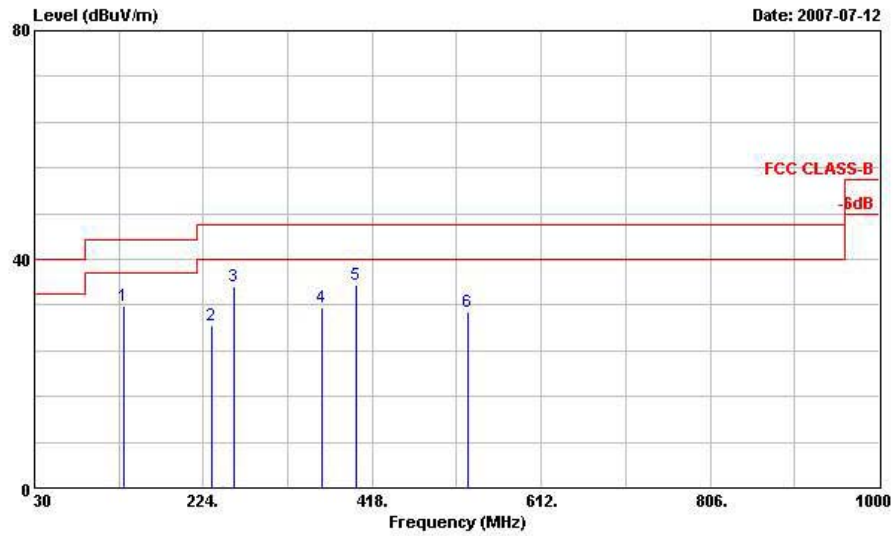




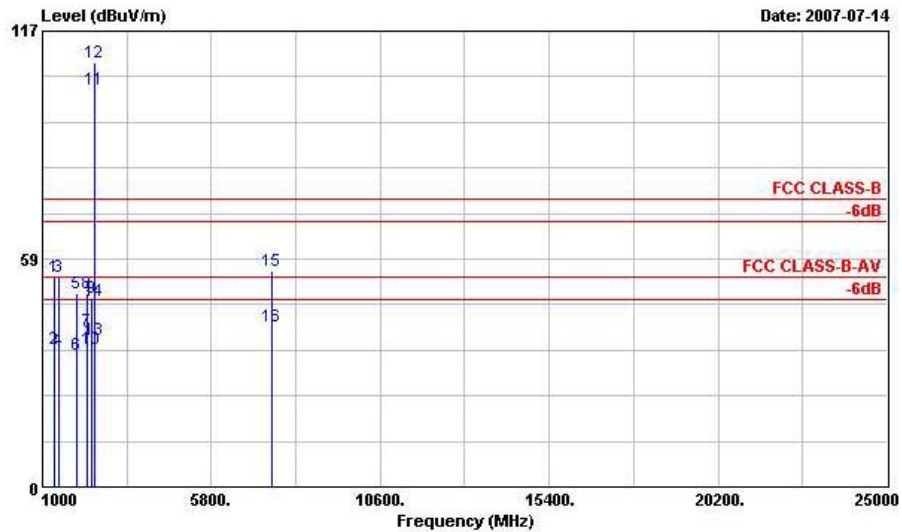
- Polarization : Vertical

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

No	Freq MHz	Level dBuV/m	Over Limit dB	Limit Line dBuV/m	ReadAntenna		Cable Preamp		Ant Pos cm	Table Pos deg	Remark
					Level dBuV	Factor dB/m	Loss dB	Factor dB			
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	---	---	Peak
4	360.200	31.54	-14.46	46.00	47.83	14.38	2.17	32.84	---	---	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



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 Tx\_Ch11;2462MHz  
 Data Rate: 11

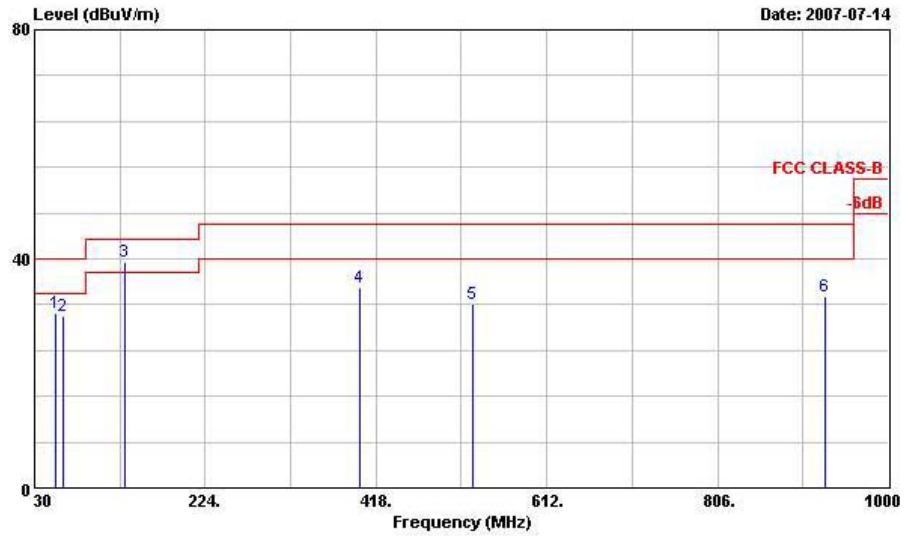
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	cm	deg	
1	1332.000	53.73	-20.27	74.00	58.37	26.70	2.60	33.95	100	0 Peak
2	1332.000	35.28	-18.72	54.00	39.92	26.70	2.60	33.95	100	283 Average
3	1454.000	53.82	-20.18	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



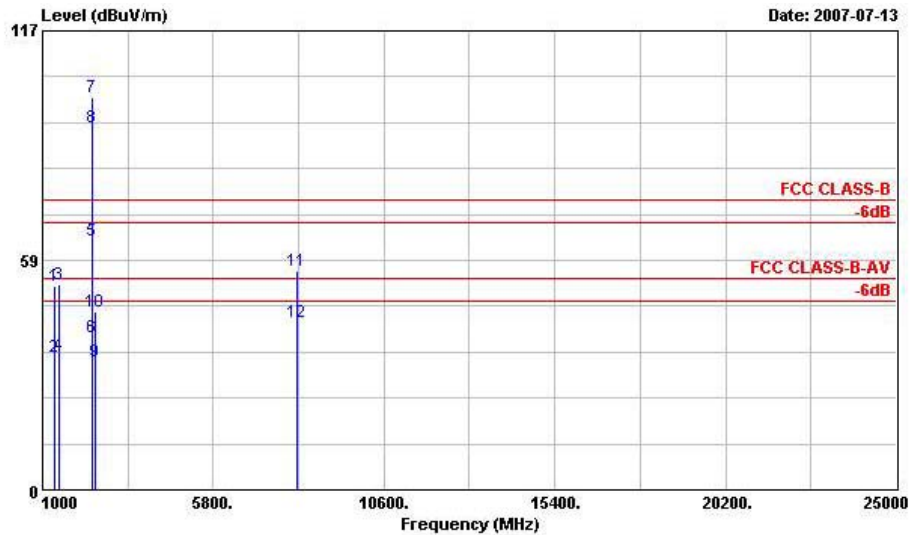
- Test Mode : Mode 7
- Polarization : Horizontal

■ 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 HORIZONTAL  
 EUT : 802.11g USB Wireless adapter  
 POWER : From Notebook  
 MODEL : FR 770310  
 MODE : 11g Tx\_Ch01;2412MHz  
 Data Rate: 6

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	Remark
1	53.490	30.47	-9.53	40.00	56.61	5.93	0.81	32.88	---	---	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	---	---	Peak
6	928.600	33.51	-12.49	46.00	37.12	24.23	3.58	31.42	---	---	Peak



Site : 03CHO4-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

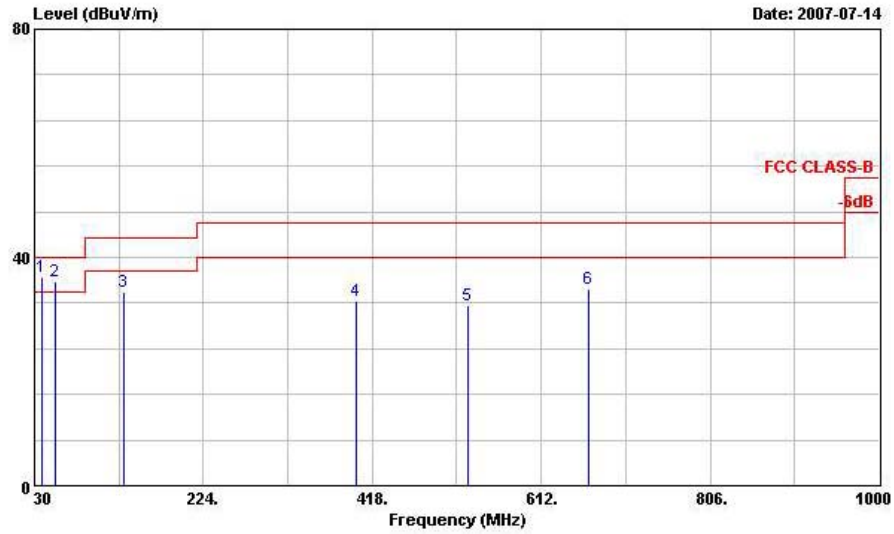
	Freq	Level	Over Limit	Limit Line	ReadAntenna Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1324.000	51.99	-22.01	74.00	56.69	26.65	2.60	33.95	100		0 Peak
2	1324.000	34.04	-19.96	54.00	38.74	26.65	2.60	33.95	100		268 Average
3	1454.000	52.15	-21.85	74.00	56.10	27.09	2.73	33.77	100		0 Peak
4	1454.000	34.21	-19.79	54.00	38.16	27.09	2.73	33.77	100		268 Average
5	2390.000	63.57	-10.43	74.00	63.03	30.59	3.74	33.78	100		0 Peak
6	2390.000	38.85	-15.15	54.00	38.31	30.59	3.74	33.78	100		273 Average
7 X	2412.000	100.25			99.71	30.56	3.76	33.78	100		0 Peak
8 X	2412.000	92.29			91.75	30.56	3.76	33.78	100		273 Average
9	2486.130	32.69	-21.31	54.00	32.22	30.43	3.84	33.80	100		273 Average
10	2486.130	45.36	-28.64	74.00	44.89	30.43	3.84	33.80	100		0 Peak
11	8142.000	55.82	-18.18	74.00	43.35	39.44	6.83	33.81	100		0 Peak
12	8142.000	42.58	-11.42	54.00	30.11	39.44	6.83	33.81	100		272 Average

Remark: #7 and #8 Fundamental Signal



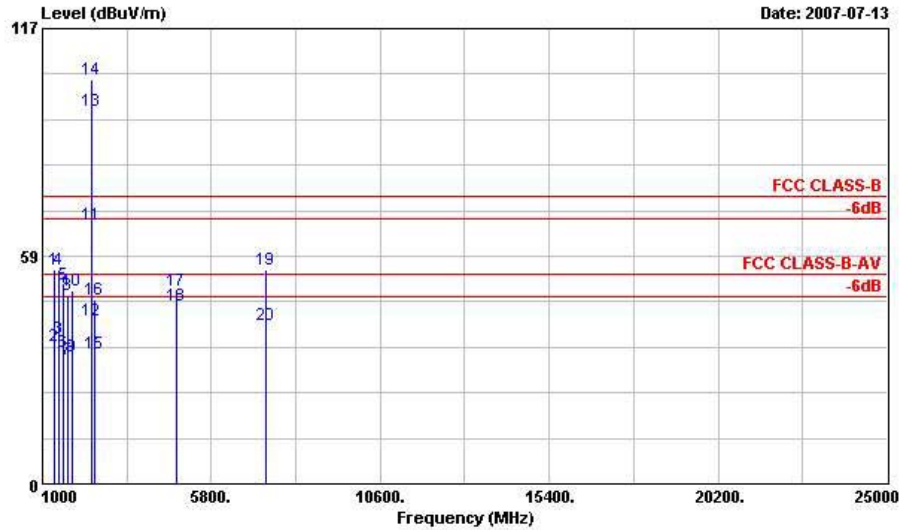
- Polarization : Vertical

■ 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\_Ch01;2412MHz  
 Data Rate: 6

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	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	---	---
3	133.140	33.89	-9.61	43.50	54.22	11.20	1.34	32.87	---	---
4	399.400	32.44	-13.56	46.00	47.22	15.75	2.33	32.86	---	---
5	528.200	31.55	-14.45	46.00	43.55	17.75	2.70	32.45	---	---
6	666.100	34.46	-11.54	46.00	43.32	20.06	3.12	32.04	---	---



Site : 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\_Ch01;2412MHz  
 Data Rate: 6

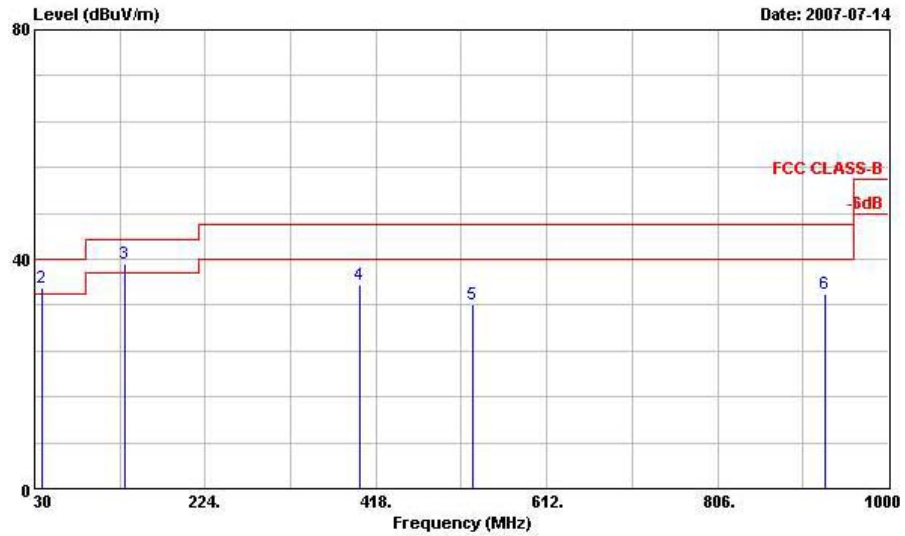
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1324.000	54.91	-19.09	74.00	59.61	26.65	2.60	33.95	100	0	Peak
2	1324.000	35.26	-18.74	54.00	39.96	26.65	2.60	33.95	100	124	Average
3	1454.000	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
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
8	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



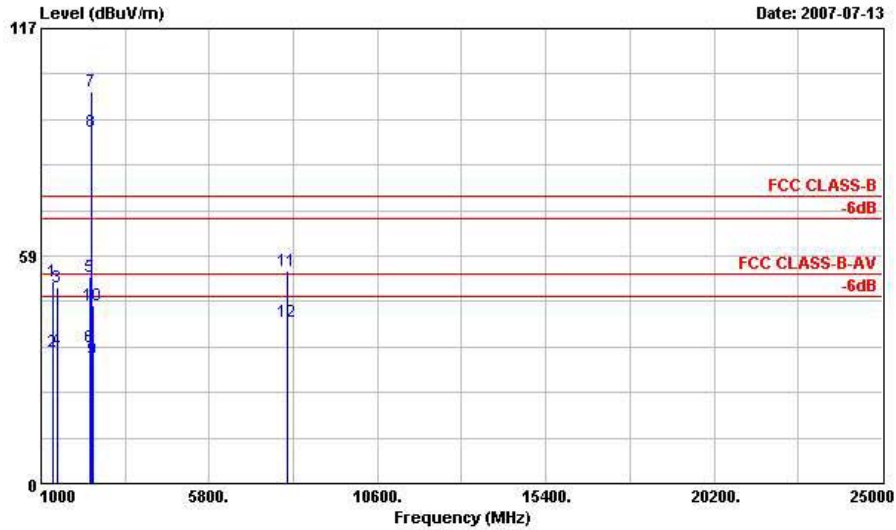
- Test Mode : Mode 8
- Polarization : Horizontal

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 HORIZONTAL  
 EUT : 802.11g USB Wireless adapter  
 POWER : From Notebook  
 MODEL : FR 770310  
 MODE : 11g Tx\_Ch06;2437MHz  
 Data Rate: 6

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark	
	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	---	---	Peak
6	928.600	33.83	-12.17	46.00	37.44	24.23	3.58	31.42	---	---	Peak



Site : 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

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	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

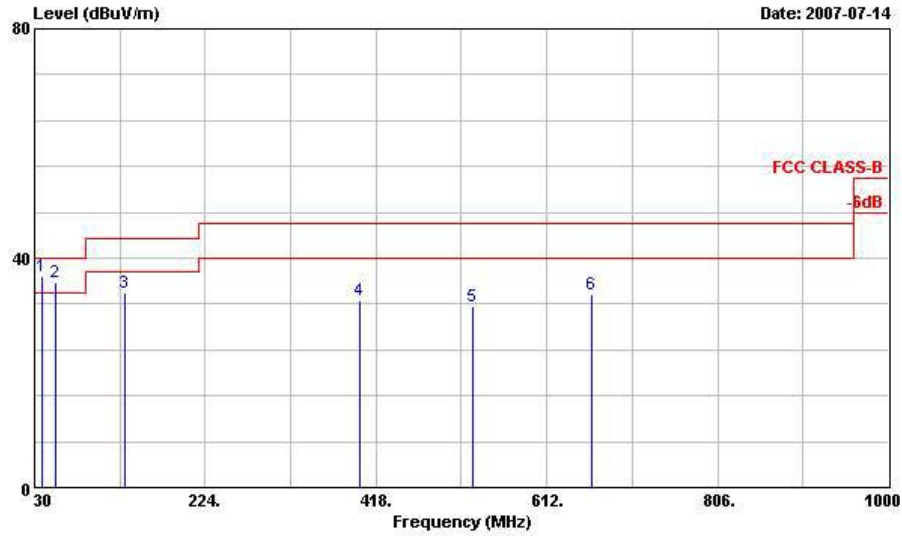
Remark: #7 and #8 Fundamental Signal





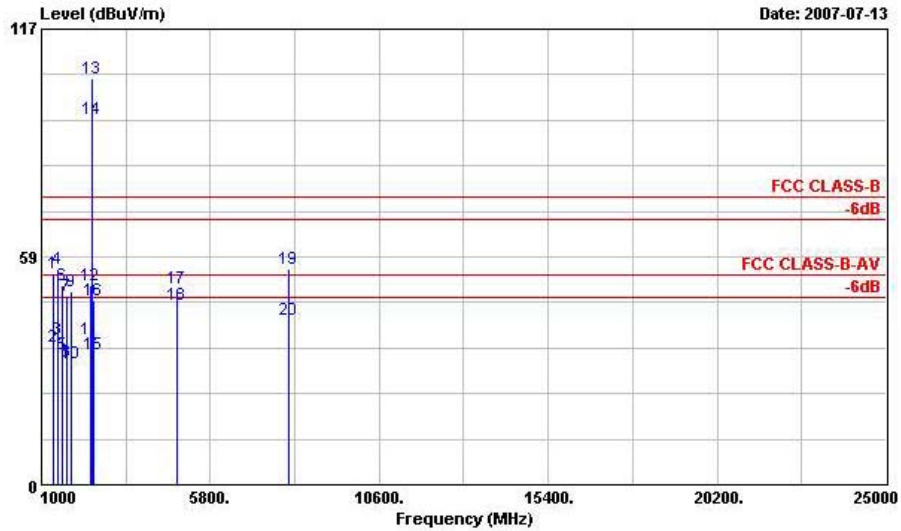
- Polarization : Vertical

■ 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

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	Remark
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	---	---	Peak
3	133.140	33.86	-9.64	43.50	54.19	11.20	1.34	32.87	---	---	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	---	---	Peak
6	662.600	33.78	-12.22	46.00	42.65	20.05	3.12	32.04	---	---	Peak



Site : 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

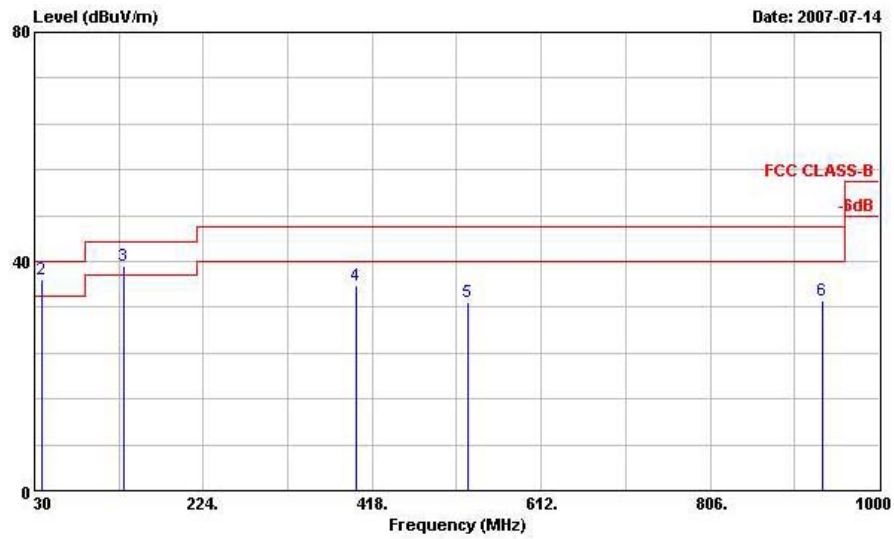
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1324.000	54.39	-19.61	74.00	59.09	26.65	2.60	33.95	100	0 Peak
2	1324.000	35.40	-18.60	54.00	40.10	26.65	2.60	33.95	100	124 Average
3	1454.000	37.34	-16.66	54.00	41.29	27.09	2.73	33.77	100	163 Average
4	1454.000	55.30	-18.70	74.00	59.25	27.09	2.73	33.77	100	0 Peak
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	0 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



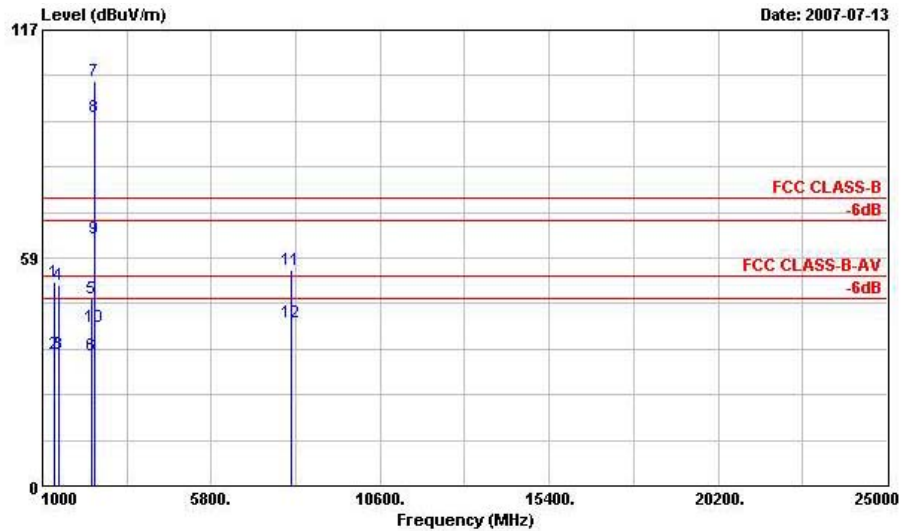
- Test Mode : Mode 9
- Polarization : Horizontal

■ 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 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	ReadAntenna	Cable	Preamp	Ant	Table		
	MHz	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



Site : 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\_Ch11;2462MHz  
 Data Rate: 6

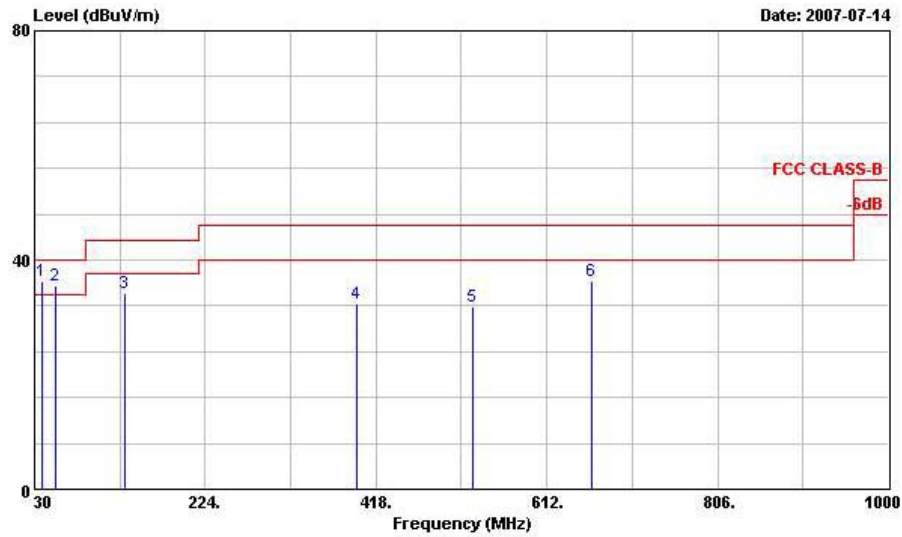
	Freq	Level	Over Limit	Limit Line	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1324.000	52.19	-21.81	74.00	56.89	26.65	2.60	33.95	100	0 Peak
2	1324.000	33.99	-20.01	54.00	38.69	26.65	2.60	33.95	100	268 Average
3	1454.000	33.85	-20.15	54.00	37.80	27.09	2.73	33.77	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



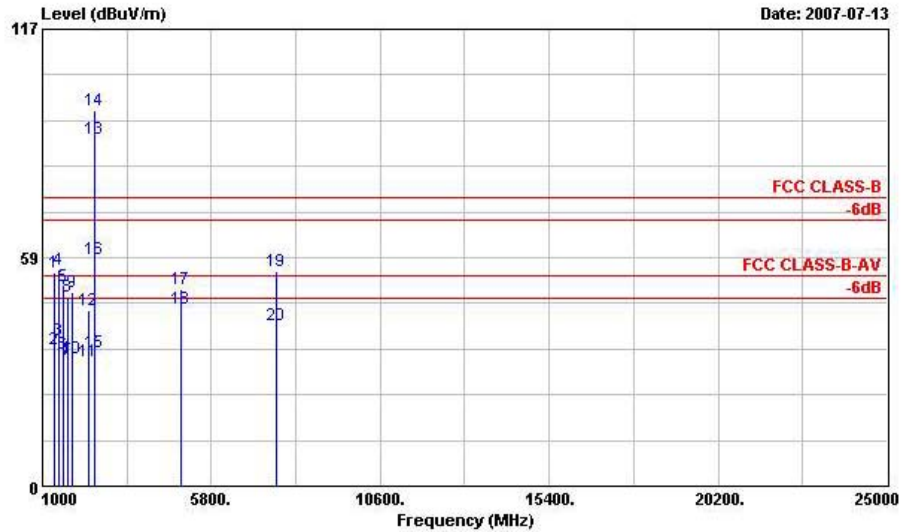
- Polarization : Vertical

■ 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\_Ch11;2462MHz  
 Data Rate: 6

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



Site : 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

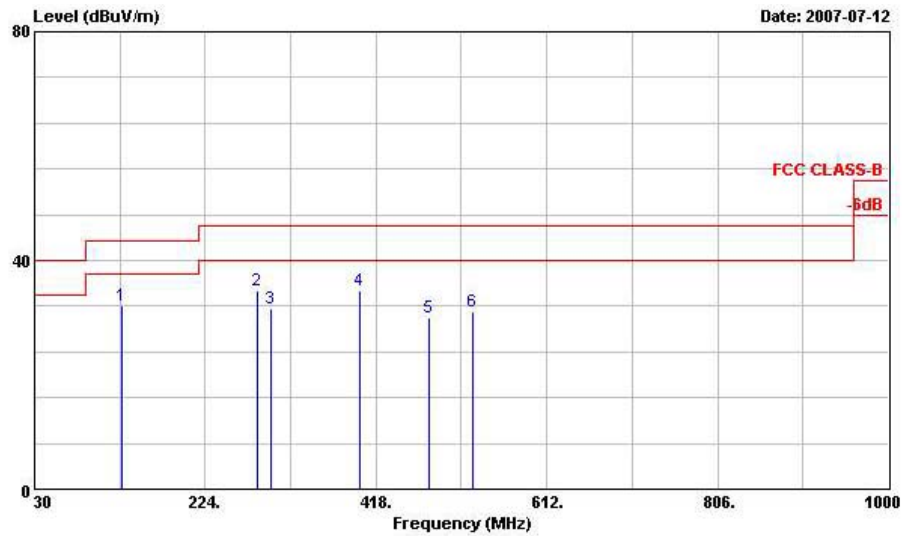
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1324.000	54.67	-19.33	74.00	59.37	26.65	2.60	33.95	100	0 Peak
2	1324.000	35.21	-18.79	54.00	39.91	26.65	2.60	33.95	100	124 Average
3	1454.000	37.20	-16.80	54.00	41.15	27.09	2.73	33.77	100	163 Average
4	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



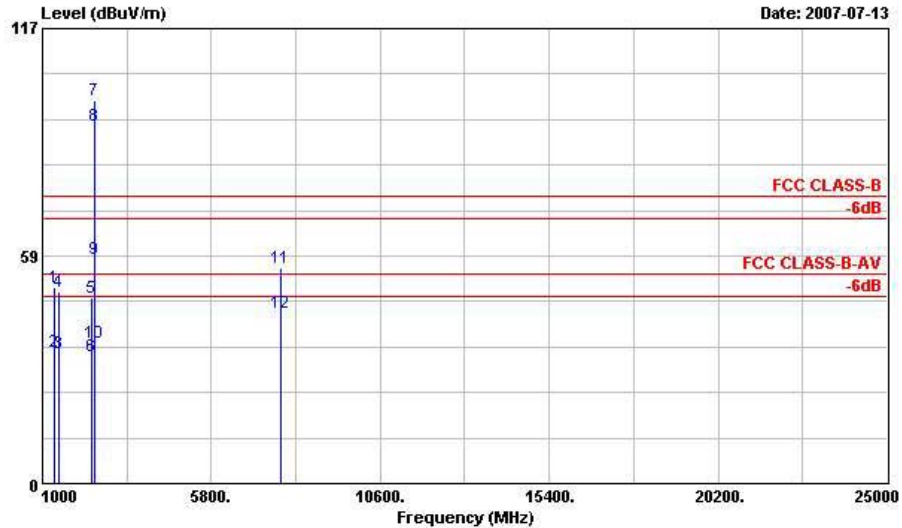
- Test Mode : Mode 10
- Polarization : Horizontal

■ 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 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	Limit	ReadAntenna	Cable	Preamp	Ant	Table		
	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



Site : 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\_Ch11;2462MHz  
 Data Rate: 6

	Freq	Level	Over Limit	Limit Line	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
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	---	--- Peak
12 @	7782.000	43.73	-10.27	54.00	31.42	39.33	6.67	33.69	100	255 Average

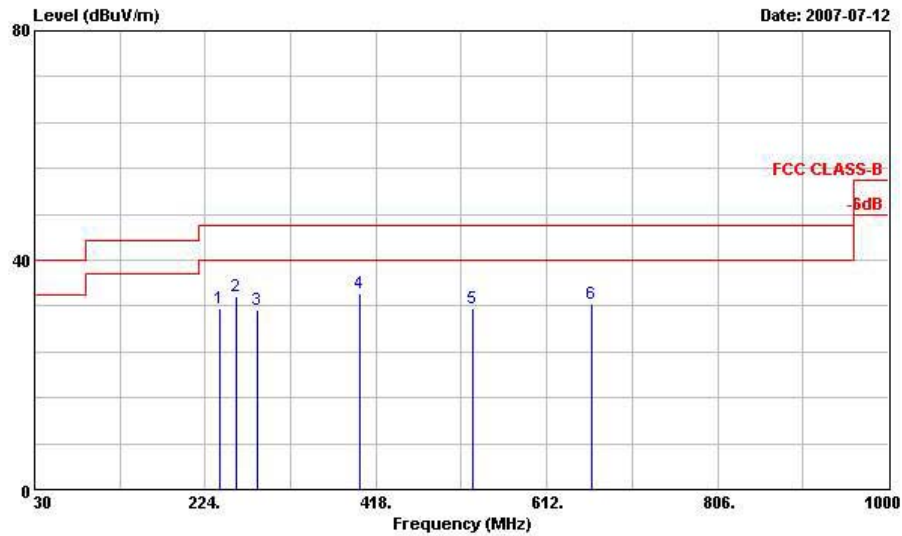
Remark: #7 and #8 Fundamental Signal





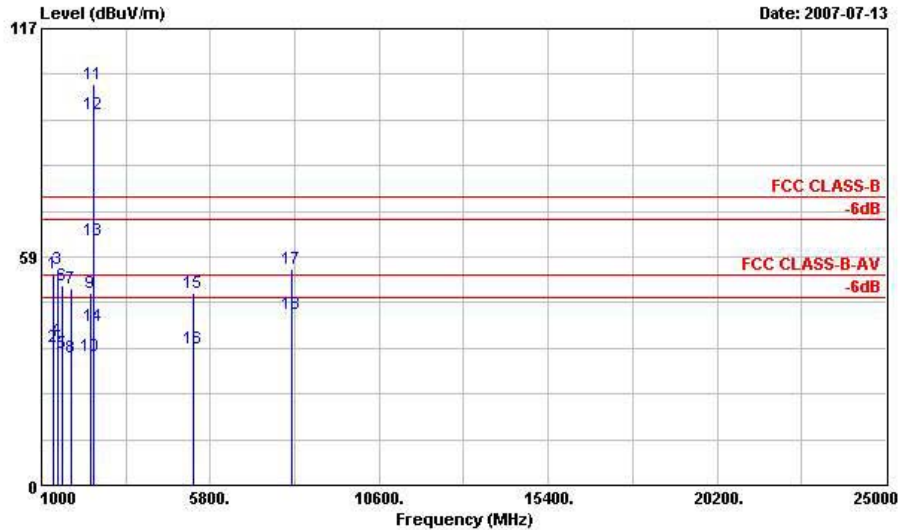
- Polarization : Vertical

■ 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\_Ch11;2462MHz  
 Data Rate: 6

	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	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	---	---	Peak
2	259.770	33.75	-12.25	46.00	52.17	12.52	1.93	32.87	---	---	Peak
3	283.530	31.37	-14.63	46.00	49.82	12.40	1.99	32.83	---	---	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	---	---	Peak



Site : 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

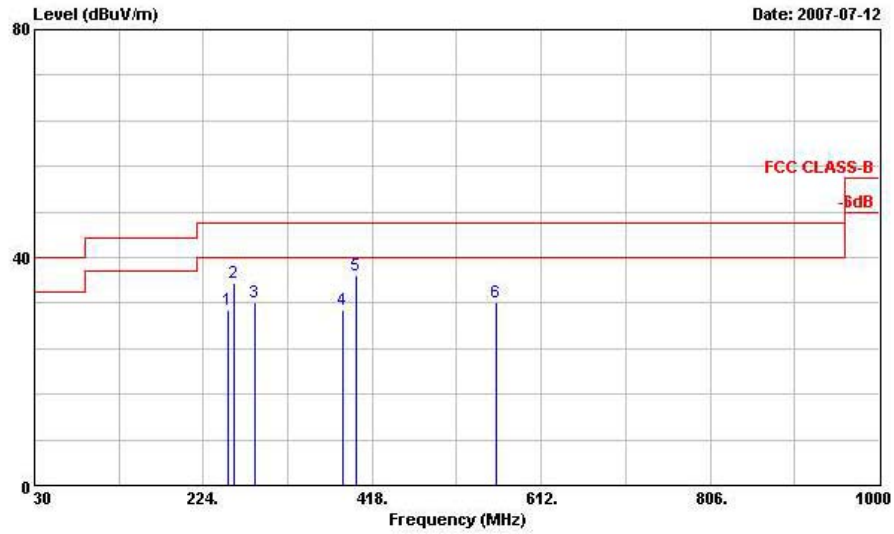
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos	Remark
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	1324.000	54.30	-19.70	74.00	59.00	26.65	2.60	33.95	100	360	Peak
2	1324.000	35.34	-18.66	54.00	40.04	26.65	2.60	33.95	100	120	Average
3	1454.000	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	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 @	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	---	---	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



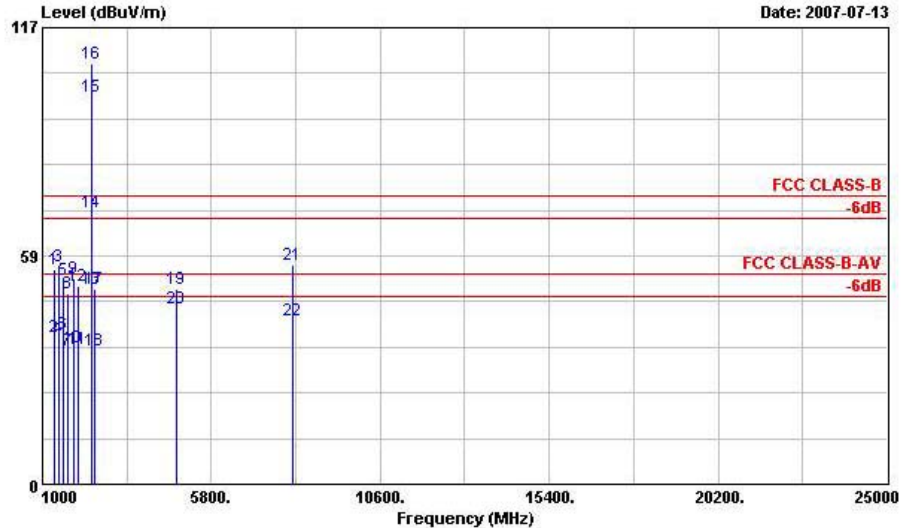
- Test Mode : Mode 11
- Polarization : Horizontal

■ 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 HORIZONTAL  
 EUT : 802.11g USB Wireless adapter  
 POWER : From Notebook  
 MODEL : FR 770310  
 MODE : 11g Tx\_Ch01;2412MHz  
 Data Rate: 6

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



Site : 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

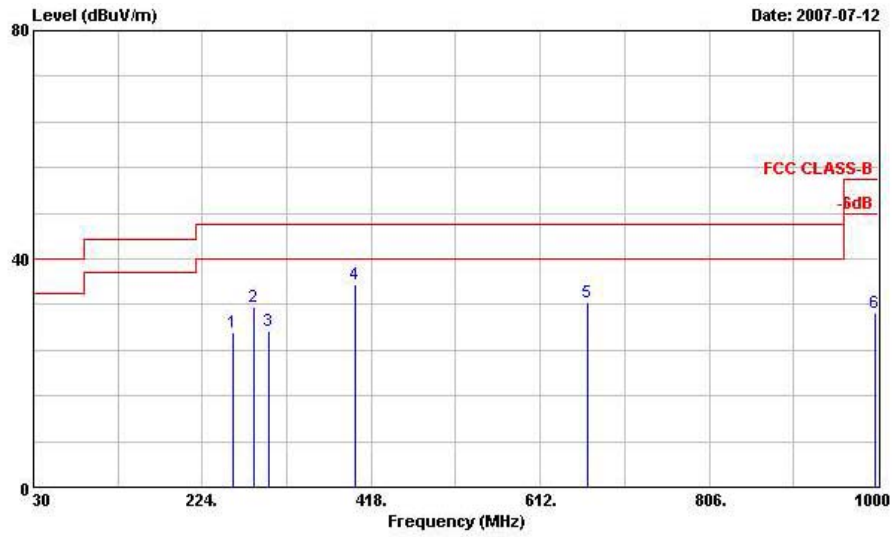
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	1324.000	54.95	-19.05	74.00	59.65	26.65	2.60	33.95	100	0 Peak
2	1324.000	37.86	-36.14	74.00	42.56	26.65	2.60	33.95	100	0 Peak
3	1456.000	55.94	-18.06	74.00	59.89	27.09	2.73	33.77	100	0 Peak
4	1456.000	37.17	-16.83	54.00	41.12	27.09	2.73	33.77	100	160 Average
5	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



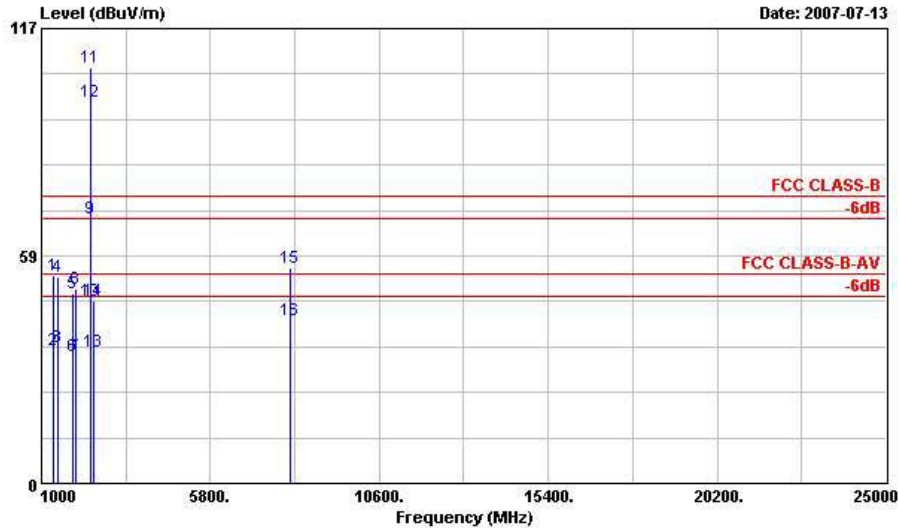
- Polarization : Vertical

■ 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\_Ch01;2412MHz  
 Data Rate: 6

	Freq MHz	Level dBuV/m	Over Limit dB	Limit Line dBuV/m	ReadAntenna		Cable Preamp		Ant Pos cm	Table Pos deg	Remark
					Level dBuV	Factor dB/m	Loss dB	Factor dB			
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	---	---	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



Site : 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\_Ch01;2412MHz  
 Data Rate: 6

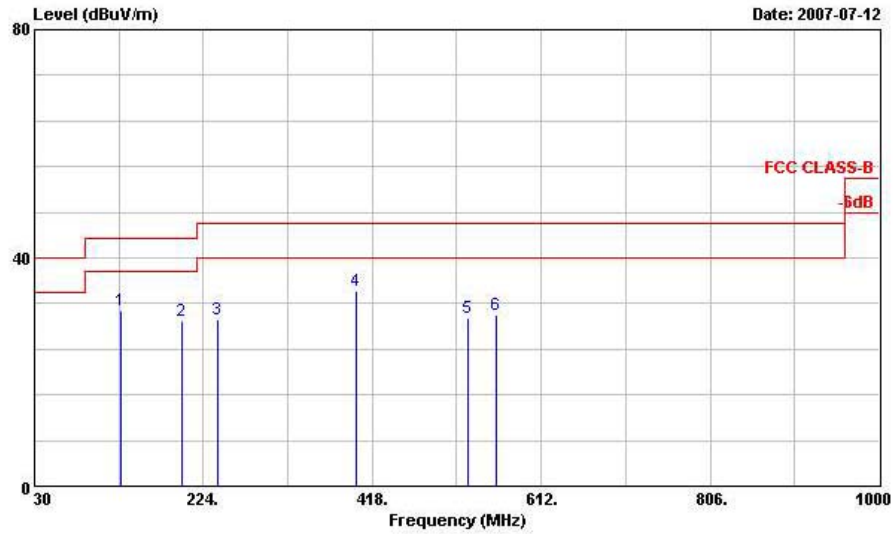
	Freq	Level	Over Limit	Limit Line	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	cm	deg	
1	1324.000	53.43	-20.57	74.00	58.13	26.65	2.60	33.95	100	0 Peak
2	1324.000	34.19	-19.81	54.00	38.89	26.65	2.60	33.95	100	330 Average
3	1454.000	35.17	-18.83	54.00	39.12	27.09	2.73	33.77	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



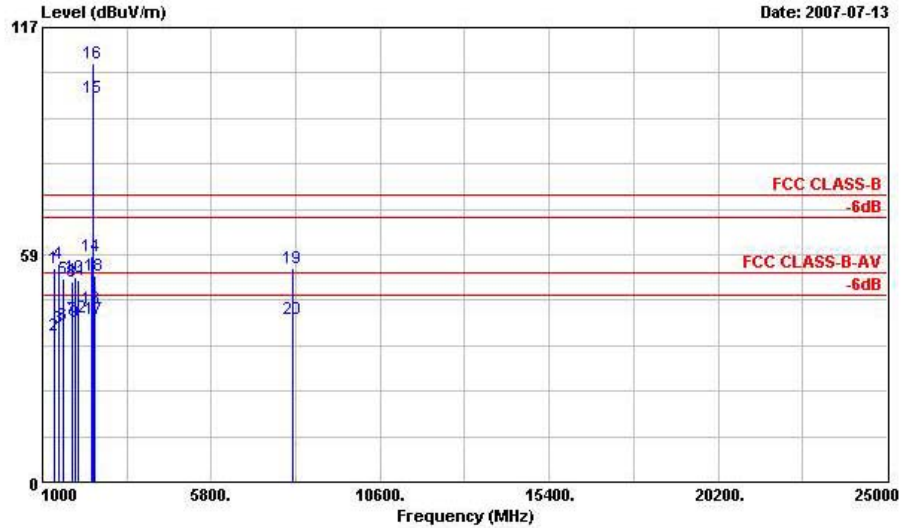
- Test Mode : Mode 12
- Polarization : Horizontal

■ 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 HORIZONTAL  
 EUT : 802.11g USB Wireless adapter  
 POWER : From Notebook  
 MODEL : FR 770310  
 MODE : 11g Tx\_Ch06;2437MHz  
 Data Rate: 6

	Freq	Level	Over Limit	Limit Line	ReadAntenna	Cable	Preamp	Ant	Table	Remark	
	MHz	dBuV/m	dB	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	---	---	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



Site : 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

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	Level	Loss	Factor	Pos	Pos	Remark
					Factor	Factor		cm	deg	
1	1324.000	55.22	-18.78	74.00	59.92	26.65	2.60	33.95	100	0 Peak
2	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
5	1598.000	52.48	-21.52	74.00	55.27	28.02	2.89	33.70	100	0 Peak
6	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

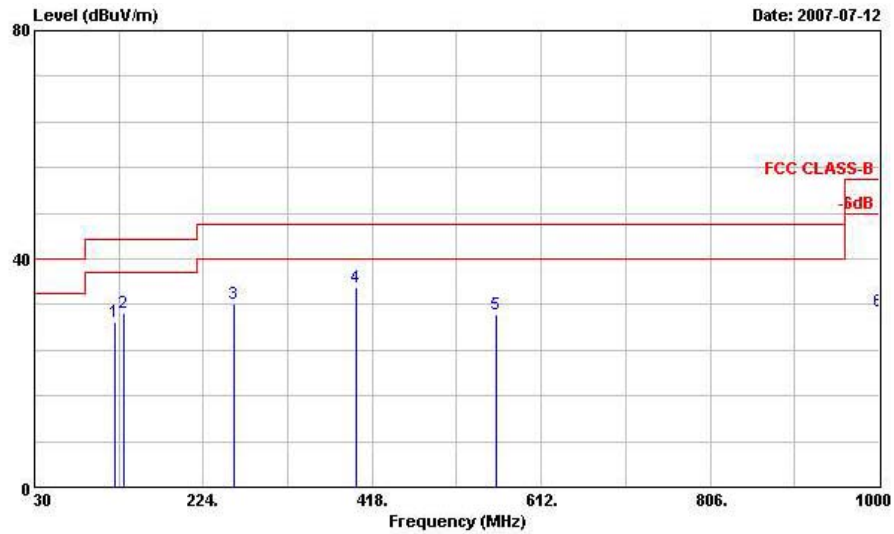
Remark: #15 and #16 Fundamental Signal





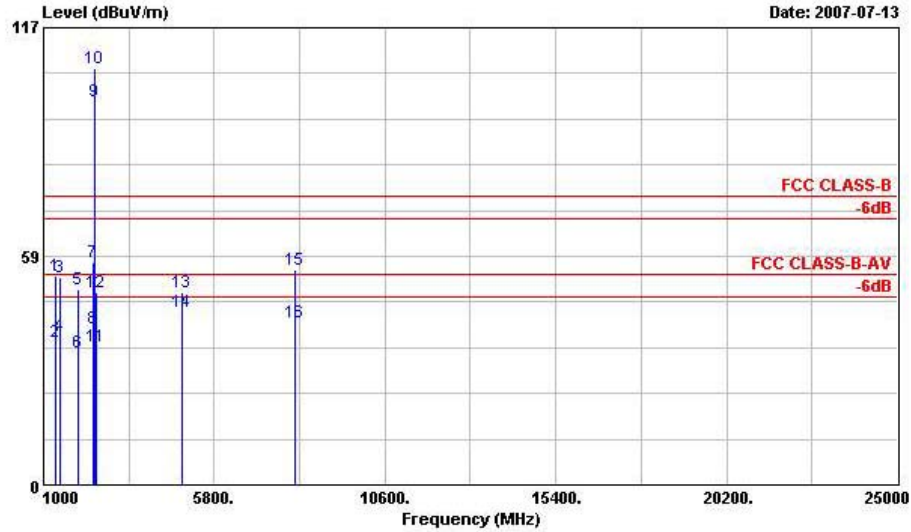
- Polarization : Vertical

■ 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

	Freq MHz	Level dBuV/m	Over Limit dB	Limit Line dBuV/m	ReadAntenna		Cable Loss dB	Preamp Factor dB	Ant Pos cm	Table Pos deg	Remark
					Level dBuV	Factor dB/m					
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	---	---	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	---	---	Peak



Site : 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

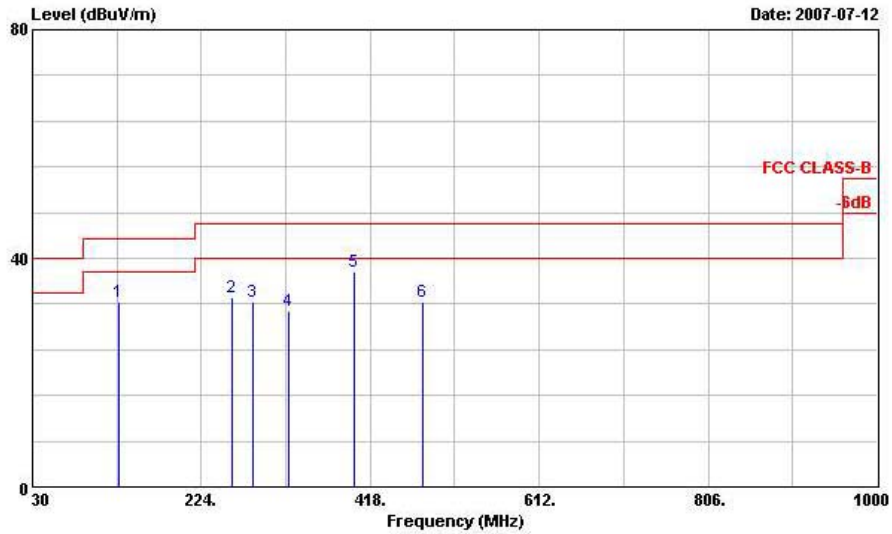
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	Level	Factor	Loss	dB	Pos	Pos	Remark
					dBuV	dB/m	dB	dB	cm	deg	
1	1326.000	53.42	-20.58	74.00	58.12	26.65	2.60	33.95	100	0	Peak
2	1326.000	36.48	-17.52	54.00	41.18	26.65	2.60	33.95	100	110	Average
3	1454.000	53.19	-20.81	74.00	57.14	27.09	2.73	33.77	100	0	Peak
4	1454.000	38.14	-15.86	54.00	42.09	27.09	2.73	33.77	100	167	Average
5	1990.000	49.87	-24.13	74.00	49.09	31.16	3.31	33.70	100	0	Peak
6	1990.000	33.91	-20.09	54.00	33.13	31.16	3.31	33.70	100	22	Average
7	2390.000	57.15	-16.85	74.00	56.61	30.59	3.74	33.78	100	0	Peak
8	2390.000	40.03	-13.97	54.00	39.49	30.59	3.74	33.78	100	357	Average
9 @	2437.000	98.12			97.59	30.52	3.79	33.79	100	357	Average
10 @	2437.000	106.71			106.18	30.52	3.79	33.79	100	0	Peak
11	2483.500	35.27	-18.73	54.00	34.80	30.43	3.84	33.80	100	357	Average
12	2483.500	49.16	-24.84	74.00	48.69	30.43	3.84	33.80	100	0	Peak
13	4878.000	49.19	-24.81	74.00	43.98	33.59	5.92	34.30	100	0	Peak
14 @	4878.000	44.24	-9.76	54.00	39.03	33.59	5.92	34.30	100	355	Average
15	8061.000	55.04	-18.96	74.00	42.46	39.48	6.78	33.68	100	0	Peak
16	8061.000	41.54	-12.46	54.00	28.96	39.48	6.78	33.68	100	355	Average

Remark: #9 and #10 Fundamental Signal



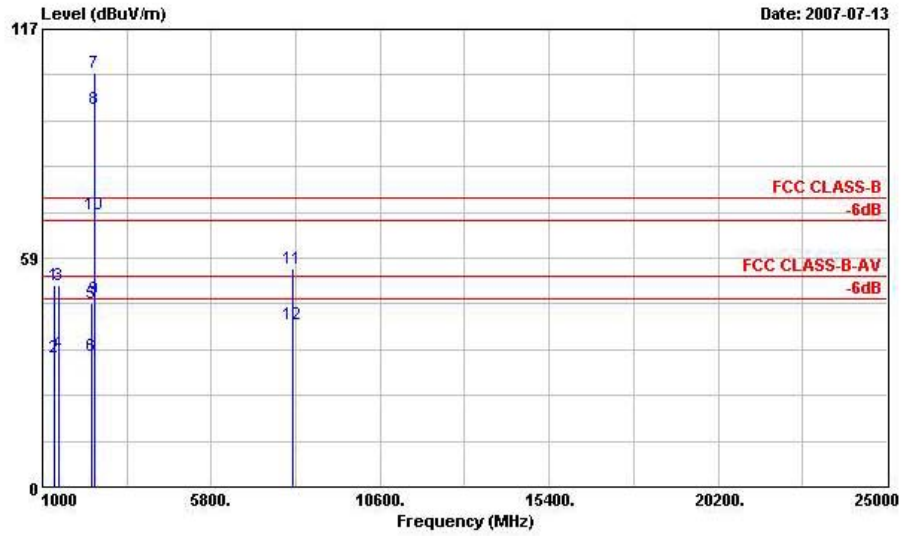
- Test Mode : Mode 13
- Polarization : Horizontal

■ 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 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	Limit Line	ReadAntenna	Cable	Preamp	Ant	Table		
	MHz	dBuV/m	dB	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



Site : 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\_Ch11;2462MHz  
 Data Rate: 6

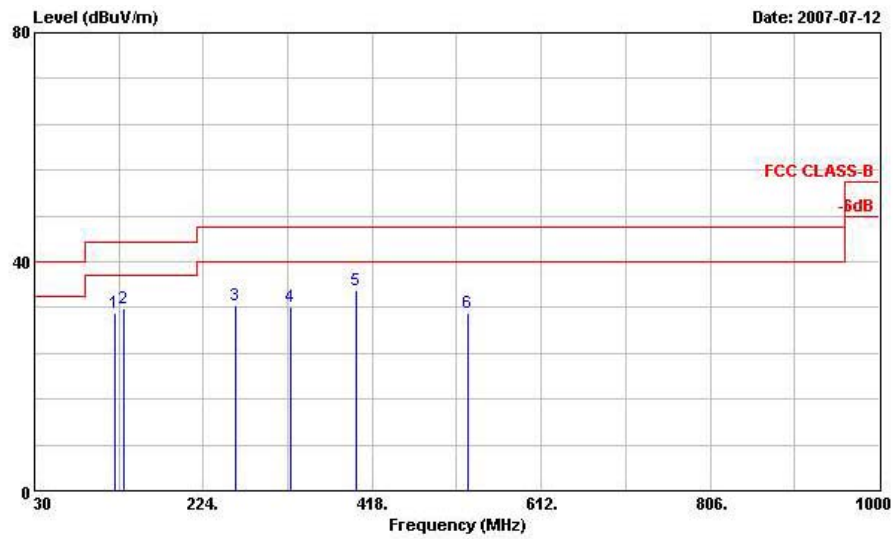
	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	dB	dBuV/m	Level	Loss	Factor	Pos	Pos	Remark
					Factor	dB	dB	cm	deg	
1	1324.000	51.73	-22.27	74.00	56.43	26.65	33.95	100		0 Peak
2	1324.000	33.13	-20.87	54.00	37.83	26.65	33.95	100		260 Average
3	1454.000	51.48	-22.52	74.00	55.43	27.09	33.77	100		0 Peak
4	1454.000	34.27	-19.73	54.00	38.22	27.09	33.77	100		260 Average
5	2382.000	46.78	-27.22	74.00	46.20	30.62	33.78	100		0 Peak
6	2382.000	33.36	-20.64	54.00	32.78	30.62	33.78	100		270 Average
7 X	2462.000	105.83			105.35	30.46	33.79	100		0 Peak
8 X	2462.000	96.71			96.23	30.46	33.79	100		270 Average
9 !	2483.500	48.11	-5.89	54.00	47.64	30.43	33.80	100		270 Average
10 !	2483.500	69.57	-4.43	74.00	69.10	30.43	33.80	100		0 Peak
11	8106.000	55.80	-18.20	74.00	43.30	39.46	33.77	100		0 Peak
12	8106.000	41.64	-12.36	54.00	29.14	39.46	33.77	100		330 Average

Remark: #7 and #8 Fundamental Signal



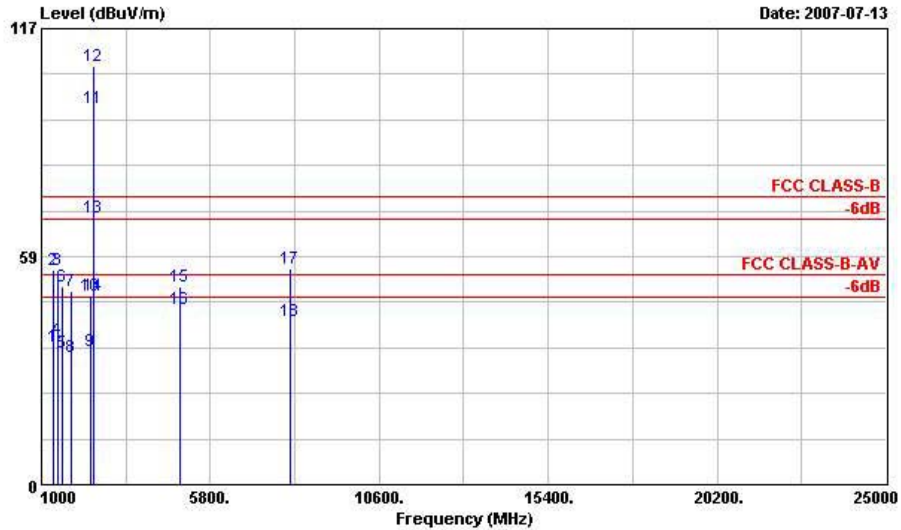
- Polarization : Vertical

■ 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\_Ch11;2462MHz  
 Data Rate: 6

	Freq MHz	Level dBuV/m	Over Limit dB	Limit Line dBuV/m	ReadAntenna		Cable Preamp		Ant Pos cm	Table Pos deg	Remark
					Level dBuV	Factor dB/m	Loss dB	Factor dB			
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	---	---	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
6	528.200	31.13	-14.87	46.00	43.13	17.75	2.70	32.45	---	---	Peak



Site : 03CH04-HY  
 Condition: FCC CLASS-B 3m HF-ANT VERTICAL  
 EUT : 802.11g USB Wireless adapter  
 POWER : From Notebook  
 MODEL : FR 762909  
 MODE : 11g Tx\_Ch11;2462MHz  
 Data Rate: 6

	Freq	Level	Over	Limit	Read&antenna	Cable	Preamp	Ant	Table	
	MHz	dBuV/m	Limit	Line	Level	Factor	Loss	Factor	Pos	Pos
			dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
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
8	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 @	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



## **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.

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 power limit.



## 6 List of Measuring Equipments Used

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)





## 7 Uncertainty Evaluation

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

Contribution	Uncertainty of $x_i$		$u(x_i)$
	dB	Probability Distribution	
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
<b>combined standard uncertainty Uc(y)</b>	<b>1.13</b>		
<b>Measuring uncertainty for a level of confidence of 95% U=2Uc(y)</b>	<b>2.26</b>		

### Uncertainty of Radiated Emission Measurement (30MHz ~ 1000MHz)

Contribution	Uncertainty of $x_i$		$u(x_i)$
	dB	Probability 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
<b>combined standard uncertainty Uc(y)</b>	<b>1.27</b>		
<b>Measuring uncertainty for a level of confidence of 95% U=2Uc(y)</b>	<b>2.54</b>		



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

Contribution	Uncertainty of $x_i$		$u(x_i)$	$C_i$	$C_i * u(x_i)$
	dB	Probability 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 $\Gamma_1 = 0.197$ Antenna VSWR $\Gamma_2 = 0.194$ Uncertainty = $20 \log(1 - \Gamma_1 * \Gamma_2 * \Gamma_3)$	+0.34/-0.35	U-shaped	0.244	1	0.244
<b>Combined standard uncertainty <math>U_c(y)</math></b>	<b>2.36</b>				
<b>Measuring uncertainty for a level of confidence of 95% <math>U = 2U_c(y)</math></b>	<b>4.72</b>				