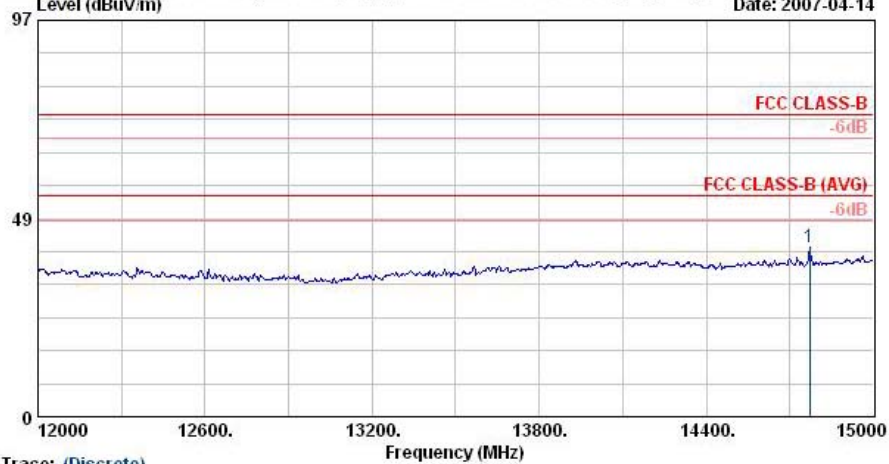




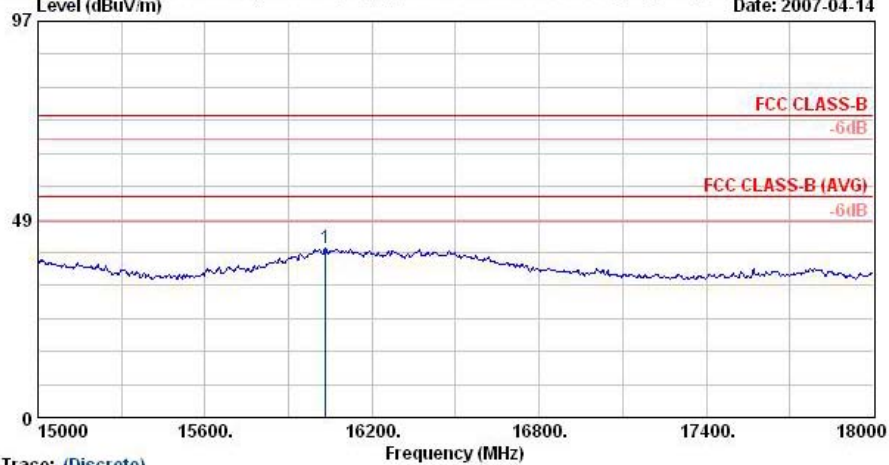
Data: 15 File: D:\Project\2007Q2\环境\732603\Part 15C\11b\11b_Tx_Ch11;2462MHz.EMI (18) Date: 2007-04-14



Trace: (Discrete)
 Condition : HF-ANT(8-16)-060918 VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11b_Tx_Ch11;2462MHz
 Data Rate : 11

	Freq	Level	Over Limit	Limit Line	Read 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	14772.00	41.52	-32.48	74.00	72.22	-6.38	11.47	35.79	---	---	Peak

Data: 16 File: D:\Project\2007Q2\环境\732603\Part 15C\11b\11b_Tx_Ch11;2462MHz.EMI (18) Date: 2007-04-14

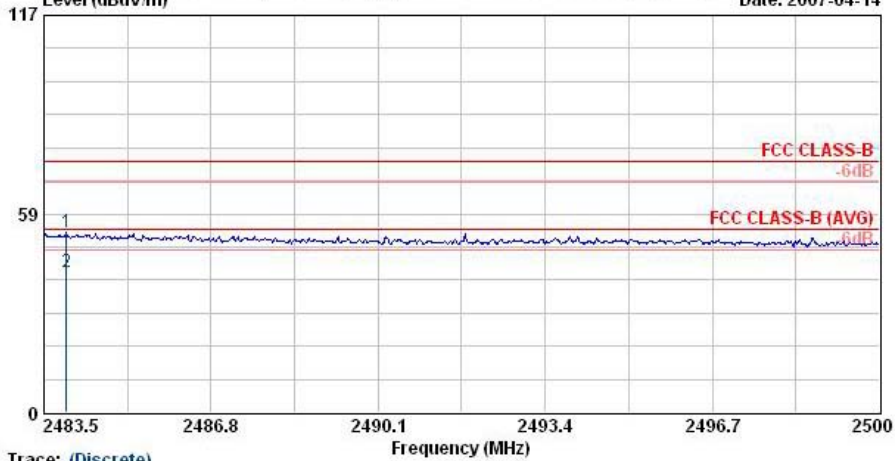


Trace: (Discrete)
 Condition : HF-ANT(8-16)-060918 VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11b_Tx_Ch11;2462MHz
 Data Rate : 11

	Freq	Level	Over Limit	Limit Line	Read 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	16032.00	41.46	-32.54	74.00	70.08	-4.27	11.78	36.13	---	---	Peak



Data: 18 File: D:\Project\2007Q2\环境\732603\Part 15C\11b\11b_Tx_Ch11;2462MHz.EMI (18) Level (dBuV/m) Date: 2007-04-14



Condition : HP-ANT-060410 VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11b_Tx_Ch11;2462MHz
 Data Rate : 11

Trace: (Discrete)

	Freq	Level	Over Limit	Limit Line	Read 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	2483.95	52.85	-21.15	74.00	54.21	30.29	3.86	35.51	100	0	Peak
2 @	2483.95	41.34	-12.66	54.00	42.70	30.29	3.86	35.51	100	159	Average

Remark: There is no more obvious spurious emission except the listings above.



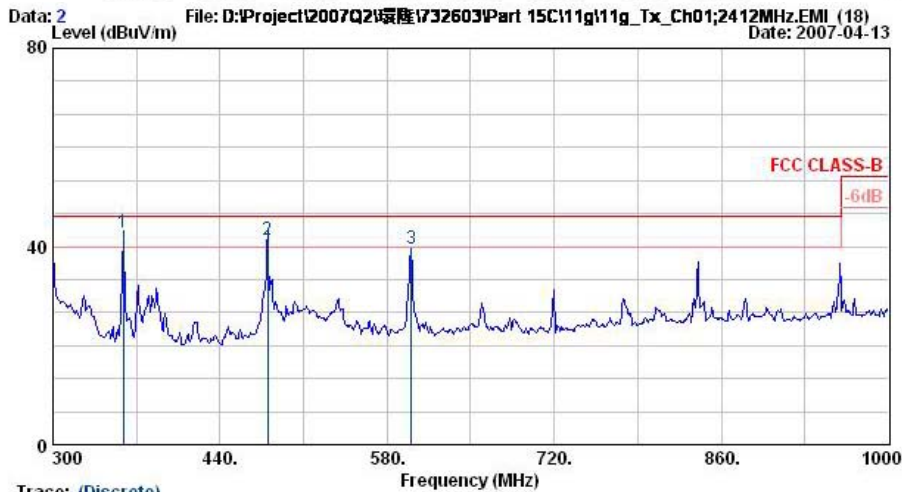
- Test Mode : Mode 4
- Polarization : Horizontal

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



Trace: (Discrete)
 Condition : LF-ANT(951121) HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch01;2412MHz
 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	119.64	28.97	-14.53	43.50	45.92	12.50	1.63	31.08	---	---	Peak
2	239.79	35.90	-10.10	46.00	52.88	11.64	2.32	30.93	---	---	Peak
3 @	299.73	36.82	-9.18	46.00	51.91	13.21	2.63	30.93	---	---	Peak



Trace: (Discrete)
 Condition : LF-ANT(951121) HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch01;2412MHz
 Data Rate : 6

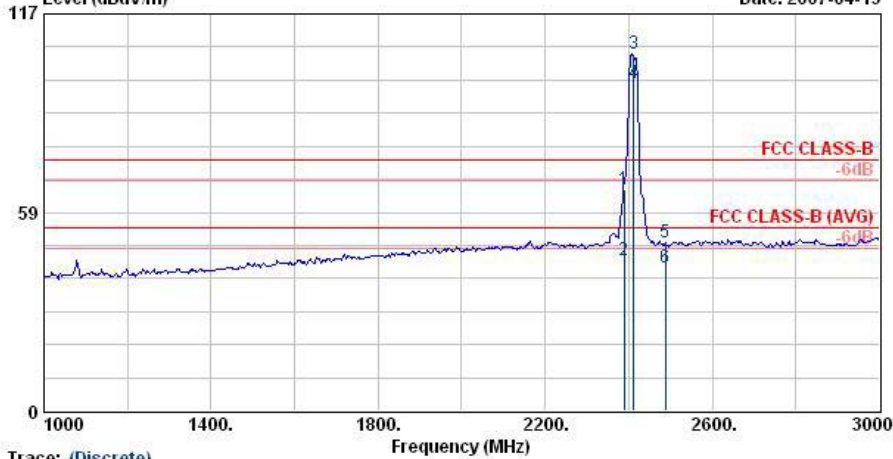
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	358.80	42.83	-3.17	46.00	56.10	14.72	2.90	30.89	100	336	QP
2 @	479.90	41.33	-4.67	46.00	51.60	17.09	3.45	30.81	100	359	QP
3 @	600.30	39.43	-6.57	46.00	47.75	18.47	3.87	30.66	---	---	Peak



FCC/IC TEST REPORT

Report No. : FR732603

Data: 3 File: D:\Project\2007Q2\Report\732603\Part 15C\11g\11g_Tx_Ch01;2412MHz.EMI (18) Date: 2007-04-13



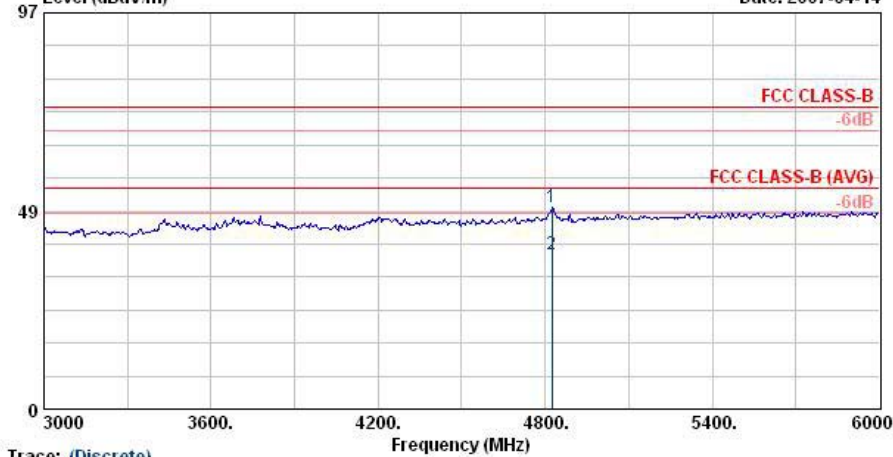
Trace: (Discrete)

Condition : HF-ANT-060410 HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch01;2412MHz
 Data Rate : 6

	Freq	Level	Over Limit	Limit Line	Read 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 @	2389.36	65.24	-8.76	74.00	66.69	30.26	3.75	35.46	100	0	Peak
2	2389.36	44.42	-9.58	54.00	45.85	30.26	3.75	35.44	115	35	Average
3 @	2412.00	105.11			106.53	30.27	3.77	35.46	100	0	Peak
4 @	2412.00	96.53			97.95	30.27	3.77	35.46	115	35	Average
5	2488.00	49.42	-24.58	74.00	50.77	30.30	3.86	35.51	100	0	Peak
6	2488.00	42.32	-11.68	54.00	43.67	30.30	3.86	35.51	115	35	Average

Remark: #3 and #4 Fundamental Signal

Data: 4 File: D:\Project\2007Q2\Report\732603\Part 15C\11g\11g_Tx_Ch01;2412MHz.EMI (18) Date: 2007-04-14



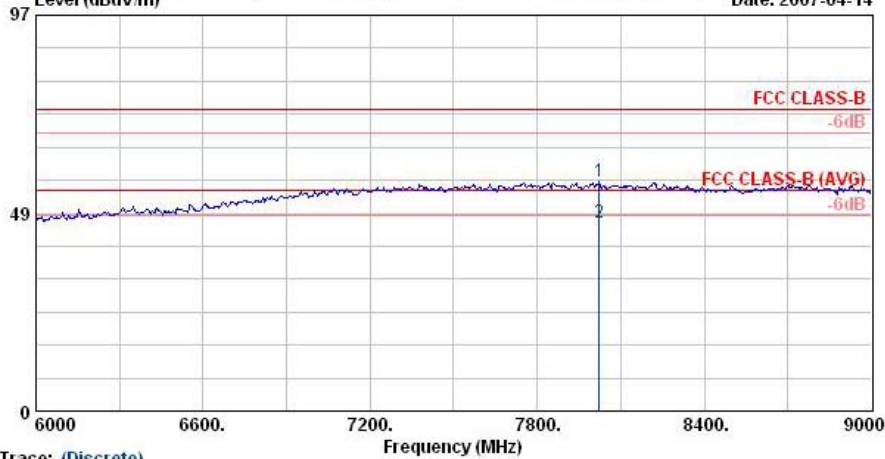
Trace: (Discrete)

Condition : HF-ANT-060410 HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch01;2412MHz
 Data Rate : 6

	Freq	Level	Over Limit	Limit Line	Read 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	4824.00	49.50	-24.50	74.00	46.84	32.94	5.84	36.12	100	0	Peak
2	4824.00	38.00	-16.00	54.00	35.33	32.94	5.84	36.12	100	116	Average



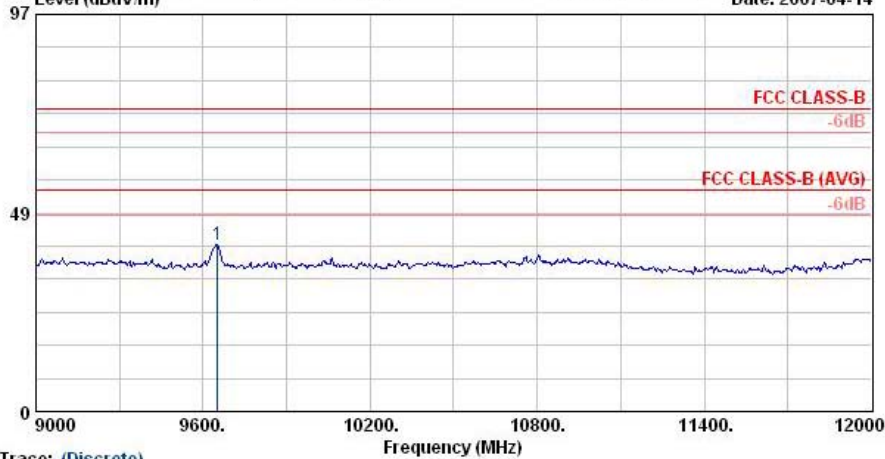
Data: 5 File: D:\Project\2007Q2\环境\732603\Part 15C\11g\11g_Tx_Ch01;2412MHz.EMI (18) Date: 2007-04-14



Trace: (Discrete)
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch01;2412MHz
 Data Rate : 6

	Freq	Level	Over Limit	Limit Line	Read 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	8022.00	56.24	-17.76	74.00	44.68	39.59	7.83	35.86	100	0	Peak
2 @	8022.00	46.10	-7.90	54.00	34.54	39.59	7.83	35.86	100	301	Average

Data: 6 File: D:\Project\2007Q2\环境\732603\Part 15C\11g\11g_Tx_Ch01;2412MHz.EMI (18) Date: 2007-04-14

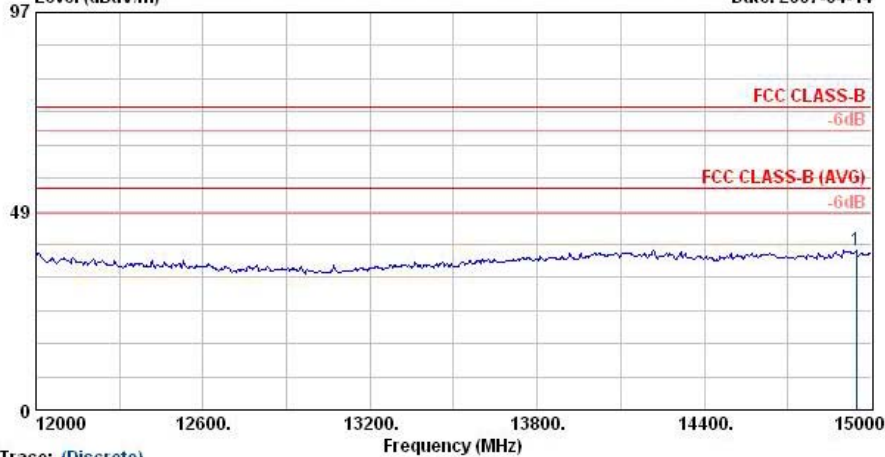


Trace: (Discrete)
 Condition : HF-ANT(6-16)-060918 HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch01;2412MHz
 Data Rate : 6

	Freq	Level	Over Limit	Limit Line	Read 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	9651.00	40.85	-33.15	74.00	78.48	-10.07	9.12	36.68	---	---	Peak



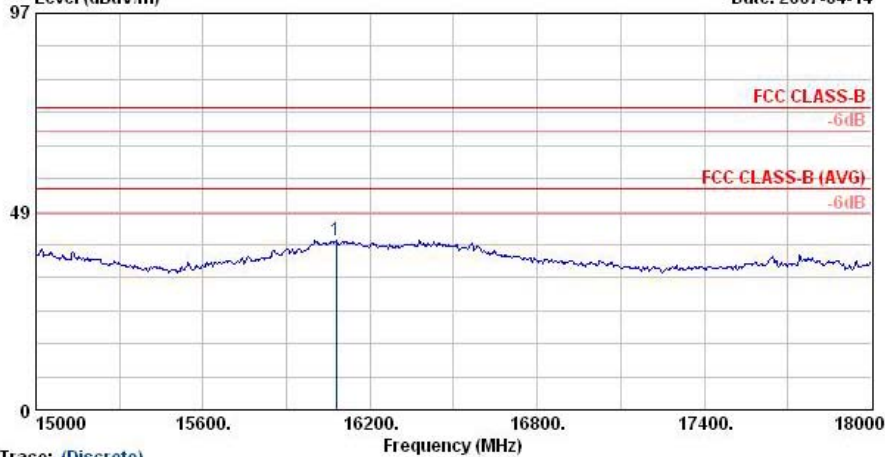
Data: 7 File: D:\Project\2007Q2\Report\732603\Part 15C\11g\11g_Tx_Ch01;2412MHz.EMI (18) Level (dBuV/m) Date: 2007-04-14



Trace: (Discrete) Condition : HF-ANT(8-18)-060918 HORIZONTAL EUT : AP/Router Power : 120Vac/60Hz Model : FR 732603 Mode : WLAN 11g_Tx_Ch01;2412MHz Data Rate : 6

Table with 11 columns: Freq, Level, Over Limit, Limit Line, ReadAntenna Level, Cable Loss, Preamp Loss, Ant Pos, Table Pos, Remark. Row 1: 14946.00 MHz, 39.04 dBuV/m, -34.96 dB, 74.00 dBuV/m, 69.95 dBuV, -6.24 dB/m, 11.31 dB, 35.98 dB, --- cm, --- deg, Peak

Data: 8 File: D:\Project\2007Q2\Report\732603\Part 15C\11g\11g_Tx_Ch01;2412MHz.EMI (18) Level (dBuV/m) Date: 2007-04-14

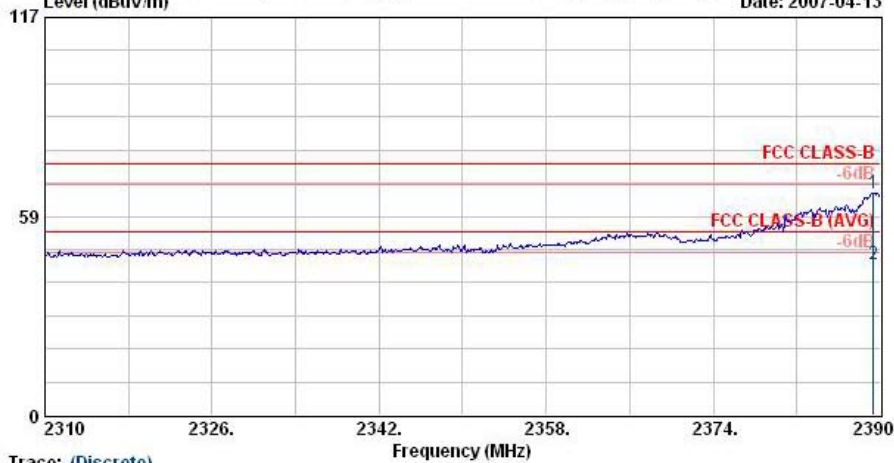


Trace: (Discrete) Condition : HF-ANT(8-18)-060918 HORIZONTAL EUT : AP/Router Power : 120Vac/60Hz Model : FR 732603 Mode : WLAN 11g_Tx_Ch01;2412MHz Data Rate : 6

Table with 11 columns: Freq, Level, Over Limit, Limit Line, ReadAntenna Level, Cable Loss, Preamp Loss, Ant Pos, Table Pos, Remark. Row 1: 16077.00 MHz, 41.32 dBuV/m, -32.68 dB, 74.00 dBuV/m, 69.96 dBuV, -4.89 dB/m, 11.79 dB, 35.53 dB, --- cm, --- deg, Peak



Data: 17 File: D:\Project\2007Q2\环境\732603\Part 15C\11g\11g_Tx_Ch01;2412MHz.EMI (18) Date: 2007-04-13



Trace: (Discrete)
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch01;2412MHz
 Data Rate : 6

	Freq	Level	Over Limit	Limit Line	Read 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 @	2389.36	65.24	-8.76	74.00	66.67	30.26	3.75	35.44	100	0	Peak
2	2389.36	44.42	-9.58	54.00	45.85	30.26	3.75	35.44	115	35	Average



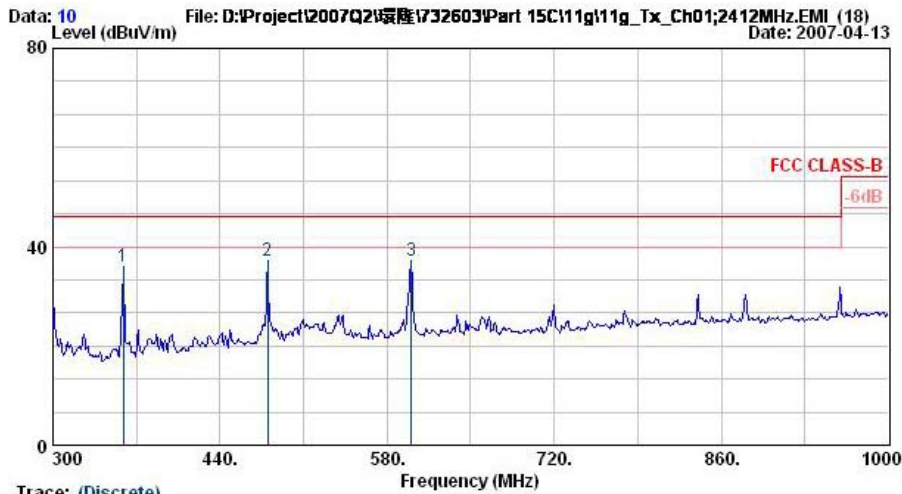
- Polarization : Vertical

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



Trace: (Discrete)
 Condition : LF-ANT(951121) VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch01;2412MHz
 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 @	33.78	34.76	-5.24	40.00	48.37	16.84	0.87	31.32	100	330 Peak
2 @	39.99	34.32	-5.68	40.00	51.10	13.51	0.92	31.21	---	---
3	119.64	33.68	-9.82	43.50	50.62	12.50	1.63	31.08	---	---

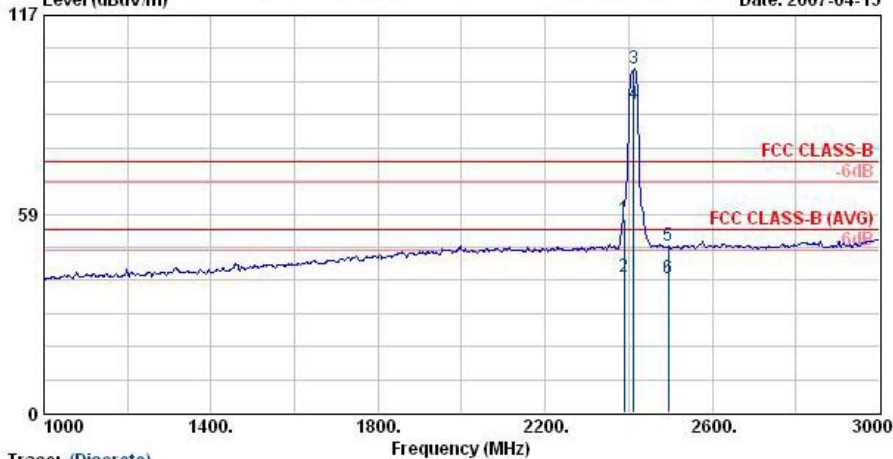


Trace: (Discrete)
 Condition : LF-ANT(951121) VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch01;2412MHz
 Data Rate : 6

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	358.80	35.92	-10.08	46.00	49.19	14.72	2.90	30.89	---	---
2 @	479.90	37.05	-8.95	46.00	47.33	17.09	3.45	30.81	---	---
3 @	600.30	37.16	-8.84	46.00	45.48	18.47	3.87	30.66	---	---



Data: 11 File: D:\Project\2007Q2\瑞登\732603\Part 15C\11g\11g_Tx_Ch01;2412MHz.EMI (18) Date: 2007-04-13



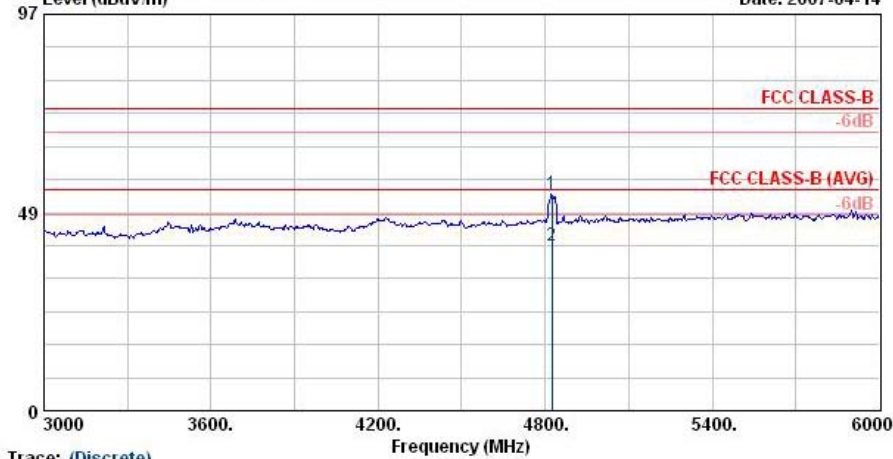
Trace: (Discrete)

Condition : HF-ANT-060410 VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 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	2388.96	57.03	-16.97	74.00	58.48	30.26	3.75	35.46	100	0	Peak
2	2388.96	39.86	-14.14	54.00	41.29	30.26	3.75	35.44	100	236	Average
3 @	2412.00	101.42			102.84	30.27	3.77	35.46	100	0	Peak
4 @	2412.00	90.76			92.18	30.27	3.77	35.46	100	236	Average
5	2494.00	49.03	-24.97	74.00	50.37	30.30	3.88	35.53	100	0	Peak
6	2494.00	39.50	-14.50	54.00	40.85	30.30	3.88	35.53	100	236	Average

Remark: #3 and #4 Fundamental Signal

Data: 12 File: D:\Project\2007Q2\瑞登\732603\Part 15C\11g\11g_Tx_Ch01;2412MHz.EMI (18) Date: 2007-04-14



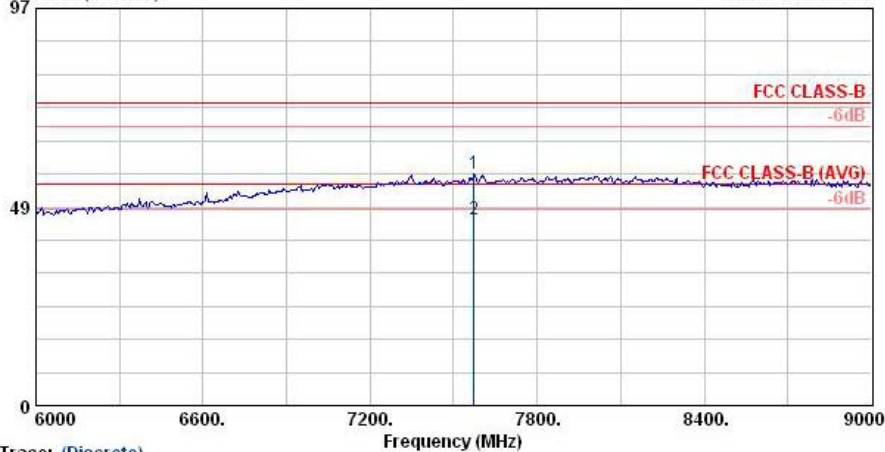
Trace: (Discrete)

Condition : HF-ANT-060410 VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 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	4824.00	52.88	-21.12	74.00	50.21	32.94	5.84	36.12	100	0	Peak
2	4824.00	40.47	-13.53	54.00	37.80	32.94	5.84	36.12	100	52	Average



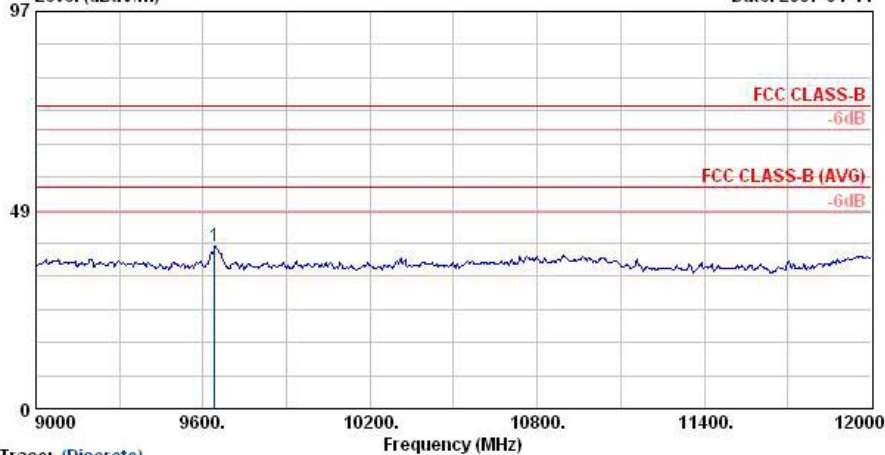
Data: 13 File: D:\Project\2007Q2\环境\732603\Part 15C\11g\11g_Tx_Ch01;2412MHz.EMI (18) Date: 2007-04-14



Trace: (Discrete)
 Condition : HF-ANT-060410 VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch01;2412MHz
 Data Rate : 6

	Freq	Level	Over Limit	Limit Line	Read 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	7572.00	56.58	-17.42	74.00	45.95	39.02	7.64	36.02	100	0	Peak
2 @	7572.00	45.50	-8.50	54.00	34.87	39.02	7.64	36.02	100	330	Average

Data: 14 File: D:\Project\2007Q2\环境\732603\Part 15C\11g\11g_Tx_Ch01;2412MHz.EMI (18) Date: 2007-04-14

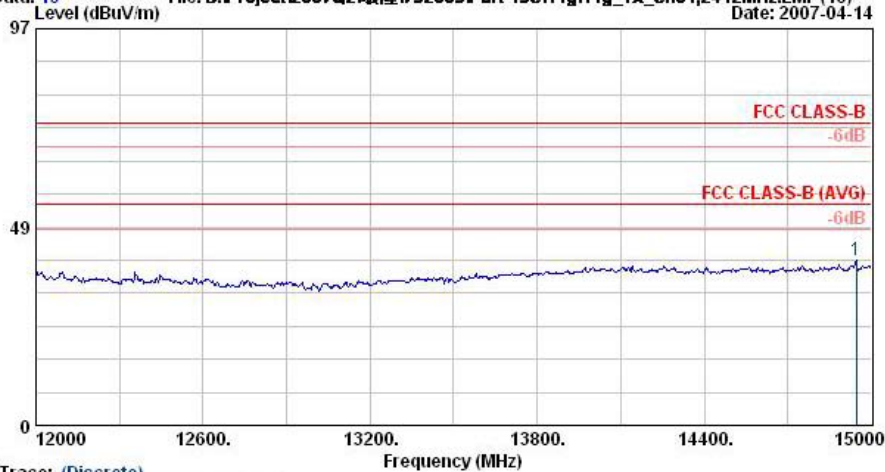


Trace: (Discrete)
 Condition : HF-ANT(6-18)-060918 VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch01;2412MHz
 Data Rate : 6

	Freq	Level	Over Limit	Limit Line	Read 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	9642.00	39.78	-34.22	74.00	77.43	-10.09	9.12	36.68	---	---	Peak



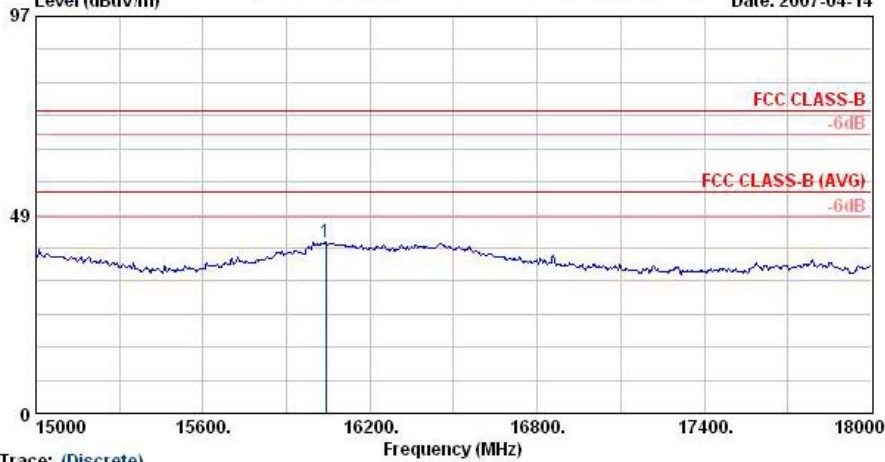
Data: 15 File: D:\Project\2007Q2\Report\732603\Part 15C\11g\11g_Tx_Ch01;2412MHz.EMI (18) Date: 2007-04-14



Trace: (Discrete)
 Condition : HF-ANT(6-18)-060918 VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch01;2412MHz
 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	14946.00	40.51	-33.49	74.00	71.42	-6.24	11.31	35.98	---	---	Peak

Data: 16 File: D:\Project\2007Q2\Report\732603\Part 15C\11g\11g_Tx_Ch01;2412MHz.EMI (18) Date: 2007-04-14

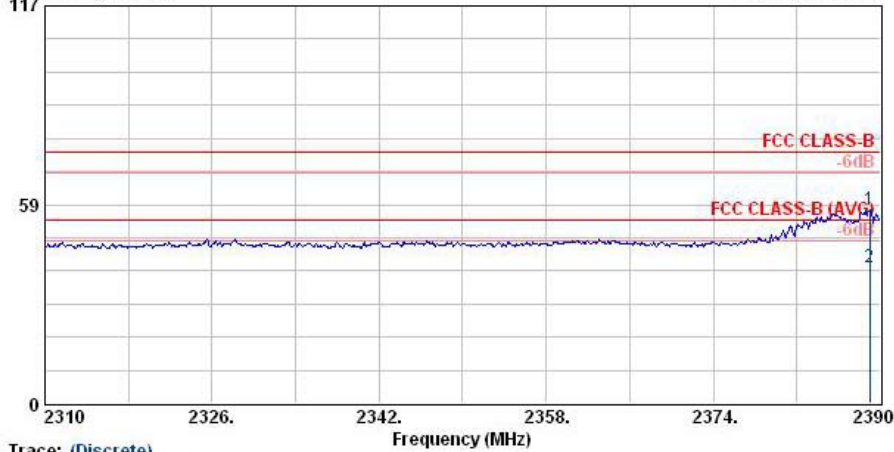


Trace: (Discrete)
 Condition : HF-ANT(6-18)-060918 VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch01;2412MHz
 Data Rate : 6

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	16041.00	41.78	-32.22	74.00	70.23	-4.40	11.78	35.83	---	---	Peak



Data: 18 File: D:\Project\2007Q2\Report\732603\Part 15C\11g\11g_Tx_Ch01;2412MHz.EMI (18) Date: 2007-04-13



Trace: (Discrete)
 Condition : HF-ANT-060410 VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch01;2412MHz
 Data Rate : 6

	Freq	Level	Over Limit	Limit Line	Read 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	2388.96	57.03	-16.97	74.00	58.46	30.26	3.75	35.44	100	0	Peak
2	2388.96	39.86	-14.14	54.00	41.29	30.26	3.75	35.44	100	236	Average

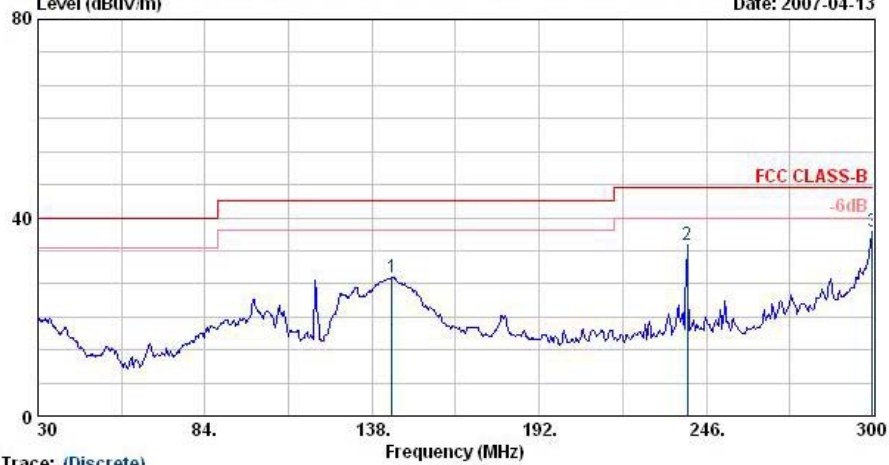
Remark: There is no more obvious spurious emission except the listings above.



- Test Mode : Mode 5
- Polarization : Horizontal

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

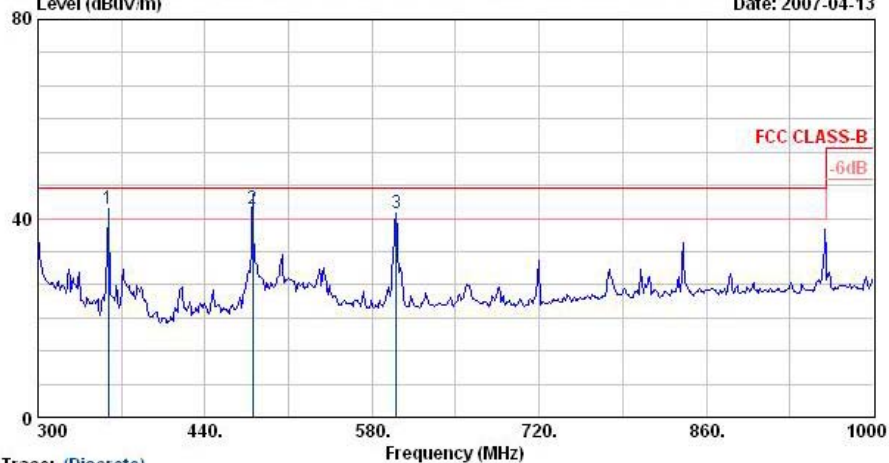
Data: 1 File: D:\Project\2007Q2\环境\732603\Part 15C\11g\11g_Tx_Ch06;2437MHz.EMI (20) Date: 2007-04-13



Trace: (Discrete)
 Condition : LF-ANT(951121) HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 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 @	144.48	28.01	-15.49	43.50	46.97	10.32	1.78	31.06	---	---	Peak
2 @	239.79	34.39	-11.61	46.00	51.37	11.64	2.32	30.93	---	---	Peak
3 @	299.73	37.18	-8.82	46.00	52.27	13.21	2.63	30.93	---	---	Peak

Data: 2 File: D:\Project\2007Q2\环境\732603\Part 15C\11g\11g_Tx_Ch06;2437MHz.EMI (20) Date: 2007-04-13

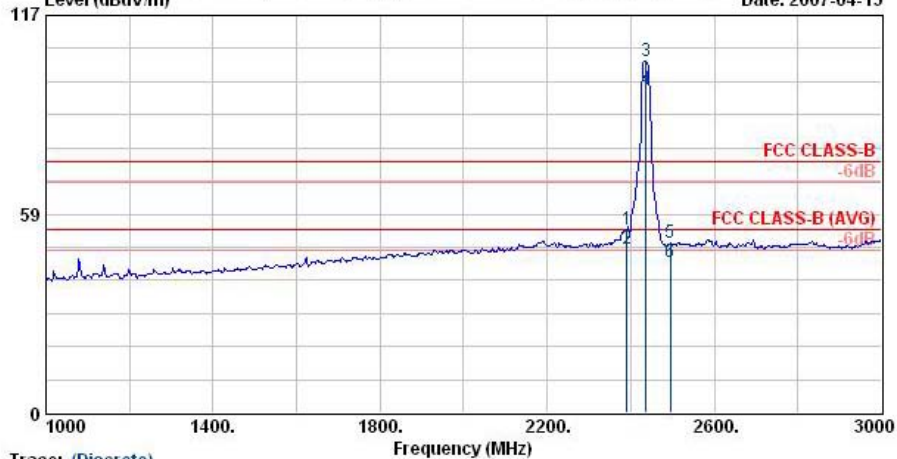


Trace: (Discrete)
 Condition : LF-ANT(951121) HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch06;2437MHz
 Data Rate : 6

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	358.80	41.93	-4.07	46.00	55.20	14.72	2.90	30.89	---	---	Peak
2 @	479.90	42.03	-3.97	46.00	52.30	17.09	3.45	30.81	100	345	QP
3 @	600.30	41.11	-4.89	46.00	49.43	18.47	3.87	30.66	---	---	Peak



Data: 3 File: D:\Project\2007Q2\环境\732603\Part 15C\11g\11g_Tx_Ch06;2437MHz.EMI (20) Date: 2007-04-13

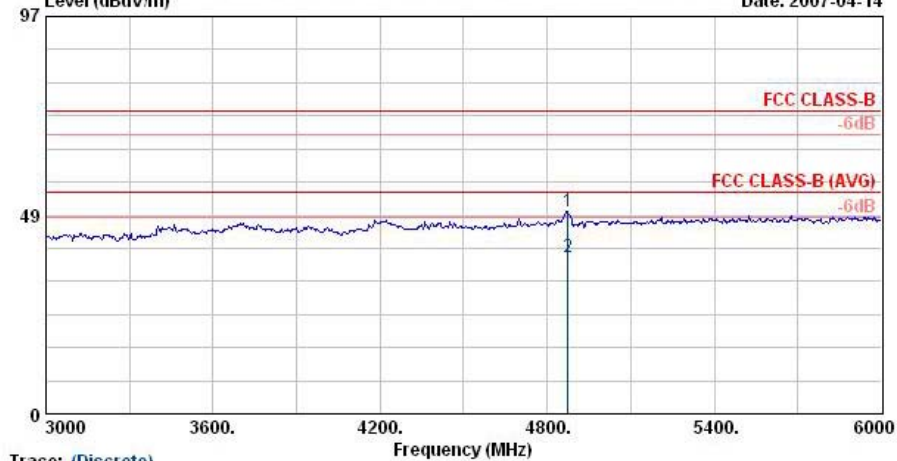


Trace: (Discrete)
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch06; 2437MHz
 Data Rate : 6

	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 @	2390.00	54.02	-19.98	74.00	55.47	30.26	3.75	35.46	100	0	Peak
2 @	2390.00	48.39	-5.61	54.00	49.84	30.26	3.75	35.46	118	34	Average
3 @	2437.00	103.59			104.99	30.27	3.79	35.47	100	0	Peak
4 @	2437.00	95.20			96.58	30.28	3.82	35.47	118	34	Average
5 @	2494.00	49.96	-24.04	74.00	51.30	30.30	3.88	35.53	100	0	Peak
6 @	2494.00	44.27	-9.73	54.00	45.62	30.30	3.88	35.53	118	34	Average

Remark: #3 and #4 Fundamental Signal

Data: 4 File: D:\Project\2007Q2\环境\732603\Part 15C\11g\11g_Tx_Ch06;2437MHz.EMI (20) Date: 2007-04-14



Trace: (Discrete)
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch06; 2437MHz
 Data Rate : 6

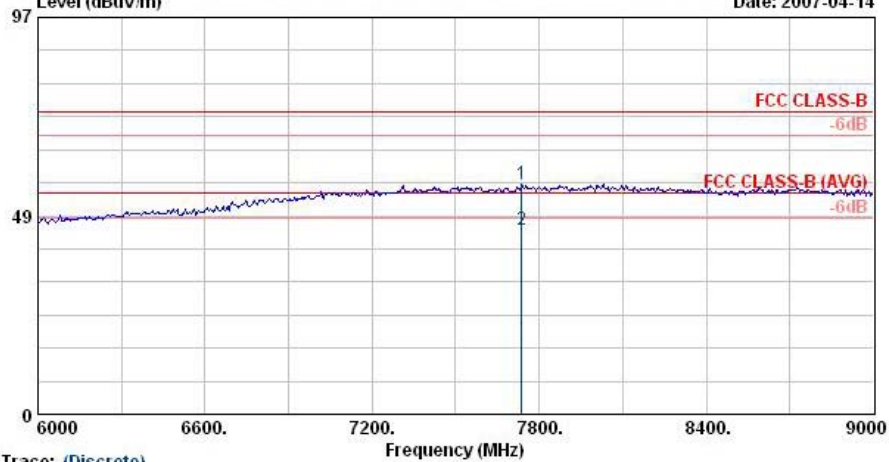
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	4874.00	49.57	-24.43	74.00	46.71	33.14	5.88	36.16	100	0	Peak
2 @	4874.00	38.06	-15.94	54.00	35.20	33.14	5.88	36.16	100	58	Average



FCC/IC TEST REPORT

Report No. : FR732603

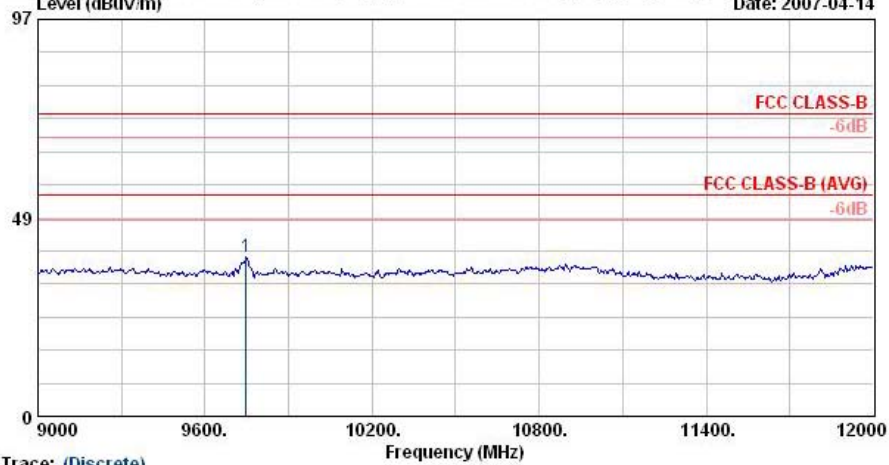
Data: 5 File: D:\Project\2007Q2\环境\732603\Part 15C\11g\11g_Tx_Ch06;2437MHz.EMI (20) Date: 2007-04-14



Trace: (Discrete)
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch06;2437MHz
 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 @	7737.00	56.34	-17.66	74.00	45.37	39.23	7.70	35.96	100	0	Peak
2 @	7737.00	45.20	-8.80	54.00	34.23	39.23	7.70	35.96	100	178	Average

Data: 6 File: D:\Project\2007Q2\环境\732603\Part 15C\11g\11g_Tx_Ch06;2437MHz.EMI (20) Date: 2007-04-14



Trace: (Discrete)
 Condition : HF-ANT(8-16)-060918 HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch06;2437MHz
 Data Rate : 6

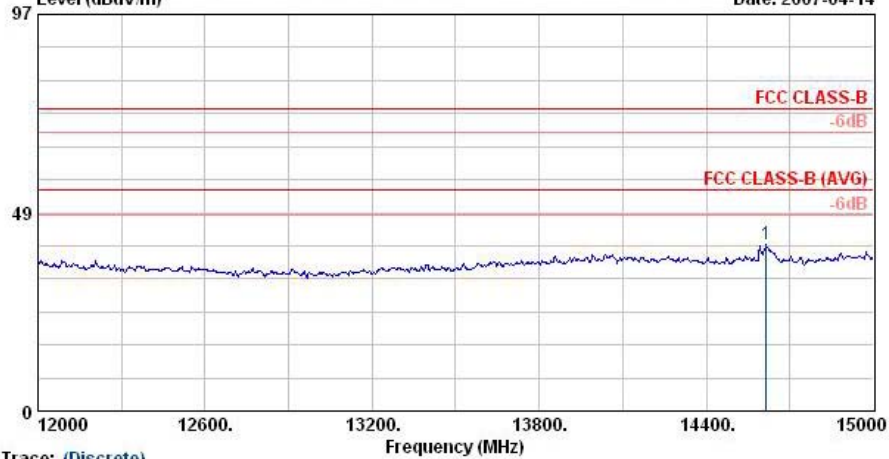
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	9747.00	38.97	-35.03	74.00	76.29	-9.85	9.15	36.61	---	---	Peak



FCC/IC TEST REPORT

Report No. : FR732603

Data: 7 File: D:\Project\2007Q2\环境\732603\Part 15C\11g\11g_Tx_Ch06;2437MHz.EMI (20)
 Level (dBuV/m) Date: 2007-04-14

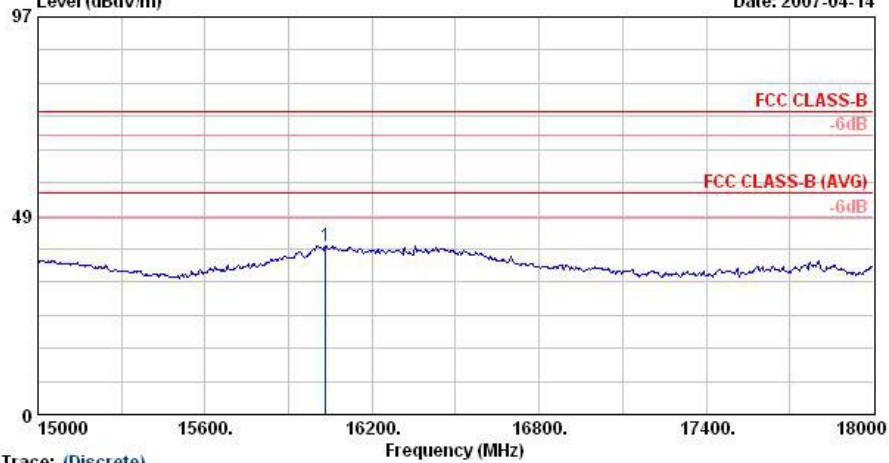


Trace: (Discrete)

Condition : HF-ANT(8-16)-060918 HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch06;2437MHz
 Data Rate : 6

	Freq	Level	Over Limit	Limit Line	Read 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	14616.00	40.61	-33.39	74.00	71.12	-6.50	11.62	35.63	---	---	Peak

Data: 8 File: D:\Project\2007Q2\环境\732603\Part 15C\11g\11g_Tx_Ch06;2437MHz.EMI (20)
 Level (dBuV/m) Date: 2007-04-14



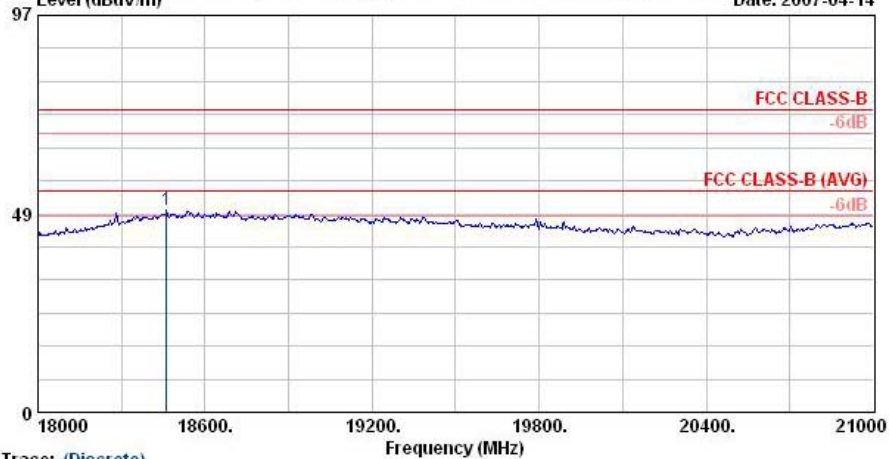
Trace: (Discrete)

Condition : HF-ANT(8-16)-060918 HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch06;2437MHz
 Data Rate : 6

	Freq	Level	Over Limit	Limit Line	Read 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	16032.00	41.28	-32.72	74.00	69.90	-4.27	11.78	36.13	---	---	Peak



Data: 9 File: D:\Project\2007Q2\环境\732603\Part 15C\11g\11g_Tx_Ch06;2437MHz.EMI (20) Date: 2007-04-14

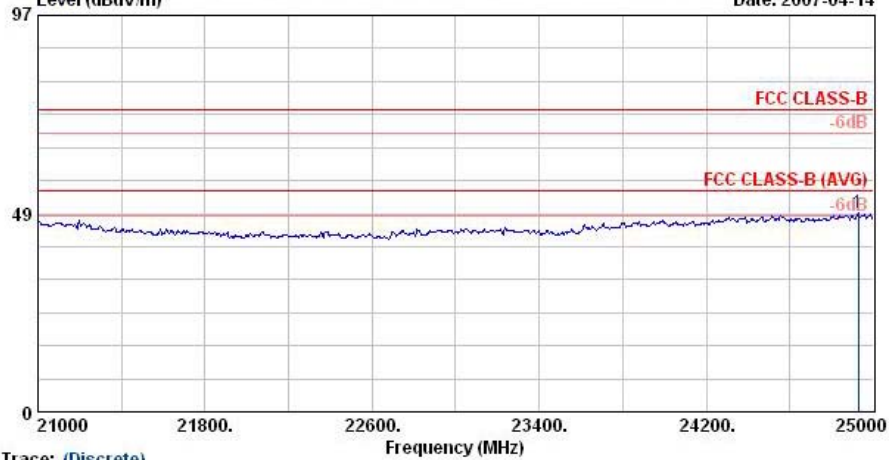


Condition : SHF-EHF HORN HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch06; 2437MHz
 Data Rate : 6

Trace: (Discrete)

	Freq	Level	Over Limit	Limit Line	Read 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 @	18462.00	49.34	-24.66	74.00	44.98	21.19	19.12	35.96	---	---	Peak

Data: 10 File: D:\Project\2007Q2\环境\732603\Part 15C\11g\11g_Tx_Ch06;2437MHz.EMI (20) Date: 2007-04-14



Condition : SHF-EHF HORN HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch06; 2437MHz
 Data Rate : 6

Trace: (Discrete)

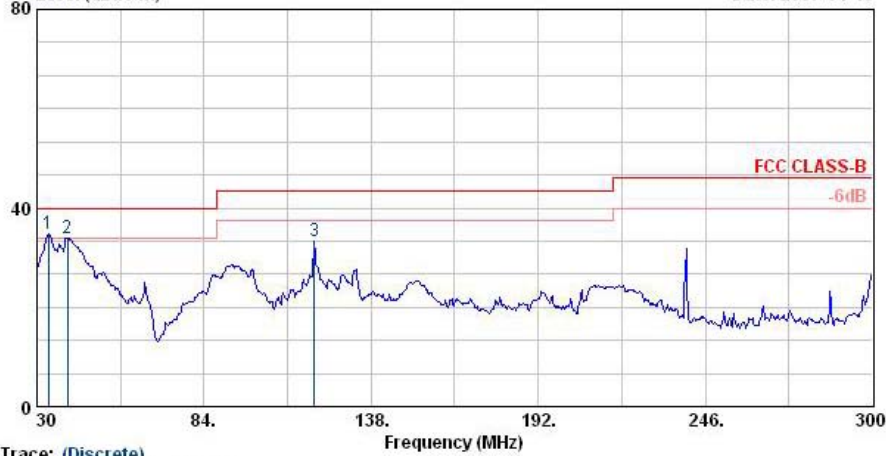
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	24928.00	48.62	-25.38	74.00	46.61	21.87	18.69	38.55	---	---	Peak



- Polarization : Vertical

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

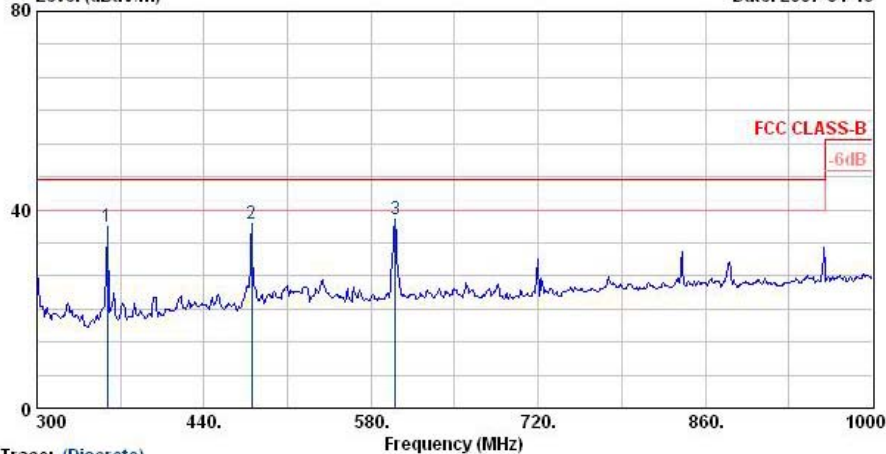
Data: 11 File: D:\Project\2007Q2\Report\732603\Part 15C\11g\11g_Tx_Ch06;2437MHz.EMI (20) Date: 2007-04-13



Trace: (Discrete)
 Condition : LF-ANT(951121) VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 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 @	33.78	34.76	-5.24	40.00	48.37	16.84	0.87	31.32	100	206 Peak
2 @	39.99	33.98	-6.02	40.00	50.76	13.51	0.92	31.21	---	---
3 @	119.64	33.24	-10.26	43.50	50.18	12.50	1.63	31.08	---	---

Data: 12 File: D:\Project\2007Q2\Report\732603\Part 15C\11g\11g_Tx_Ch06;2437MHz.EMI (20) Date: 2007-04-13

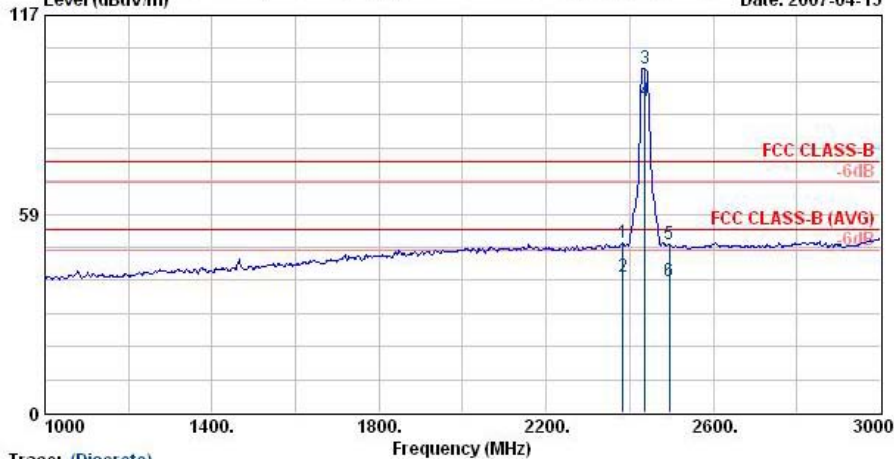


Trace: (Discrete)
 Condition : LF-ANT(951121) VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch06;2437MHz
 Data Rate : 6

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	358.80	36.62	-9.38	46.00	49.89	14.72	2.90	30.89	---	---
2 @	479.90	37.17	-8.83	46.00	47.44	17.09	3.45	30.81	---	---
3 @	600.30	37.96	-8.04	46.00	46.28	18.47	3.87	30.66	---	---



Data: 13 File: D:\Project\2007Q2\Report\732603\Part 15C\11g\11g_Tx_Ch06;2437MHz.EMI (20) Date: 2007-04-13



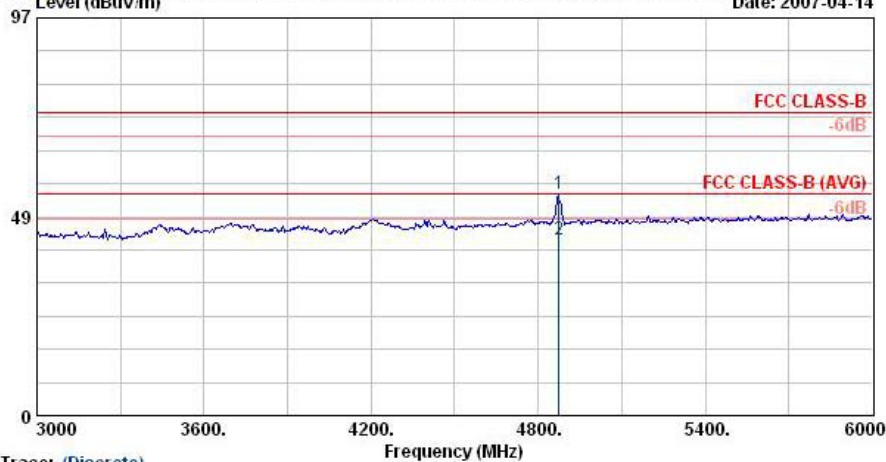
Trace: (Discrete)

Condition : HF-ANT-060410 VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch06;2437MHz
 Data Rate : 6

	Freq	Level	Over Limit	Limit Line	Read 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 @	2384.00	50.03	-23.97	74.00	51.47	30.25	3.75	35.44	100	0	Peak
2 @	2384.00	40.10	-13.90	54.00	41.54	30.25	3.75	35.44	100	101	Average
3 @	2437.00	101.41			102.81	30.27	3.79	35.47	100	0	Peak
4 @	2437.00	91.99			93.37	30.28	3.82	35.47	100	101	Average
5 @	2494.00	49.58	-24.42	74.00	50.93	30.30	3.88	35.53	100	0	Peak
6 @	2494.00	38.71	-15.29	54.00	40.06	30.30	3.88	35.53	100	101	Average

Remark: #3 and #4 Fundamental Signal

Data: 14 File: D:\Project\2007Q2\Report\732603\Part 15C\11g\11g_Tx_Ch06;2437MHz.EMI (20) Date: 2007-04-14



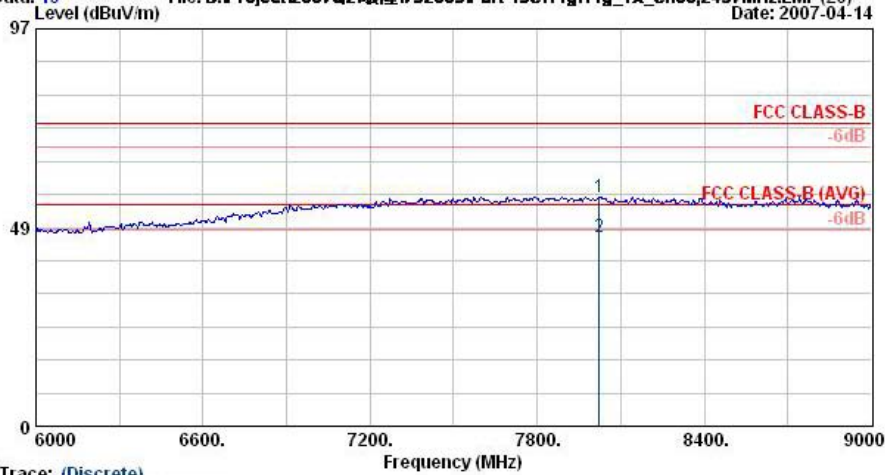
Trace: (Discrete)

Condition : HF-ANT-060410 VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch06;2437MHz
 Data Rate : 6

	Freq	Level	Over Limit	Limit Line	Read 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 @	4874.00	54.10	-19.90	74.00	51.24	33.14	5.88	36.16	100	0	Peak
2 @	4874.00	43.07	-10.93	54.00	40.21	33.14	5.88	36.16	100	52	Average



Data: 15 File: D:\Project\2007Q2\項目\732603\Part 15C\11g\11g_Tx_Ch06;2437MHz.EMI (20) Date: 2007-04-14

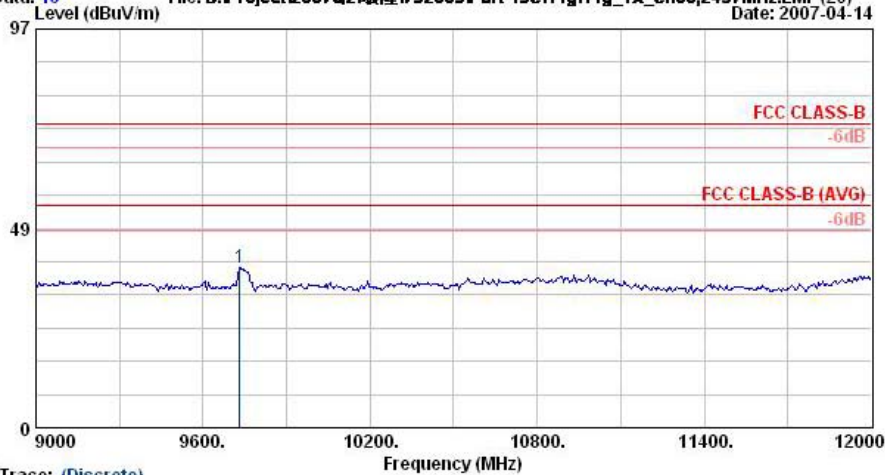


Condition : HF-ANT-060410 VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch06;2437MHz
 Data Rate : 6

Trace: (Discrete)

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1 @	8022.00	56.06	-17.94	74.00	44.50	39.59	7.83	35.86	100	0 Peak
2 @	8022.00	46.10	-7.90	54.00	34.54	39.59	7.83	35.86	100	225 Average

Data: 16 File: D:\Project\2007Q2\項目\732603\Part 15C\11g\11g_Tx_Ch06;2437MHz.EMI (20) Date: 2007-04-14



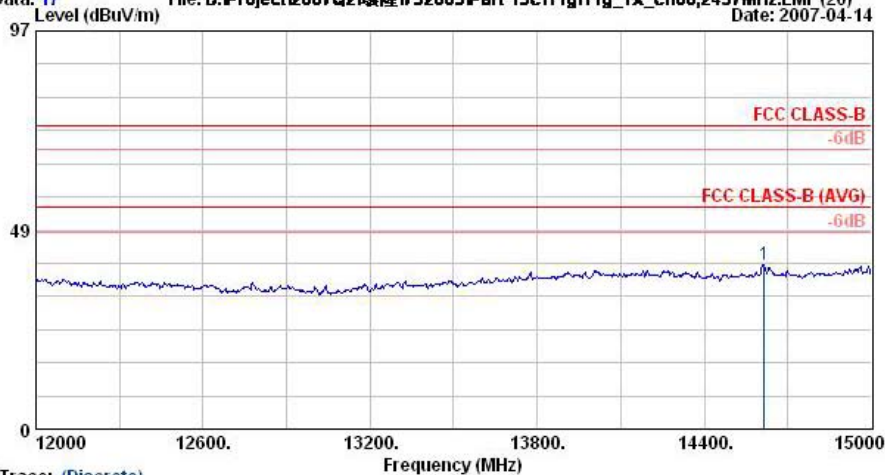
Condition : HF-ANT(6-18)-060918 VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch06;2437MHz
 Data Rate : 6

Trace: (Discrete)

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg
1	9732.00	39.02	-34.98	74.00	76.39	-9.89	9.15	36.63	---	---



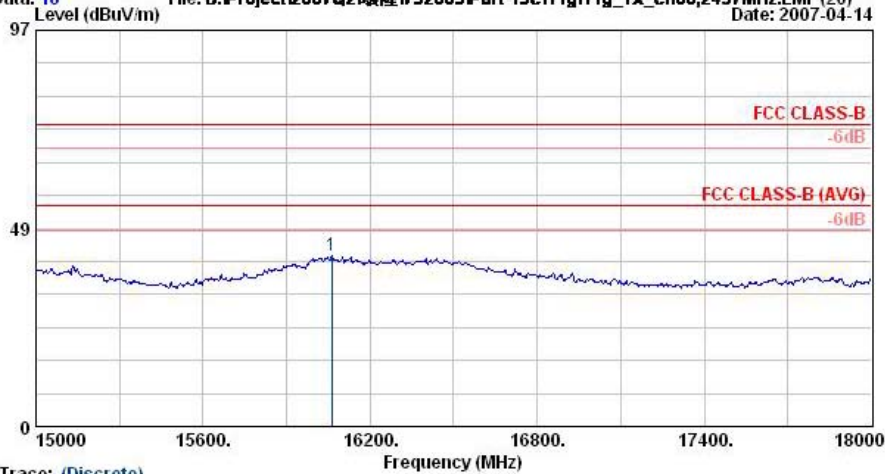
Data: 17 File: D:\Project\2007Q2\項目\732603\Part 15C\11g\11g_Tx_Ch06;2437MHz.EMI (20) Date: 2007-04-14



Trace: (Discrete)
 Condition : HF-ANT(6-18)-060918 VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch06;2437MHz
 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	14616.00	40.01	-33.99	74.00	70.52	-6.50	11.62	35.63	---	---	Peak

Data: 18 File: D:\Project\2007Q2\項目\732603\Part 15C\11g\11g_Tx_Ch06;2437MHz.EMI (20) Date: 2007-04-14

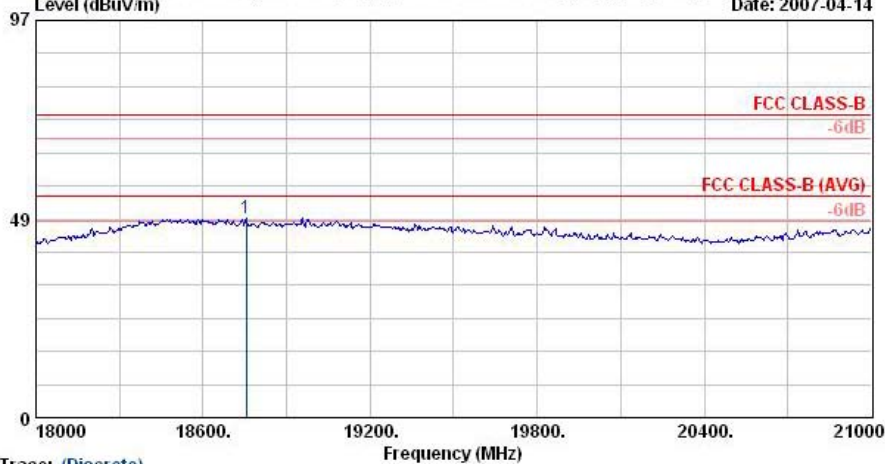


Trace: (Discrete)
 Condition : HF-ANT(6-18)-060918 VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch06;2437MHz
 Data Rate : 6

	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	16082.00	41.92	-32.08	74.00	70.31	-4.64	11.79	35.53	---	---	Peak



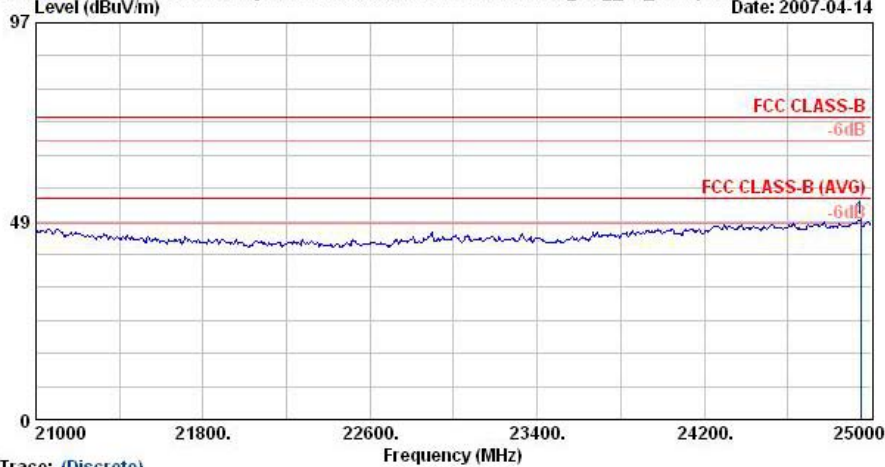
Data: 19 File: D:\Project\2007Q2\EMI\732603\Part 15C\11g\11g_Tx_Ch06;2437MHz.EMI (20) Date: 2007-04-14



Trace: (Discrete)
 Condition : SHF-EHF HORN VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch06;2437MHz
 Data Rate : 6

	Freq	Level	Over Limit	Limit Line	Read 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	18756.00	48.77	-25.23	74.00	44.56	21.33	18.73	35.84	---	---	Peak

Data: 20 File: D:\Project\2007Q2\EMI\732603\Part 15C\11g\11g_Tx_Ch06;2437MHz.EMI (20) Date: 2007-04-14



Trace: (Discrete)
 Condition : SHF-EHF HORN VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch06;2437MHz
 Data Rate : 6

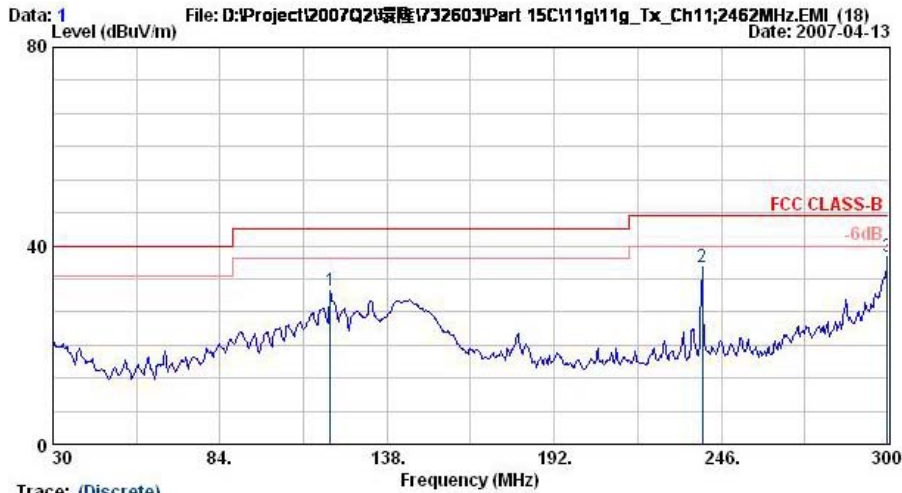
	Freq	Level	Over Limit	Limit Line	Read Level	Antenna Factor	Cable Loss	Preamp Factor	Ant Pos	Table Pos	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 @	24948.00	48.90	-25.10	74.00	46.96	21.83	18.64	38.53	---	---	Peak

Remark: There is no more obvious spurious emission except the listings above.



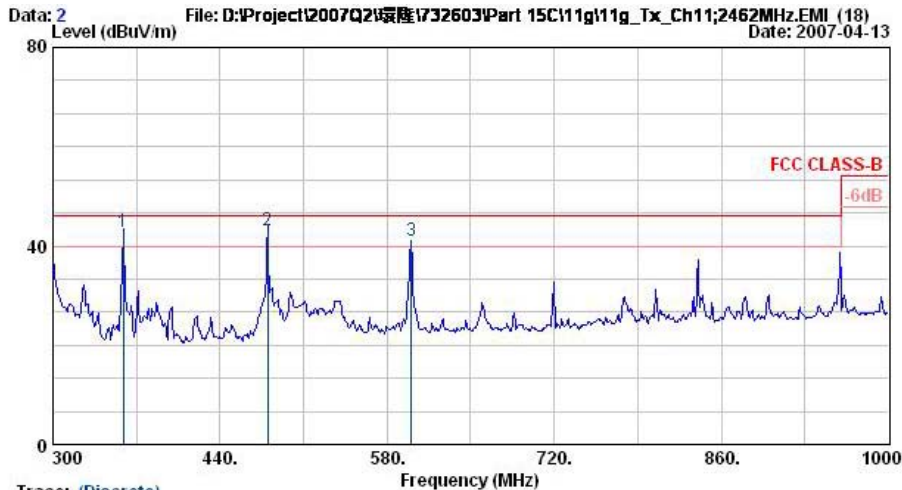
- Test Mode : Mode 6
- Polarization : Horizontal

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



Trace: (Discrete)
 Condition : LF-ANT(851121) HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch11;2462MHz
 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	119.64	31.03	-12.47	43.50	47.98	12.50	1.63	31.08	---	---	Peak
2	239.79	35.68	-10.32	46.00	52.65	11.64	2.32	30.93	---	---	Peak
3	299.73	37.66	-8.34	46.00	52.75	13.21	2.63	30.93	---	---	Peak

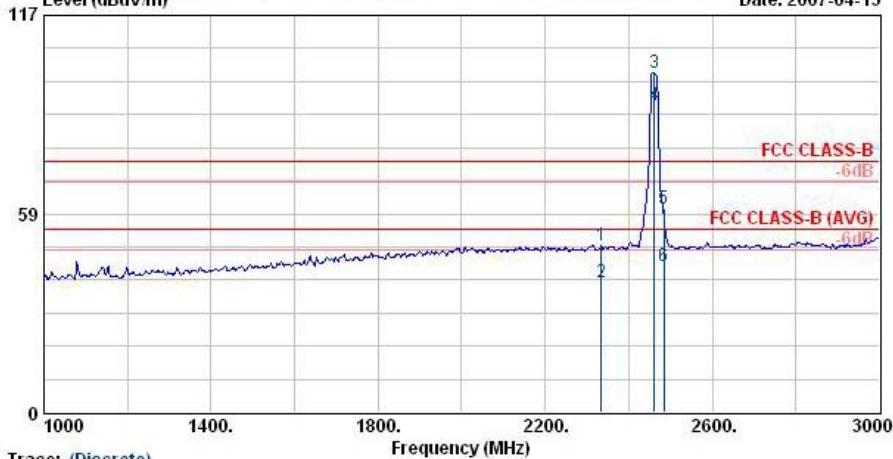


Trace: (Discrete)
 Condition : LF-ANT(851121) HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch11;2462MHz
 Data Rate : 6

	Freq	Level	Over	Limit	ReadAntenna	Cable	Preamp	Ant	Table	Remark	
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1 !	358.80	42.83	-3.17	46.00	56.10	14.72	2.90	30.89	100	235	QP
2 !	479.90	43.23	-2.77	46.00	53.50	17.09	3.45	30.81	100	21	QP
3 !	600.30	41.06	-4.94	46.00	49.38	18.47	3.87	30.66	---	---	Peak



Data: 3 File: D:\Project\2007Q2\Report\732603\Part 15C\11g\11g_Tx_Ch11;2462MHz.EMI (18) Date: 2007-04-13

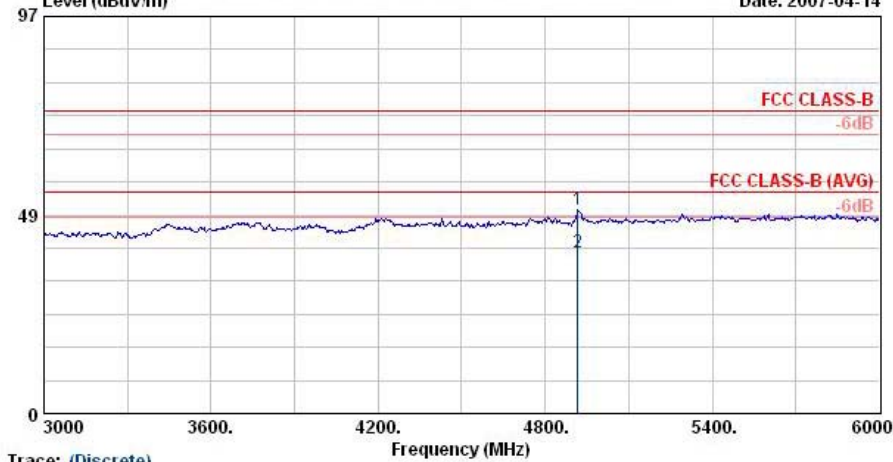


Trace: (Discrete)
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch11;2462MHz
 Data Rate : 6

	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	2334.00	49.12	-24.88	74.00	50.61	30.23	3.69	35.40	100	0	Peak
2	2334.00	38.19	-15.81	54.00	39.68	30.23	3.69	35.40	100	57	Average
3 @	2462.00	100.06			101.43	30.29	3.84	35.49	100	0	Peak
4 @	2462.00	90.48			91.85	30.29	3.84	35.49	100	57	Average
5	2483.53	60.20	-13.80	74.00	61.56	30.29	3.86	35.51	100	0	Peak
6	2483.53	42.93	-11.07	54.00	44.29	30.29	3.86	35.51	100	57	Average

Remark: #3 and #4 Fundamental Signal

Data: 4 File: D:\Project\2007Q2\Report\732603\Part 15C\11g\11g_Tx_Ch11;2462MHz.EMI (18) Date: 2007-04-14

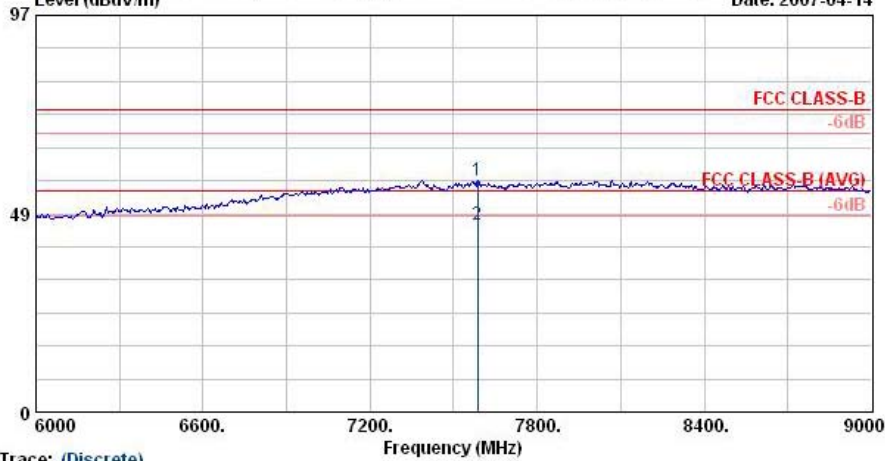


Trace: (Discrete)
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch11;2462MHz
 Data Rate : 6

	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	4917.00	49.75	-24.25	74.00	46.79	33.27	5.91	36.21	100	0	Peak
2	4917.00	39.47	-14.53	54.00	36.50	33.27	5.91	36.21	100	225	Average



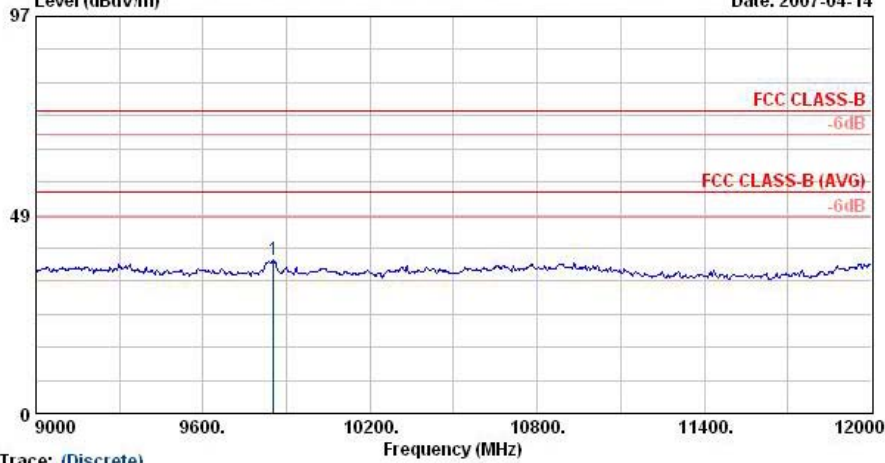
Data: 5 File: D:\Project\2007Q2\瑞登\732603\Part 15C\11g\11g_Tx_Ch11;2462MHz.EMI (18) Date: 2007-04-14



Trace: (Discrete)
 Condition : HF-ANT-060410 HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch11;2462MHz
 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	7587.00	56.66	-17.34	74.00	46.02	39.02	7.64	36.02	100	0	Peak
2	7587.00	45.94	-8.06	54.00	35.30	39.02	7.64	36.02	100	225	Average

Data: 6 File: D:\Project\2007Q2\瑞登\732603\Part 15C\11g\11g_Tx_Ch11;2462MHz.EMI (18) Date: 2007-04-14

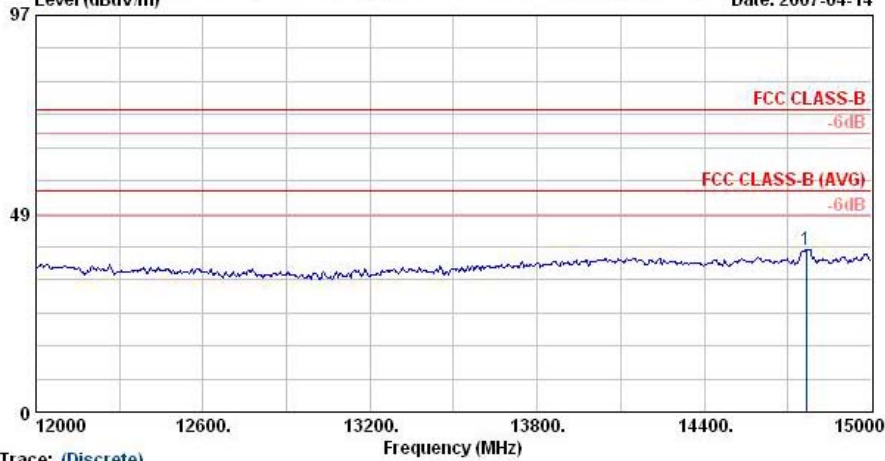


Trace: (Discrete)
 Condition : HF-ANT(8-18)-060918 HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch11;2462MHz
 Data Rate : 6

	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	9852.00	37.54	-36.46	74.00	74.52	-9.63	9.18	36.54	---	---	Peak



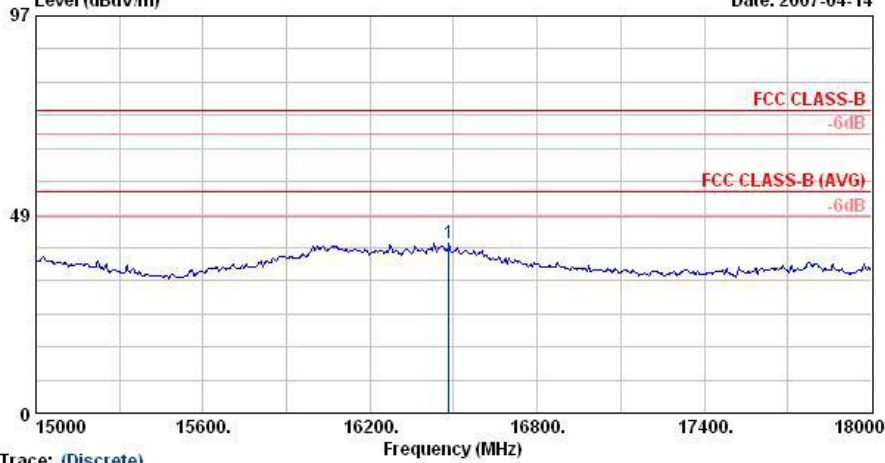
Data: 7 File: D:\Project\2007Q2\項目\732603\Part 15C\11g\11g_Tx_Ch11;2462MHz.EMI (18) Date: 2007-04-14



Trace: (Discrete) Condition : HF-ANT(8-18)-060918 HORIZONTAL EUT : AP/Router Power : 120Vac/60Hz Model : FR 732603 Mode : WLAN 11g_Tx_Ch11;2462MHz Data Rate : 6

Table with 12 columns: Freq, Level, Over Limit, Limit Line, ReadAntenna Level Factor, Cable Loss, Preamp Factor, Ant Pos, Table Pos, Remark. Row 1: 14766.00, 39.82, -34.18, 74.00, 70.52, -6.38, 11.47, 35.79, ---, ---, Peak

Data: 8 File: D:\Project\2007Q2\項目\732603\Part 15C\11g\11g_Tx_Ch11;2462MHz.EMI (18) Date: 2007-04-14

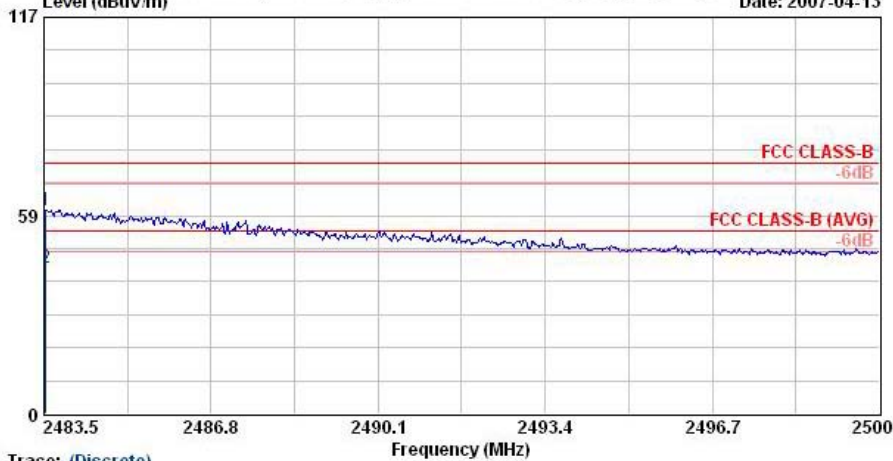


Trace: (Discrete) Condition : HF-ANT(8-18)-060918 HORIZONTAL EUT : AP/Router Power : 120Vac/60Hz Model : FR 732603 Mode : WLAN 11g_Tx_Ch11;2462MHz Data Rate : 6

Table with 12 columns: Freq, Level, Over Limit, Limit Line, ReadAntenna Level Factor, Cable Loss, Preamp Factor, Ant Pos, Table Pos, Remark. Row 1: 16482.00, 41.44, -32.56, 74.00, 70.23, -9.85, 11.88, 30.81, ---, ---, Peak



Data: 17 File: D:\Project\2007Q2\Report\732603\Part 15C\11g\11g_Tx_Ch11;2462MHz.EMI (18) Level (dBuV/m) Date: 2007-04-13



Trace: (Discrete)

Condition : HF-ANT-060410 HORIZONTAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch11;2462MHz
 Data Rate : 6

	Freq	Level	Over Limit	Limit Line	Read 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	2483.53	60.20	-13.80	74.00	61.56	30.29	3.86	35.51	100	0	Peak
2	2483.53	42.93	-11.07	54.00	44.29	30.29	3.86	35.51	100	57	Average



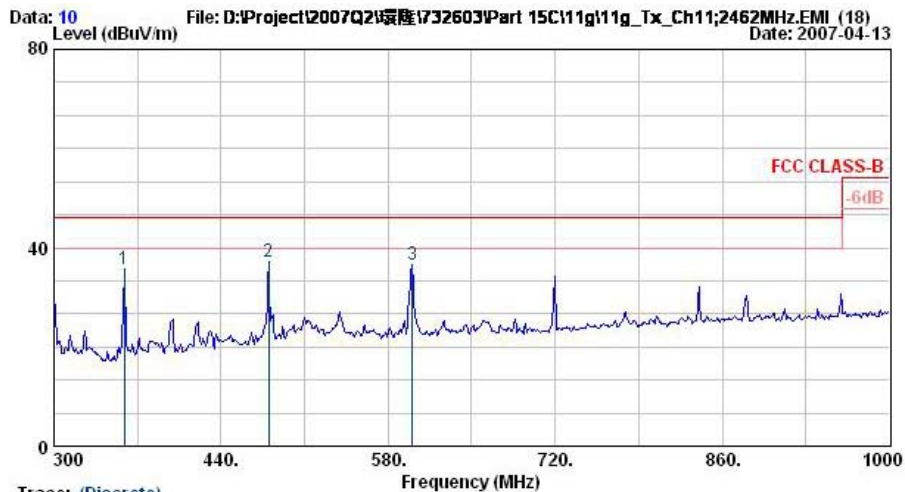
- Polarization : Vertical

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



Trace: (Discrete)
 Condition : LF-ANT(951121) VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 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 !	33.78	35.38	-4.62	40.00	48.99	16.84	0.87	31.32	---	---	Peak
2 !	40.53	34.58	-5.42	40.00	51.84	13.01	0.92	31.19	---	---	Peak
3 !	133.14	39.50	-4.00	43.50	57.53	11.37	1.67	31.08	132	127	QP



Trace: (Discrete)
 Condition : LF-ANT(951121) VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch11;2462MHz
 Data Rate : 6

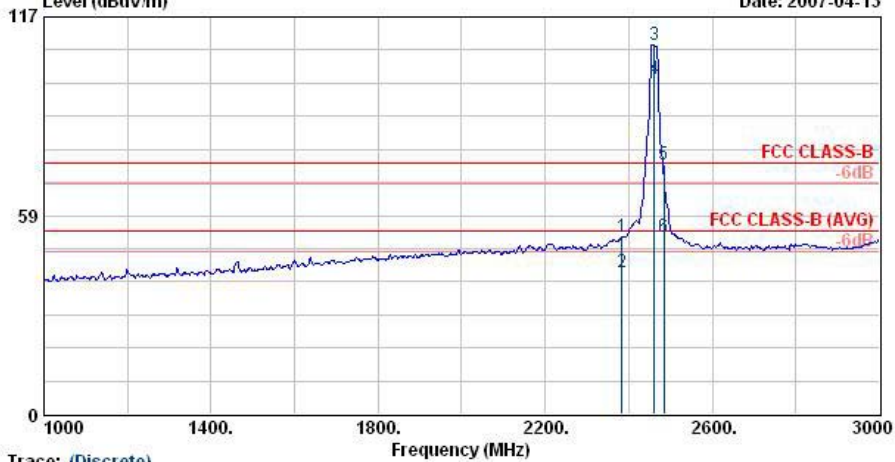
	Freq	Level	Over	Limit	Read	Antenna	Cable	Preamp	Ant	Table	Remark
	MHz	dBuV/m	dB	dBuV/m	dBuV	dB/m	dB	dB	cm	deg	
1	358.80	35.60	-10.40	46.00	48.87	14.72	2.90	30.89	---	---	Peak
2	479.90	37.09	-8.91	46.00	47.36	17.09	3.45	30.81	---	---	Peak
3	600.30	36.60	-9.40	46.00	44.92	18.47	3.87	30.66	---	---	Peak



FCC/IC TEST REPORT

Report No. : FR732603

Data: 11 File: D:\Project\2007Q2\环境\732603\Part 15C\11g\11g_Tx_Ch11;2462MHz.EMI (18) Date: 2007-04-13



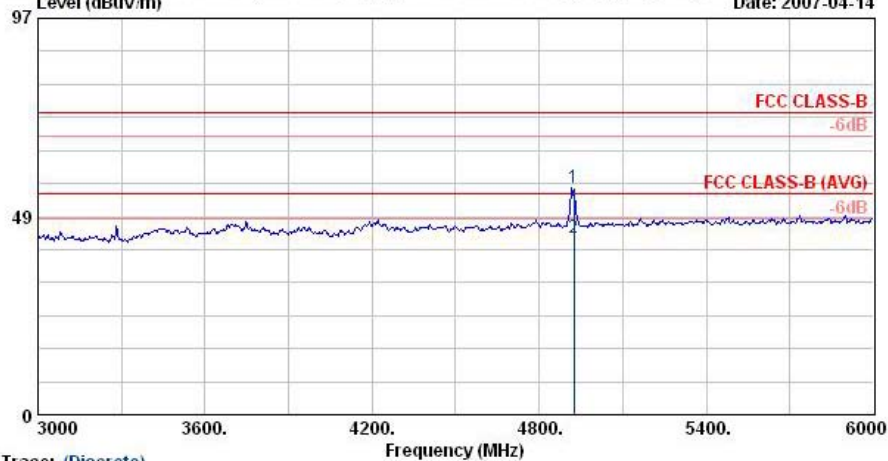
Trace: (Discrete)

Condition : HF-ANT-060410 VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch11;2462MHz
 Data Rate : 6

	Freq	Level	Over Limit	Limit Line	Read 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	2384.00	52.11	-21.89	74.00	53.55	30.25	3.75	35.44	100	0	Peak
2	2384.00	41.72	-12.28	54.00	43.16	30.25	3.75	35.44	100	314	Average
3 @	2462.00	108.87			110.24	30.29	3.84	35.49	100	0	Peak
4 @	2462.00	98.83			100.20	30.29	3.84	35.49	100	314	Average
5 @	2483.50	73.32	-0.68	74.00	74.68	30.29	3.86	35.51	100	0	Peak
6 !	2483.50	52.25	-1.75	54.00	53.61	30.29	3.86	35.51	100	314	Average

Remark: #3 and #4 Fundamental Signal

Data: 12 File: D:\Project\2007Q2\环境\732603\Part 15C\11g\11g_Tx_Ch11;2462MHz.EMI (18) Date: 2007-04-14



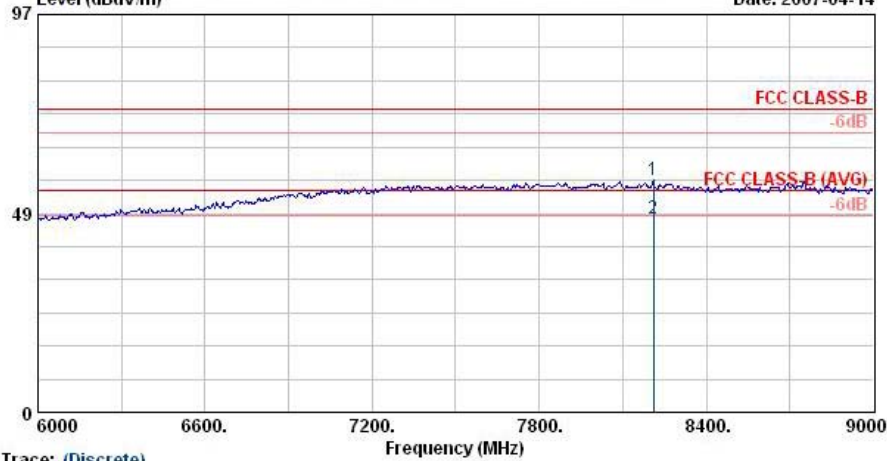
Trace: (Discrete)

Condition : HF-ANT-060410 VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch11;2462MHz
 Data Rate : 6

	Freq	Level	Over Limit	Limit Line	Read 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	4924.00	55.57	-18.43	74.00	52.60	33.27	5.91	36.21	100	0	Peak
2	4924.00	43.17	-10.83	54.00	40.12	33.34	5.92	36.21	100	61	Average



Data: 13 File: D:\Project\2007Q2\Report\732603\Part 15C\11g\11g_Tx_Ch11;2462MHz.EMI (18) Date: 2007-04-14

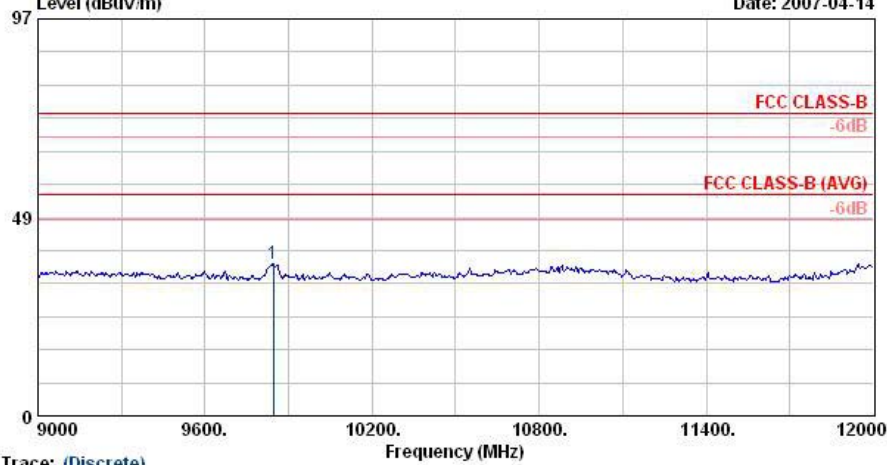


Condition : HF-ANT-060410 VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch11;2462MHz
 Data Rate : 6

Trace: (Discrete)

	Freq	Level	Over Limit	Limit Line	Read 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	8211.00	56.63	-17.37	74.00	45.13	39.43	8.04	35.97	100	0	Peak
2	8211.00	47.16	-6.84	54.00	35.66	39.43	8.04	35.97	100	220	Average

Data: 14 File: D:\Project\2007Q2\Report\732603\Part 15C\11g\11g_Tx_Ch11;2462MHz.EMI (18) Date: 2007-04-14



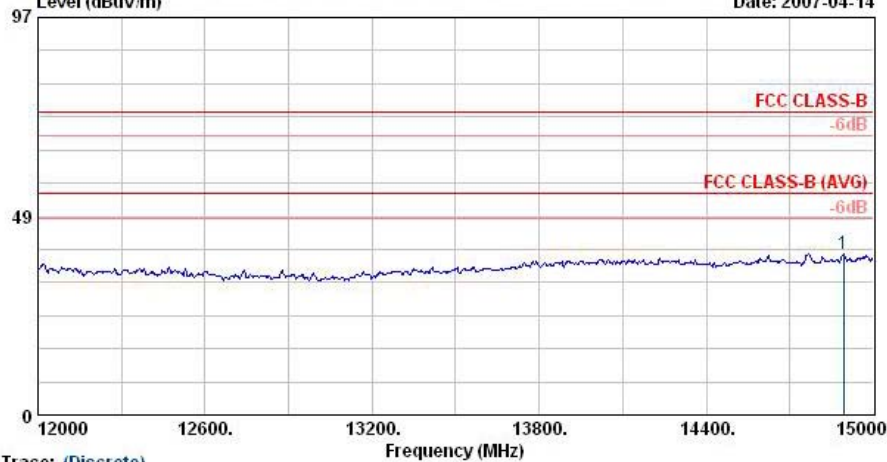
Condition : HF-ANT(8-18)-060918 VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch11;2462MHz
 Data Rate : 6

Trace: (Discrete)

	Freq	Level	Over Limit	Limit Line	Read 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	9846.00	37.09	-36.91	74.00	74.07	-9.63	9.18	36.54	---	---	Peak



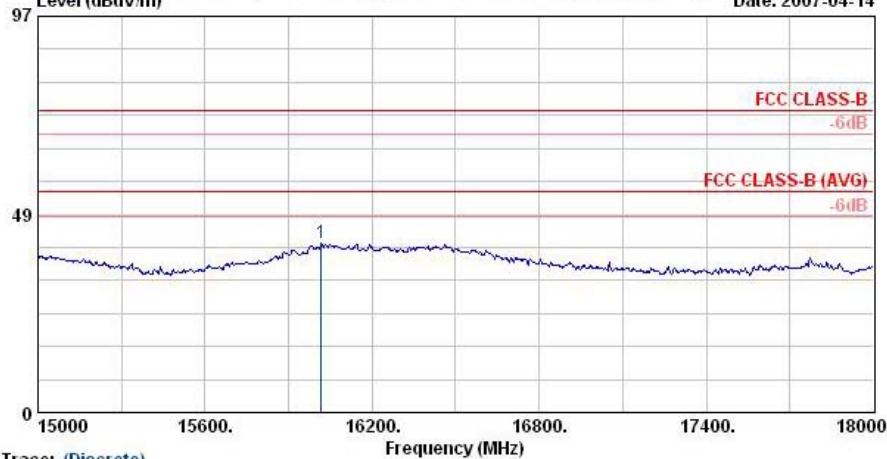
Data: 15 File: D:\Project\2007Q2\Report\732603\Part 15C\11g\11g_Tx_Ch11;2462MHz.EMI (18) Date: 2007-04-14



Trace: (Discrete)
Condition : HF-ANT(8-18)-060918 VERTICAL
EUT : AP/Router
Power : 120Vac/60Hz
Model : FR 732603
Mode : WLAN 11g_Tx_Ch11;2462MHz
Data Rate : 6

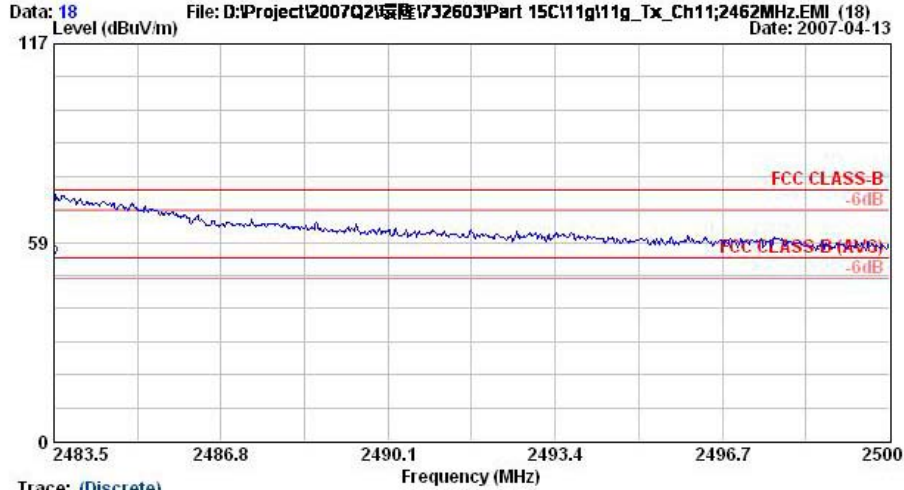
Table with 11 columns: Freq, Level, Over Limit, Limit Line, ReadAntenna Level, Antenna Factor, Cable Loss, Preamp Factor, Ant Pos, Table Pos, Remark. Row 1: 14892.00 MHz, 39.28 dBuV/m, -34.72 dB, 74.00 dBuV/m, 70.13 dBuV, -6.29 dB/m, 11.36 dB, 35.93 dB, --- cm, --- deg, Peak

Data: 16 File: D:\Project\2007Q2\Report\732603\Part 15C\11g\11g_Tx_Ch11;2462MHz.EMI (18) Date: 2007-04-14



Trace: (Discrete)
Condition : HF-ANT(8-18)-060918 VERTICAL
EUT : AP/Router
Power : 120Vac/60Hz
Model : FR 732603
Mode : WLAN 11g_Tx_Ch11;2462MHz
Data Rate : 6

Table with 11 columns: Freq, Level, Over Limit, Limit Line, ReadAntenna Level, Antenna Factor, Cable Loss, Preamp Factor, Ant Pos, Table Pos, Remark. Row 1: 16017.00 MHz, 41.35 dBuV/m, -32.65 dB, 74.00 dBuV/m, 69.85 dBuV, -4.15 dB/m, 11.77 dB, 36.13 dB, --- cm, --- deg, Peak



Trace: (Discrete)
 Condition : HF-ANT-060410 VERTICAL
 EUT : AP/Router
 Power : 120Vac/60Hz
 Model : FR 732603
 Mode : WLAN 11g_Tx_Ch11;2462MHz
 Data Rate : 6

	Freq	Level	Over Limit	Limit Line	Read 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 @	2483.50	73.32	-0.68	74.00	74.68	30.29	3.86	35.51	100	0	Peak
2 !	2483.50	52.25	-1.75	54.00	53.61	30.29	3.86	35.51	100	314	Average

Remark: There is no more obvious spurious emission except the listings above.



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 Dipole Antenna with reverse SMA 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	Jul. 04, 2006	Jul. 04, 2007	Conduction (CO01-HY)
LISN	MessTec	NNB-2/16Z	2001/004	9kHz – 30MHz	Apr. 28, 2006	Apr. 28, 2007	Conduction (CO01-HY)
LISN (Support Unit)	MessTec	NNB-2/16Z	2001/009	9kHz – 30MHz	Apr. 19, 2007	Apr. 19, 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. 22, 2006	Dec. 22, 2007	Conduction (CO01-HY)
Spectrum analyzer	Agilent	E4408B	MY44211030	9KHz-26.5GHz	Oct. 05, 2006	Oct. 04, 2007	Radiation (03CH06-HY)
EMI Test Receiver	R&S	ESCS30	100356	9KHz-2.75GHz	Jul. 13, 2006	Jul. 12, 2007	Radiation (03CH06-HY)
Controller	INN-CO	CO2000	N/A	N/A	N/A	N/A	Radiation (03CH06-HY)
Bilog Antenna	SCHAFFNER	CBL6112B	2885	30MHz -2GHz	Nov. 20, 2006	Nov. 19, 2007	Radiation (03CH06-HY)
Horn Antenna	Com-Power	AH118	071025	1G-18G	Mar. 29, 2006	Mar. 28, 2008	Radiation (03CH06-HY)
SHF-EHF Horn	SCHWARZBECK	BBHA 9170	9170-249	14G - 40G	Nov. 20, 2006	Nov. 19, 2008	Radiation (03CH06-HY)
Pre Amplifier	Agilent	8449B	3008A01917	1G - 26.5G	Nov. 15, 2006	Nov. 14, 2007	Radiation (03CH06-HY)
Pre Amplifier	Mini Circuits	ZKL-2	D092004-1	10~2500MHz	Nov. 15, 2006	Nov. 14, 2007	Radiation (03CH06-HY)
Turn Table	INN-CO	DS2000	420/650/00	0 ~ 360 degree	N/A	N/A	Radiation (03CH06-HY)
Antenna Mast	INN-CO	MM3000	114/8000604/L	1 m - 4 m	N/A	N/A	Radiation (03CH06-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
combined standard uncertainty Uc(y)	1.13		
Measuring uncertainty for a level of confidence of 95% U=2Uc(y)	2.26		

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
combined standard uncertainty Uc(y)	1.27		
Measuring uncertainty for a level of confidence of 95% U=2Uc(y)	2.54		



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
Combined standard uncertainty $U_c(y)$	2.36				
Measuring uncertainty for a level of confidence of 95% $U = 2U_c(y)$	4.72				