.00	34.17	95000	1,000	Peak
16	5310.000	35.06	-18.94	54.00	29.20	34.03	6.00	34.17	100	59	Average
17	8094.000	55.27	-18.73	74.00	42.72	39.47	6.81	33.73			Peak
18 @	8094.000	43.78	-10.22	54.00	31.23	39.47	6.81	33.73	100	255	Average

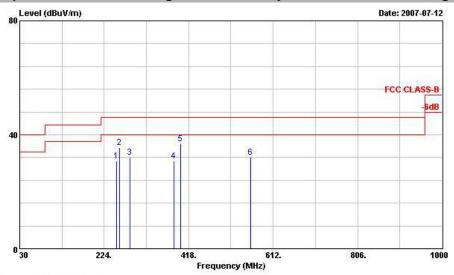
Remark: #11 and #12 Fundamental Signal

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Test Mode : Mode 11 Polarization : Horizontal

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

Report No.: FR770310



:03CH04-HY

Condition: FCC CLASS-B 3m ANT2724 HORIZONTAL

:802.11g USB Wireless adapter

:From Notebook POWER MODEL :FR 770310

:11g Tx\_Ch01;2412MHz MODE

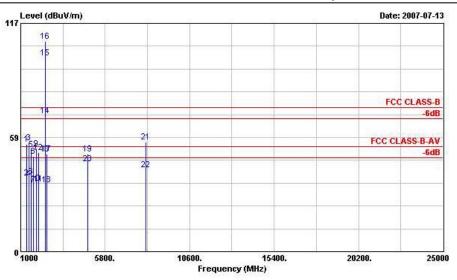
Data Rate:6

	Freq	Level	Over Limit			Antenna Factor		Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB -	- cm	deg	-
1	251.940	30.76	-15.24	46.00	49.17	12.56	1.91	32.88			Peak
2	259.770	35.40	-10.60	46.00	53.82	12.52	1.93	32.87			Peak
3	283.530	32.22	-13.78	46.00	50.67	12.40	1.99	32.83			Peak
4	383.300	30.77	-15.23	46.00	46.18	15.18	2.26	32.85			Peak
5 @	399.400	36.89	-9.11	46.00	51.67	15.75	2.33	32.86	105	93	Peak
6	559.700	32.20	-13.80	46.00	43.07	18.68	2.78	32.33			Peak

SPORTON International Inc.

Page No. : 96 of 111 TEL: 886-2-2696-2468 Report Issued Date : Jul. 20, 2007 : Rev. 01 FAX: 886-2-2696-2255 Report Version

Report No.: FR770310



:03CH04-HY

Condition: FCC CLASS-B 3m HF-ANT HORIZONTAL EUT :802.11g USB Wireless adapter POWER :From Notebook

MODEL :FR 770310

MODE :11g Tx\_Ch01;2412MHz

Data Rate:6

	The second of the second		0ver	Limit	Readi	Antenna	Cable	Preamp	Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1324.000	54.95	-19.05	74.00	59.65	26.65	2.60	33.95	100	0	Peak
2	1324.000	37.86	-36.14	74.00	42.56	26.65	2.60	33.95	100	0	Peak
3	1456.000	55.94	-18.06	74.00	59.89	27.09	2.73	33.77	100	0	Peak
	1456.000	37.17	-16.83	54.00	41.12	27.09	2.73	33.77	100	160	Average
4 5 6	1592.000	52.22	-21.78	74.00	55.01	28.02	2.89	33.70	100	0	Peak
6	1592.000	38.42	-15.58	54.00	41.21	28.02	2.89	33.70	100	155	Average
7	1724.000	34.33	-19.67	54.00	35.89	29.11	3.02	33.70	100	210	Average
8	1724.000	48.70	-25.30	74.00	50.26	29.11	3.02	33.70	100	0	Peak
9	1884.000	52.80	-21.20	74.00	52.95	30.34	3.21	33.70	100	0	Peak
10	1884.000	34.97	-19.03	54.00	35.12	30.34	3.21	33.70	100	237	Average
11	1996.000	34.83	-19.17	54.00	33.89	31.30	3.34	33.70	100	357	Average
12	1996.000	50.96	-23.04	74.00	50.02	31.30	3.34	33.70	100	0	Peak
13 @	2390.000	49.87	-4.13	54.00	49.33	30.59	3.74	33.78	100	130	Average
14 @	2390.000	69.77	-4.23	74.00	69.23	30.59	3.74	33.78	100	0	Peak
15 @	2412.000	99.34			98.80	30.56	3.76	33.78	100	130	Average
16 @	2412.000	107.70			107.16	30.56	3.76	33.78	100	0	Peak
17	2484.000	50.13	-23.87	74.00	49.66	30.43	3.84	33.80	100	0	Peak
18	2484.000	34.39	-19.61	54.00	33.92	30.43	3.84	33.80	100	130	Average
19	4821.000	49.94	-24.06	74.00	44.91	33.45	5.88	34.30	100	0	Peak
20 @	4821.000	45.11	-8.89	54.00	40.08	33.45	5.88	34.30	100	241	Average
21	8094.000	56.16	-17.84	74.00	43.61	39.47	6.81	33.73	100	0	Peak
22	8094.000	41.77	-12.23	54.00	29.22	39.47	6.81	33.73	100	287	Average

Remark: #15 and #16 Fundamental Signal

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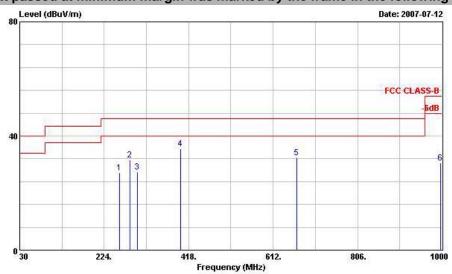
Polarization : Vertical

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

Report No.: FR770310

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Page No.



:03CH04-HY Site

Condition: FCC CLASS-B 3m ANT2724 VERTICAL

EUT POWER :802.11g USB Wireless adapter

:From Notebook :FR 770310 MODEL

MODE :11g Tx\_Ch01;2412MHz

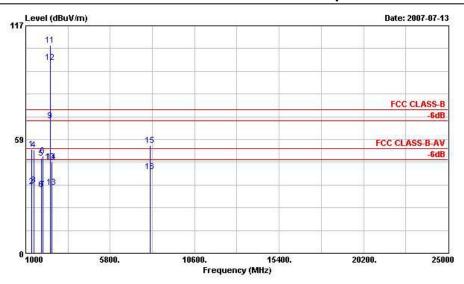
Data Rate:6

			0ver	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	$\overline{\mathtt{dBuV/m}}$	dBuV	dB/m	dB	dB	cm	deg	20
1	259.770	27.18	-18.82	46.00	45.60	12.52	1.93	32.87			Peak
2	283.530	31.67	-14.33	46.00	50.12	12.40	1.99	32.83		1000	Peak
3	299.730	27.36	-18.64	46.00	45.83	12.31	2.03	32.81			Peak
4	399.400	35.61	-10.39	46.00	50.39	15.75	2.33	32.86	100	163	Peak
5	666.100	32.28	-13.72	46.00	41.14	20.06	3.12	32.04			Peak
6	996.500	30.45	-23.55	54 00	31.75	25 95	3.74	31.00			Peak

SPORTON International Inc.

TEL: 886-2-2696-2468 Report Issued Date : Jul. 20, 2007 : Rev. 01 FAX: 886-2-2696-2255 Report Version

Report No.: FR770310



:03CH04-HY

Condition: FCC CLASS-B 3m HF-ANT VERTICAL BUT: 802.11g USB Wireless adapter POWER: From Notebook

MODEL :FR 770310

MODE :11g Tx\_Ch01;2412MHz

Data Rate:6

			0ver	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	CIV.	deg	
1	1324.000	53.43	-20.57	74.00	58.13	26.65	2.60	33.95	100	0	Peak
2	1324.000	34.19	-19.81	54.00	38.89	26.65	2.60	33.95	100	330	Average
3	1454.000	35.17	-18.83	54.00	39.12	27.09	2.73	33.77	100	167	Average
4	1454.000	53.17	-20.83	74.00	57.12	27.09	2.73	33.77	100	0	Peak
5	1878.000	48.88	-25.12	74.00	49.03	30.34	3.21	33.70	100	0	Peak
6	1878.000	32.84	-21.16	54.00	32.99	30.34	3.21	33.70	100	233	Average
7	1990.000	32.90	-21.10	54.00	32.12	31.16	3.31	33.70	100	25	Average
8	1990.000	49.88	-24.12	74.00	49.10	31.16	3.31	33.70	100	0	Peak
9 @	2390.000	68.24	-5.76	74.00	67.70	30.59	3.74	33.78	100	0	Peak
10 @	2390.000	47.03	-6.97	54.00	46.49	30.59	3.74	33.78	100	60	Average
11 @	2412.000	107.06			106.52	30.56	3.76	33.78	100	0	Peak
12 @	2412.000	98.26			97.72	30.56	3.76	33.78	100	60	Average
13	2483.500	33.99	-20.01	54.00	33.52	30.43	3.84	33.80	100	60	Average
14	2483.500	47.03	-26.97	74.00	46.56	30.43	3.84	33.80	100	0	Peak
15	8061.000	55.30	-18.70	74.00	42.72	39.48	6.78	33.68	100	0	Peak
16	8061.000	41.81	-12.19	54.00	29.23	39.48	6.78	33.68	100	237	Average

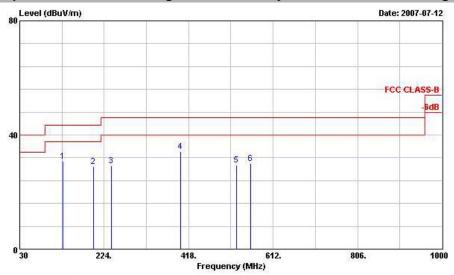
Remark: #11 and #12 Fundamental Signal

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Test Mode : Mode 12 Polarization: Horizontal

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

Report No.: FR770310



:03CH04-HY

Condition: FCC CLASS-B 3m ANT2724 HORIZONTAL

:802.11g USB Wireless adapter

POWER :From Notebook MODEL :FR 770310

MODE :11g Tx\_Ch06;2437MHz

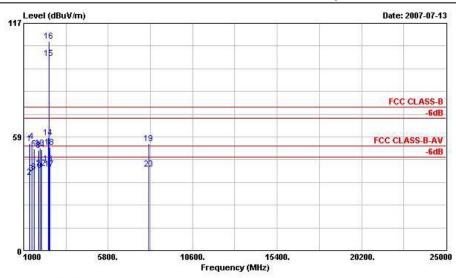
Data Rate:6

	10 <u>20</u> 0		0ver	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
		dBuV/m	dB	$\overline{\mathtt{dBuV/m}}$	dBuV	dB/m	dB	dB -	cm	deg	
1	129.900	30.87	-12.63	43.50	50.96	11.46	1.32	32.87	-75-	1000	Peak
2	200.100	29.06	-14.44	43.50	51.48	8.72	1.61	32.75			Peak
3	240.060	29.32	-16.68	46.00	48.50	11.83	1.84	32.86			Peak
4 @	399.400	34.08	-11.92	46.00	48.86	15.75	2.33	32.86	100	204	Peak
5	528.200	29.41	-16.59	46.00	41.41	17.75	2.70	32.45			Peak
6	559.700	29.96	-16.04	46.00	40.83	18.68	2.78	32.33			Peak

SPORTON International Inc.

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Report No.: FR770310



Site :03CH04-HY
Condition:FCC CLASS-B 3m HF-ANT HORIZONTAL
EUT :802.llg USB Wireless adapter

:From Notebook :FR 770310 :11g Tx\_Ch06;2437MHz POWER MODEL

MODE

Data Rate:6

			0ver	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	$\overline{\mathtt{dBuV/m}}$	dBuV	dB/m	dB	dB	cm	deg	al .
1	1324.000	55.22	-18.78	74.00	59.92	26.65	2.60	33.95	100	0	Peak
1 2 3	1324.000	37.65	-16.35	54.00	42.35	26.65	2.60	33.95	100	113	Average
3	1454.000	39.62	-14.38	54.00	43.57	27.09	2.73	33.77	100	160	Average
4	1454.000	56.25	-17.75	74.00	60.20	27.09	2.73	33.77	100	0	Peak
	1598.000	52.48	-21.52	74.00	55.27	28.02	2.89	33.70	100	0	Peak
5 6 7	1598.000	40.50	-13.50	54.00	43.29	28.02	2.89	33.70	100	155	Average
7	1862.000	42.00	-12.00	54.00	42.31	30.21	3.18	33.70	100	210	Average
8	1862.000	51.44	-22.56	74.00	51.75	30.21	3.18	33.70	100	0	Peak
9	1918.000	41.33	-12.67	54.00	41.18	30.62	3.23	33.70	100	237	Average
10	1918.000	52.82	-21.18	74.00	52.67	30.62	3.23	33.70	100	0	Peak
11	1996.000	51.78	-22.22	74.00	50.84	31.30	3.34	33.70	100	0	Peak
12 @	1996.000	42.36	-11.64	54.00	41.42	31.30	3.34	33.70	100	357	Average
13 @	2390.000	44.65	-9.35	54.00	44.11	30.59	3.74	33.78	100	130	Average
14	2390.000	58.18	-15.82	74.00	57.64	30.59	3.74	33.78	100	0	Peak
15 @	2437.000	98.97			98.47	30.49	3.79	33.79	100	130	Average
16 @	2437.000	107.84			107.34	30.49	3.79	33.79	100	0	Peak
17	2483.500	41.86	-12.14	54.00	41.39	30.43	3.84	33.80	100	130	Average
18	2483.500	53.03	-20.97	74.00	52.56	30.43	3.84	33.80	100	0	Peak
19	8121.000	55.11	-18.89	74.00	42.60	39.45	6.82	33.77	100	0	Peak
20	8121.000	41.84	-12.16	54.00	29.33	39.45	6.82	33.77	100	253	Average

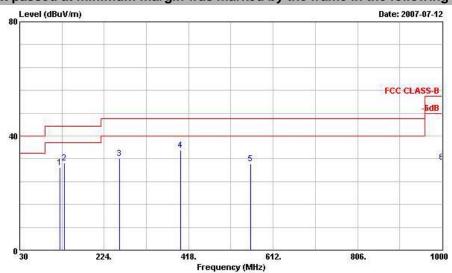
Remark: #15 and #16 Fundamental Signal

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Report No.: FR770310

#### Polarization : Vertical

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



:03CH04-HY Site

Condition: FCC CLASS-B 3m ANT2724 VERTICAL

EUT POWER :802.11g USB Wireless adapter

:From Notebook :FR 770310 MODEL

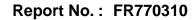
MODE :11g Tx\_Ch06;2437MHz

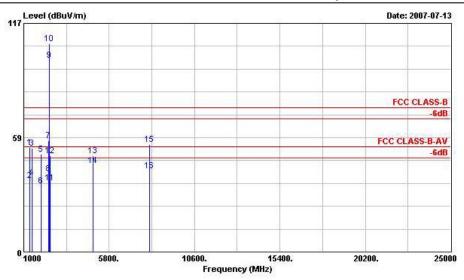
Data Rate:6

	Freq	Level	Over Limit			Antenna Factor		Preamp Factor	Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	=
1	122.610	29.07	-14.43	43.50	49.45	11.20	1.26	32.85			Peak
2	133.140	30.43	-13.07	43.50	50.76	11.20	1.34	32.87	3.7.00.00	1000	Peak
3	259.770	32.01	-13.99	46.00	50.43	12.52	1.93	32.87			Peak
4 @	399.400	35.04	-10.96	46.00	49.82	15.75	2.33	32.86	100	135	Peak
5	559.700	30.28	-15.72	46.00	41.15	18.68	2.78	32.33		-	Peak
6	1000.000	30.71	-23.29	54.00	31.86	26.05	3.76	30.96	9.70.0090	1000	Peak

SPORTON International Inc.

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:03CH04-HY

Condition: FCC CLASS-B 3m HF-ANT VERTICAL EUT: 802.11g USB Wireless adapter POWER: From Notebook

MODEL :FR 770310

MODE :11g Tx\_Ch06;2437MHz

Data Rate:6

		0ver	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	<del></del>
1326.000	53.42	-20.58	74.00	58.12	26.65	2.60	33.95	100	0	Peak
1326.000	36.48	-17.52	54.00	41.18	26.65	2.60	33.95	100	110	Average
1454.000	53.19	-20.81	74.00	57.14	27.09	2.73	33.77	100	0	Peak
1454.000	38.14	-15.86	54.00	42.09	27.09	2.73	33.77	100	167	Average
1990.000	49.87	-24.13	74.00	49.09	31.16	3.31	33.70	100	0	Peak
1990.000	33.91	-20.09	54.00	33.13	31.16	3.31	33.70	100	22	Average
2390.000	57.15	-16.85	74.00	56.61	30.59	3.74	33.78	100	0	Peak
2390.000	40.03	-13.97	54.00	39.49	30.59	3.74	33.78	100	357	Average
2437.000	98.12			97.59	30.52	3.79	33.79	100	357	Average
2437.000	106.71			106.18	30.52	3.79	33.79	100	0	Peak
2483.500	35.27	-18.73	54.00	34.80	30.43	3.84	33.80	100	357	Average
2483.500	49.16	-24.84	74.00	48.69	30.43	3.84	33.80	100	0	Peak
4878.000	49.19	-24.81	74.00	43.98	33.59	5.92	34.30	100	0	Peak
4878.000	44.24	-9.76	54.00	39.03	33.59	5.92	34.30	100	355	Average
8061.000	55.04	-18.96	74.00	42.46	39.48	6.78	33.68	100	0	Peak
8061.000	41.54	-12.46	54.00	28.96	39.48	6.78	33.68	100	355	Average
	MHz  1326.000 1326.000 1454.000 1454.000 1990.000 2390.000 2390.000 2437.000 2437.000 2483.500 4878.000 8061.000	MHz dBuV/m  1326.000 53.42  1326.000 36.48  1454.000 53.19  1454.000 38.14  1990.000 49.87  1990.000 57.15  2390.000 57.15  2390.000 40.03  2437.000 98.12  2437.000 106.71  2483.500 35.27  2483.500 49.19  4878.000 49.19  4878.000 44.24  8061.000 55.04	MHz         Level         Limit           1326.000         53.42         -20.58           1326.000         36.48         -17.52           1454.000         38.14         -15.86           1990.000         49.87         -24.13           1990.000         33.91         -20.09           2390.000         57.15         -16.85           2390.000         40.03         -13.97           2437.000         106.71         2483.500         35.27         -18.73           2483.500         49.16         -24.84         4878.000         49.19         -24.81           4878.000         49.19         -24.81         4878.000         49.19         -9.48           8061.000         55.04         -18.96	Freq         Level         Limit         Line           MHz         dBuV/m         dB dBuV/m         dBuV/m           1326.000         53.42 -20.58         74.00           1326.000         36.48 -17.52         54.00           1454.000         53.19 -20.81         74.00           1454.000         38.14 -15.86         54.00           1990.000         49.87 -24.13         74.00           1990.000         33.91 -20.09         54.00           2390.000         57.15 -16.85         74.00           2437.000         98.12           2437.000         106.71           2483.500         35.27 -18.73         54.00           4878.000         49.19 -24.81         74.00           4878.000         49.19 -24.81         74.00           8061.000         55.04 -18.96         74.00	Freq         Level         Limit         Line         Level           MHz         dBuV/m         dB dBuV/m         dBuV/m         dBuV           1326.000         53.42 -20.58         74.00         58.12           1326.000         36.48 -17.52         54.00         41.18           1454.000         53.19 -20.81         74.00         57.14           1454.000         38.14 -15.86         54.00         42.09           1990.000         49.87 -24.13         74.00         49.09           1990.000         33.91 -20.09         54.00         33.13           2390.000         57.15 -16.85         74.00         56.61           2390.000         40.03 -13.97         54.00         39.49           2437.000         98.12         97.59           2437.000         106.71         106.18           2483.500         35.27 -18.73         54.00         34.80           2487.000         49.19 -24.81         74.00         48.69           4878.000         49.19 -24.81         74.00         39.03           8061.000         55.04 -18.96         74.00         42.46	Freq         Level         Limit         Line         Level         Factor           MHz         dBuV/m         dB         dBuV/m         dBuV         dB/m           1326.000         53.42 -20.58         74.00         58.12         26.65           1326.000         36.48 -17.52         54.00         41.18         26.65           1454.000         53.19 -20.81         74.00         57.14         27.09           1454.000         38.14 -15.86         54.00         42.09         27.09           1990.000         49.87 -24.13         74.00         49.09         31.16           2390.000         57.15 -16.85         74.00         56.61         30.59           2390.000         40.03 -13.97         54.00         39.49         30.59           2437.000         98.12         97.59         30.52           2437.000         106.71         106.18         30.52           2483.500         35.27 -18.73         54.00         34.80         30.43           2483.500         49.19 -24.81         74.00         48.69         30.43           4878.000         49.19 -24.81         74.00         43.98         33.59           4878.000         44.24 -9.76	MHz         dBuV/m         dB         dBuV/m         dBuV/m         dB dBuV/m         dB dBuV         dB/m         dB/m         dB           1326.000         53.42         -20.58         74.00         58.12         26.65         2.60           1326.000         36.48         -17.52         54.00         41.18         26.65         2.60           1454.000         53.19         -20.81         74.00         57.14         27.09         2.73           1454.000         38.14         -15.86         54.00         42.09         27.09         2.73           1990.000         49.87         -24.13         74.00         49.09         31.16         3.31           2390.000         57.15         -16.85         74.00         39.49         30.59         3.74           2437.000         98.12         97.59         30.52         3.79           2437.000         106.71         106.18         30.52         3.79           2483.500         35.27         -18.73         54.00         34.80         30.43         3.84           2487.000         49.19         -24.81         74.00         43.98         30.52         3.79           2483.500         35.27	MHz         dBuV/m         dB         dBuV/m         dBuV         dB/m         dB/m         dB         dB           1326.000         53.42         -20.58         74.00         58.12         26.65         2.60         33.95           1326.000         36.48         -17.52         54.00         41.18         26.65         2.60         33.95           1454.000         53.19         -20.81         74.00         57.14         27.09         2.73         33.77           1454.000         38.14         -15.86         54.00         42.09         27.09         2.73         33.77           1990.000         49.87         -24.13         74.00         49.09         31.16         3.31         33.70           2390.000         57.15         -16.85         74.00         56.61         30.59         3.74         33.78           2390.000         40.03         -13.97         54.00         39.49         30.59         3.74         33.78           2437.000         98.12         97.59         30.52         3.79         33.79           2483.500         35.27         -18.73         54.00         34.80         30.43         3.84         33.80           24	Freq         Level         Limit         Line         Level         Factor         Loss         Factor         Pos           MHz         dBuV/m         dB         dBuV/m         dBuV         dB/m         dB         dB         cm           1326.000         53.42         -20.58         74.00         58.12         26.65         2.60         33.95         100           1454.000         53.19         -20.81         74.00         57.14         27.09         2.73         33.77         100           1454.000         38.14         -15.86         54.00         42.09         27.09         2.73         33.77         100           1990.000         49.87         -24.13         74.00         49.09         31.16         3.31         33.70         100           2390.000         57.15         -16.85         74.00         56.61         30.59         3.74         33.78         100           2437.000         98.12         97.59         30.52         3.79         33.79         100           2437.000         166.71         106.18         30.52         3.79         33.79         100           2483.500         35.27         -18.73         54.00	Freq         Level         Limit         Line         Level         Factor         Loss         Factor         Pos         Pos           MHz         dBuV/m         dB         dBuV/m         dB/m         dB/m         dB         dB         cm         deg           1326.000         53.42         -20.58         74.00         58.12         26.65         2.60         33.95         100         0           1326.000         36.48         -17.52         54.00         41.18         26.65         2.60         33.95         100         110           1454.000         53.19         -20.81         74.00         57.14         27.09         2.73         33.77         100         0           1454.000         38.14         -15.86         54.00         42.09         27.09         2.73         33.77         100         0           1990.000         49.87         -24.13         74.00         49.09         31.16         3.31         33.70         100         0           1990.000         33.91         -20.09         54.00         33.13         31.16         3.31         33.70         100         2           2390.000         57.15         -16.85

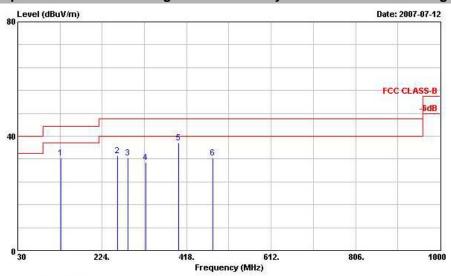
Remark: #9 and #10 Fundamental Signal

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Test Mode : Mode 13 Polarization : Horizontal

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

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:03CH04-HY

Condition: FCC CLASS-B 3m ANT2724 HORIZONTAL

:802.11g USB Wireless adapter

POWER :From Notebook MODEL :FR 770310

MODE :11g Tx\_Ch11;2462MHz

Data Rate: 6

				0ver	Limit	Read	Antenna	Cable	Preamp	Ant	Table																		
	Freq	Freq	Freq	Freq	Freq	Freq	Freq	Freq	Freq	Freq	Freq	Freq	Freq	Freq	Freq	Freq	Freq	Freq	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
-	MHz	dBuV/m	dB	$\overline{dBuV/m}$	dBuV	dB/m	dB	dB -	cm	deg																			
1	128.820	32.39	-11.11	43.50	52.39	11.55	1.31	32.86			Peak																		
2	259.770	33.03	-12.97	46.00	51.45	12.52	1.93	32.87			Peak																		
3	283.530	32.36	-13.64	46.00	50.81	12.40	1.99	32.83			Peak																		
4	323.800	30.84	-15.16	46.00	48.44	13.14	2.08	32.82			Peak																		
5	399.400	37.52	-8.48	46.00	52.30	15.75	2.33	32.86	100	219	Peak																		
6	478.500	32.50	-13.50	46.00	45.97	16.65	2.55	32.68			Peak																		

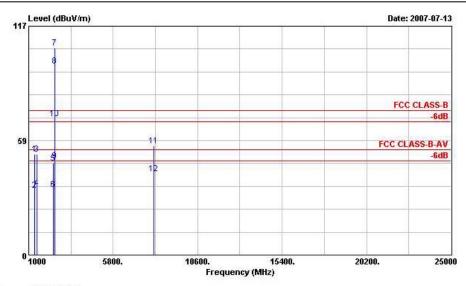
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Page No.



:03CH04-HY

Condition: FCC CLASS-B 3m HF-ANT HORIZONTAL
EUT :802.11g USB Wireless adapter
POWER :From Notebook
MODEL :FR 762909

MODE :11g Tx\_Chl1;2462MHz

Data Rate:6

			0ver	Limit	Read	Antenna	Cable	Preamp	reamp Ant	Table	
	-	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
		dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1324.000	51.73	-22.27	74.00	56.43	26.65	2.60	33.95	100	0	Peak
2	1324.000	33.13	-20.87	54.00	37.83	26.65	2.60	33.95	100	260	Average
1 2 3 4 5	1454.000	51.48	-22.52	74.00	55.43	27.09	2.73	33.77	100	0	Peak
4	1454.000	34.27	-19.73	54.00	38.22	27.09	2.73	33.77	100	260	Average
5	2382.000	46.78	-27.22	74.00	46.20	30.62	3.74	33.78	100	0	Peak
6	2382.000	33.36	-20.64	54.00	32.78	30.62	3.74	33.78	100	270	Average
7 X	2462.000	105.83			105.35	30.46	3.81	33.79	100	0	Peak
8 X	2462.000	96.71			96.23	30.46	3.81	33.79	100	270	Average
9 !	2483.500	48.11	-5.89	54.00	47.64	30.43	3.84	33.80	100	270	Average
10 !	2483.500	69.57	-4.43	74.00	69.10	30.43	3.84	33.80	100	0	Peak
11	8106.000	55.80	-18.20	74.00	43.30	39.46	6.81	33.77	100	0	Peak
12	8106 000	41 64	-12 36	54 00	29 14	39 46	6 81	33 77	100	330	Avverage

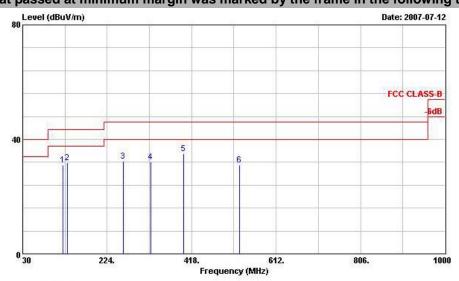
Remark: #7 and #8 Fundamental Signal

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



:03CH04-HY Site

Condition: FCC CLASS-B 3m ANT2724 VERTICAL :802.11g USB Wireless adapter

POWER :From Notebook :FR 770310 MODEL

:11g Tx\_Chl1;2462MHz MODE

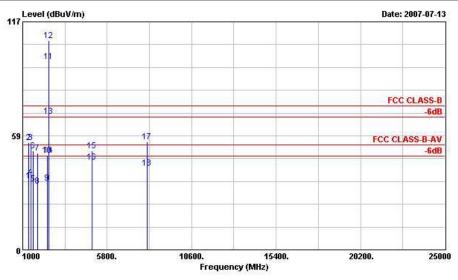
Data Rate:6

			Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
		Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
		dBuV/m	dB	$\overline{dBuV/m}$	dBuV	dB/m	dB	dB	cm	deg	-
1	122.610	30.95	-12.55	43.50	51.33	11.20	1.26	32.85			Peak
2	132.330	31.89	-11.61	43.50	52.14	11.28	1.33	32.87	-	555	Peak
3	260.850	32.29	-13.71	46.00	50.71	12.51	1.93	32.86			Peak
4	323.800	32.07	-13.93	46.00	49.67	13.14	2.08	32.82			Peak
5	399.400	34.94	-11.06	46.00	49.72	15.75	2.33	32.86	100	148	Peak
E	E20 200	21 12	-14 07	46 00	49 19	12 25	2 70	22 45			Doole

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:03CH04-HY

Condition: FCC CLASS-B 3m HF-ANT VERTICAL EUT POWER :802.11g USB Wireless adapter

:From Notebook :FR 762909 MODEL

MODE :11g Tx\_Ch11;2462MHz

Data Rate:6

			Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	Freq	Level	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	CIW.	deg	7
1	1324.000	35.58	-18.42	54.00	40.28	26.65	2.60	33.95	100	122	Average
2	1324.000	55.11	-18.89	74.00	59.81	26.65	2.60	33.95	100	360	Peak
3	1454.000	55.16	-18.84	74.00	59.11	27.09	2.73	33.77	100	360	Peak
4	1454.000	37.29	-16.71	54.00	41.24	27.09	2.73	33.77	100	160	Average
5	1590.000	34.06	-19.94	54.00	36.85	28.02	2.89	33.70	100	171	Average
6	1590.000	50.77	-23.23	74.00	53.56	28.02	2.89	33.70	100	360	Peak
7	1852.000	49.46	-24.54	74.00	49.91	30.07	3.18	33.70	100	360	Peak
7 8 9	1852.000	32.56	-21.44	54.00	33.01	30.07	3.18	33.70	100	214	Average
9	2390.000	34.43	-19.57	54.00	33.89	30.59	3.74	33.78	100	355	Average
10	2390.000	48.67	-25.33	74.00	48.13	30.59	3.74	33.78	100	360	Peak
11 0	2462.000	96.77			96.29	30.46	3.81	33.79	100	355	Average
12 X	2462.000	107.36			106.88	30.46	3.81	33.80	100	360	Peak
13 !	2483.500	68.66	-5.34	74.00	68.19	30.43	3.84	33.80	100	360	Peak
14 !	2483.500	48.47	-5.53	54.00	48.00	30.43	3.84	33.80	100	355	Average
15	4926.000	50.94	-23.06	74.00	45.57	33.72	5.95	34.30	100	0	Peak
16	4926.000	45.17	-8.83	54.00	39.80	33.72	5.95	34.30	100	272	Average
17	8085.000	55.30	-18.70	74.00	42.76	39.47	6.80	33.73	100	0	Peak
18	8085,000	41.88	-12.12	54.00	29.34	39.47	6.80	33.73	100	273	Average

Remark: #11 and #12 Fundamental Signal

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### 5.8 Antenna Requirements

#### 5.8.1 Standard Applicable

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no other antenna except assembled by the responsible party shall be used with the device.

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And according to FCC 47 CFR Section 15.247 (b), if directional gain of transmitting antennas is greater than 6dBi, the power shall be reduced by the same level in dB comparing to gain minus 6dBi.

#### 5.8.2 Antenna Connected Construction

The antenna used in this product is Printed Antenna with HUFL connector and it is considered to meet antenna requirement of FCC.

#### 5.8.3 Antenna Gain

The antenna gain of EUT is less than 6 dBi. Therefore, it is not necessary to reduce maximum peak output powen limit.

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# 6 List of Measuring Equipments Used

LIST OF MIC	<u> </u>	<u>qa.p</u>					
Instrument	Manufacturer	Model No.	Serial No.	Characteristics	Calibration Date	Due Date	Remark
EMC Receiver	R&S	ESCS 30	100132	9kHz – 2.75GHz	Aug. 30, 2006	Aug. 29, 2007	Conduction (CO01-HY)
LISN	MessTec	NNB-2/16Z	2001/004	9kHz – 30MHz	Mar. 30, 2007	Mar. 29, 2008	Conduction (CO01-HY)
LISN (Support Unit)	MessTec	NNB-2/16Z	2001/009	9kHz – 30MHz	Mar. 30, 2007	Mar. 29, 2008	Conduction (CO01-HY)
EMI Filter	LINDGREN	LRE-2060	1004	< 450Hz	N/A	N/A	Conduction (CO01-HY)
EMI Filter	LINDGREN	N6006	201052	0 – 60Hz	N/A	N/A	Conduction (CO01-HY)
RF Cable-CON	Suhner Switzerland	RG223/U	CB029	9kHz – 30MHz	Dec. 04, 2006	Dec. 03, 2007	Conduction (CO01-HY)
Isolation Transformer	Erika Fiedler OHG	D-65396 Walluf	58	45MHz-2.15GHz	N/A	N/A	Conduction (CO01-HY)
3m Semi Anechoic	TDK	SAC-3M	03CH04-HY	30 MHz - 1 GHz 3m	Oct. 30, 2006	Oct. 29, 2007	Radiation (03CH04-HY)
Amplifier	Schaffner	CPA9231A	3564	9 kHz - 2 GHz	Aug. 31, 2006	Aug. 30, 2007	Radiation (03CH04-HY)
Spectrum Analyzer	R&S	FSP7	100641	9 kHz – 7GHz	Sep. 08, 2006	Sep. 07, 2007	Radiation (03CH04-HY)
Bilog Antenna	SCHAFFNER	CBL6112B	2724	30 MHz - 1 GHz	Aug. 14, 2006	Aug. 13, 2007	Radiation (03CH04-HY)
RF Cable-R03m	Suhner Switzerland + RFIDEN	RG223/U +RG8/U	CB024	30 MHz - 1 GHz	Sep. 21, 2006	Sep. 20, 2007	Radiation (03CH04-HY)

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# 7 Uncertainty Evaluation

# Uncertainty of Conducted Emission Measurement (150kHz ~ 30MHz)

Conduibudion	Uncerta	Uncertainty of $x_i$				
Contribution	dB	Probability Distribution	$u(x_i)$			
Receiver reading	0.10	Normal(k=2)	0.05			
Cable loss	0.10	Normal(k=2)	0.05			
AMN insertion loss	2.50	Rectangular	0.63			
Receiver Spec	1.50	Rectangular	0.43			
Site imperfection	1.39	Rectangular	0.80			
Mismatch	+0.34/-0.35	U-shape	0.24			
combined standard uncertainty Uc(y)		1.13				
Measuring uncertainty for a level of confidence of 95% U=2Uc(y)		2.26				

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#### <u>Uncertainty of Radiated Emission Measurement (30MHz ~ 1000MHz)</u>

	Uncerta	ainty of $^{\mathcal{X}_i}$			
Contribution	٩D	Probability	$u(x_i)$		
	dB	Distribution			
Receiver reading	0.41	Normal(k=2)	0.21		
Antenna factor calibration	0.83	Normal(k=2)	0.42		
Cable loss calibration	0.25	Normal(k=2)	0.13		
Pre Amplifier Gain calibration	0.27	Normal(k=2)	0.14		
RCV/SPA specification	2.50	Rectangular	0.72		
Antenna Factor Interpolation for Frequency	1.00	Rectangular	0.29		
Site imperfection	1.43	Rectangular	0.83		
Mismatch	+0.39/-0.41	U-shaped	0.28		
combined standard uncertainty Uc(y)	1.27				
Measuring uncertainty for a level of confidence		0.54			
of 95% U=2Uc(y)		2.54			

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# Uncertainty of Radiated Emission Measurement (1GHz ~ 40GHz)

	Uncerta	inty of $X_i$	u(x)	Ci	$Ci*u(x_i)$			
Contribution	dB	Probability	$u(x_i)$	Ci				
	uБ	Distribution						
Receiver reading	±0.10	Normal(k=1)	0.10	1	0.10			
Antenna factor calibration	±1.70	Normal(k=2)	0.85	1	0.85			
Cable loss calibration	±0.50	Normal(k=2)	0.25	1	0.25			
Receiver Correction	±2.00	Rectangular	1.15	1	1.15			
Antenna Factor Directional	±1.50	Rectangular	0.87	1	0.87			
Site imperfection	±2.80	Triangular	1.14	1	1.14			
Mismatch								
Receiver VSWR Γ1= 0.197	+0.34/-0.35	Llabanad	0.244	1	0.244			
Antenna VSWR Γ2= 0.194	+0.34/-0.33	U-shaped	0.244	!	0.244			
Uncertainty=20log(1-Γ1*Γ2*Γ3)								
Combined standard uncertainty Uc(y)	2.36							
Measuring uncertainty for a level of								
confidence of 95% U=2Ue(y)	4.72							

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