Test Report

Product Name ： Wireless N Home Network Camera
Model No. ： DCS-930, DCS-930L
FCC ID. ： KA2CS930LA1

Applicant ： D-Link Corporation
Address ： No.289, Sinhu 3rd Rd., Neihu District, Taipei City 114, Taiwan, R.O.C.

Date of Receipt ： 2011/09/08
Issued Date ： 2011/10/11
Report No. ： 11A032R-RFUSP38V01
Report Version ： V1.0

Test Report Certification

Issued Date : 2011/10/11
Report No. : 11A032R-RFUSP38V01

QuieTek

Product Name	:	Wireless N Home Network Camera
Applicant	:	D-Link Corporation
Address	:	No.289, Sinhu 3rd Rd., Neihu District, Taipei City 114, Taiwan, R.O.C.
Manufacturer	:	Alpha Networks Inc.
Model No.	:	DCS-930, DCS-930L
FCC ID.	:	KA2CS930LA1
EUT Voltage	:	AC 100-240V / 50/60Hz
Trade Name	:	D-Link
Applicable Standard	:	FCC CFR Title 47 Part 15 Subpart C Section 15.247: 2010
Test Result	:	Complied

The test results relate only to the samples tested.
The test report shall not be reproduced except in full without the written approval of QuieTek Corporation.

Documented By : (Carol Tsai / Engineering Adm. Specialist)

Reviewed By : (Quale Tang / Engineer)

Approved By : (Roy Wang / Manager)

TABLE OF CONTENTS

1. General Information

1.1. EUT Description

Product Name	Wireless N Home Network Camera
Product Type	WLAN (1TX, 1RX)
Trade Name	D-Link
Model No.	DCS-930, DCS-930L
Frequency Range -IEEE 802.11b/g & IEEE 802.11n (20MHz)	2412~2462MHz
Frequency Range- IEEE 802.11n (40MHz)	2422~2452MHz
Channel Number (IEEE 802.11b/g & IEEE 802.11n (20MHz))	11
Channel Number- IEEE 802.11n (40MHz)	7
Type of Modulation (IEEE 802.11b)	Direct Sequence Spread Spectrum (DSSS)
Type of Modulation (IEEE 802.11g/n)	Orthogonal Frequency Division Multiplexing (OFDM)
Data Speed (IEEE 802.11b)	1Mbps, 2Mbps, 5.5Mbps, 11Mbps
Data Speed (IEEE 802.11g)	6Mbps,9Mbps,12Mbps,18Mbps,24Mbps,36Mbps,48Mbps,54Mbps
Data Speed (IEEE 802.11n)	Support a subset of the combination of GI, MCS 0~MCS 7 and bandwidth defined in 802.11n
Antenna Gain	2.76dBi
Channel Control	Manual
Antenna Type	PCB type
Power Adapter	D-Link, AMS1-0501200FU I/P: 100-240V~ 50/60Hz 0.2A/15VA O/P: 5V ⎓ 1.2A Cable Out: Non-Shielded, 1.5m

ANT-TX / Rx & Bandwidth

ANT-TX / Rx	TX		Rx	
Mode/ Channel Bandwidth	20MHz	40MHz	20MHz	40MHz
IEEE802.11b	✓		✓	
IEEE802.11g	✓			
IEEE802.11n	✓	✓	✓	✓

IEEE802.11n Spec.

MCS Index	Modulation	R	N_{BPSCS}	N_{CBPS}		N_{DBPS}		Data Rate(Mb/s)			
				20MHz	40MHz	20MHz	40MHz	800ns GI		400ns GI (Note1)	
								20MHz	40MHz	20MHz	40MHz
0	BPSK	1/2	1	52	108	26	54	6.5	13.5	7.2	15.0
1	QPSK	1/2	2	104	216	52	108	13.0	27.0	14.4	30.0
2	QPSK	3/4	2	104	216	78	162	19.5	40.5	21.7	45.0
3	16-QAM	1/2	4	208	432	104	216	26.0	54.0	28.9	60.0
4	16-QAM	3/4	4	208	432	156	324	39.0	81.0	43.3	90.0
5	64-QAM	2/3	6	312	648	208	432	52.0	108.0	57.8	120.0
6	64-QAM	3/4	6	312	648	234	486	58.5	121.5	65.0	135.0
7	64-QAM	5/6	6	312	648	260	540	65.0	135.0	72.2	150.0
Note 1: Support of 400ns GI is optional on transmit and receive.											

Table 1 – MCS parameters for TX Antenna number = 1

MCS Index	Modulation	R	N_{BPSCS}	N_{CBPS}		N_{DBPS}		Data Rate(Mb/s)			
				20MHz	40MHz	20MHz	40MHz	800ns GI		400ns GI (Note1)	
								20MHz	40MHz	20MHz	40MHz
8	BPSK	1/2	1	104	216	52	108	13.0	27.0	14.4	30.0
9	QPSK	1/2	2	208	432	104	216	26.0	54.0	28.9	60.0
10	QPSK	3/4	2	208	432	156	324	39.0	81.0	43.3	90.0
11	16-QAM	1/2	4	416	864	208	432	52.0	108.0	57.8	120.0
12	16-QAM	3/4	4	416	864	312	648	78.0	162.0	86.7	180.0
13	64-QAM	2/3	6	624	1296	416	864	104.0	216.0	115.6	240.0
14	64-QAM	3/4	6	624	1296	468	972	117.0	243.0	130.0	270.0
15	64-QAM	5/6	6	624	1296	520	1080	130.0	270.0	144.4	300.0
Note 1: Support of 400ns GI is optional on transmit and receive.											

Table 2 – MCS parameters for TX Antenna number = 2

Symbol	Explanation
R	Code rate
N_{BPSC}	Number of coded bits per single carrier
N_{CBPS}	Number of coded bits per symbol
N_{DBPS}	Number of data bits per symbol
GI	guard interval

IEEE 802.11b/g & IEEE 802.11n (20MHz)

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
001	2412 MHz	002	2417 MHz	003	2422 MHz	004	2427 MHz
005	2432 MHz	006	2437 MHz	007	2442 MHz	008	2447 MHz
009	2452 MHz	010	2457 MHz	011	2462 MHz		

IEEE 802.11n (40MHz)

Working Frequency of Each Channel							
Channel	Frequency	Channel	Frequency	Channel	Frequency	Channel	Frequency
003	2422 MHz	004	2427 MHz	005	2432 MHz	006	2437 MHz
007	2442 MHz	008	2447 MHz	009	2452 MHz		

Note:

1. This device is a Wireless N Home Network Camera including 2.4GHz b/g and 11n (1x1) transmitting and receiving function.
2. This device would be applied the class II change for adding another antenna which has same antenna gain.
3. For the class II change, this device was be verified the following items: Peak Power Output, Radiated Emission, Band Edge.
4. The variation of model number DCS-930 and DCS-930L H/W is the same, only for different market.
5. These test results on a sample of the device are for the purpose of demonstrating Compliance with Part 15 Subpart C Paragraph 15.247.
6. Regards to the frequency band operation; the lowest、middle and highest frequency of channel were selected to perform the test, and then shown on this report.
7. This device is a composite device in accordance with Part 15 regulations. The receiving function receiving was tested and its test report number is 11A032R-RFUSP37V02 under Declaration of Conformity.

1.3. Test Mode

QuieTek has verified the construction and function in typical operation. The preliminary tests were performed in different data rate, and to find the worst condition, which was shown in this test report. The following table is the final test mode.

TX	Mode 1: Transmit

Test Items	Mode	Channel	Result
Conducted Emission	b/g/11n(20M)/11n (40MHz)	6	Complies
Peak Power Output	b/g	1 /6/ 11	Complies
	11n-MSC0 (20MHz)	1 /6/ 11	Complies
	11n-MSC0 (40MHz)	3 /6/ 9	Complies
Radiated Emission (Under 1GHz)	b/g	6	Complies
	11n-MSC0 (20MHz)	6	Complies
	11n-MSC0 (40MHz)	6	Complies
Radiated Emission (Above 1GHz)	b/g	1 /6/ 11	Complies
	11n-MSC0 (20MHz)	1 /6/ 11	Complies
	11n-MSC0 (40MHz)	3 /6/ 9	Complies
RF antenna conducted test	b/g	1 /11	Complie
	11n-MSC0 (20MHz)	1 /11	Complies
	11n-MSC0 (40MHz)	3 /9	Complies
Radiated Emission Band Edge	b/g	1 /11	Complies
	11n-MSC0 (20MHz)	1 /11	Complies
	11n-MSC0 (40MHz)	3 /9	Complies
Occupied Bandwidth	b/g	1 /6/ 11	Complies
	11n-MSC0 (20MHz)	1 /6/ 11	Complies
	11n-MSC0 (40MHz)	3 /6/ 9	Complies
Power Density	b/g	1 /6/ 11	Complies
	11n-MSC0 (20MHz)	1 /6/ 11	Complies
	11n-MSC0 (40MHz)	3 /6/ 9	Complies

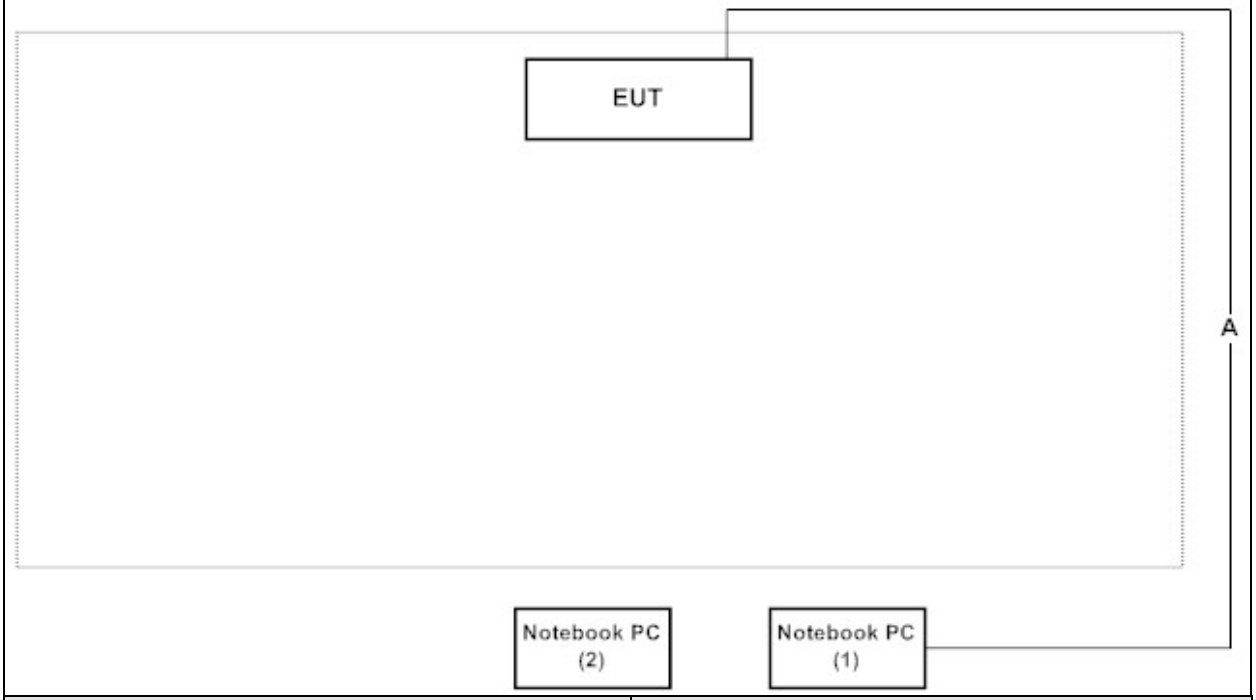
1.4. Tested System Details

The types for all equipments, plus descriptions of all cables used in the tested system (including inserted cards) are:

Product		Manufacturer	Model No.	Serial No.	FCC ID	Power Cord
1	Notebook PC	DELL	LATITUDE D400	GK43D1S	DoC	Non-Shielded, 1.7m, one ferrite core bonded
2	Notebook PC	DELL	LATITUDE D400	HK43D1S	DoC	Non-Shielded, 1.7m, one ferrite core bonded

1.5. Configuration of tested System

Connection Diagram



	Signal Cable Type	Signal cable Description
A	LAN Cable	Non-Shielded, 10m

1.6. EUT Exercise Software

1	Setup the EUT as shown in Section 1.5.
2	Execute the RT3052 V1.0.0.1 on the EUT.
3	Configure the test mode, the test channel, and the data rate.
4	Press “Start TX” to start the continuous transmitting.
5	Verify that the EUT works properly.

1.7. Test Facility

Ambient conditions in the laboratory:

Items	Test Item	Required (IEC 68-1)	Actual
Temperature (°C)	FCC PART 15 C 15.207 Conducted Emission	15 - 35	20
Humidity (%RH)		25 - 75	50
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Peak Power Output (DSSS)	15 - 35	25
Humidity (%RH)		25 - 75	48
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Radiated Emission (DSSS)	15 - 35	25
Humidity (%RH)		25 - 75	65
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 RF antenna conducted test (DSSS)	15 - 35	24
Humidity (%RH)		25 - 75	49
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Band Edge (DSSS)	15 - 35	25
Humidity (%RH)		25 - 75	48
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Occupied Bandwidth (DSSS)	15 - 35	25
Humidity (%RH)		25 - 75	48
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.247 Power Density (DSSS)	15 - 35	25
Humidity (%RH)		25 - 75	48
Barometric pressure (mbar)		860 - 1060	950-1000

Site Description: September 27, 2010 File on
Federal Communications Commission
Laboratory Division
7435 Oakland Mills Road
Columbia, MD 21046
Registration Number: 365520

Accredited by TAF
Accreditation Number: 1313
Effective through: December 27, 2013

Testing Laboratory
1313

Site Name: Quietek Corporation

Site Address: No. 75-2, 3rd Lin, Wangye Keng, Yonghxing
Tsuen, Qionglin Shiang, Hsinchu County 307, Taiwan
TEL : 886-3-5928858 / FAX : 886-3-5928859
E-Mail : service@quietek.com

2. Peak Power Output

2.1. Test Equipment

The following test equipments are used during the test:

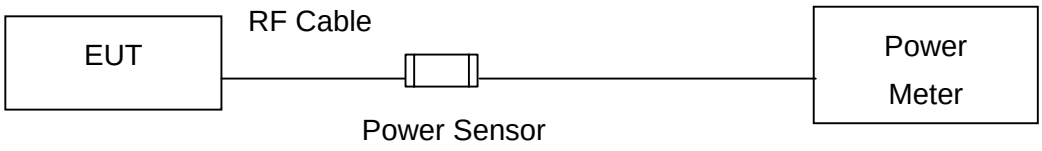
Peak Power Output / SR7

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Power Meter	Agilent	N1911A	MY45101353	2012/01/04
Power Sensor	Agilent	N1921A	MY45241670	2012/01/04

Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

2.2. Test Setup

IEEE 802.11 b / g / n (20M / 40M) MODE



2.3. Test procedures

The EUT was tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

2.4. Limits

The maximum peak power shall be less 1 Watt.

2.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2010

2.6. Uncertainty

The measurement uncertainty is defined as ± 1.27 dB.

2.7. Test Result

Product	Wireless N Home Network Camera		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2011/09/30	Test Site	SR7

IEEE 802.11b				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	18.07	1Watt= 30 dBm	Pass
6	2437	18.12	1Watt= 30 dBm	Pass
11	2462	18.16	1Watt= 30 dBm	Pass

The worst emission of data rate is 1 Mbps

Peak Power Output Value (dBm)						
Channel No.	Frequency (MHz)	Data Rate				Required Limit
		1	2	5.5	11	
1	2412.00	18.07	--	--	-	1Watt= 30 dBm
6	2437.00	18.12	18.07	18.02	17.95	1Watt= 30 dBm
11	2462.00	18.16	--	--	-	1Watt= 30 dBm

Note: Measure Level =Reading value + cable loss

Product	Wireless N Home Network Camera		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2011/09/30	Test Site	SR7

IEEE 802.11g				
Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	20.48	1Watt= 30 dBm	Pass
6	2437	20.05	1Watt= 30 dBm	Pass
11	2462	20.21	1Watt= 30 dBm	Pass

The worst emission of data rate is 6 Mbps

Peak Power Output Value(dBm)									
Channel No.	Frequency (MHz)	Data Rate (Mbps)							Required Limit
		6	12	18	24	36	48	54	
1	2412.00	20.48	--	--	--	--	--	--	1Watt= 30 dBm
6	2437.00	20.05	20.01	19.96	19.88	19.84	19.78	19.71	1Watt= 30 dBm
11	2462.00	20.21	--	--	--	--	--	--	1Watt= 30 dBm

Note: Measure Level =Reading value + cable loss

Product	Wireless N Home Network Camera		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2011/09/30	Test Site	SR7

IEEE 802.11n 20MHz_Tx

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
1	2412	18.76	1Watt= 30 dBm	Pass
6	2437	18.41	1Watt= 30 dBm	Pass
11	2462	18.01	1Watt= 30 dBm	Pass

The worst emission of data rate is 6.5 Mbps.

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		6.5	13	19.5	26	39	52	58.8	65	
1	2412	18.76	--	--	--	--	--	--	--	30dBm
6	2437	18.41	18.34	18.30	18.26	18.21	18.15	18.12	18.07	30dBm
11	2462	18.01	--	--	--	--	--	--	--	30dBm

Product	Wireless N Home Network Camera		
Test Item	Peak Power Output		
Test Mode	Transmit		
Date of Test	2011/09/30	Test Site	SR7

IEEE802.11n 40MHz_Tx

Channel No.	Frequency (MHz)	Measure Level (dBm)	Limit (dBm)	Result
3	2422	19.28	1Watt= 30 dBm	Pass
6	2437	19.72	1Watt= 30 dBm	Pass
9	2452	19.35	1Watt= 30 dBm	Pass

The worst emission of data rate is 13.5Mbps

Peak Power Output (dBm)										
MCS Index		0	1	2	3	4	5	6	7	Required Limit
Channel No	Frequency (MHz)	Data Rate								
		13.5	27	40.5	54	81	108	121.5	135	
3	2422	19.28	--	--	-	--	--	-	--	30dBm
6	2437	19.72	19.67	19.62	19.57	19.51	19.46	19.39	19.34	30dBm
9	2452	19.35	--	--	-	--	--	-	--	30dBm

3. Radiated Emission

3.1. Test Equipment

The following test equipments are used during the test:

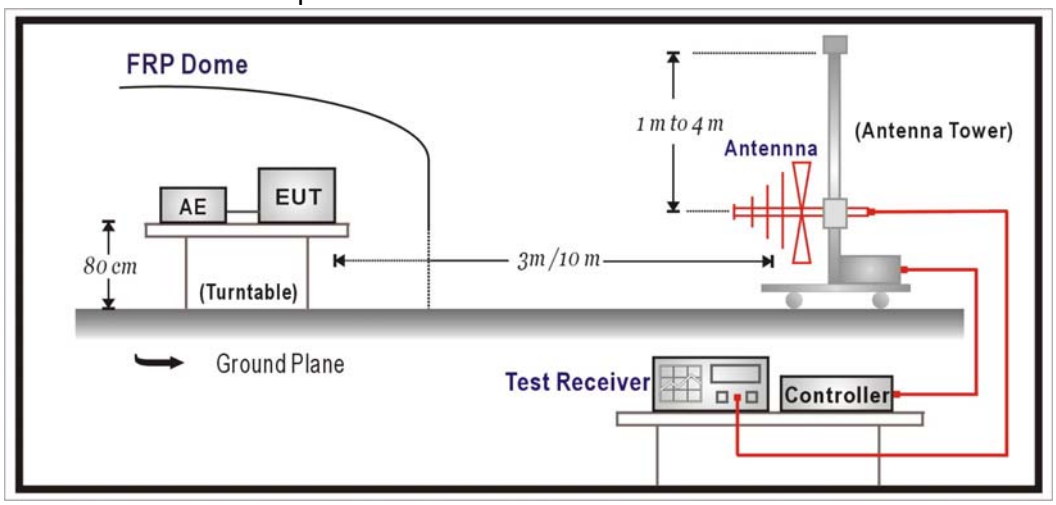
Radiated Emission / CB1

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Bilog Antenna	SCHAFFNER	CBL6112B	2895	2012/08/14
Double Ridged Guide Horn Antenna	Schwarzback	BBHA 9120D	743	2012/02/24
Pre-Amplifier	MITEQ	AMF-4D-005180-24-10P	888003	2011/12/16
Pre-Amplifier	QuieTek	AP-025C	CHM-0706049	2012/03/10
PSA Series Spectrum analyzer	Agilent	E4440A	MY46187335	2012/01/06
Coaxial Cable	Huber+Suhner AG	Sucoflex 102	25623/2	2012/03/21

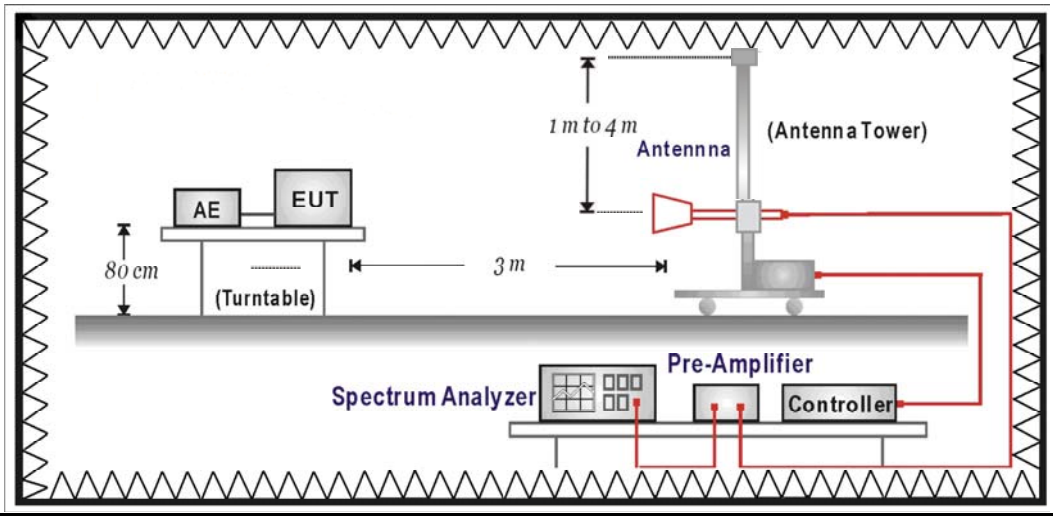
Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

3.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



3.3. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

FCC Part 15 Subpart C Paragraph 15.209 Limits		
Frequency MHz	dBuV/m	dBuV/m
30-88	100	40
88-216	150	43.5
216-960	200	46
Above 960	500	54

Remarks: E field strength (dBuV/m) = 20 log E field strength (uV/m)

3.4. Test Procedure

The EUT was setup according to ANSI C63.4: 2009 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4: 2009 on radiated measurement.
On any frequency or frequencies below or equal to 1000 MHz, the limits shown are based on measuring equipment employing a quasi-peak detector function and on any frequency or frequencies above 1000 MHz the radiated limits shown are based upon the use of measurement instrumentation employing an average detector function. When average radiated emission measurement are included emission measurement below 1000 MHz, there also is a limit on the radio frequency emissions, as measured using instrumentation with a peak detector function, corresponding to 20 dB above the maximum permitted average limit. The bandwidth below 1GHz setting on the field strength meter is 120 kHz and above 1GHz is 1MHz.

3.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2010

3.6. Uncertainty

The measurement uncertainty

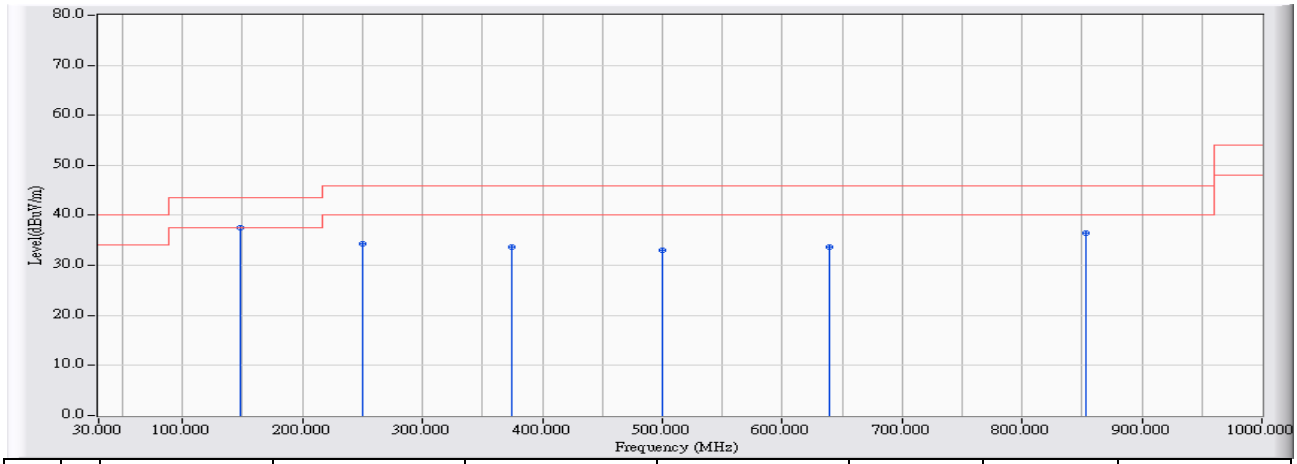
30MHz～1GHz as ±3.43dB

1GHz～26.5Ghz as ±3.65dB

3.7. Test Result

30MHz-1GHz Spurious

Site : CB1	**Time : 2011/09/30 - 17:38**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_EFS_30-1G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2437MHz-802.11b**

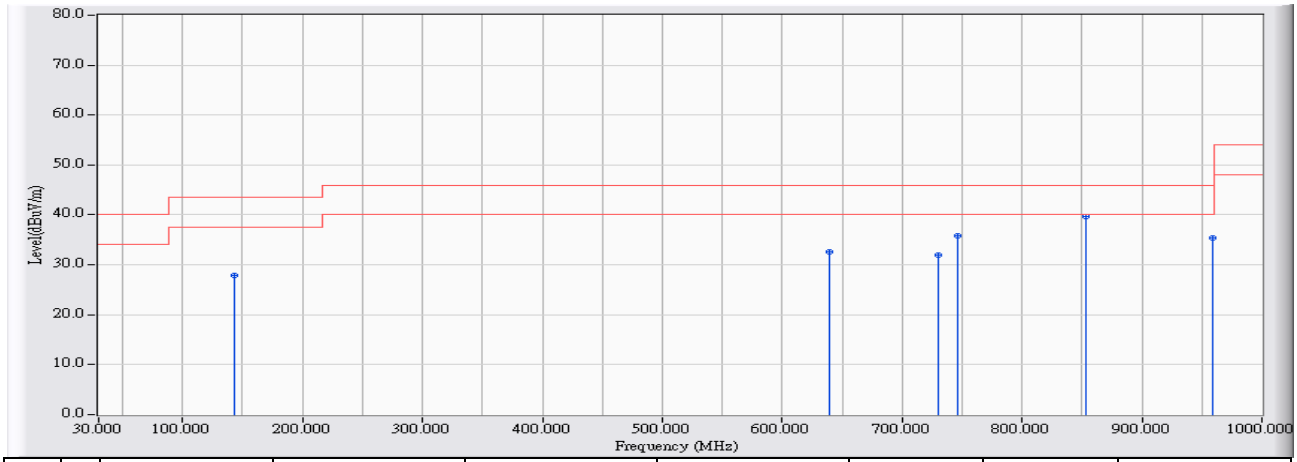


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	148.017	-13.349	50.878	37.529	-5.971	43.500	QUASIPEAK
2		249.867	-11.083	45.422	34.339	-11.661	46.000	QUASIPEAK
3		374.350	-8.111	41.691	33.580	-12.420	46.000	QUASIPEAK
4		500.450	-5.372	38.477	33.106	-12.894	46.000	QUASIPEAK
5		639.483	-4.135	37.701	33.566	-12.434	46.000	QUASIPEAK
6		852.883	-2.306	38.695	36.389	-9.611	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2011/09/30 - 17:39**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_EFS_30-1G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2437MHz-802.11b**

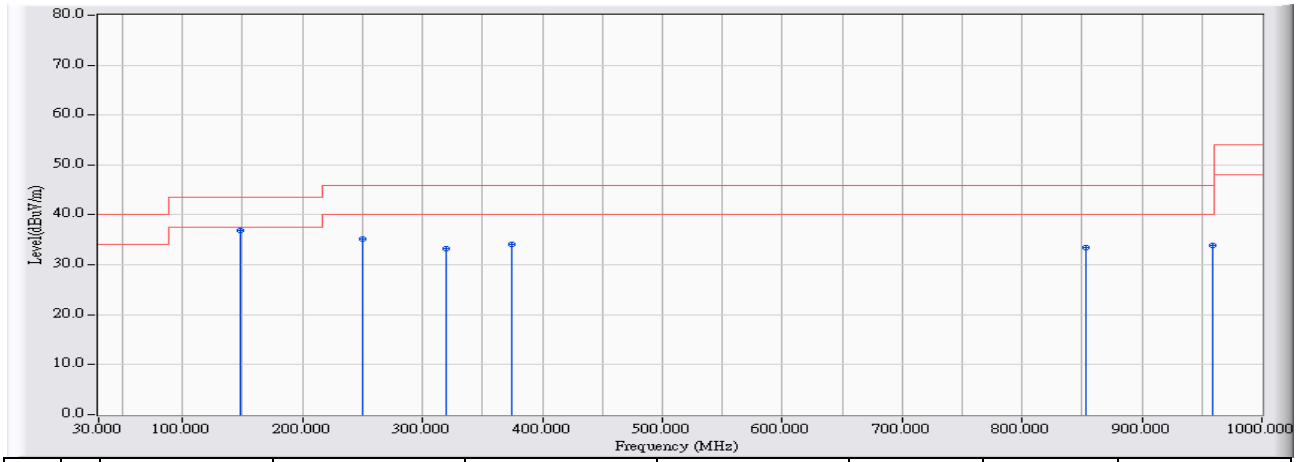


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		143.167	-13.105	41.001	27.896	-15.604	43.500	QUASIPEAK
2		639.483	-4.135	36.639	32.504	-13.496	46.000	QUASIPEAK
3		730.017	-3.548	35.535	31.987	-14.013	46.000	QUASIPEAK
4		746.183	-3.339	39.113	35.775	-10.225	46.000	QUASIPEAK
5	*	852.883	-2.306	42.090	39.784	-6.216	46.000	QUASIPEAK
6		959.583	-1.348	36.672	35.324	-10.676	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2011/09/30 - 17:39**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_EFS_30-1G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2437MHz-802.11g**

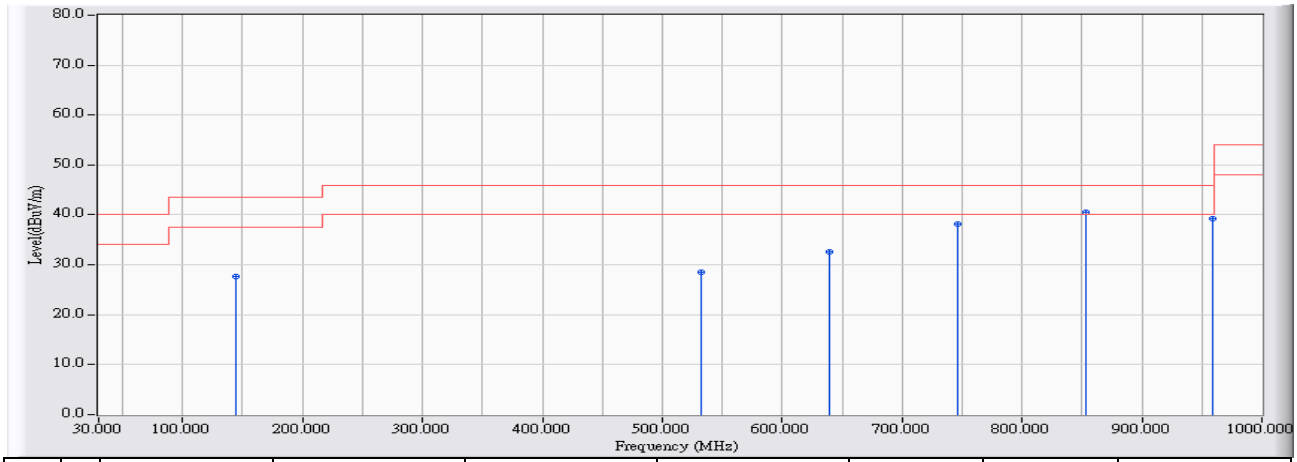


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	148.017	-13.349	50.163	36.814	-6.686	43.500	QUASIPEAK
2		249.867	-11.083	46.231	35.148	-10.852	46.000	QUASIPEAK
3		319.383	-9.707	42.980	33.273	-12.727	46.000	QUASIPEAK
4		374.350	-8.111	42.295	34.184	-11.816	46.000	QUASIPEAK
5		852.883	-2.306	35.836	33.530	-12.470	46.000	QUASIPEAK
6		959.583	-1.348	35.303	33.955	-12.045	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2011/09/30 - 17:40**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_EFS_30-1G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2437MHz-802.11g**

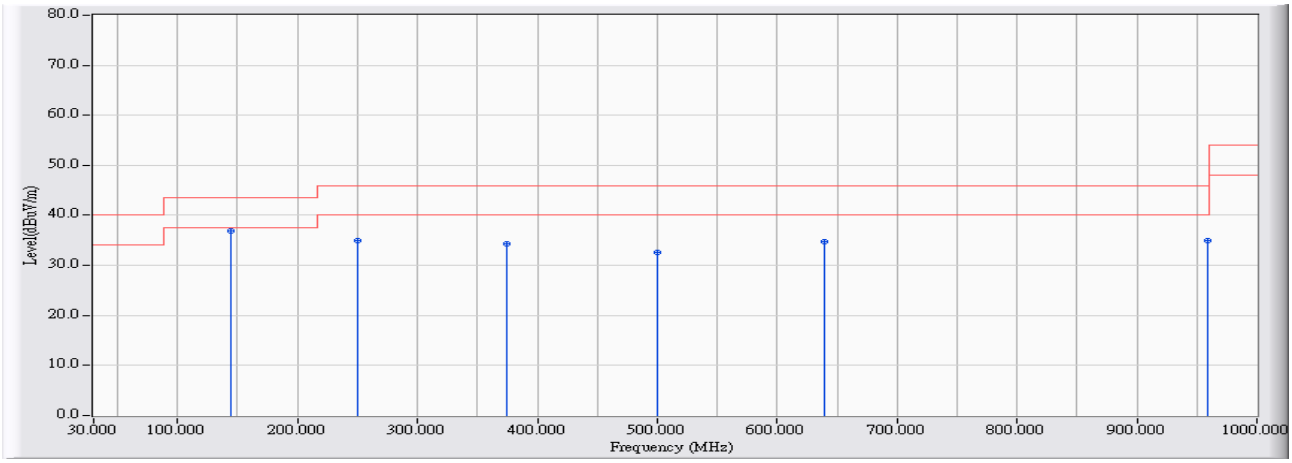


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		144.783	-13.186	40.876	27.690	-15.810	43.500	QUASIPEAK
2		532.783	-4.952	33.428	28.476	-17.524	46.000	QUASIPEAK
3		639.483	-4.135	36.824	32.689	-13.311	46.000	QUASIPEAK
4		746.183	-3.339	41.490	38.152	-7.848	46.000	QUASIPEAK
5	*	852.883	-2.306	42.872	40.566	-5.434	46.000	QUASIPEAK
6		959.583	-1.348	40.526	39.178	-6.822	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2011/09/30 - 17:40**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_EFS_30-1G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2437MHz-802.11n(20MHz)**

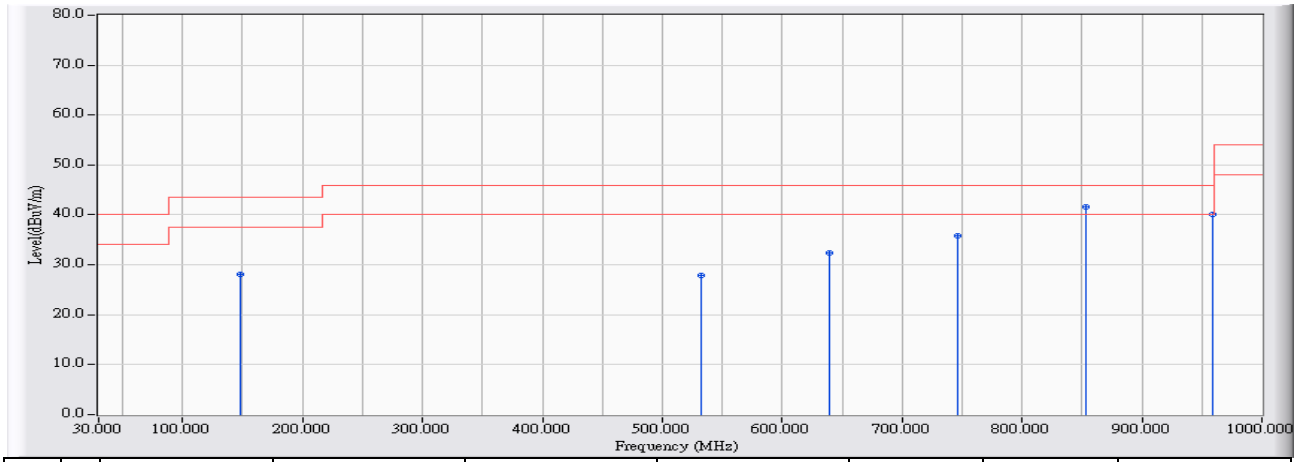


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	144.783	-13.186	50.022	36.836	-6.664	43.500	QUASIPEAK
2		249.867	-11.083	46.074	34.991	-11.009	46.000	QUASIPEAK
3		374.350	-8.111	42.436	34.325	-11.675	46.000	QUASIPEAK
4		500.450	-5.372	37.931	32.560	-13.440	46.000	QUASIPEAK
5		639.483	-4.135	38.914	34.779	-11.221	46.000	QUASIPEAK
6		959.583	-1.348	36.207	34.859	-11.141	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. “ * ”, means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2011/09/30 - 17:41**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_EFS_30-1G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2437MHz-802.11n(20MHz)**

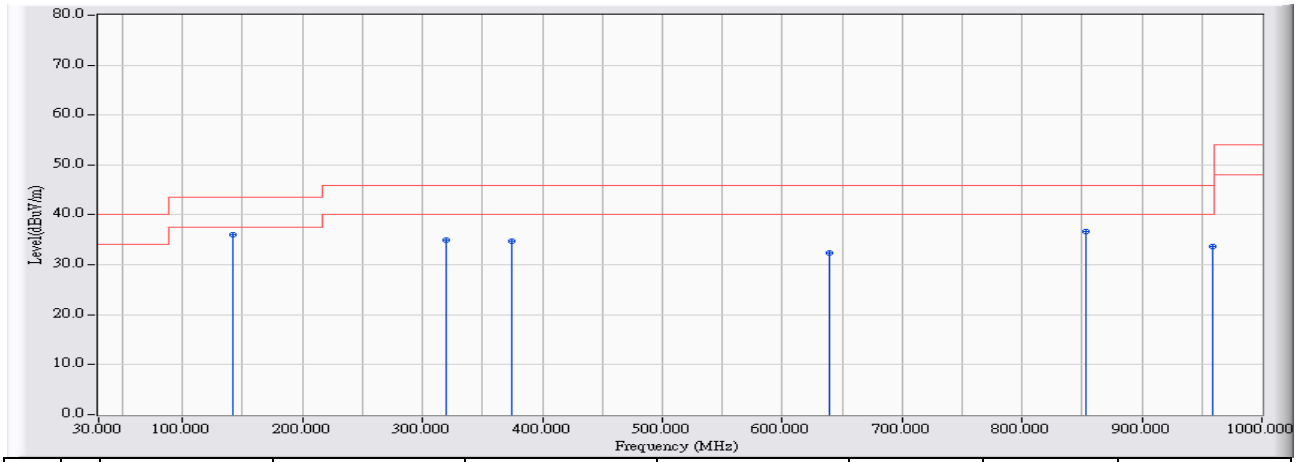


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		148.017	-13.349	41.404	28.055	-15.445	43.500	QUASIPEAK
2		532.783	-4.952	32.736	27.784	-18.216	46.000	QUASIPEAK
3		639.483	-4.135	36.499	32.364	-13.636	46.000	QUASIPEAK
4		746.183	-3.339	39.178	35.840	-10.160	46.000	QUASIPEAK
5	*	852.883	-2.306	43.958	41.652	-4.348	46.000	QUASIPEAK
6		959.583	-1.348	41.501	40.153	-5.847	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2011/09/30 - 17:42**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_EFS_30-1G-1_0901 - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2437MHz-802.11n(40MHz)**

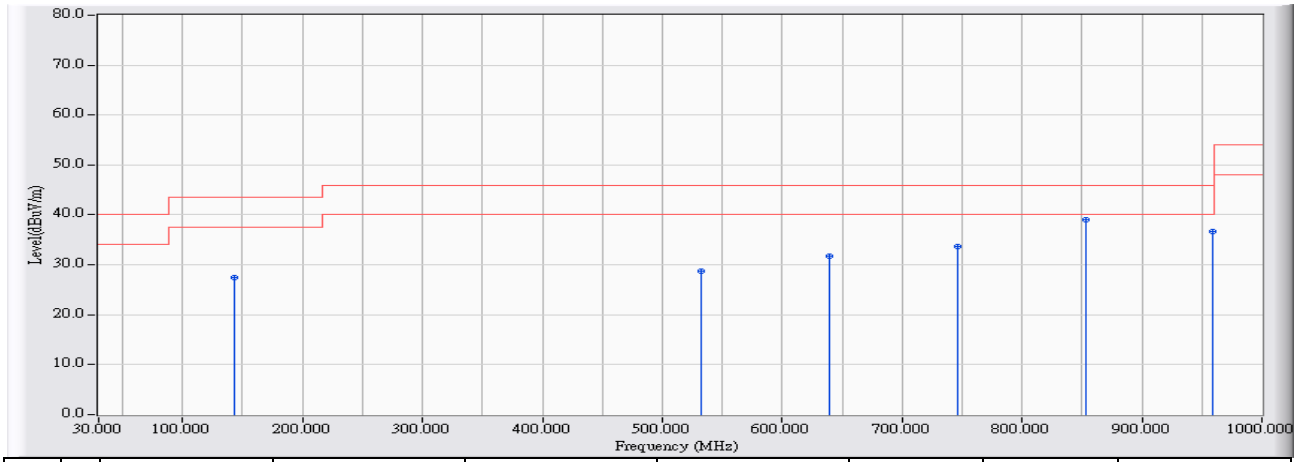


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	141.550	-13.023	49.070	36.046	-7.454	43.500	QUASIPEAK
2		319.383	-9.707	44.618	34.911	-11.089	46.000	QUASIPEAK
3		374.350	-8.111	42.817	34.706	-11.294	46.000	QUASIPEAK
4		639.483	-4.135	36.502	32.367	-13.633	46.000	QUASIPEAK
5		852.883	-2.306	39.038	36.732	-9.268	46.000	QUASIPEAK
6		959.583	-1.348	34.968	33.620	-12.380	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Site : CB1	**Time : 2011/09/30 - 17:42**
Limit : FCC_CLASS_B_03M_QP	**Margin : 6**
Probe : FCC_EFS_30-1G-1_0901 - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2437MHz-802.11n(40MHz)**



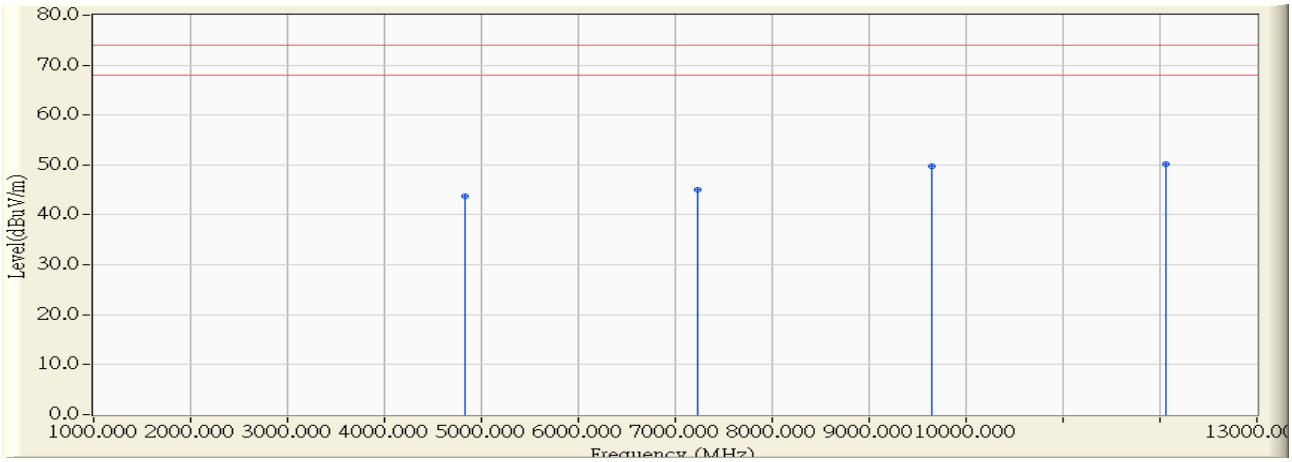
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		143.167	-13.105	40.461	27.356	-16.144	43.500	QUASIPEAK
2		532.783	-4.952	33.696	28.744	-17.256	46.000	QUASIPEAK
3		639.483	-4.135	35.968	31.833	-14.167	46.000	QUASIPEAK
4		746.183	-3.339	36.962	33.624	-12.376	46.000	QUASIPEAK
5	*	852.883	-2.306	41.395	39.089	-6.911	46.000	QUASIPEAK
6		959.583	-1.348	38.056	36.708	-9.292	46.000	QUASIPEAK

Note:

1. All Reading Levels are Quasi-Peak value.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor.

Harmonic & Spurious:

Site : CB1	**Time : 2011/09/07 - 19:34**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2412MHz _802.11b**

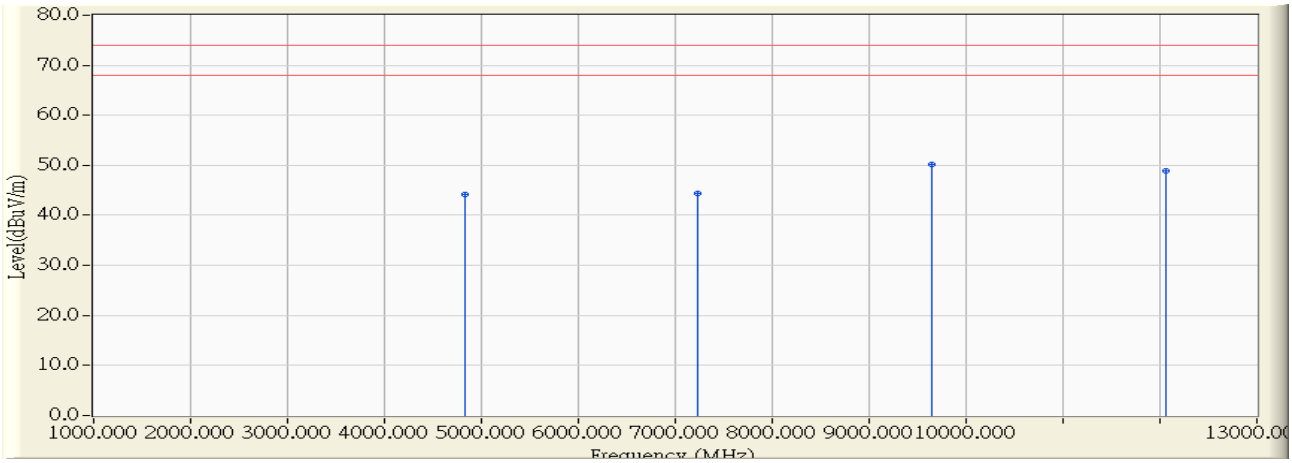


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4823.990	-1.438	45.220	43.782	-30.218	74.000	54.00	PEAK
2		7236.000	4.905	40.210	45.115	-28.885	74.000	54.00	PEAK
3		9647.730	8.561	41.240	49.801	-24.199	74.000	54.00	PEAK
4	*	12059.890	10.801	39.280	50.081	-23.919	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 19:45**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2412MHz _802.11b**

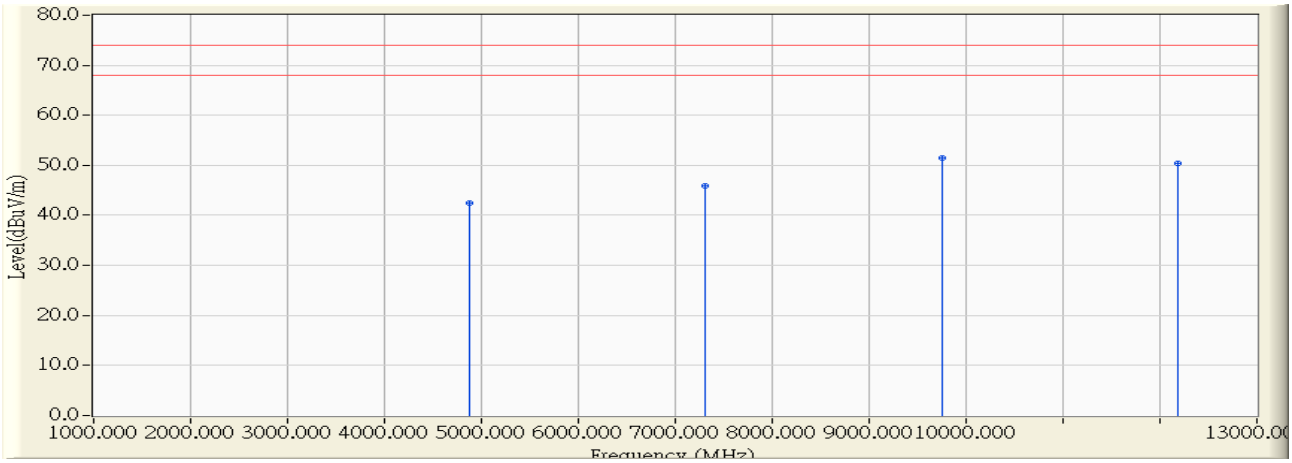


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4824.010	-1.438	45.540	44.102	-29.898	74.000	54.00	PEAK
2		7235.920	4.905	39.400	44.305	-29.695	74.000	54.00	PEAK
3	*	9647.980	8.563	41.610	50.173	-23.827	74.000	54.00	PEAK
4		12059.900	10.801	38.110	48.911	-25.089	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 19:56**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2437MHz _802.11b**

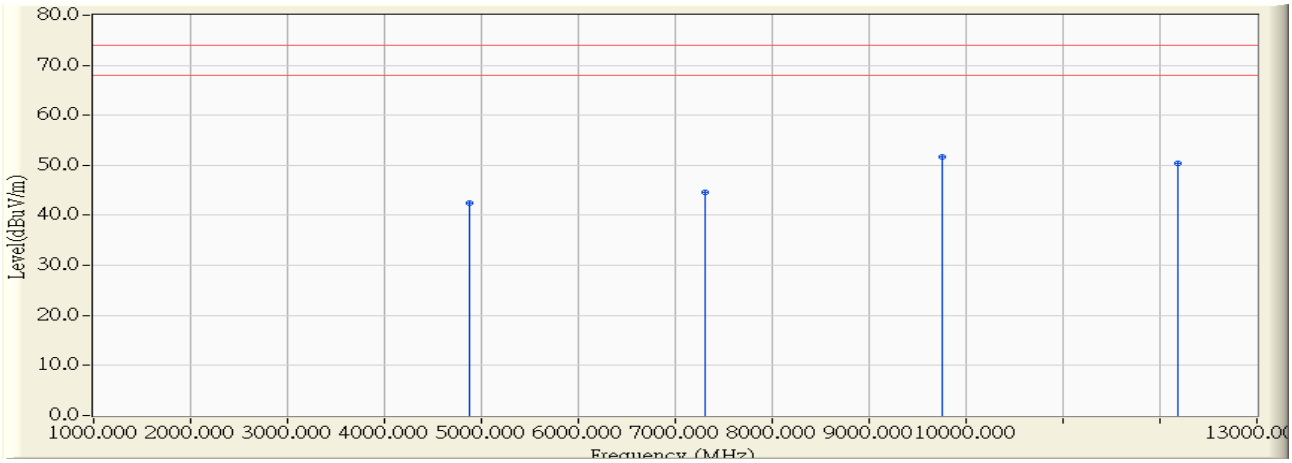


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4873.970	-1.320	43.700	42.380	-31.620	74.000	54.00	PEAK
2		7310.900	5.057	40.880	45.937	-28.063	74.000	54.00	PEAK
3	*	9747.480	9.245	42.310	51.555	-22.445	74.000	54.00	PEAK
4		12185.180	10.764	39.620	50.384	-23.616	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 20:02**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2437MHz _802.11b**

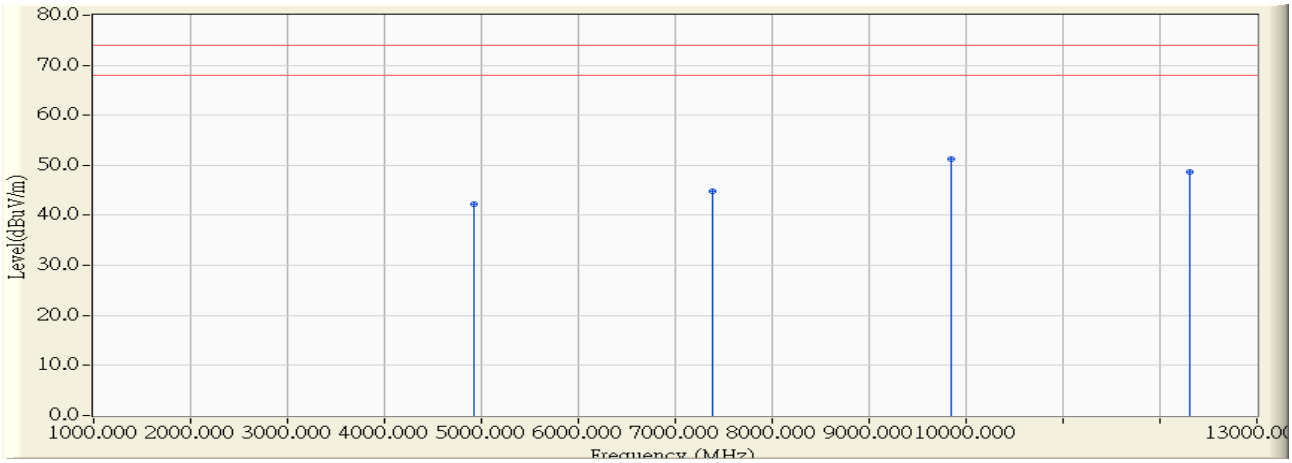


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4873.910	-1.320	43.810	42.490	-31.510	74.000	54.00	PEAK
2		7310.950	5.058	39.480	44.537	-29.463	74.000	54.00	PEAK
3	*	9747.900	9.247	42.400	51.648	-22.352	74.000	54.00	PEAK
4		12185.550	10.763	39.740	50.504	-23.496	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 20:15**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2462MHz _802.11b**

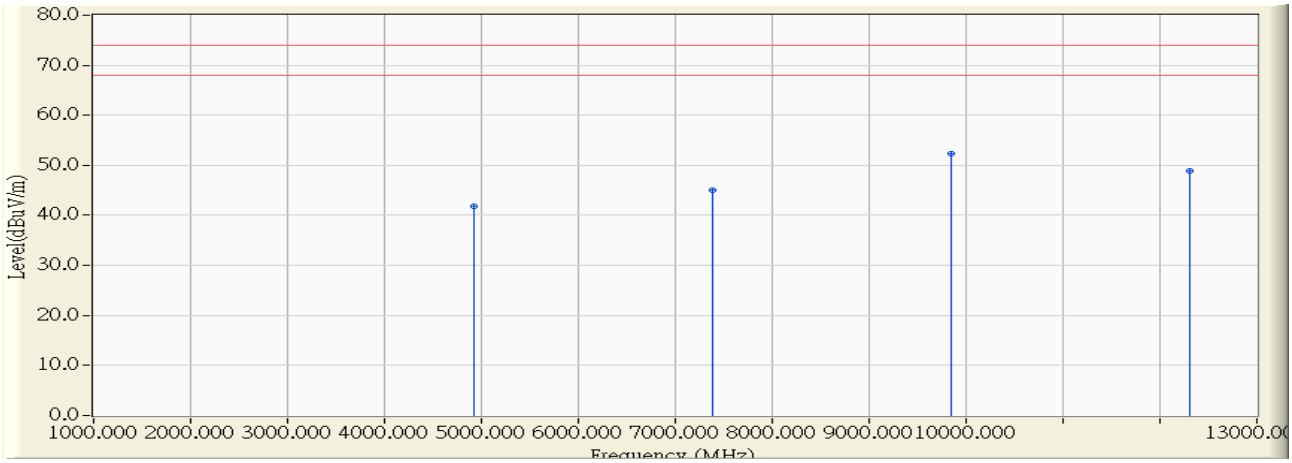


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4923.930	-1.202	43.530	42.328	-31.672	74.000	54.00	PEAK
2		7386.080	5.210	39.570	44.780	-29.220	74.000	54.00	PEAK
3	*	9847.850	9.933	41.360	51.293	-22.707	74.000	54.00	PEAK
4		12309.880	10.726	37.940	48.666	-25.334	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 20:22**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2462MHz _802.11b**

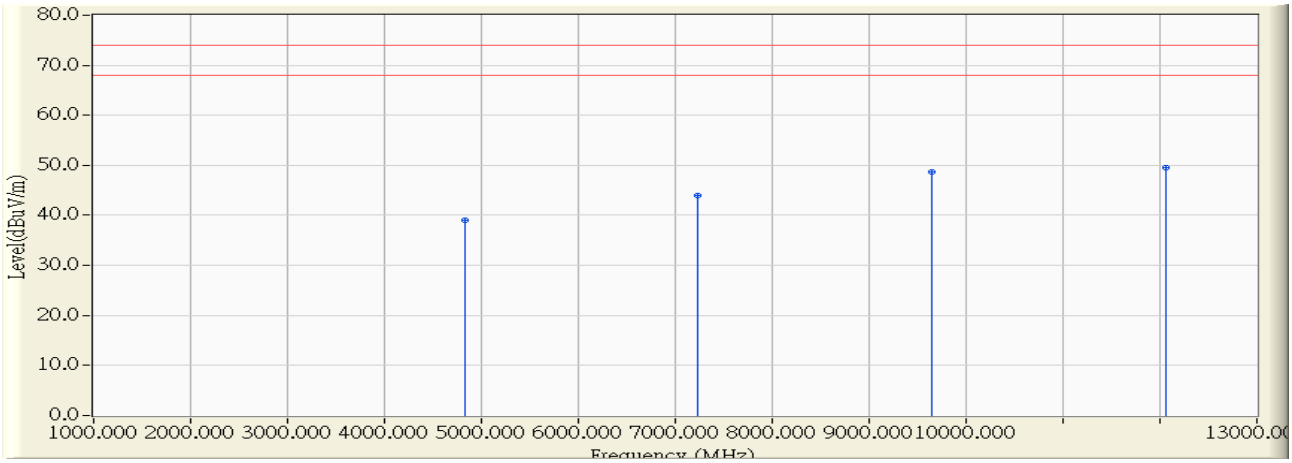


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4923.870	-1.202	43.120	41.918	-32.082	74.000	54.00	PEAK
2		7385.870	5.210	39.850	45.060	-28.940	74.000	54.00	PEAK
3	*	9847.930	9.934	42.450	52.383	-21.617	74.000	54.00	PEAK
4		12309.500	10.727	38.140	48.866	-25.134	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 20:32**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2412MHz _802.11g**

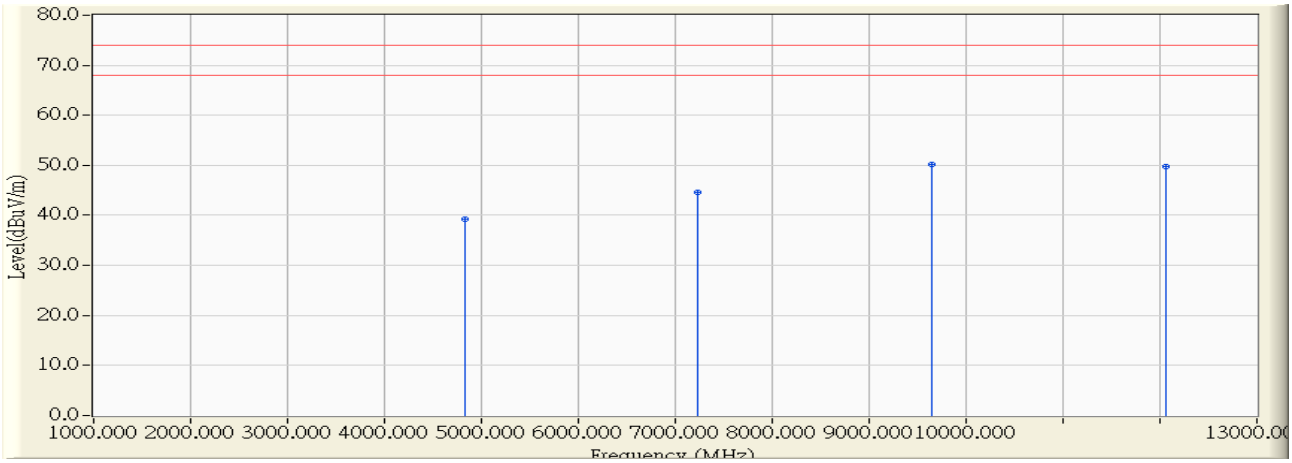


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4823.860	-1.438	40.510	39.072	-34.928	74.000	54.00	PEAK
2		7236.030	4.905	39.050	43.955	-30.045	74.000	54.00	PEAK
3		9647.970	8.563	40.030	48.593	-25.407	74.000	54.00	PEAK
4	*	12060.320	10.801	38.650	49.451	-24.549	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 20:40**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2412MHz _802.11g**

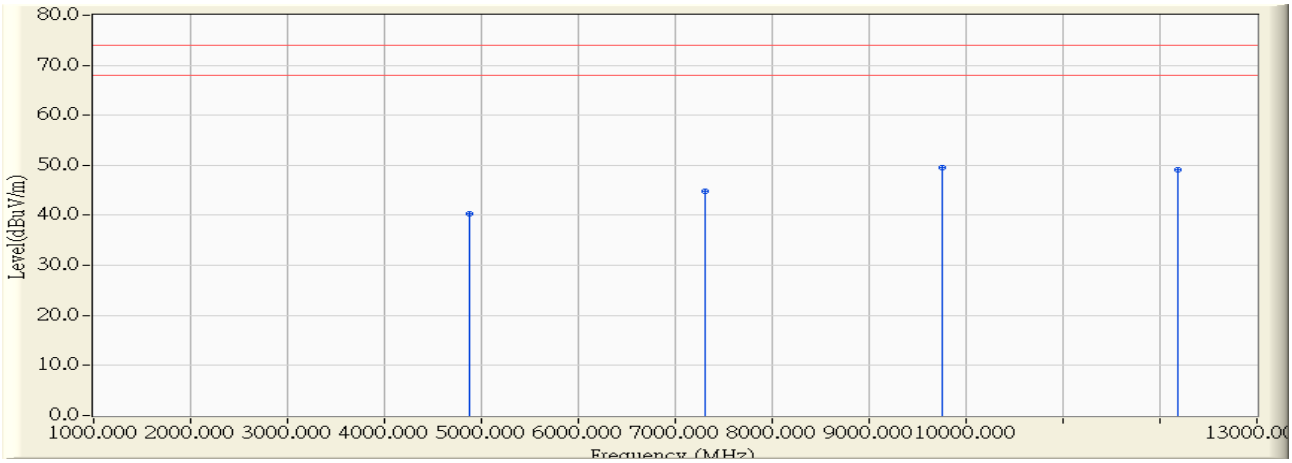


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4824.080	-1.438	40.790	39.353	-34.647	74.000	54.00	PEAK
2		7235.920	4.905	39.690	44.595	-29.405	74.000	54.00	PEAK
3	*	9648.000	8.563	41.610	50.173	-23.827	74.000	54.00	PEAK
4		12059.400	10.802	39.000	49.801	-24.199	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 20:50**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2437MHz _ 802.11g**

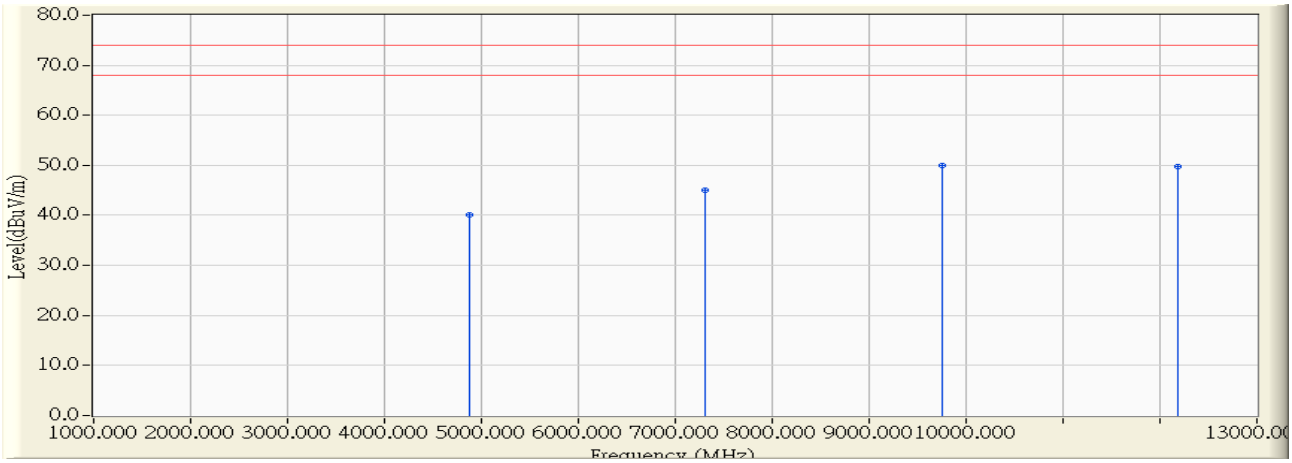


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4874.860	-1.317	41.550	40.232	-33.768	74.000	54.00	PEAK
2		7311.050	5.058	39.720	44.777	-29.223	74.000	54.00	PEAK
3	*	9748.000	9.248	40.300	49.549	-24.451	74.000	54.00	PEAK
4		12185.160	10.764	38.420	49.184	-24.816	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 21:09**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2437MHz _802.11g**

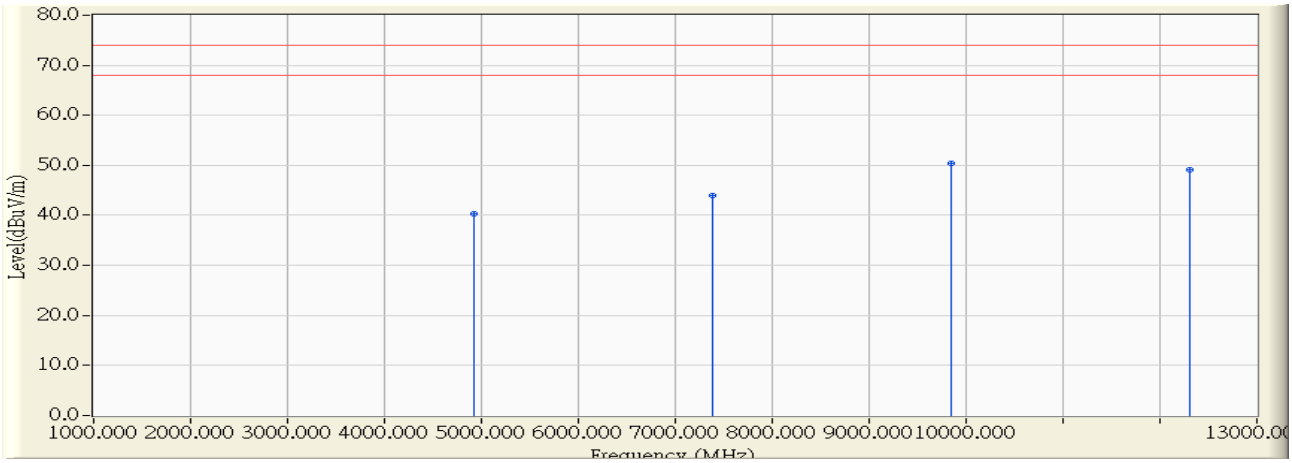


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4874.270	-1.319	41.480	40.161	-33.839	74.000	54.00	PEAK
2		7311.130	5.058	39.950	45.008	-28.992	74.000	54.00	PEAK
3	*	9747.980	9.248	40.820	50.068	-23.932	74.000	54.00	PEAK
4		12185.830	10.764	39.090	49.853	-24.147	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 21:18**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2462MHz _802.11g**

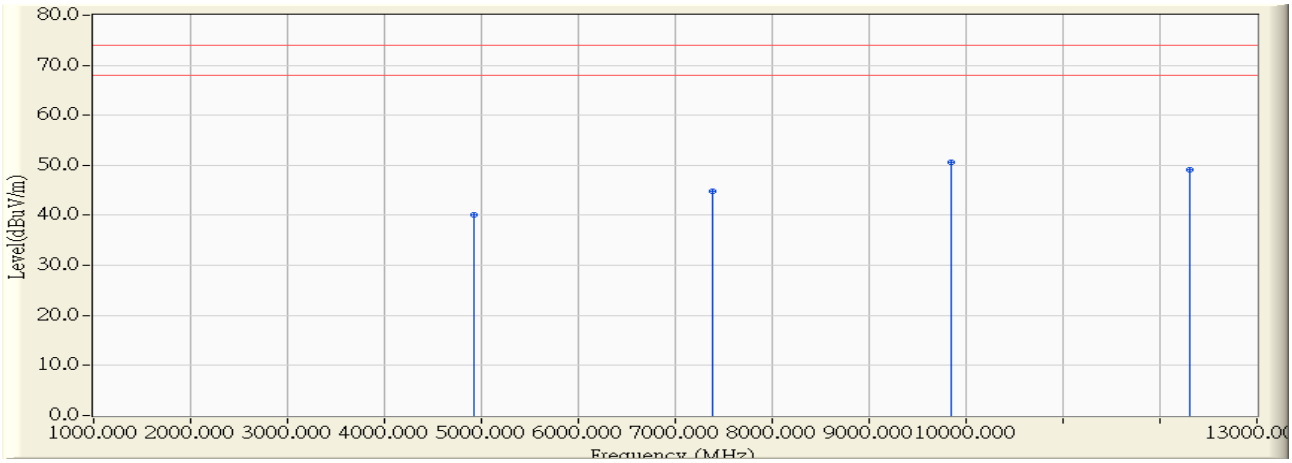


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4924.450	-1.201	41.420	40.219	-33.781	74.000	54.00	PEAK
2		7386.060	5.210	38.860	44.070	-29.930	74.000	54.00	PEAK
3	*	9848.770	9.940	40.380	50.319	-23.681	74.000	54.00	PEAK
4		12310.090	10.726	38.330	49.056	-24.944	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 21:21**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2462MHz _802.11g**

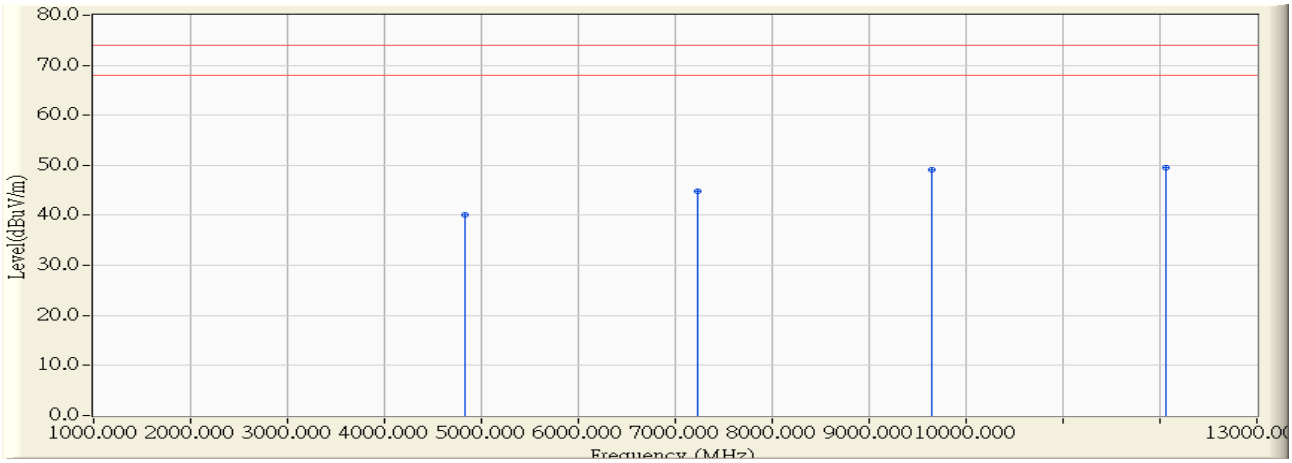


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4924.060	-1.202	41.340	40.138	-33.862	74.000	54.00	PEAK
2		7385.630	5.209	39.660	44.869	-29.131	74.000	54.00	PEAK
3	*	9848.180	9.935	40.590	50.525	-23.475	74.000	54.00	PEAK
4		12309.850	10.726	38.440	49.166	-24.834	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 21:31**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2412MHz _802.11n(20MHz)**

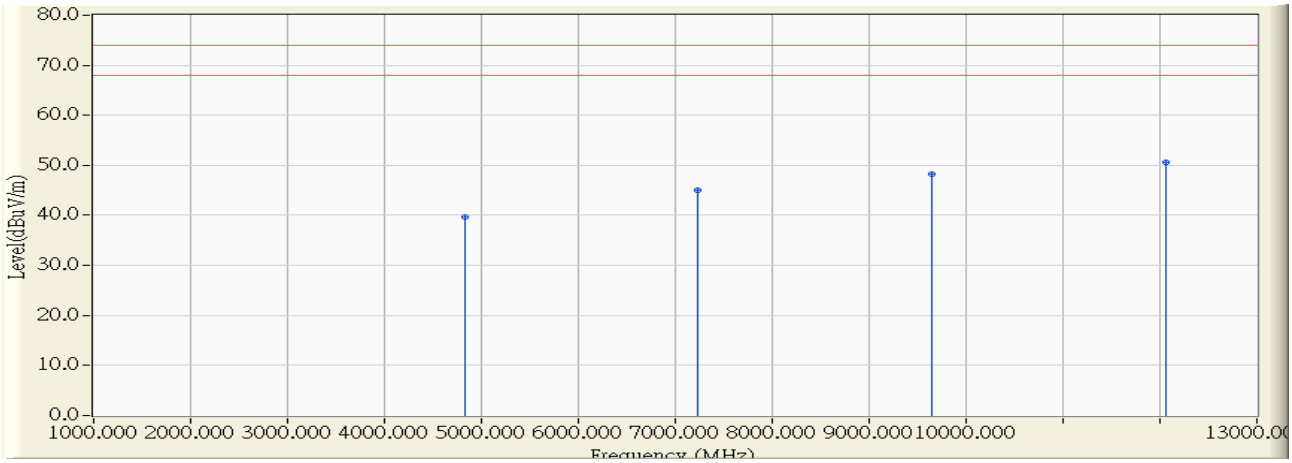


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4824.790	-1.435	41.600	40.164	-33.836	74.000	54.00	PEAK
2		7236.040	4.905	39.840	44.745	-29.255	74.000	54.00	PEAK
3		9649.430	8.574	40.550	49.123	-24.877	74.000	54.00	PEAK
4	*	12059.910	10.801	38.640	49.441	-24.559	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 21:35**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2412MHz _802.11n(20MHz)**

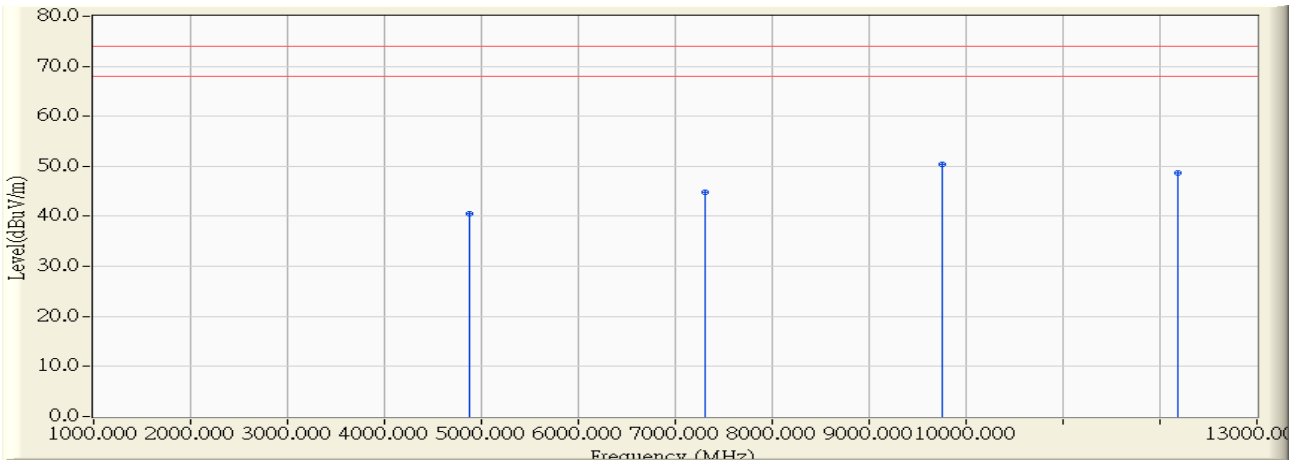


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4823.940	-1.438	41.140	39.702	-34.298	74.000	54.00	PEAK
2		7236.080	4.905	40.180	45.085	-28.915	74.000	54.00	PEAK
3		9647.980	8.563	39.730	48.293	-25.707	74.000	54.00	PEAK
4	*	12059.920	10.801	39.710	50.511	-23.489	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 21:39**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2437MHz _ 802.11n(20MHz)**

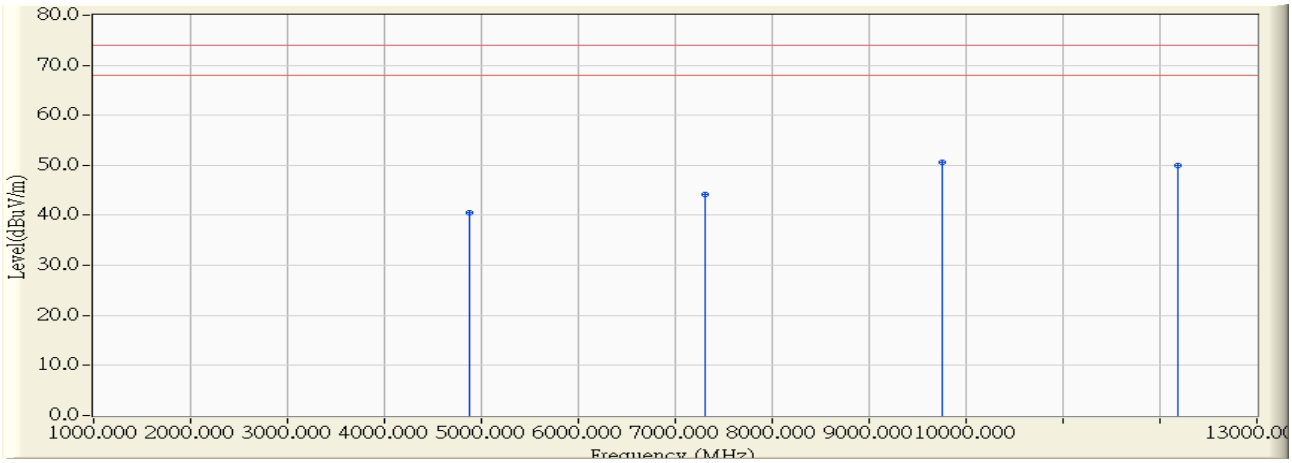


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4874.090	-1.320	41.930	40.610	-33.390	74.000	54.00	PEAK
2		7310.290	5.056	39.800	44.856	-29.144	74.000	54.00	PEAK
3	*	9747.430	9.245	41.210	50.455	-23.545	74.000	54.00	PEAK
4		12184.890	10.764	37.950	48.714	-25.286	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 21:41**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2437MHz _ 802.11n(20MHz)**

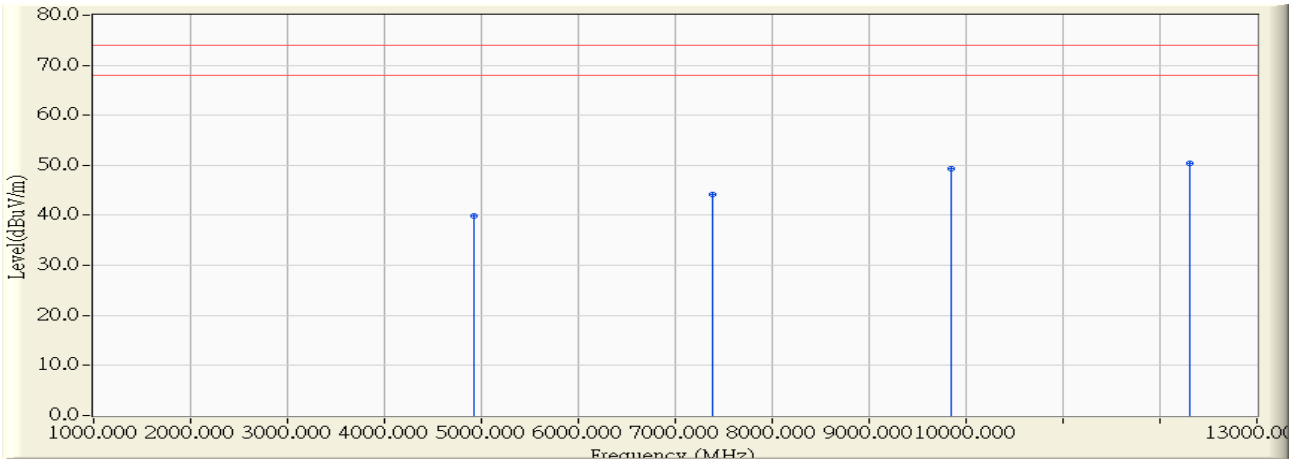


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4873.560	-1.321	41.760	40.439	-33.561	74.000	54.00	PEAK
2		7309.630	5.054	39.170	44.225	-29.775	74.000	54.00	PEAK
3	*	9747.160	9.243	41.270	50.513	-23.487	74.000	54.00	PEAK
4		12185.710	10.764	39.270	50.033	-23.967	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 21:48**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2462MHz _ 802.11n(20MHz)**

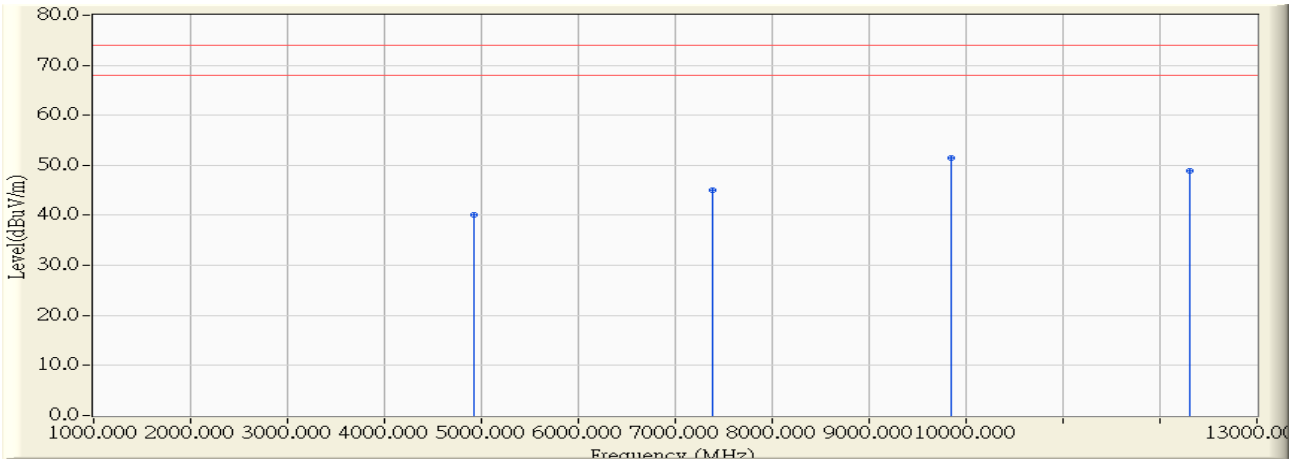


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4924.090	-1.202	41.200	39.998	-34.002	74.000	54.00	PEAK
2		7385.750	5.210	39.080	44.289	-29.711	74.000	54.00	PEAK
3		9848.200	9.935	39.380	49.315	-24.685	74.000	54.00	PEAK
4	*	12309.770	10.726	39.580	50.306	-23.694	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 22:00**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2462MHz _ 802.11n(20MHz)**

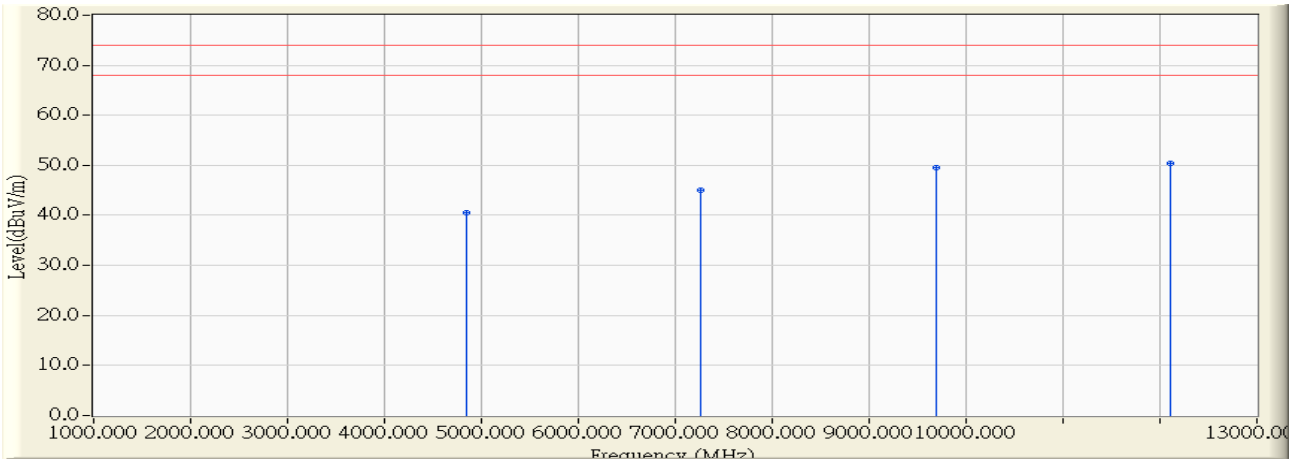


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4923.990	-1.202	41.280	40.078	-33.922	74.000	54.00	PEAK
2		7384.160	5.206	39.920	45.126	-28.874	74.000	54.00	PEAK
3	*	9849.520	9.944	41.440	51.384	-22.616	74.000	54.00	PEAK
4		12309.600	10.727	38.280	49.006	-24.994	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 22:10**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2422MHz _802.11n(40MHz)**

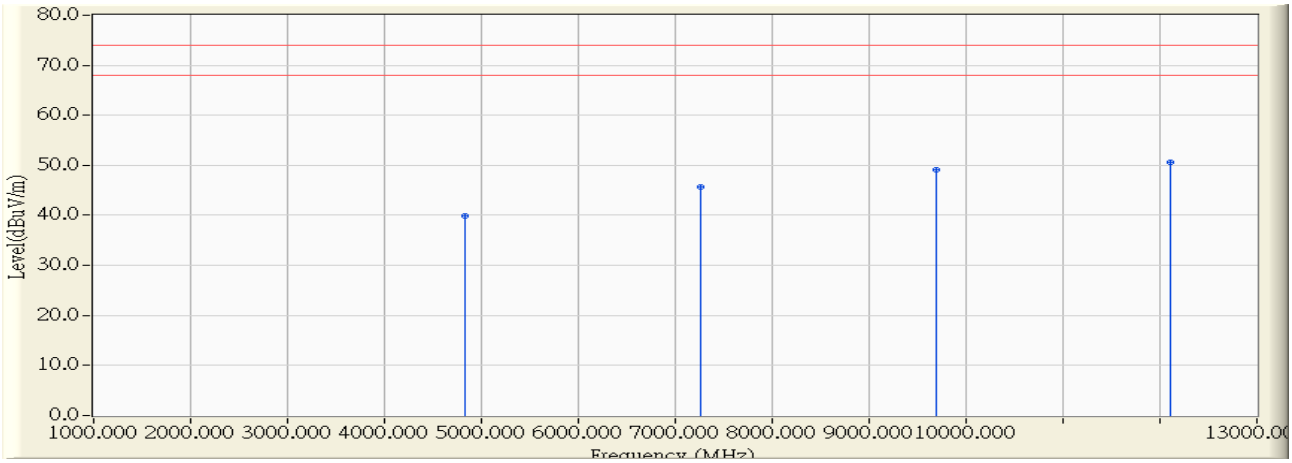


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4844.140	-1.390	41.910	40.520	-33.480	74.000	54.00	PEAK
2		7267.080	4.968	40.150	45.118	-28.882	74.000	54.00	PEAK
3		9688.050	8.837	40.650	49.488	-24.512	74.000	54.00	PEAK
4	*	12110.380	10.785	39.660	50.446	-23.554	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 22:18**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2422MHz _ 802.11n(40MHz)**

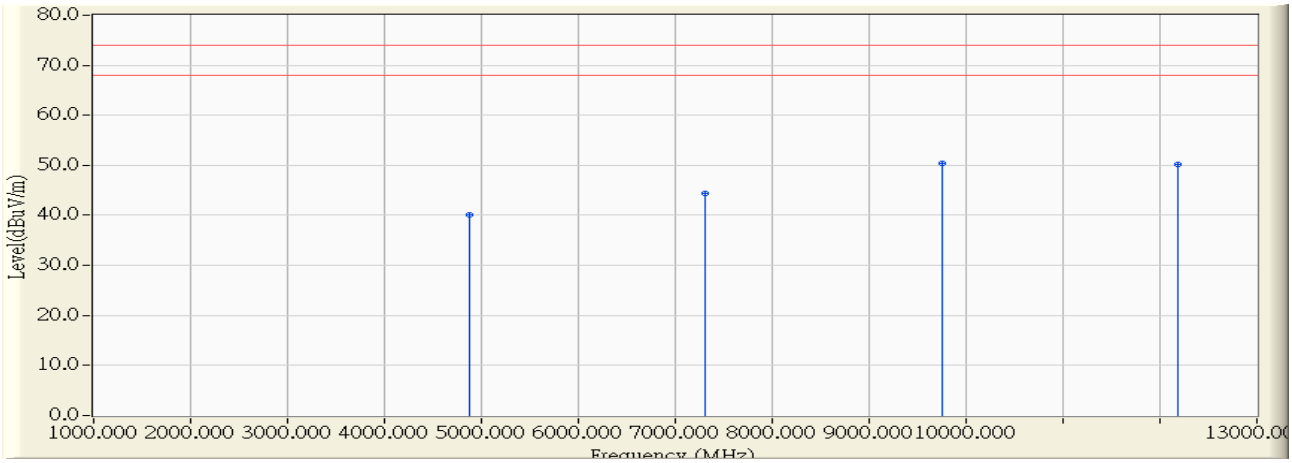


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4828.900	-1.426	41.360	39.934	-34.066	74.000	54.00	PEAK
2		7266.670	4.967	40.770	45.737	-28.263	74.000	54.00	PEAK
3		9688.130	8.838	40.330	49.168	-24.832	74.000	54.00	PEAK
4	*	12111.110	10.786	39.740	50.526	-23.474	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 22:57**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2437MHz _ 802.11n(40MHz)**

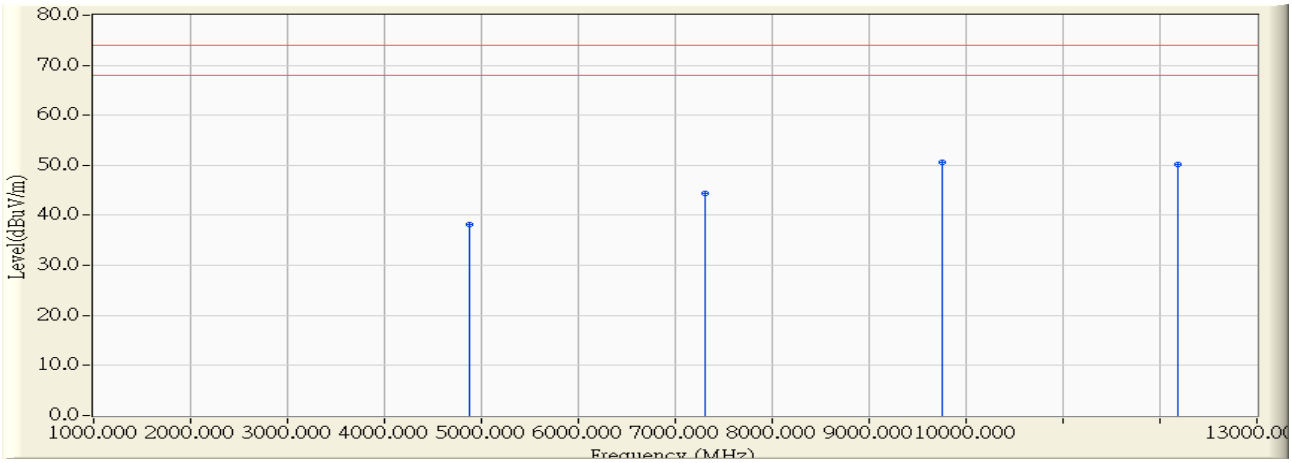


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4874.070	-1.320	41.510	40.190	-33.810	74.000	54.00	PEAK
2		7310.880	5.057	39.380	44.437	-29.563	74.000	54.00	PEAK
3	*	9747.830	9.247	41.130	50.377	-23.623	74.000	54.00	PEAK
4		12184.890	10.764	39.320	50.084	-23.916	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 23:06**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2437MHz _ 802.11n(40MHz)**

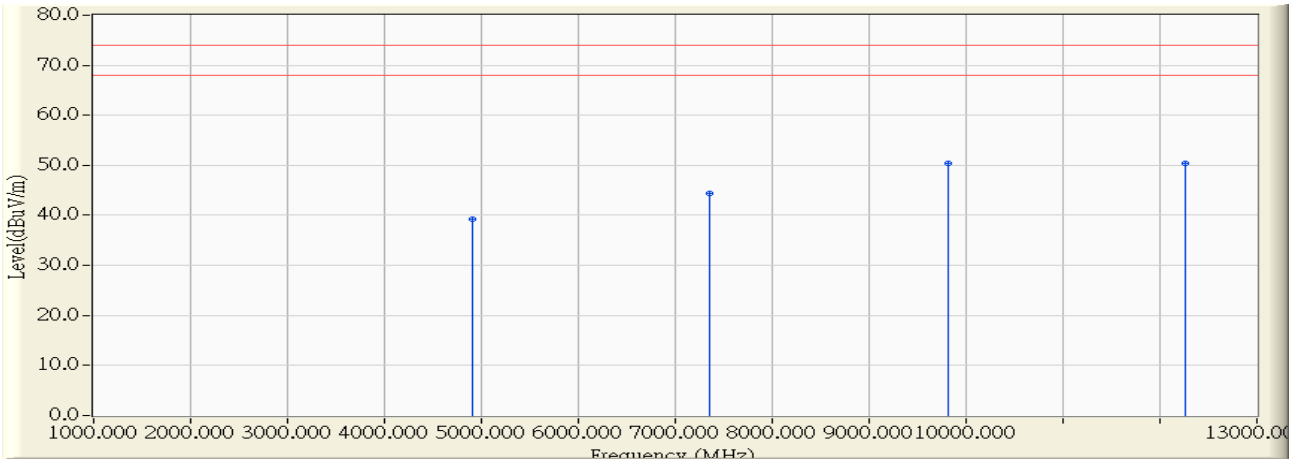


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4873.950	-1.320	39.470	38.150	-35.850	74.000	54.00	PEAK
2		7310.890	5.057	39.250	44.307	-29.693	74.000	54.00	PEAK
3	*	9748.380	9.251	41.420	50.671	-23.329	74.000	54.00	PEAK
4		12185.350	10.764	39.350	50.114	-23.886	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 23:14**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2452MHz _802.11n(40MHz)**

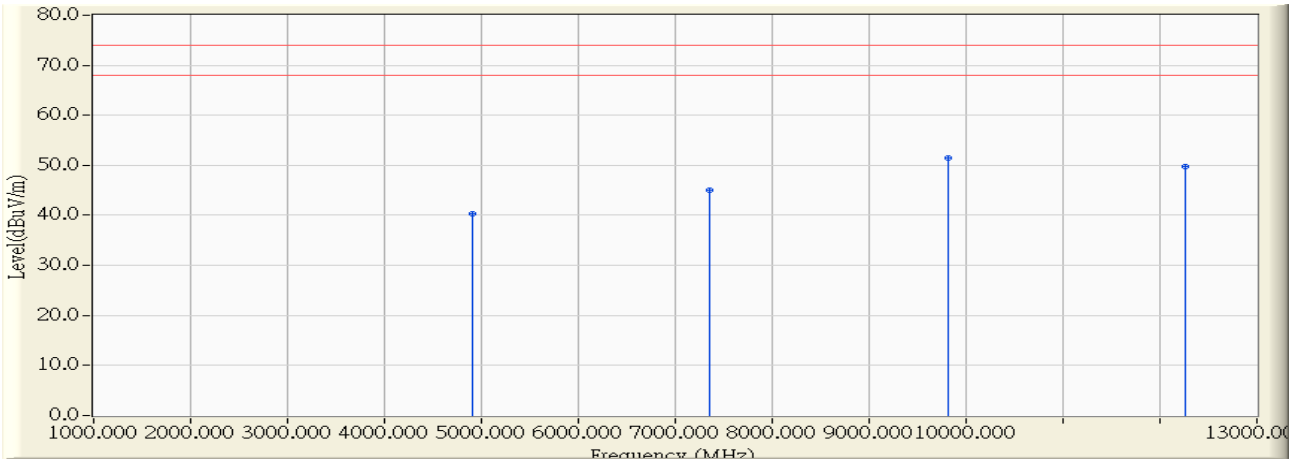


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4903.830	-1.249	40.470	39.221	-34.779	74.000	54.00	PEAK
2		7356.090	5.149	39.210	44.359	-29.641	74.000	54.00	PEAK
3		9808.570	9.663	40.670	50.334	-23.666	74.000	54.00	PEAK
4	*	12260.500	10.740	39.660	50.401	-23.599	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

Site : CB1	**Time : 2011/09/07 - 23:21**
Limit : FCC_SpartC_15.247_H_03M_PK	**Margin : 6**
Probe :FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120V/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2452MHz _802.11n(40MHz)**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Peak Limit (dBuV/m)	Average Limit (dBuV/m)	Detector Type
1		4904.280	-1.248	41.520	40.272	-33.728	74.000	54.00	PEAK
2		7356.020	5.149	39.960	45.109	-28.891	74.000	54.00	PEAK
3	*	9807.860	9.659	41.860	51.519	-22.481	74.000	54.00	PEAK
4		12259.020	10.741	39.090	49.831	-24.169	74.000	54.00	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.
7. The Emission above 13GHz were not included is because their levels are too low.

4. Radiated Emission Band Edge

4.1. Test Equipment

The following test equipments are used during the test:

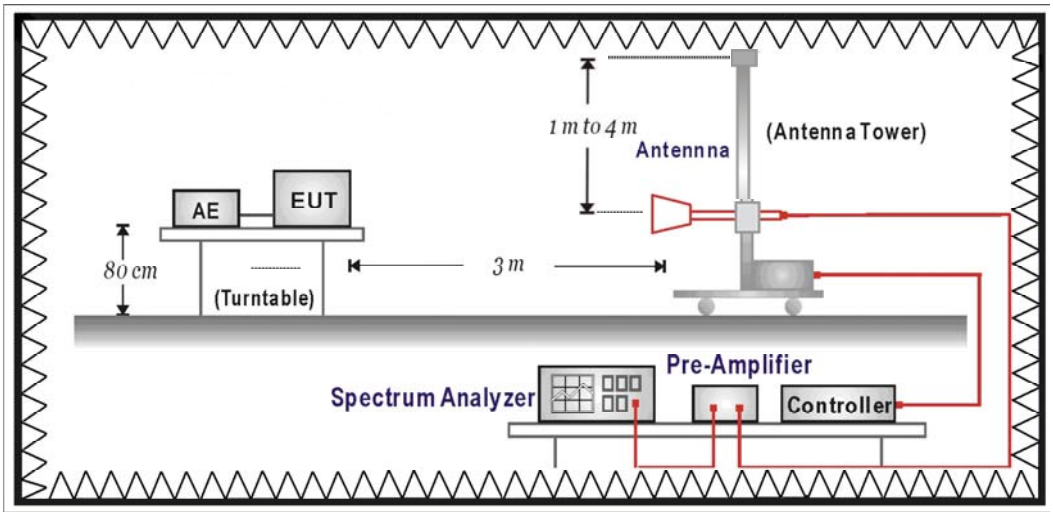
Radiated Emission Band Edge / CB1

Instrument	Manufacturer	Model No.	Serial No	Next Cal. Date
Double Ridged Guide Horn Antenna	Schwarzback	BBHA 9120D	743	2012/02/24
PSA Series Spectrum analyzer	Agilent	E4440A	MY46187335	2012/01/06
Coaxial Cable	Huber+Suhner AG	Sucoflex 102	25623/2	2012/03/21

Note: 1. All equipments that need to calibrate are with calibration period of 1 year.

4.2. Test Setup

RF Radiated Measurement:



4.3. Limits

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 20dB below the level of the fundamental or to the general radiated emission limits in paragraph 15.209, whichever is the lesser attenuation.

4.4. Test Procedure

The EUT was setup according to ANSI C63.4: 2009 and tested according to DTS test procedure of Oct 2002 KDB558074 for compliance to FCC 47CFR 15.247 requirements.
The EUT and its simulators are placed on a turn table which is 0.8 meter above ground.
The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT was positioned such that the distance from antenna to the EUT was 3 meters.
The antenna can move up and down between 1 meter and 4 meters to find out the maximum emission level.
Both horizontal and vertical polarization of the antenna are set on measurement. In order to find the maximum emission, all of the interface cables must be manipulated according to ANSI C63.4: 2009 on radiated measurement.

4.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.247: 2010

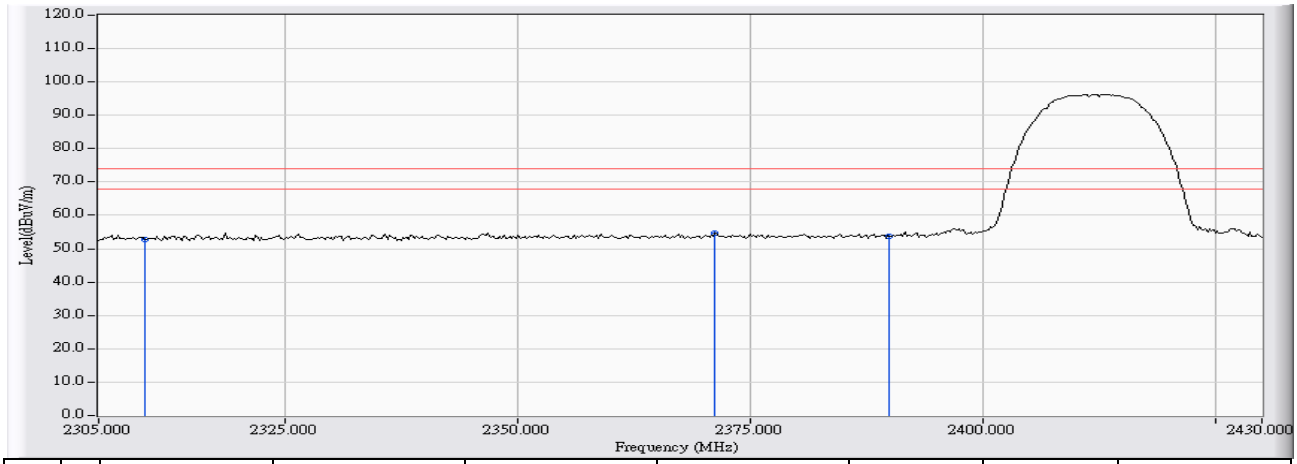
4.6. Uncertainty

The measurement uncertainty
± 3.9 dB above 1GHz

4.7. Test Result

Radiated is defined as

Site : CB1	**Time : 2011/09/07 - 18:33**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2412MHz _802.11b**

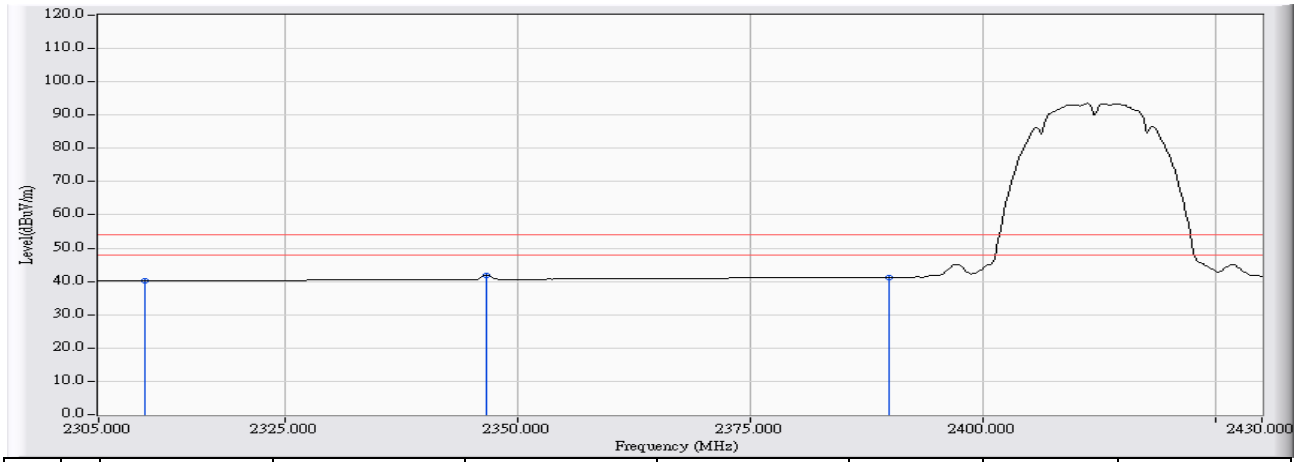


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.263	24.588	52.851	-21.149	74.000	PEAK
2	*	2371.250	28.502	26.201	54.703	-19.297	74.000	PEAK
3		2390.000	28.575	25.183	53.758	-20.242	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 18:34**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2412MHz _802.11b**

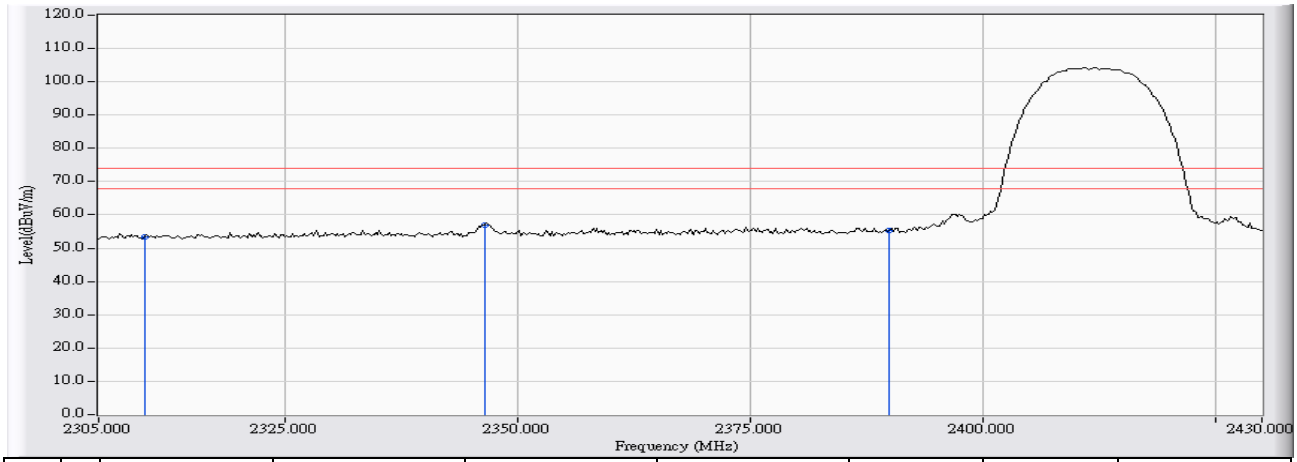


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.263	12.011	40.274	-13.726	54.000	AVERAGE
2	*	2346.667	28.407	13.431	41.837	-12.163	54.000	AVERAGE
3		2390.000	28.575	12.565	41.140	-12.860	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 18:37**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2412MHz _802.11b**

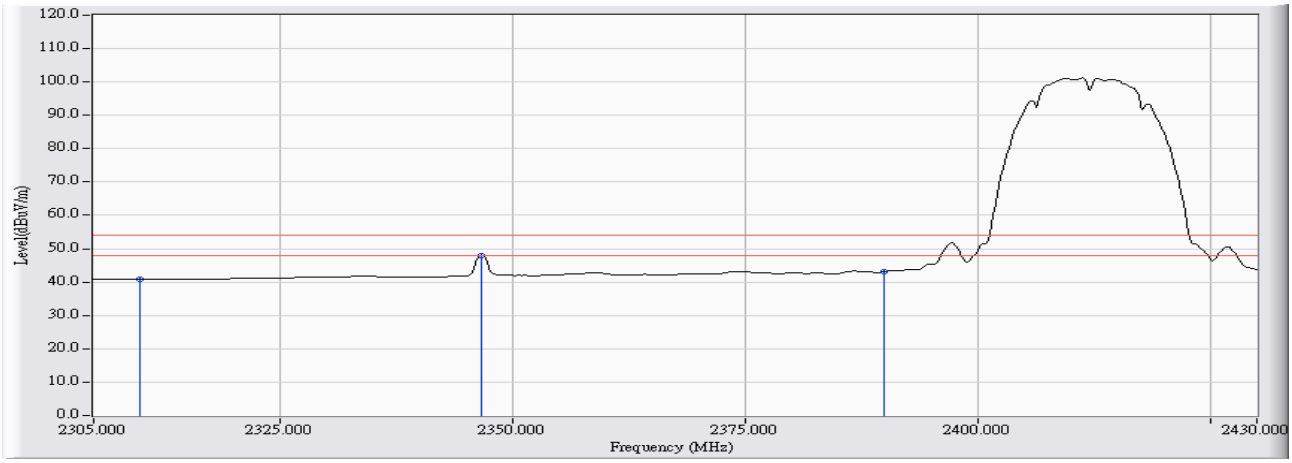


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.263	25.147	53.410	-20.590	74.000	PEAK
2	*	2346.458	28.405	28.693	57.098	-16.902	74.000	PEAK
3		2390.000	28.575	26.920	55.495	-18.505	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 18:39**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2412MHz _802.11b**

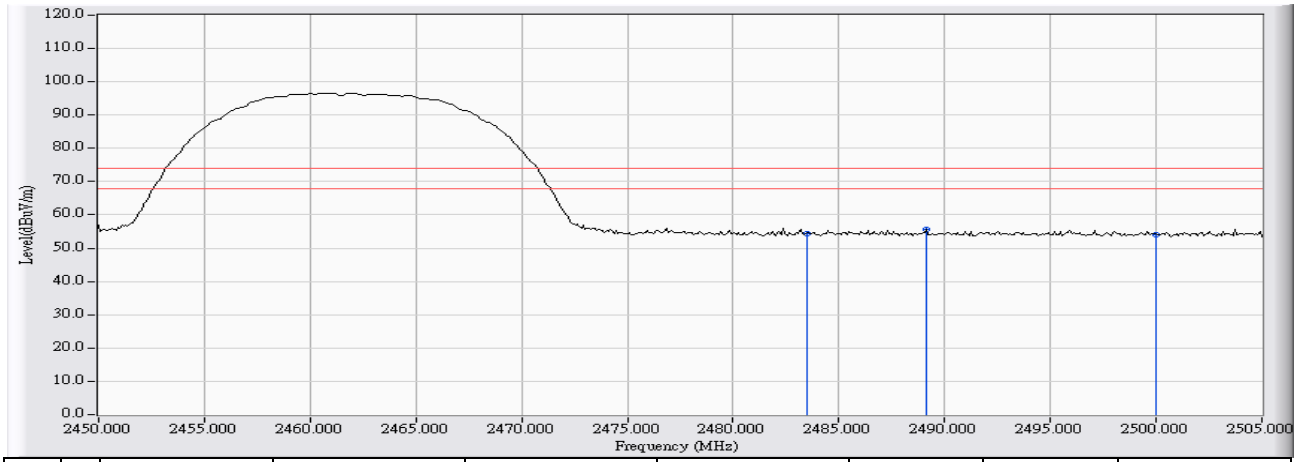


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.263	12.672	40.935	-13.065	54.000	AVERAGE
2	*	2346.667	28.407	19.689	48.095	-5.905	54.000	AVERAGE
3		2390.000	28.575	14.649	43.224	-10.776	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 18:44**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2462MHz _802.11b**

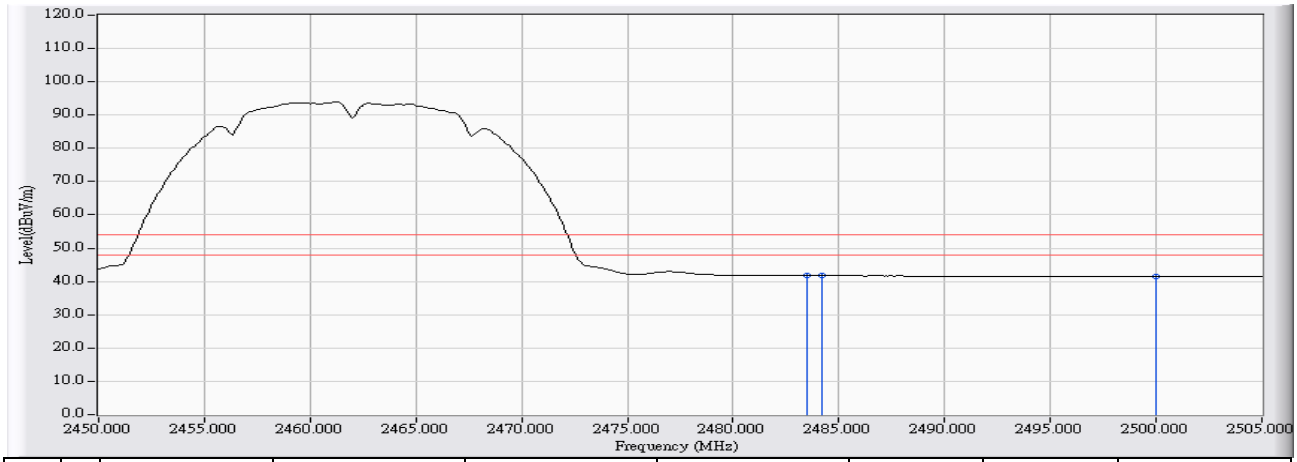


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	28.716	25.794	54.510	-19.490	74.000	PEAK
2	*	2489.142	28.721	26.868	55.589	-18.411	74.000	PEAK
3		2500.000	28.729	25.373	54.102	-19.898	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 18:47**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2462MHz _802.11b**

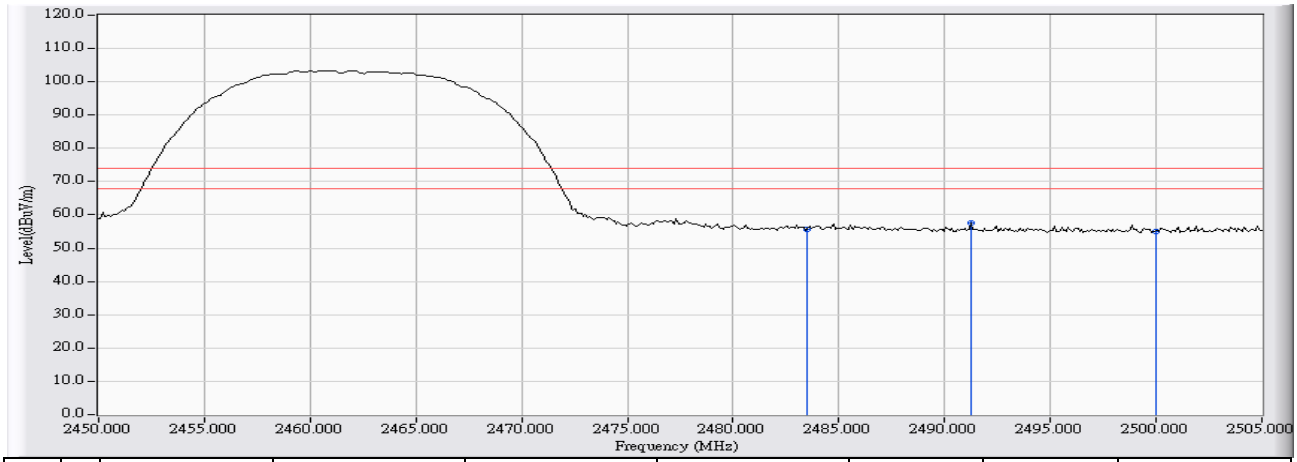


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	28.716	13.085	41.801	-12.199	54.000	AVERAGE
2		2484.192	28.717	13.029	41.746	-12.254	54.000	AVERAGE
3		2500.000	28.729	12.795	41.524	-12.476	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 18:50**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2462MHz _802.11b**

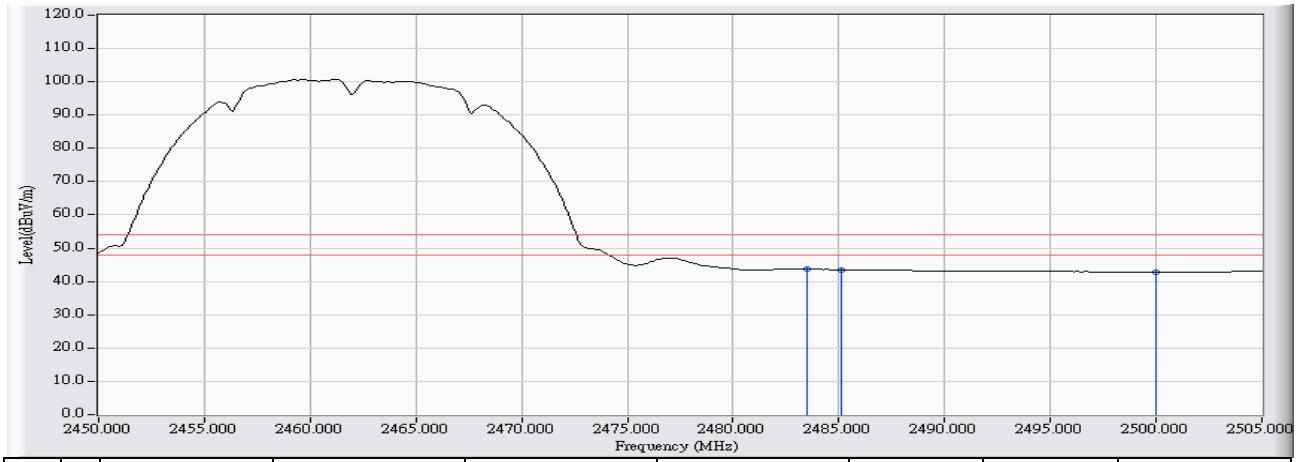


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	28.716	27.088	55.804	-18.196	74.000	PEAK
2	*	2491.250	28.723	28.827	57.549	-16.451	74.000	PEAK
3		2500.000	28.729	26.420	55.149	-18.851	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 18:51**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2462MHz _802.11b**

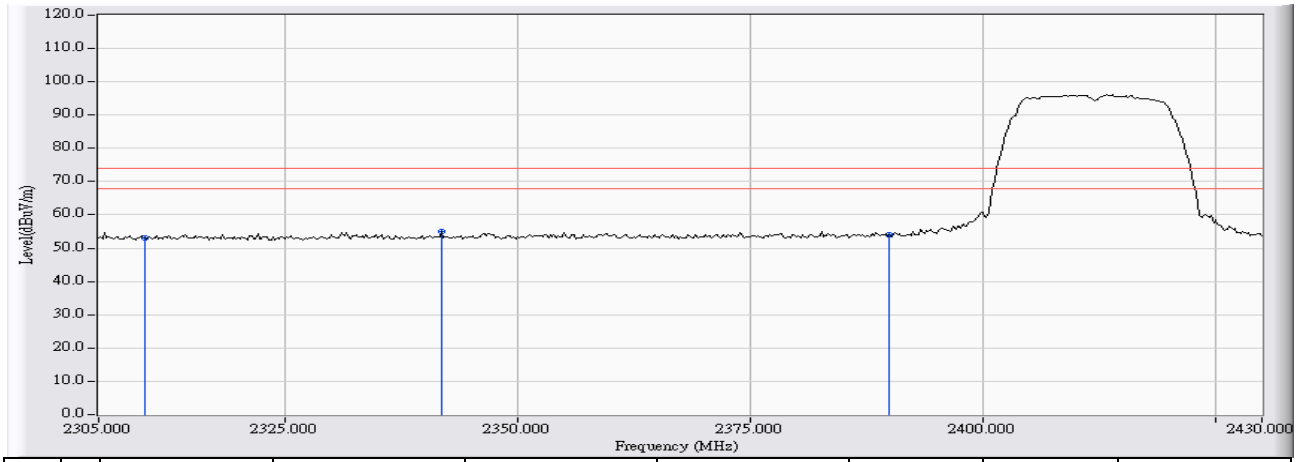


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	28.716	15.003	43.719	-10.281	54.000	AVERAGE
2		2485.108	28.718	14.794	43.512	-10.488	54.000	AVERAGE
3		2500.000	28.729	14.144	42.873	-11.127	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 16:54**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2412MHz _802.11g**

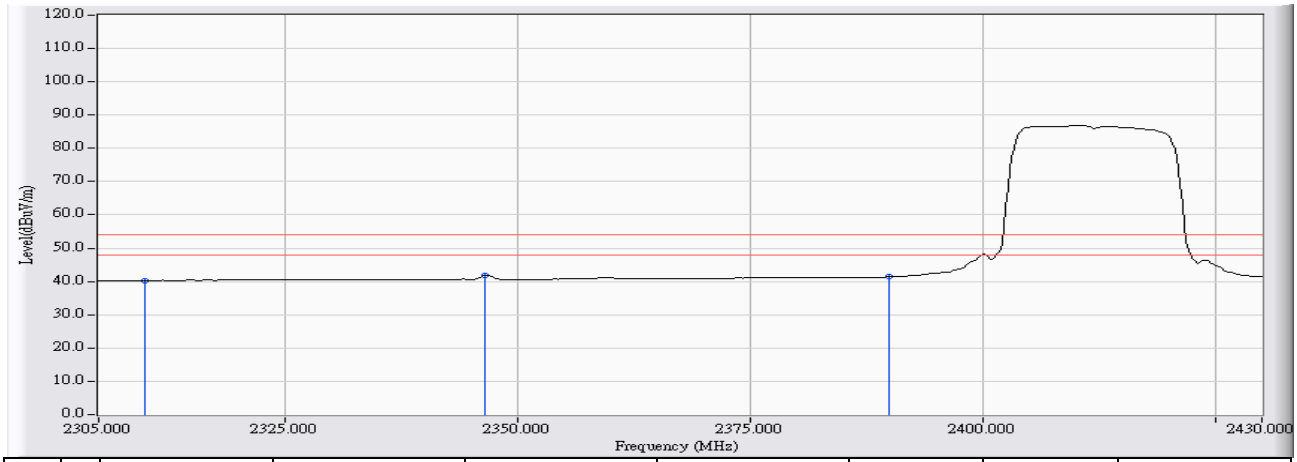


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.263	24.664	52.927	-21.073	74.000	PEAK
2	*	2341.875	28.387	26.536	54.924	-19.076	74.000	PEAK
3		2390.000	28.575	25.533	54.108	-19.892	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 16:57**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2412MHz _802.11g**

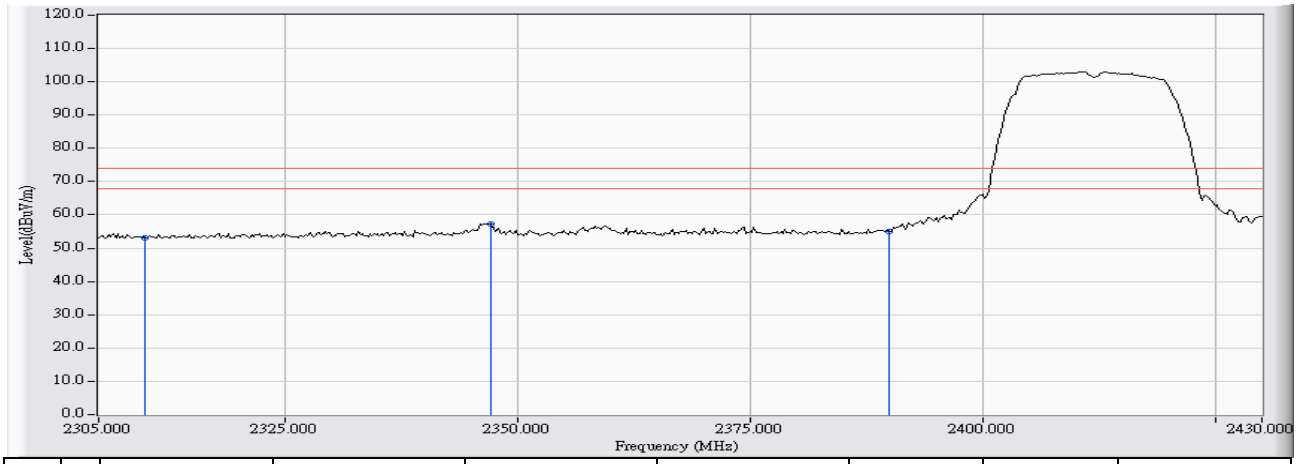


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.263	12.065	40.328	-13.672	54.000	AVERAGE
2	*	2346.458	28.405	13.413	41.818	-12.182	54.000	AVERAGE
3		2390.000	28.575	12.833	41.408	-12.592	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 17:02**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2412MHz _802.11g**

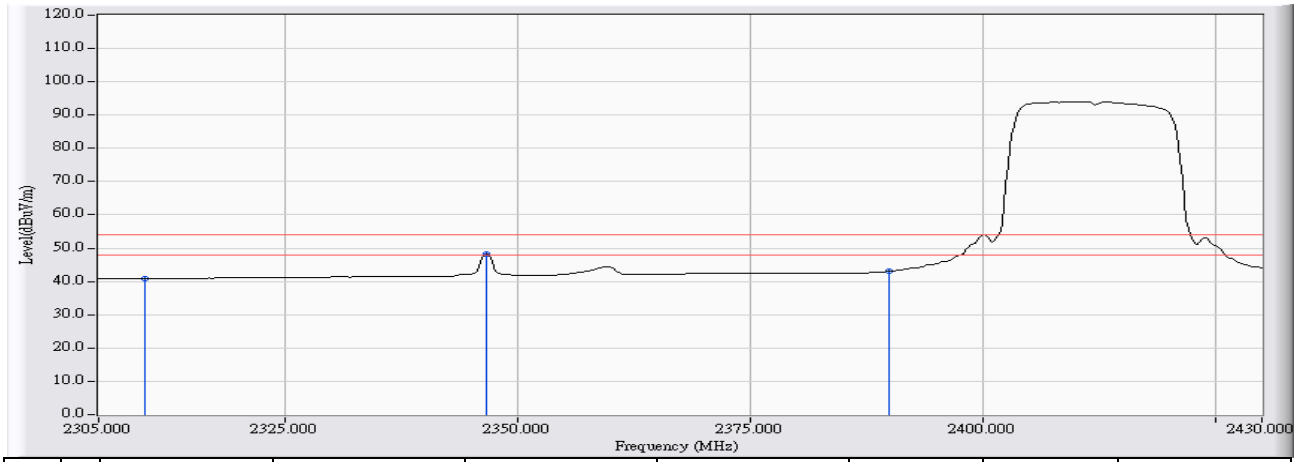


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.263	24.689	52.952	-21.048	74.000	PEAK
2	*	2347.083	28.408	28.940	57.348	-16.652	74.000	PEAK
3		2390.000	28.575	26.407	54.982	-19.018	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 17:03**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2412MHz _802.11g**

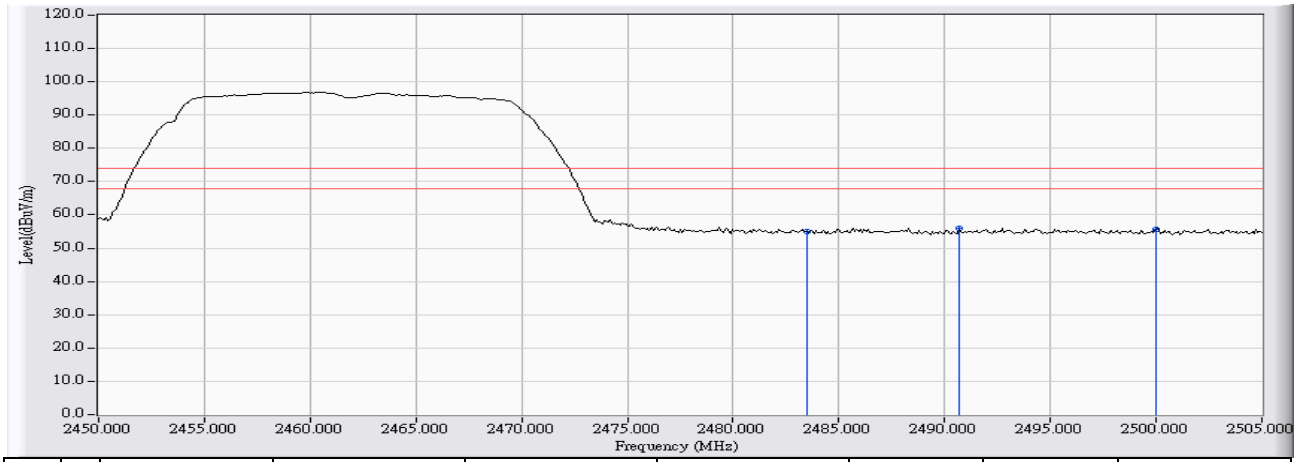


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.263	12.691	40.954	-13.046	54.000	AVERAGE
2	*	2346.667	28.407	19.779	48.185	-5.815	54.000	AVERAGE
3		2390.000	28.575	14.478	43.053	-10.947	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 17:09**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2462MHz_802.11g**

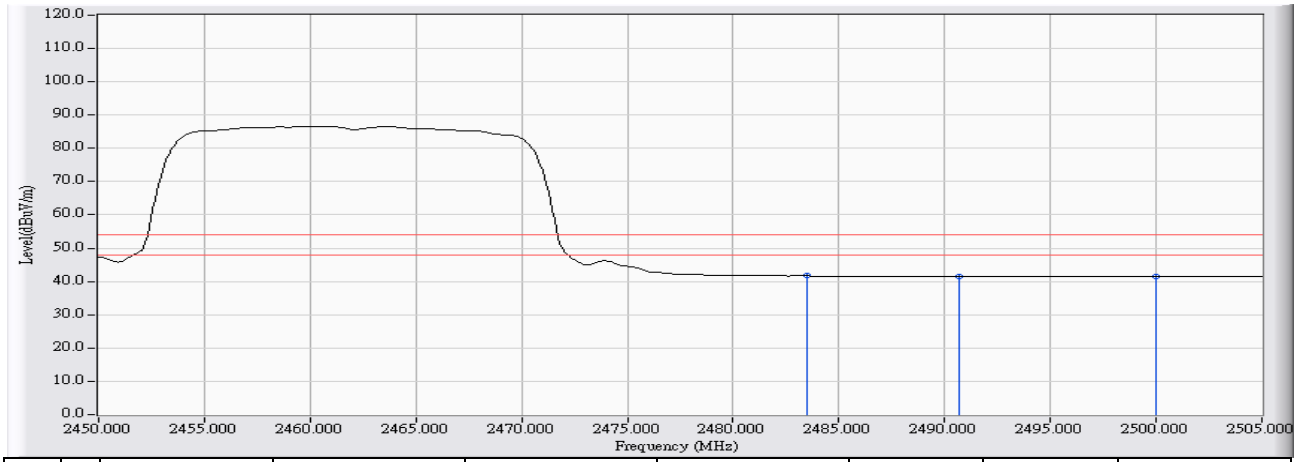


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	28.716	26.233	54.949	-19.051	74.000	PEAK
2	*	2490.700	28.722	27.096	55.818	-18.182	74.000	PEAK
3		2500.000	28.729	26.809	55.538	-18.462	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 17:10**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2462MHz _802.11g**

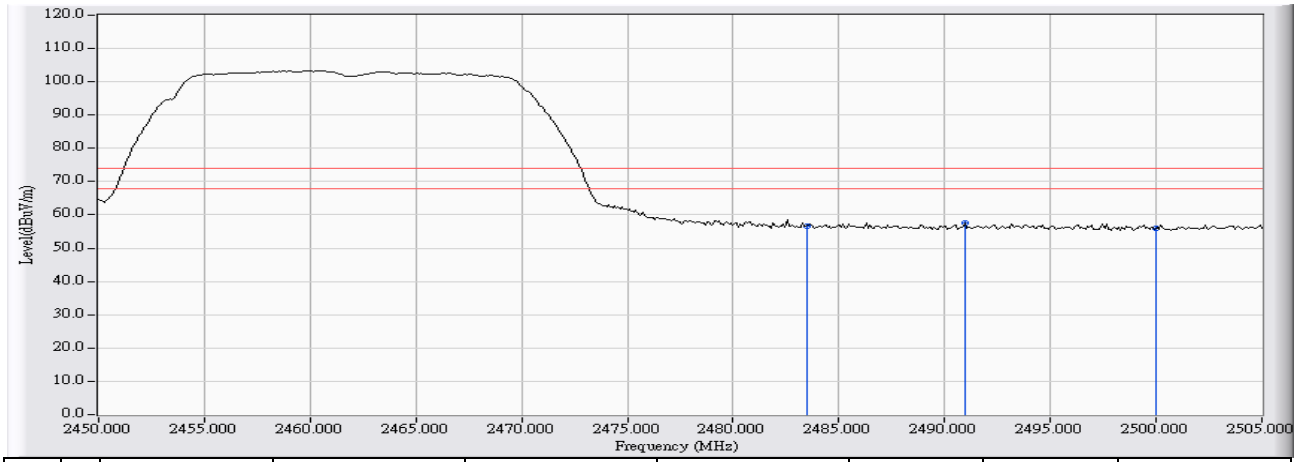


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	28.716	12.952	41.668	-12.332	54.000	AVERAGE
2		2490.700	28.722	12.828	41.550	-12.450	54.000	AVERAGE
3		2500.000	28.729	12.764	41.493	-12.507	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 17:15**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2462MHz _802.11g**

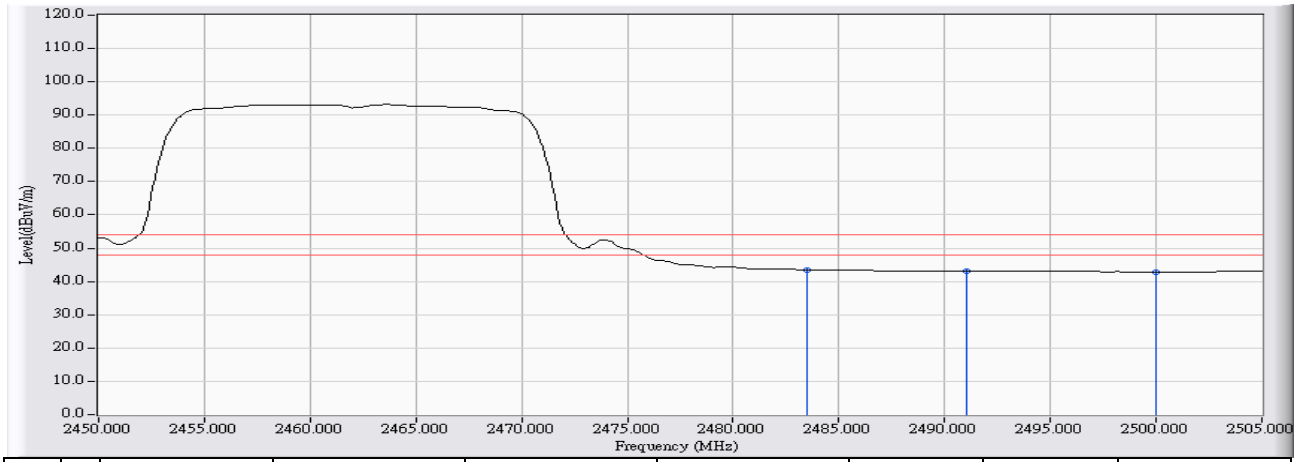


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	28.716	27.929	56.645	-17.355	74.000	PEAK
2	*	2490.975	28.722	28.784	57.506	-16.494	74.000	PEAK
3		2500.000	28.729	27.240	55.969	-18.031	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 17:16**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2462MHz _802.11g**

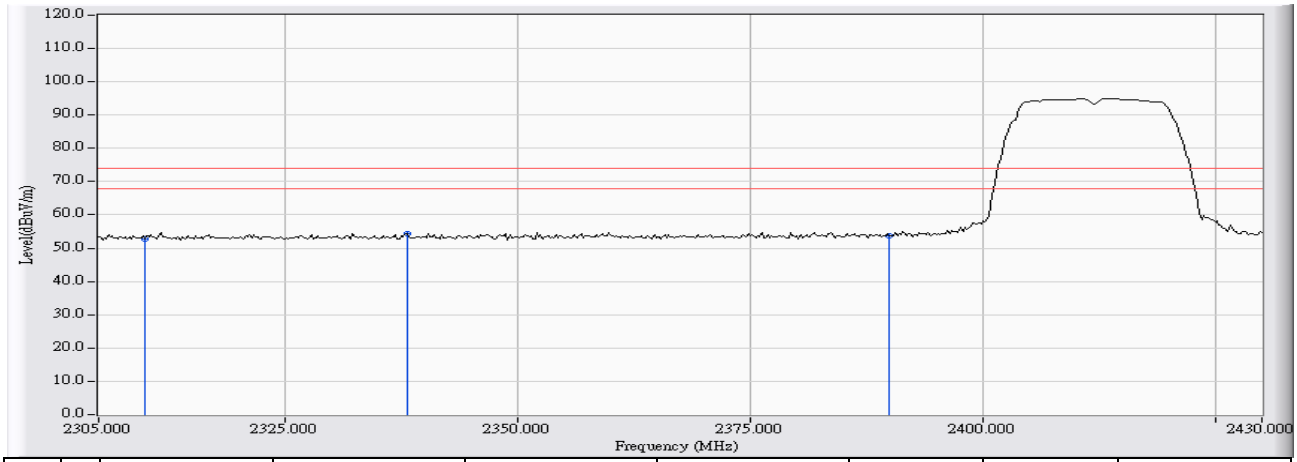


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	28.716	14.782	43.498	-10.502	54.000	AVERAGE
2		2491.067	28.722	14.357	43.079	-10.921	54.000	AVERAGE
3		2500.000	28.729	14.107	42.836	-11.164	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 17:22**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2412MHz _ 802.11n(20MHz)**

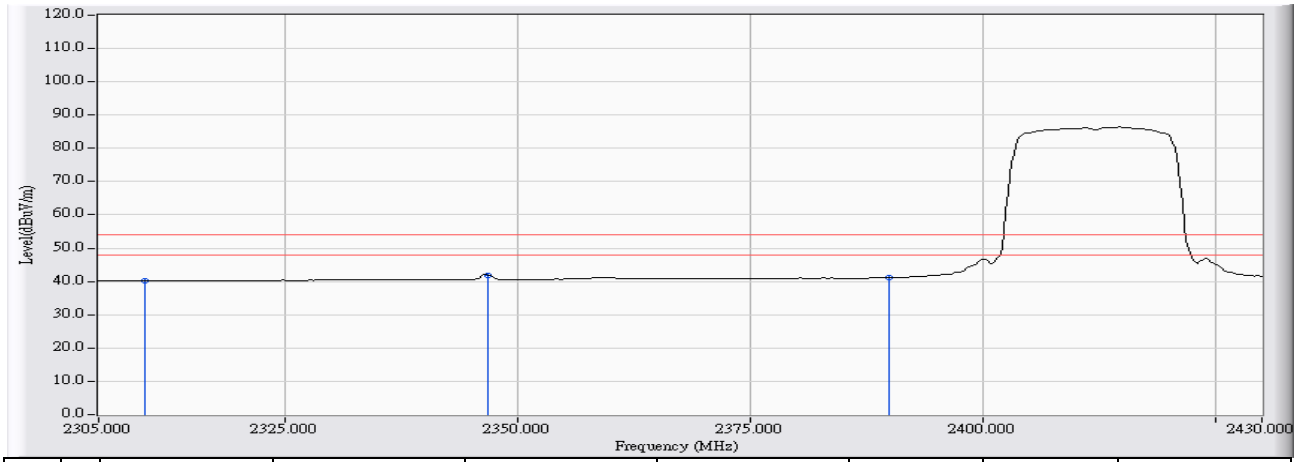


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.263	24.476	52.739	-21.261	74.000	PEAK
2	*	2338.125	28.373	26.153	54.526	-19.474	74.000	PEAK
3		2390.000	28.575	25.031	53.606	-20.394	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 17:24**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2412MHz _802.11n(20MHz)**

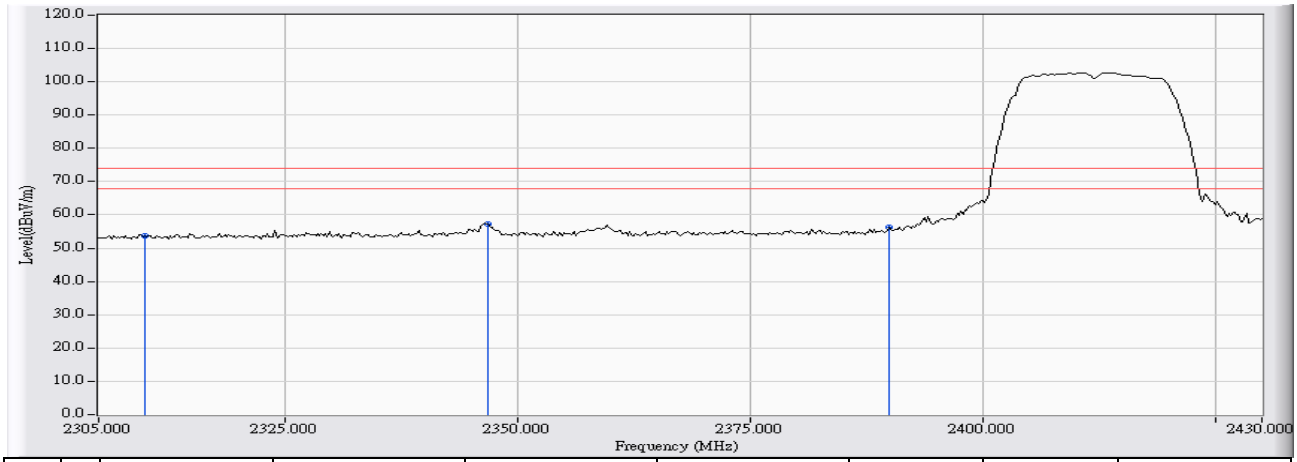


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.263	11.991	40.254	-13.746	54.000	AVERAGE
2	*	2346.875	28.407	13.537	41.944	-12.056	54.000	AVERAGE
3		2390.000	28.575	12.574	41.149	-12.851	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 17:27**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2412MHz _802.11n(20MHz)**

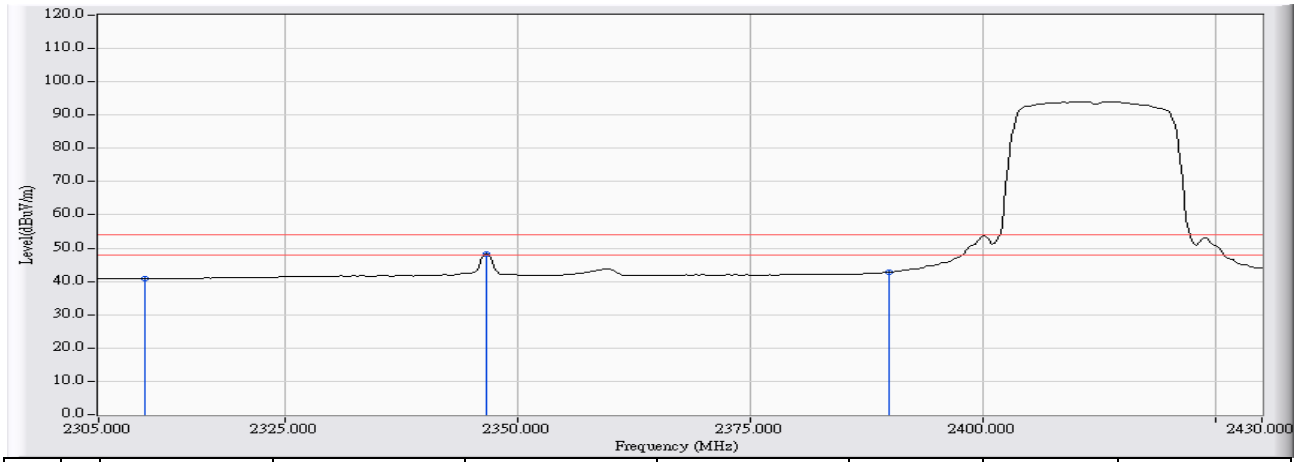


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.263	25.536	53.799	-20.201	74.000	PEAK
2	*	2346.875	28.407	28.963	57.370	-16.630	74.000	PEAK
3		2390.000	28.575	27.597	56.172	-17.828	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 17:28**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2412MHz _ 802.11n(20MHz)**

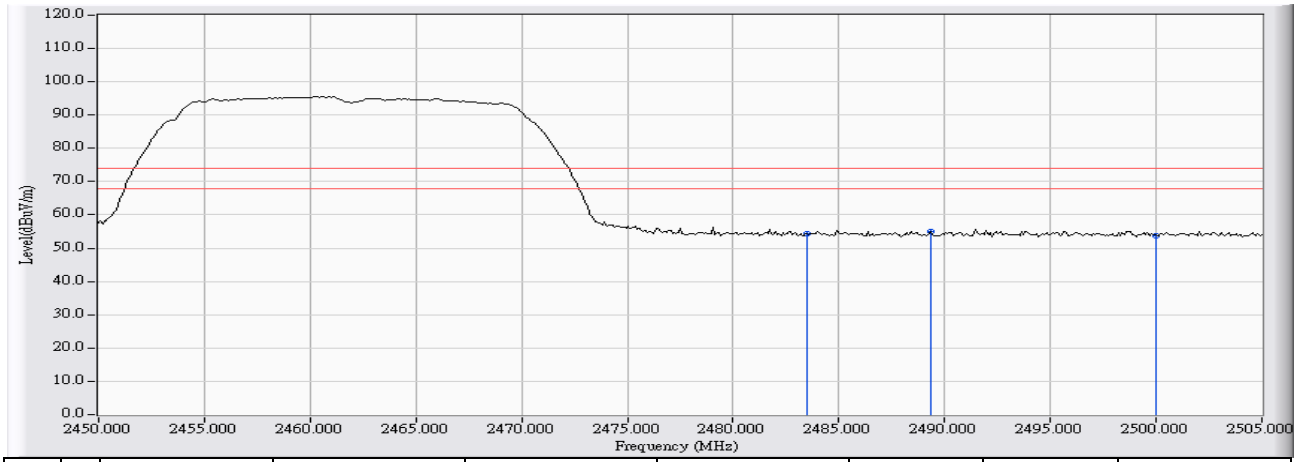


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.263	12.720	40.983	-13.017	54.000	AVERAGE
2	*	2346.667	28.407	19.865	48.271	-5.729	54.000	AVERAGE
3		2390.000	28.575	14.265	42.840	-11.160	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 17:32**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2462MHz _802.11n(20MHz)**

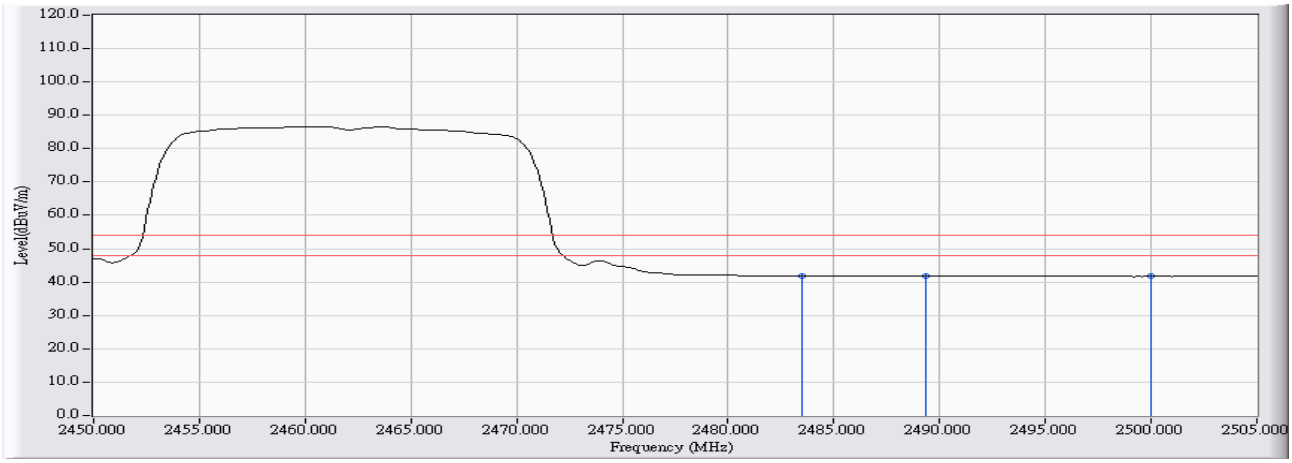


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	28.716	25.494	54.210	-19.790	74.000	PEAK
2	*	2489.325	28.721	26.203	54.924	-19.076	74.000	PEAK
3		2500.000	28.729	25.130	53.859	-20.141	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 17:34**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2462MHz _ 802.11n(20MHz)**

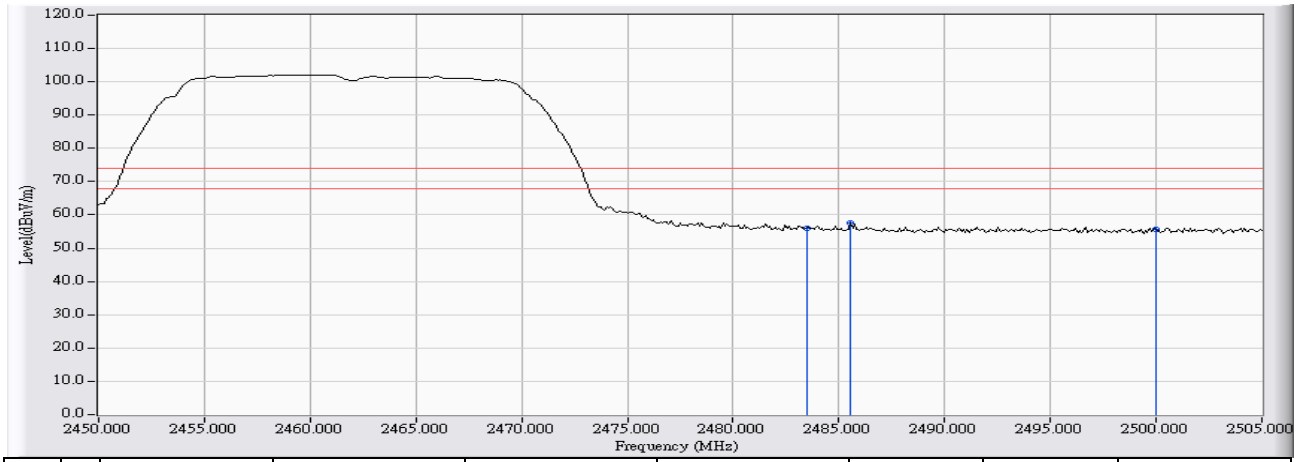


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	28.716	13.133	41.849	-12.151	54.000	AVERAGE
2		2489.325	28.721	12.969	41.690	-12.310	54.000	AVERAGE
3		2500.000	28.729	12.963	41.692	-12.308	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 17:37**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2462MHz _802.11n(20MHz)**

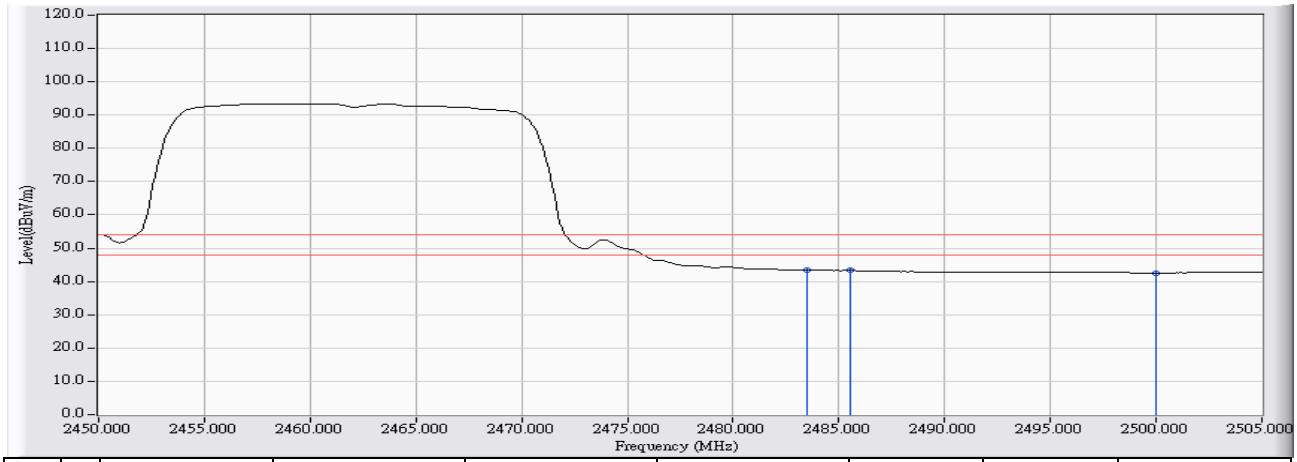


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	28.716	27.326	56.042	-17.958	74.000	PEAK
2	*	2485.567	28.718	28.743	57.461	-16.539	74.000	PEAK
3		2500.000	28.729	26.892	55.621	-18.379	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 17:38**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2462MHz _802.11n(20MHz)**

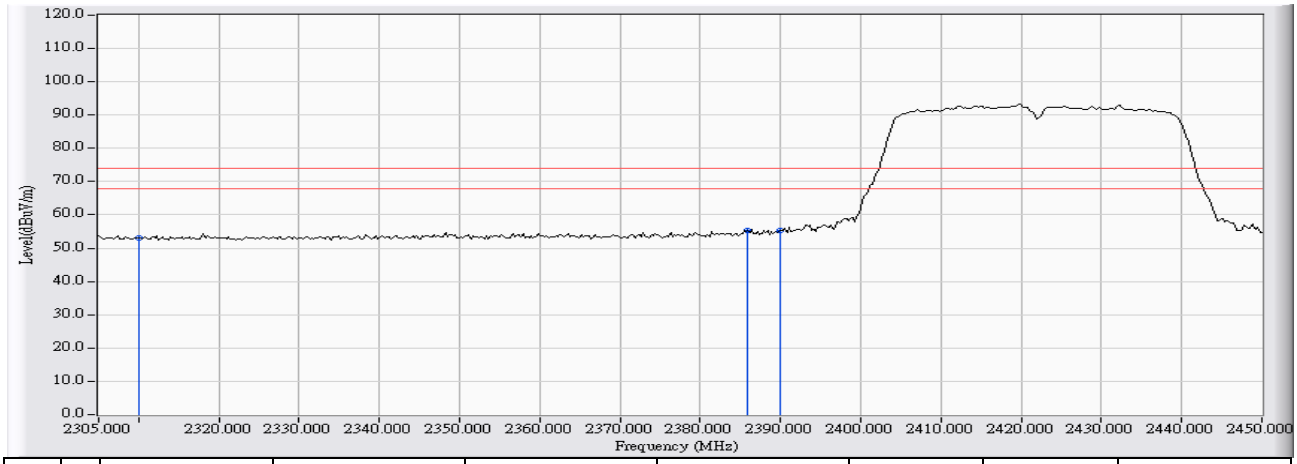


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1	*	2483.500	28.716	14.717	43.433	-10.567	54.000	AVERAGE
2		2485.567	28.718	14.590	43.308	-10.692	54.000	AVERAGE
3		2500.000	28.729	13.871	42.600	-11.400	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 17:46**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2422MHz _ 802.11n(40MHz)**

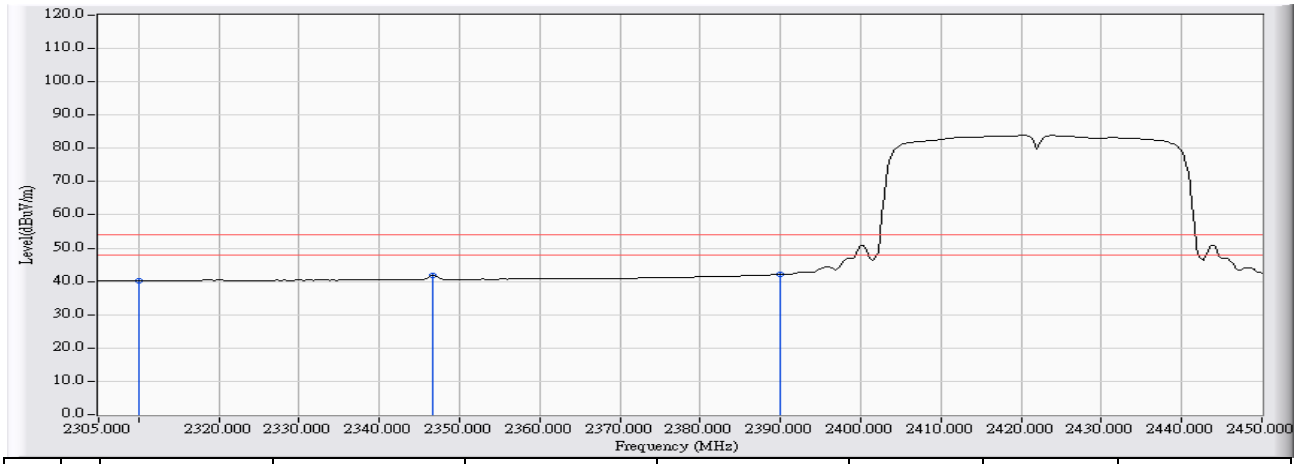


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.263	24.805	53.068	-20.932	74.000	PEAK
2	*	2385.958	28.559	26.744	55.303	-18.697	74.000	PEAK
3		2390.000	28.575	26.663	55.238	-18.762	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 17:47**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2422MHz _802.11n(40MHz)**

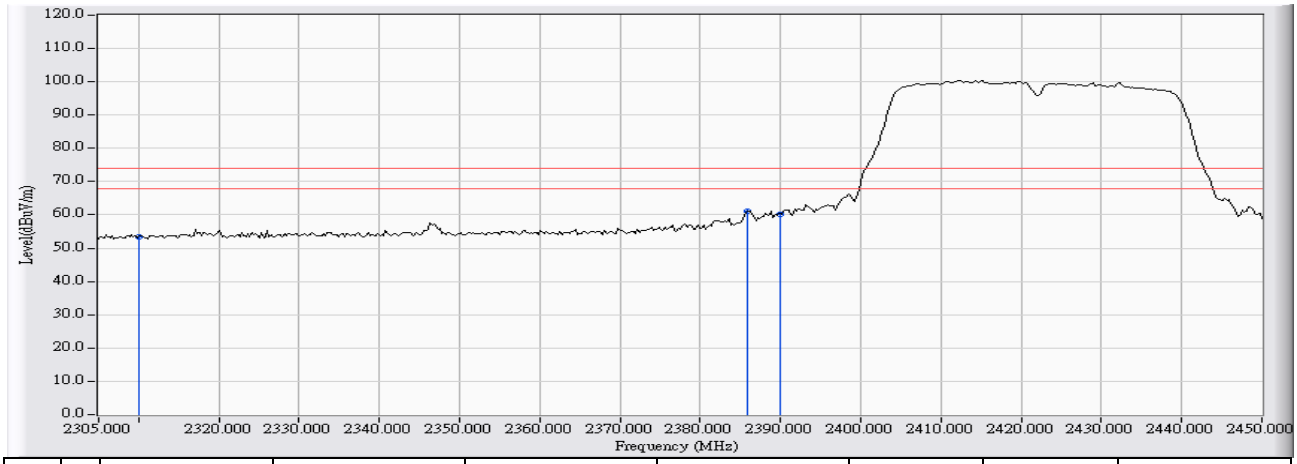


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.263	11.984	40.247	-13.753	54.000	AVERAGE
2		2346.567	28.405	13.376	41.782	-12.218	54.000	AVERAGE
3	*	2390.000	28.575	13.687	42.262	-11.738	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 17:51**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2422MHz _ 802.11n(40MHz)**

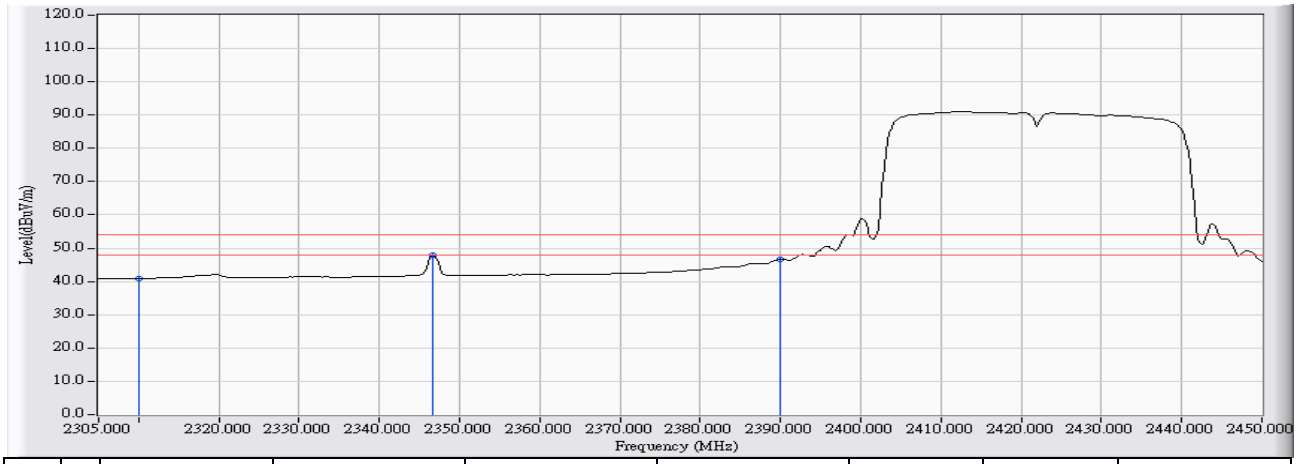


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.263	25.128	53.391	-20.609	74.000	PEAK
2	*	2385.958	28.559	32.446	61.005	-12.995	74.000	PEAK
3		2390.000	28.575	31.729	60.304	-13.696	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 17:52**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2422MHz _802.11n(40MHz)**

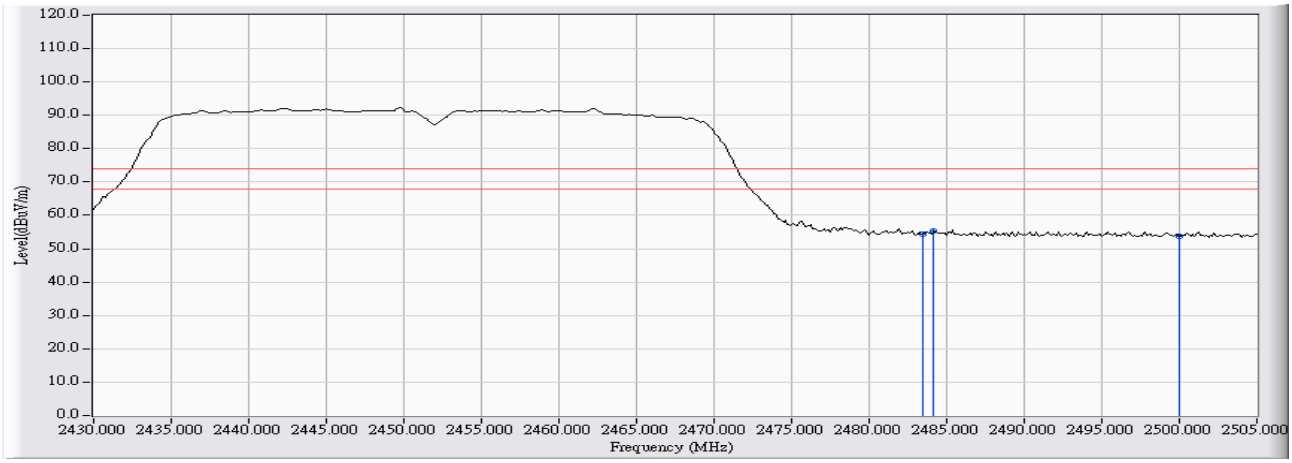


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2310.000	28.263	12.639	40.902	-13.098	54.000	AVERAGE
2	*	2346.567	28.405	19.411	47.817	-6.183	54.000	AVERAGE
3		2390.000	28.575	17.959	46.534	-7.466	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 17:57**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2452MHz _802.11n(40MHz)**

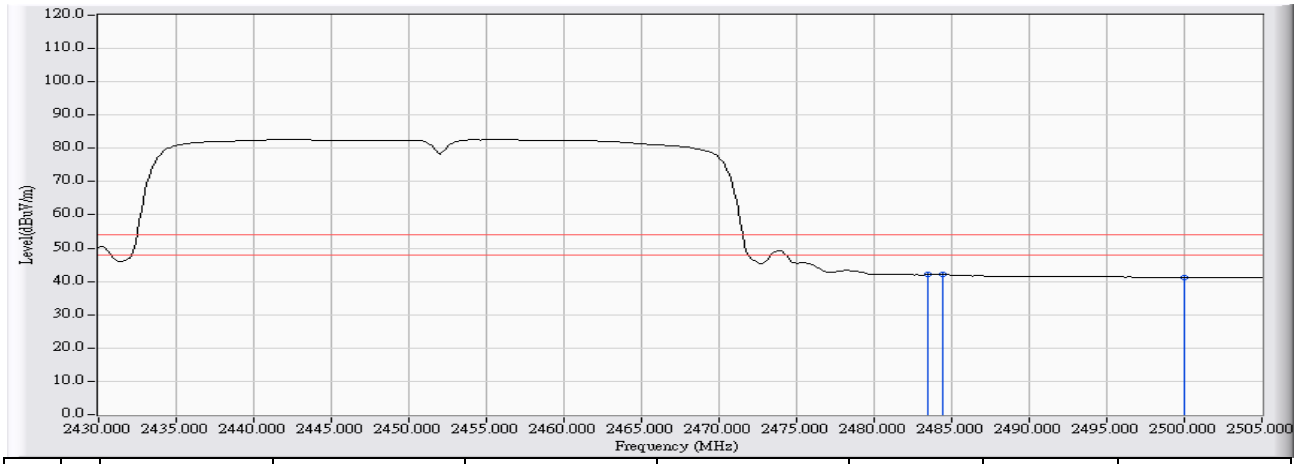


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	28.716	25.619	54.335	-19.665	74.000	PEAK
2	*	2484.125	28.717	26.737	55.454	-18.546	74.000	PEAK
3		2500.000	28.729	25.153	53.882	-20.118	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 17:58**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - HORIZONTAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2452MHz _802.11n(40MHz)**

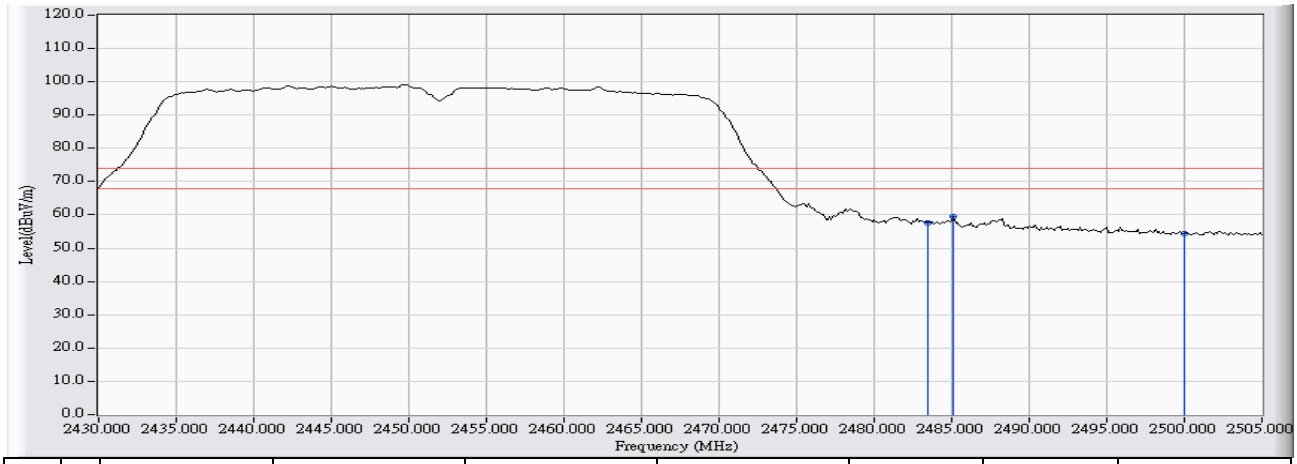


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	28.716	13.314	42.030	-11.970	54.000	AVERAGE
2	*	2484.375	28.717	13.348	42.065	-11.935	54.000	AVERAGE
3		2500.000	28.729	12.457	41.186	-12.814	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 18:02**
Limit : FCC_SpartC_15.209_03M_PK	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2452MHz _ 802.11n(40MHz)**

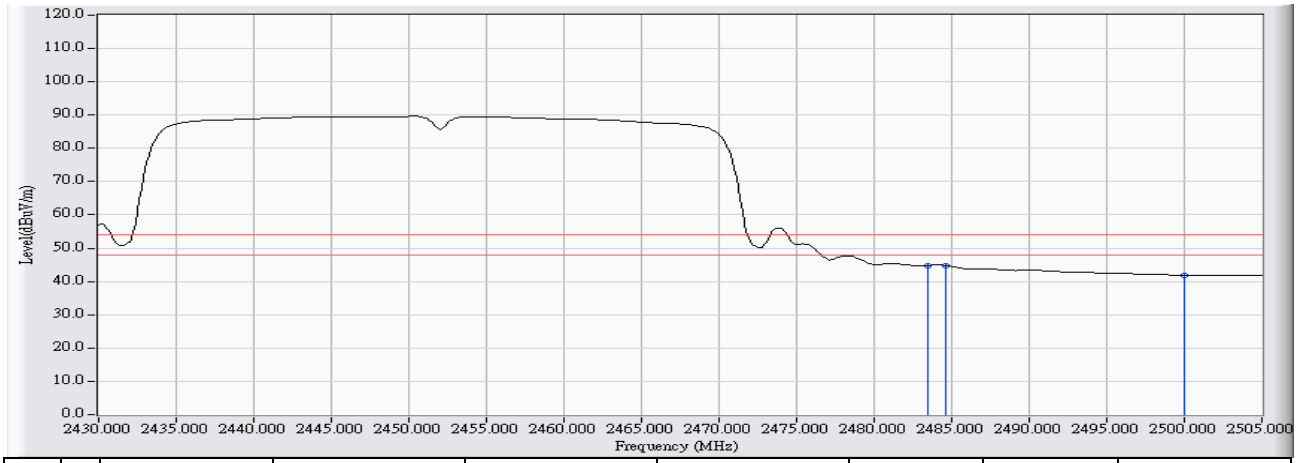


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	28.716	28.752	57.468	-16.532	74.000	PEAK
2	*	2485.125	28.718	30.676	59.394	-14.606	74.000	PEAK
3		2500.000	28.729	25.674	54.403	-19.597	74.000	PEAK

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.

Site : CB1	**Time : 2011/09/07 - 18:03**
Limit : FCC_SpartC_15.209_03M_AV	**Margin : 6**
Probe : FCC_EFS_1-18G(2011-05) - VERTICAL	**Power : AC 120/60Hz**
EUT : Wireless N Home Network Camera	**Note : 2452MHz _ 802.11n(40MHz)**



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type
1		2483.500	28.716	16.067	44.783	-9.217	54.000	AVERAGE
2	*	2484.625	28.718	16.093	44.810	-9.190	54.000	AVERAGE
3		2500.000	28.729	13.127	41.856	-12.144	54.000	AVERAGE

Note:

1. All readings above 1GHz are performed with peak and/or average measurements as necessary.
2. Peak measurements: RBW = 1MHz, VBW = 3 MHz, Sweep: Auto.
3. Average measurements: RBW = 1MHz, VBW = 10 Hz, Sweep: Auto.
4. " * ", means this data is the worst emission level.
5. Measurement Level = Reading Level + Correct Factor.
6. The average measurement was not performed when the peak measured data under the limit of average detection.