Test Report

Product Name ： Wireless color camera

Model No. ： TTA-45T

FCC ID. ： O6LTTA-45TE

Applicant ： TRANWO TECHNOLOGY CORP

Address ： 6F., No.49, Guangming 6th Rd., JubeiCity, Hsinchu, Taiwan, R.O.C.

Date of Receipt ： 2006/05/26

Issued Date ： 2006/06/06

Report No. ： 066H005-RF-US-P07V01

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.

Test Report Certification

Issued Date : 2006/05/06
Report No. : 066H005-RF-US-P07V01

QuieTek

Product Name	:	Wireless color camera
Applicant	:	TRANWO TECHNOLOGY CORP
Address	:	6F., No.49, Guangming 6th Rd., JubeiCity, Hsinchu, Taiwan, R.O.C.
Manufacturer	:	TRANWO TECHNOLOGY CORP
Model No.	:	TTA-45T
FCC ID.	:	O6LTTA-45TE
Rated Voltage	:	AC 120 V / 60 Hz
EUT Voltage	:	AC 120 V / 60 Hz
Trade Name	:	TRANWO
Applicable Standard	:	FCC CFR Title 47 Part 15 Subpart C Section 15.249
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 : Sandy Chuang

(Sandy Chuang)

Tested By : Louis Hsu

(Louis Hsu)

Approved By : Gene Chang

(Gene Chang)

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1. General Information

1.1. EUT Description

Product Name	Wireless color camera
Trade Name	TRANWO
Model No.	TTA-45T
Frequency Range	2434~2472MHz
Channel Number	3
Type of Modulation	FM
Channel Control	Manual
Antenna Type	Soldered on PCB

Component	
Power Adapter	AHEAD, ADA-0900300 I/P: AC 120V/60 Hz O/P: DC 9V, 300mA Cable Out: Non-Shielded, 1.8m

Working Frequency of Each Channel					
Channel	Frequency	Channel	Frequency	Channel	Frequency
001	2434 MHz	002	2453 MHz	003	2472 MHz

Note:

1. This device is a 2.4GHz Wireless color camera included a 2.4GHz transmitting function.
2. These tests were conducted on a sample of the equipment for the purpose of demonstrating compliance with Part 15 Subpart C Paragraph 15.249.
3. 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.
4. This device is a composite device in accordance with Part 15 regulations. The function receiving was measured and made a test report that the report number is 035H042F under Declaration of Conformity.

1.3. Test Mode

QuieTek has verified the construction and function in typical operation. All the test modes were carried out with the EUT in normal operation, which was shown in this test report and defined as:

Pre-Test Mode	
EMI	Mode 1: Transmit
Final Test Mode	
TX	Mode 1: Transmit

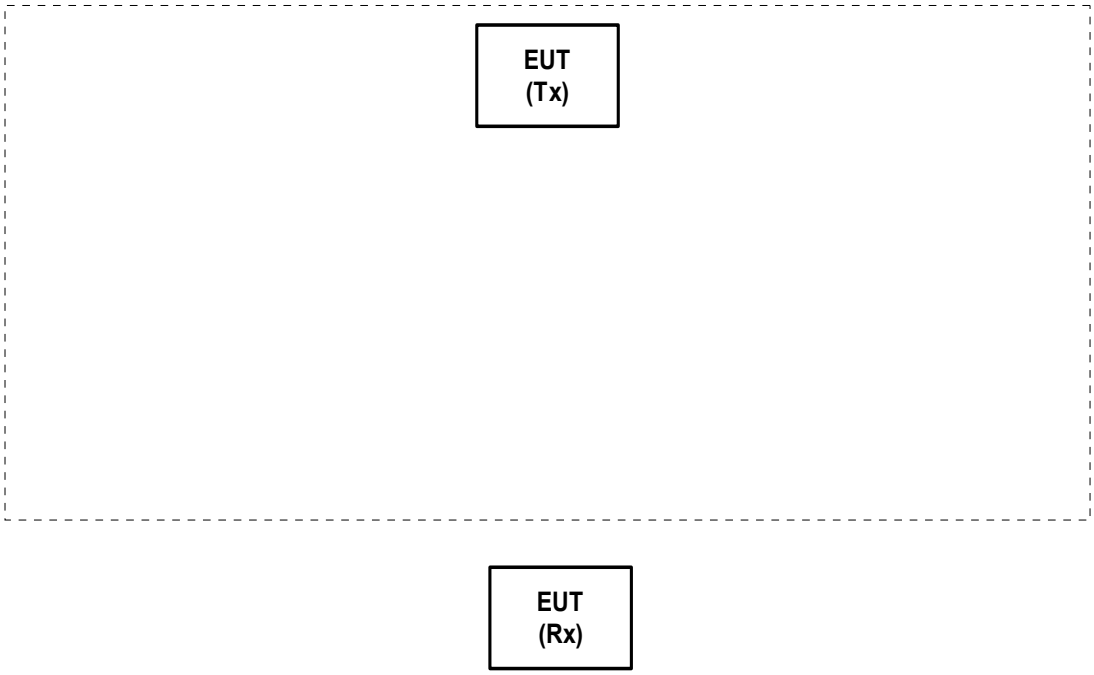
1.4. Tested System Details

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

N/A

1.5. Configuration of tested System

Connection Diagram



1.6. EUT Exercise Software

1	Setup the EUT and display as shown on 1.5.
2	Turn on the power of all equipment.
3	The EUT(Tx) will start to operate.
4	The EUT(Tx) will transmit the video signal to EUT(Rx).
5	Monitor will display “video figure” on monitor in the same time.

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	55
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.249 Band Edge	15 - 35	20
Humidity (%RH)		25 - 75	65
Barometric pressure (mbar)		860 - 1060	950-1000
Temperature (°C)	FCC PART 15 C 15.249 Radiated Emission	15 - 35	20
Humidity (%RH)		25 - 75	65
Barometric pressure (mbar)		860 - 1060	950-1000

Site Description:

January 24, 2005 File on
Federal Communications Commission
FCC Engineering Laboratory
7435 Oakland Mills Road
Columbia, MD 21046
Registration Number: 365520

Accredited by CNLA
Accreditation Number: 1313
Effective through: September 27, 2007

1313
ILAC MRA

Accredited by NVLAP
NVLAP Lab Code: 200347-0
Effective through: September 30, 2006

NVLAP Lab Code : 200347-0

Site Name: Quietek Corporation

Site Address: No.75-1, Wang-Yeh Valley, Yung-Hsing,
Chiung-Lin, Hsin-Chu County,
Taiwan, R.O.C.
TEL : 886-3-592-8858 / FAX : 886-3-592-8859
E-Mail : service@quietek.com

2. Conducted Emission

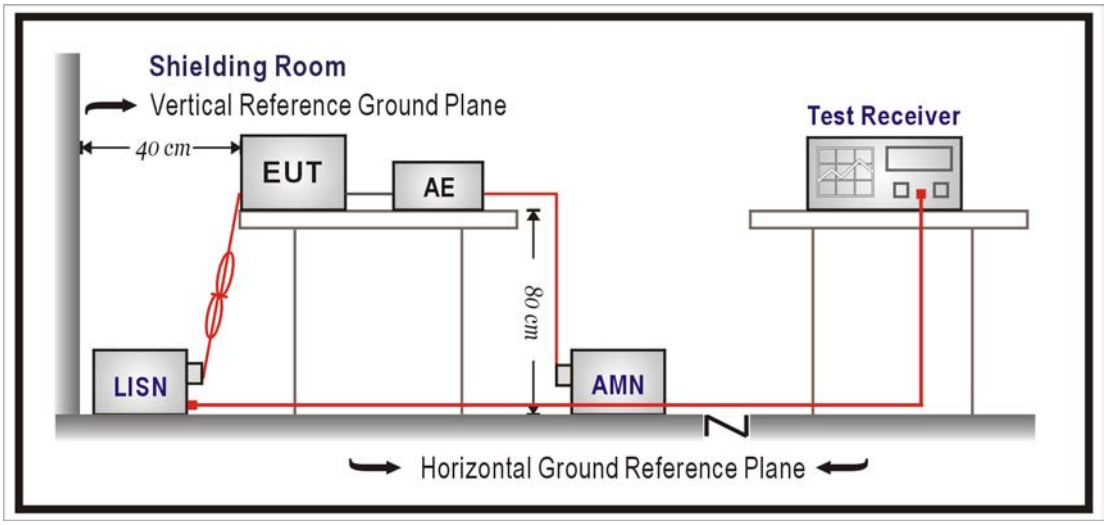
2.1. Test Equipment

The following test equipment are used during the test:

Item	Equipment	Manufacturer	Model No. / Serial No.	Last Cal.	Remark
1	Test Receiver	R & S	ESCS 30/825442/018	Sep., 2005	
2	Artificial Mains Network	R & S	ENV4200/848411/10	Feb., 2006	Peripherals
3	LISN	R & S	ESH3-Z5/825562/002	Feb., 2006	EUT
4	Pulse Limiter	R & S	ESH3-Z2/357.8810.52	Feb., 2006	
5	No.2 Shielded Room			N/A	

Note: All equipment upon which need to calibrated are with calibration period of 1 year.

2.2. Test Setup



2.3. Limits

FCC Part 15 Subpart C Paragraph 15.207 Limits (dBuV)		
Frequency MHz	QP	AV
0.15 - 0.50	66-56	56-46
0.50-5.0	56	46
5.0 - 30	60	50

Remarks : In the above table, the tighter limit applies at the band edges.

2.4. Test Procedure

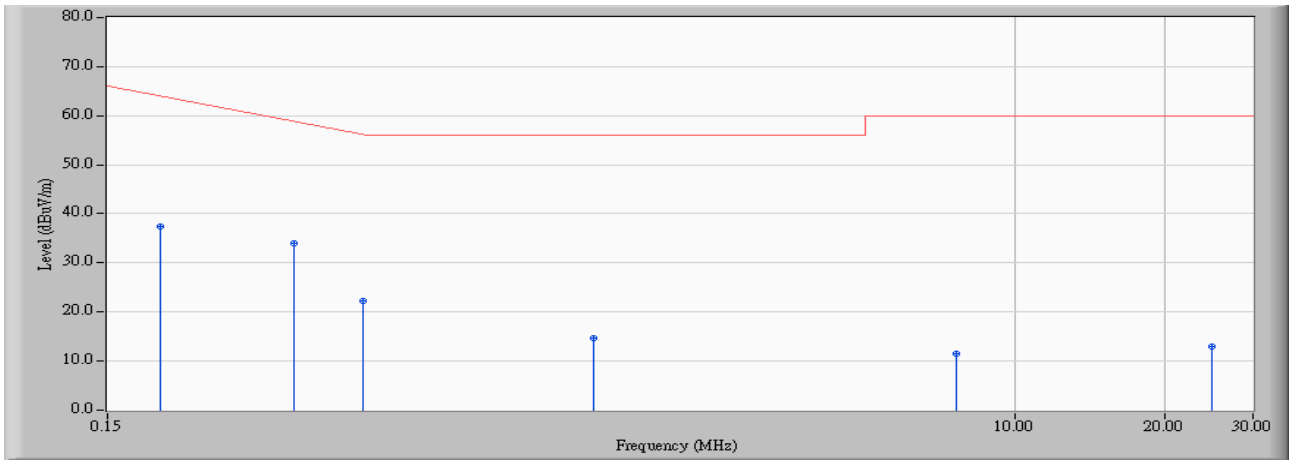
The EUT and simulators are connected to the main power through a line impedance stabilization network (L.I.S.N.). This provides a 50 ohm /50uH coupling impedance for the measuring equipment. The peripheral devices are also connected to the main power through a LISN that provides a 50ohm /50uH coupling impedance with 50ohm termination. (Please refers to the block diagram of the test setup and photographs.) Both sides of A.C. line are checked for maximum conducted interference. In order to find the maximum emission, the relative positions of equipment and all of the interface cables must be changed according to ANSI C63.4: 2003 on conducted measurement. Conducted emissions were invested over the frequency range from 0.15MHz to 30MHz using a receiver bandwidth of 9kHz.

2.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.207: 2005

2.6. Test Result

Site : QuieTek Shielding Room 2	Time : 2006/06/01 - 16:24
Limit : CISPR_B_00M_QP	Margin : 0
EUT : Wireless color camera	Probe : QTK-LISN-SR2 - Line1
Power : AC 120V/60Hz	Note : TTA-45T

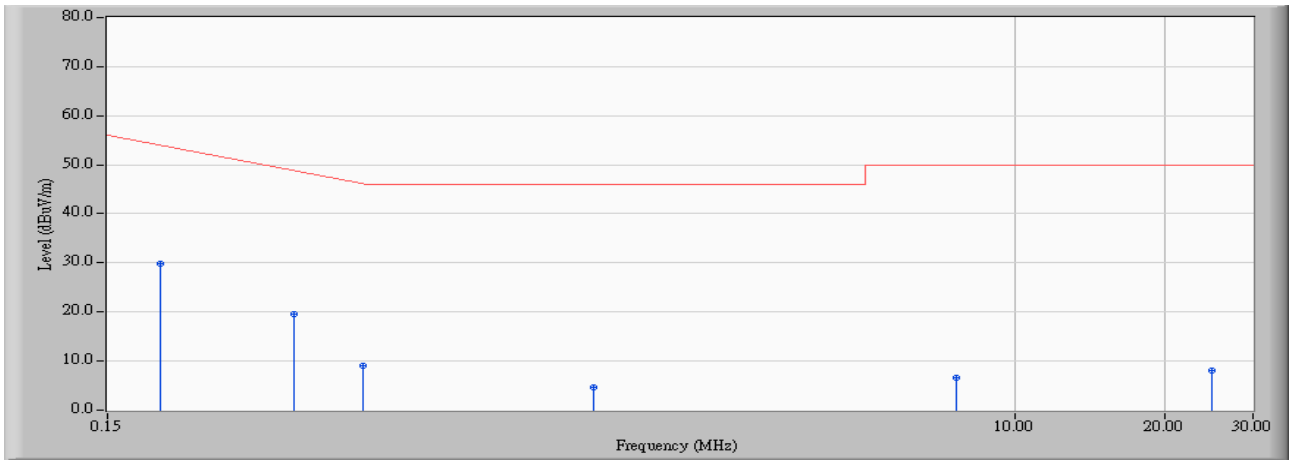


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.191	0.200	37.280	37.480	-27.349	64.829	QUASIPEAK
2	*	0.356	0.200	33.700	33.900	-26.214	60.114	QUASIPEAK
3		0.490	0.210	22.140	22.350	-33.936	56.286	QUASIPEAK
4		1.420	0.220	14.460	14.680	-41.320	56.000	QUASIPEAK
5		7.603	0.580	10.990	11.570	-48.430	60.000	QUASIPEAK
6		24.755	1.230	11.840	13.070	-46.930	60.000	QUASIPEAK

Note:

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

Site : QuieTek Shielding Room 2	Time : 2006/06/01 - 16:24
Limit : CISPR_B_00M_AV	Margin : 0
EUT : Wireless color camera	Probe : QTK-LISN-SR2 - Line1
Power : AC 120V/60Hz	Note : TTA-45T

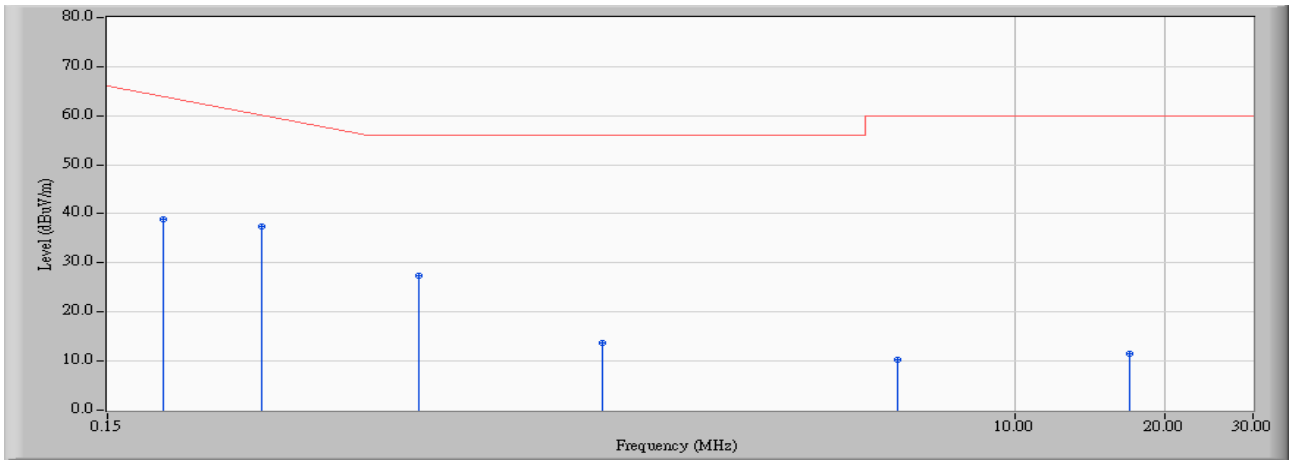


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.191	0.200	29.610	29.810	-25.019	54.829	AVERAGE
2		0.356	0.200	19.470	19.670	-30.444	50.114	AVERAGE
3		0.490	0.210	8.730	8.940	-37.346	46.286	AVERAGE
4		1.420	0.220	4.450	4.670	-41.330	46.000	AVERAGE
5		7.603	0.580	6.040	6.620	-43.380	50.000	AVERAGE
6		24.755	1.230	6.900	8.130	-41.870	50.000	AVERAGE

Note:

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

Site : QuieTek Shielding Room 2	Time : 2006/06/01 - 16:31
Limit : CISPR_B_00M_QP	Margin : 0
EUT : Wireless color camera	Probe : QTK-LISN-SR2 - Line2
Power : AC 120V/60Hz	Note : TTA-45T

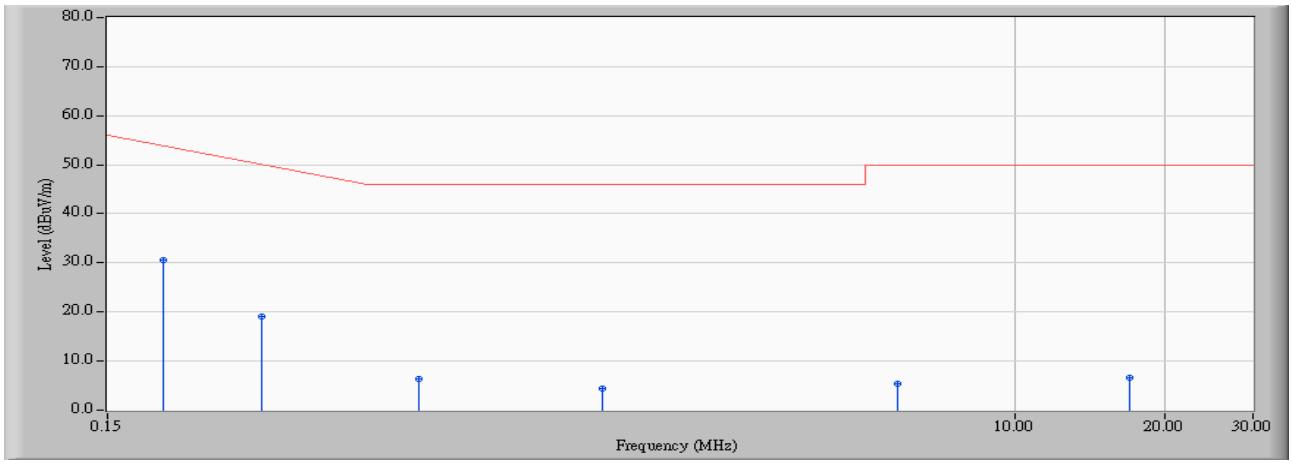


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1		0.194	0.200	38.580	38.780	-25.963	64.743	QUASIPEAK
2	*	0.307	0.200	37.180	37.380	-24.134	61.514	QUASIPEAK
3		0.634	0.210	27.110	27.320	-28.680	56.000	QUASIPEAK
4		1.478	0.220	13.570	13.790	-42.210	56.000	QUASIPEAK
5		5.798	0.340	10.010	10.350	-49.650	60.000	QUASIPEAK
6		16.994	0.730	10.800	11.530	-48.470	60.000	QUASIPEAK

Note:

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

Site : QuieTek Shielding Room 2	Time : 2006/06/01 - 16:31
Limit : CISPR_B_00M_AV	Margin : 0
EUT : Wireless color camera	Probe : QTK-LISN-SR2 - Line2
Power : AC 120V/60Hz	Note : TTA-45T



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV)	Margin (dB)	Limit (dBuV)	Detector Type
1	*	0.194	0.200	30.490	30.690	-24.053	54.743	AVERAGE
2		0.307	0.200	18.890	19.090	-32.424	51.514	AVERAGE
3		0.634	0.210	6.120	6.330	-39.670	46.000	AVERAGE
4		1.478	0.220	4.190	4.410	-41.590	46.000	AVERAGE
5		5.798	0.340	5.110	5.450	-44.550	50.000	AVERAGE
6		16.994	0.730	5.780	6.510	-43.490	50.000	AVERAGE

Note:

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

2.7. Test Photo

Test Mode ： Mode 1: Transmit
Description： Front View of Conducted Emission Test Setup

Test Mode ： Mode 1: Transmit
Description： Back View of Conducted Emission Test Setup

3. Radiated Emission

3.1. Test Equipment

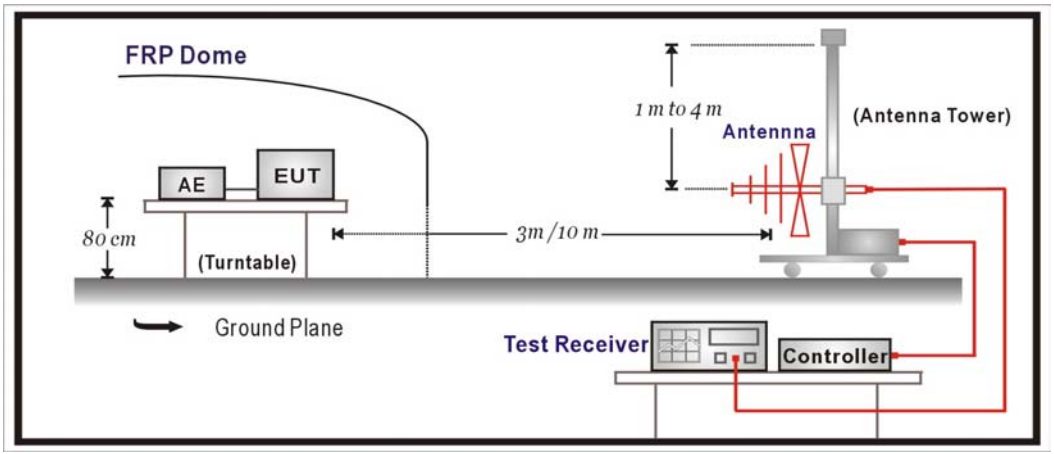
The following test equip

Item	Equipment		Manufacturer	Model No. / Serial No.	Last Cal.
1	X	Test Receiver	R & S	ESCS 30 / 825442/018	Jun., 2005
2	X	Spectrum Analyzer	Advantest	R3162 / 91700283	N/A
3	X	Pre-Amplifier	Advantest	BB525C / N/A	N/A
4	X	Bilog Antenna	Schaffner	CBL6112B / 2673	Sep., 2005
5	X	Spectrum Analyzer	R & S	FSP40 / 100005	Aug., 2005
6	X	Pre-Amplifier	HP	8449B / 3008A01123	Feb., 2006
7	X	Horn Antenna	Schwarzbeck	BBHA 9120D / BBHA9120D312	Jul., 2005
8	No.3 OATS				Sep., 2005

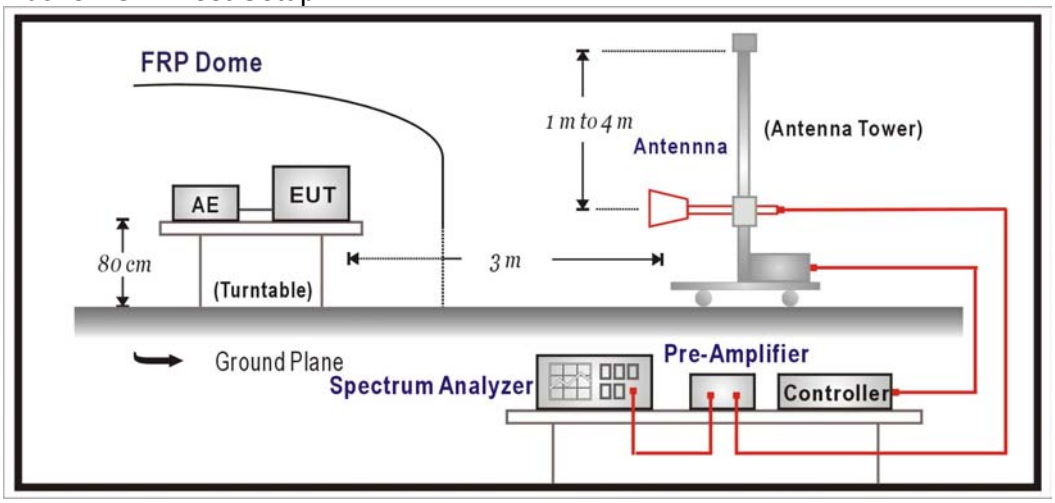
Note: 1. All equipments that need to calibrate are with calibration period of 1 year.
2. Mark “X” test instruments are used to measure the final test results.

3.2. Test Setup

Under 1GHz Test Setup:



Above 1GHz Test Setup:



3.3. Limits

➢ Fundamental and Harmonics Emission Limits

FCC Part 15 Subpart C Paragraph 15.249 Limits				
Fundamental Frequency MHz	Field Strength of Fundamental		Field Strength of Harmonics	
	mV/m	dBuV/m	uV/m	dBuV/m
902-928	50	94	500	54
2400-2483.5	50	94	500	54
5725-5875	50	94	500	54

Remarks : 1. RF Voltage (dBuV) = 20 log RF Voltage (uV)

2. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

3. The emission limit in this paragraph is based on measurement instrumentation employing an average detector.

➢ Spurious electric field strength limits

FCC Part 15 Subpart C Paragraph 15.209 Limits			
Frequency MHz	uV/m	dBuV/m	Measurement distance (meter)
1.705-30	30	29.5	30
30-88	100	40	3
88-216	150	43.5	3
216-960	200	46	3
Above 960	500	54	3

Remarks : 1. RF Voltage (dBuV) = 20 log RF Voltage (uV)

2. In the Above Table, the tighter limit applies at the band edges.

3. Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

3.4. Test Procedure

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 C63.4:2003 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

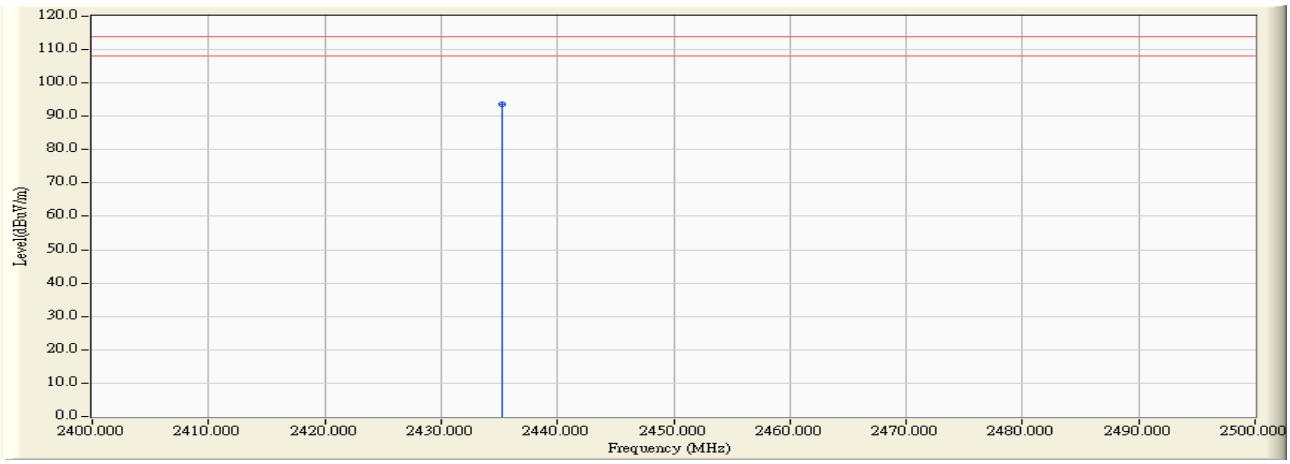
According to FCC Part 15 Subpart C Paragraph 15.209 and Paragraph 15.249: 2005

3.6. +-

3.7. Test Result

Fundamental：

Site : No.3 OATS	Time : 2006/05/29 - 17:50
Limit : FCC_SpartC_15.249_F_03M_PK	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - HORIZONTAL
Power : AC120V/60Hz	Note : CH1-2434MHz

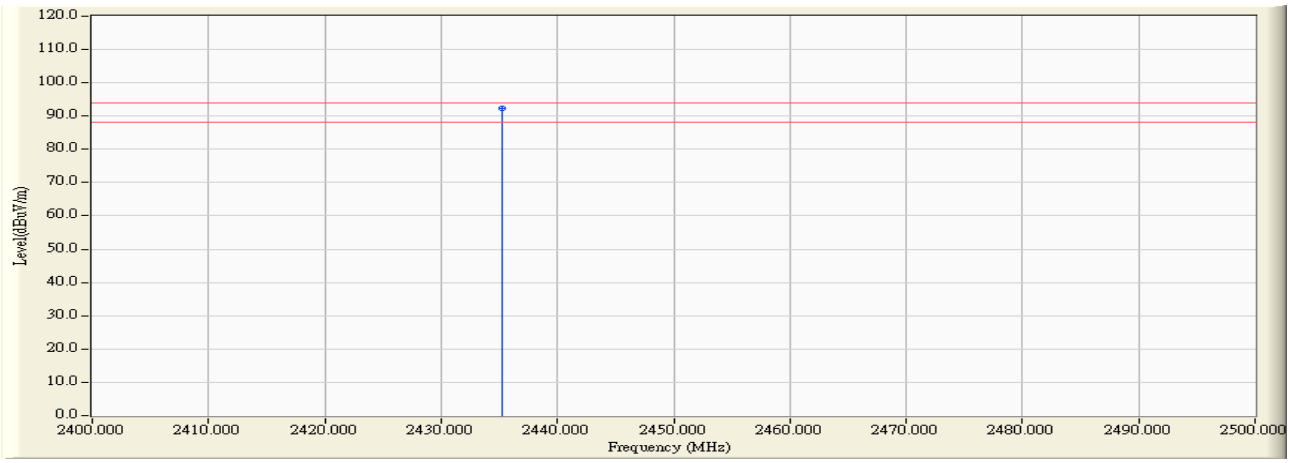


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	2435.240	28.545	65.180	93.726	-20.274	114.000	PEAK	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : No.3 OATS	Time : 2006/05/29 - 17:51
Limit : FCC_SpartC_15.249_F_03M_AV	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - HORIZONTAL
Power : AC120V/60Hz	Note : CH1-2434MHz

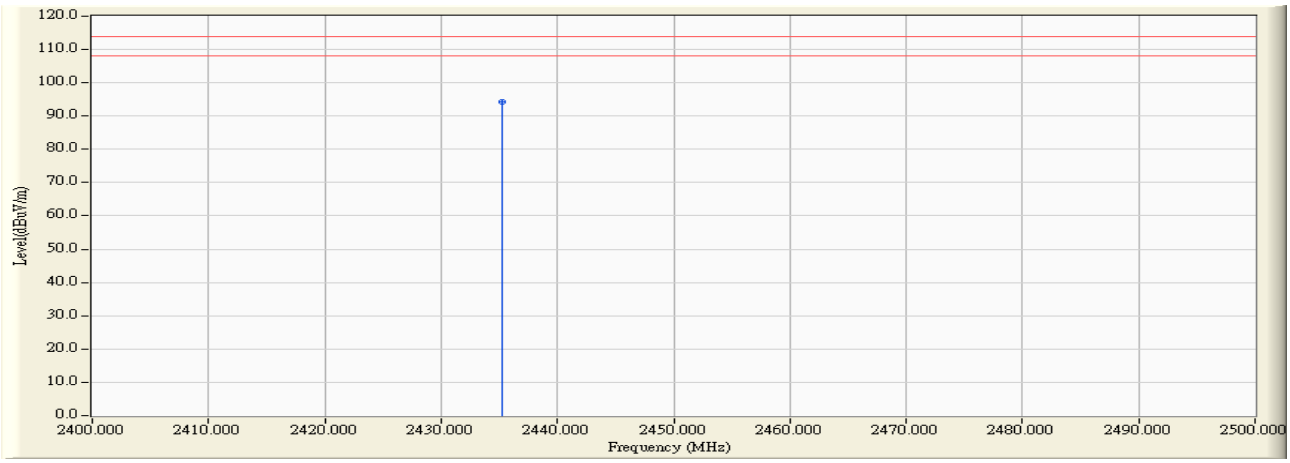


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	2435.290	28.546	63.890	92.436	-1.564	94.000	AVERAGE	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : No.3 OATS	Time : 2006/05/29 - 17:52
Limit : FCC_SpartC_15.249_F_03M_PK	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - VERTICAL
Power : AC120V/60Hz	Note : CH1-2434MHz

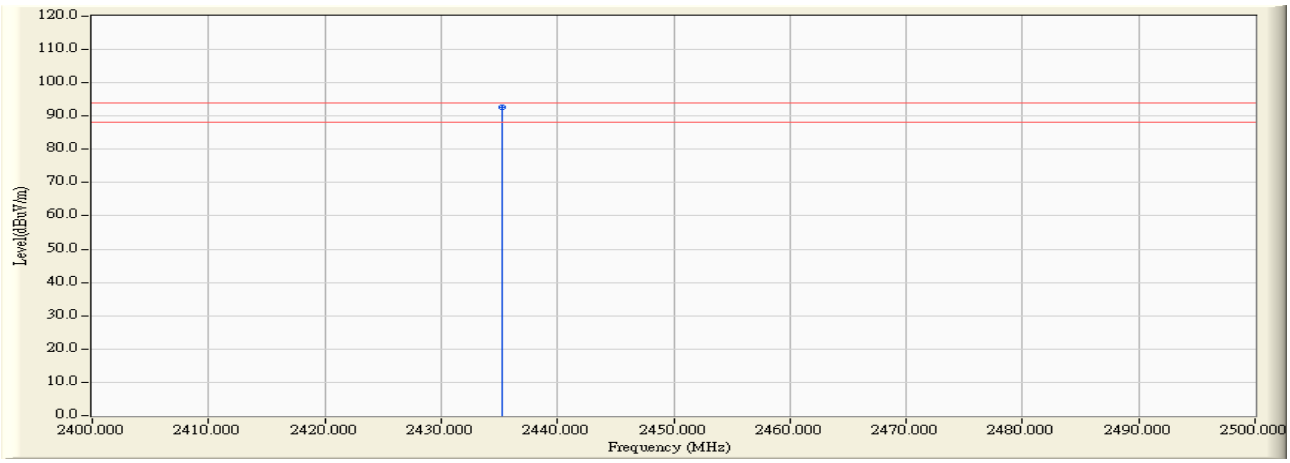


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	2435.240	26.945	67.330	94.276	-19.724	114.000	PEAK	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : No.3 OATS	Time : 2006/05/29 - 17:52
Limit : FCC_SpartC_15.249_F_03M_AV	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - VERTICAL
Power : AC120V/60Hz	Note : CH1-2434MHz

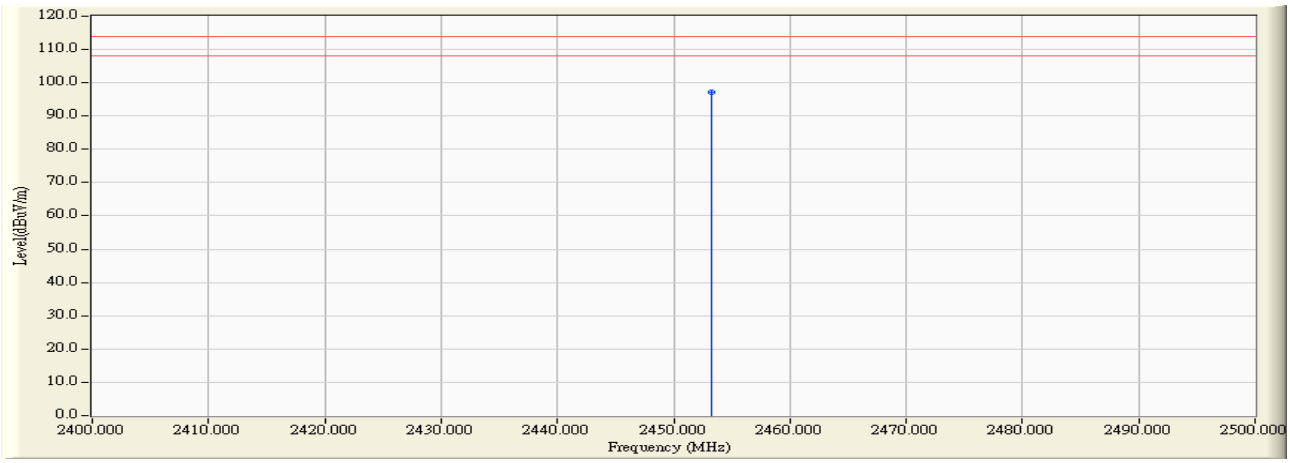


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	2435.240	26.945	65.670	92.616	-1.384	94.000	AVERAGE	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : No.3 OATS	Time : 2006/05/29 - 18:01
Limit : FCC_SpartC_15.249_F_03M_PK	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - HORIZONTAL
Power : AC120V/60Hz	Note : CH2-2453MHz

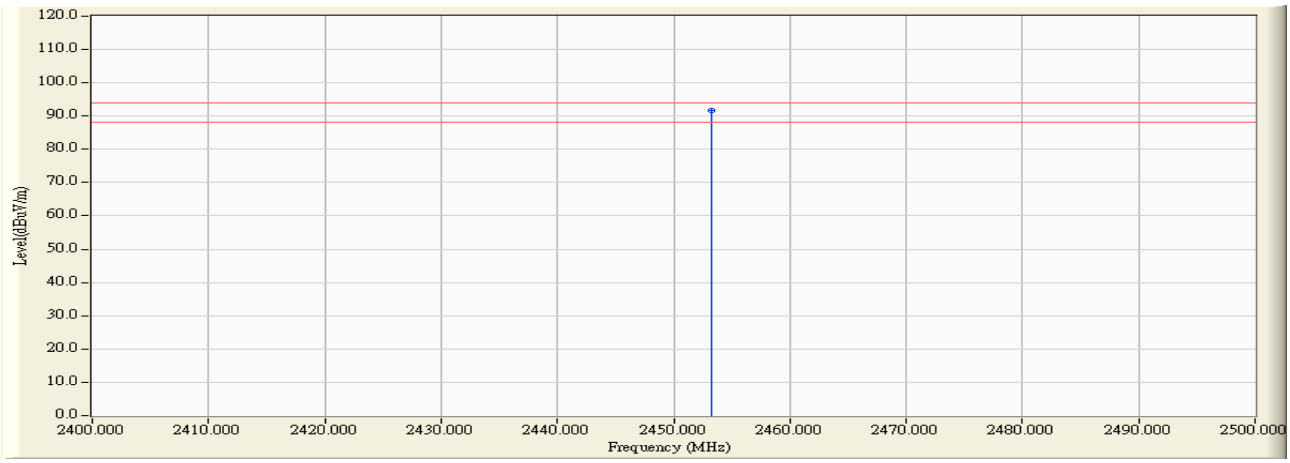


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	2453.200	28.606	68.410	97.016	-16.984	114.000	PEAK	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : No.3 OATS	Time : 2006/05/29 - 18:01
Limit : FCC_SpartC_15.249_F_03M_AV	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - HORIZONTAL
Power : AC120V/60Hz	Note : CH2-2453MHz

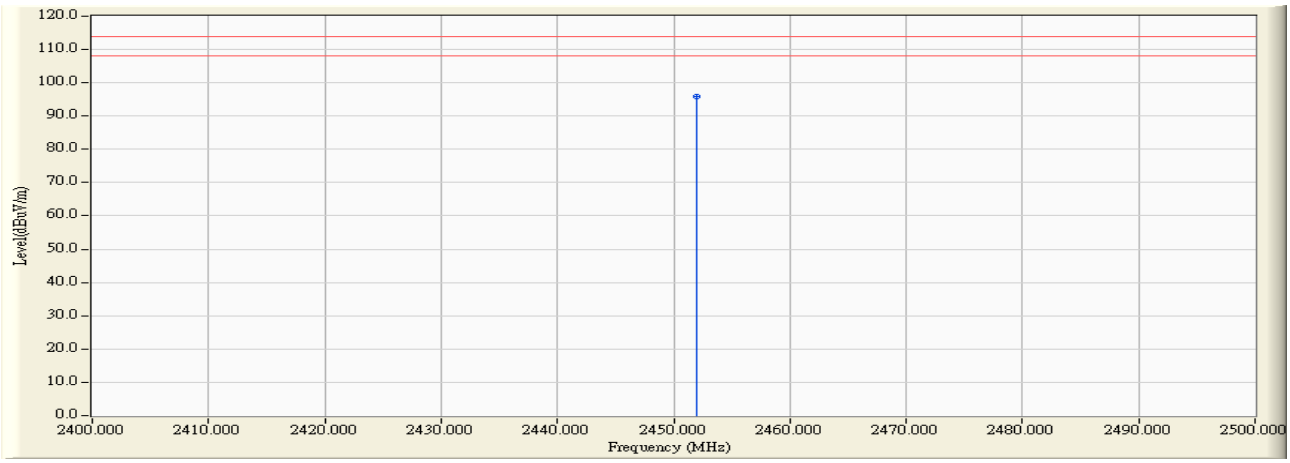


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	2453.280	28.606	63.120	91.727	-2.273	94.000	AVERAGE	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : No.3 OATS	Time : 2006/05/29 - 18:02
Limit : FCC_SpartC_15.249_F_03M_PK	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - VERTICAL
Power : AC120V/60Hz	Note : CH2-2453MHz

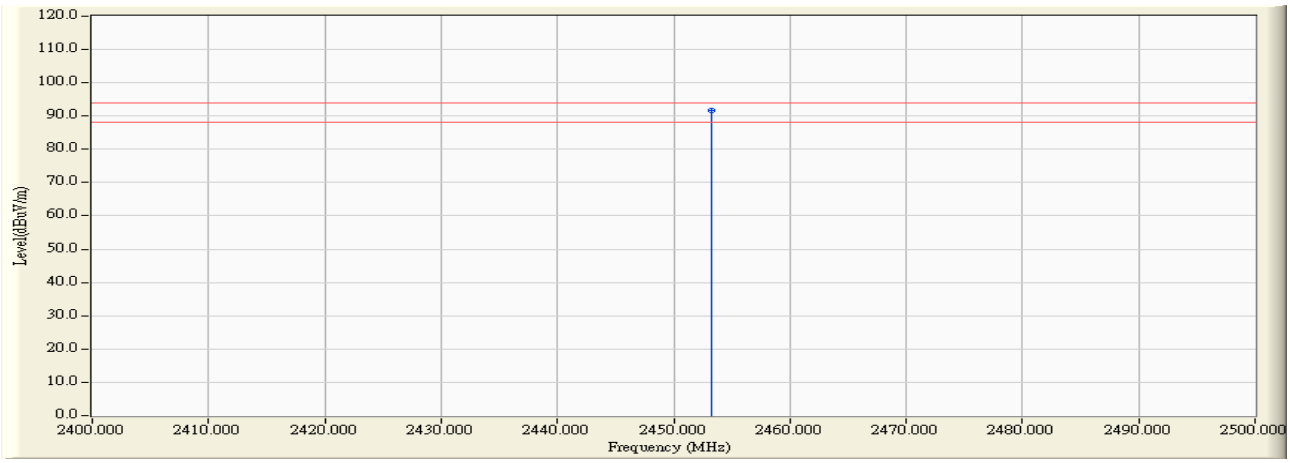


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	2452.040	27.003	68.910	95.912	-18.088	114.000	PEAK	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : No.3 OATS	Time : 2006/05/29 - 18:03
Limit : FCC_SpartC_15.249_F_03M_AV	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - VERTICAL
Power : AC120V/60Hz	Note : CH2-2453MHz

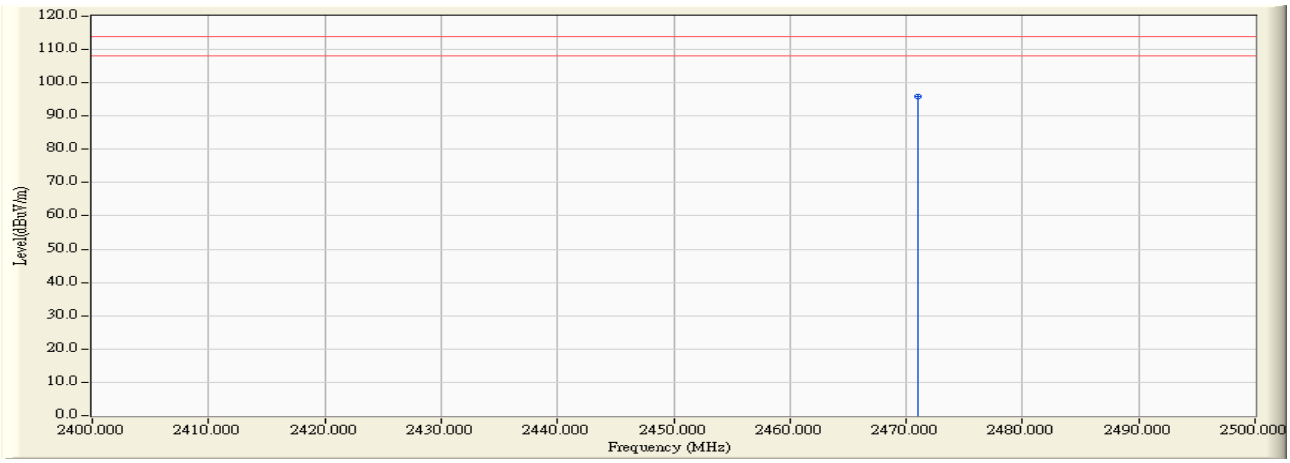


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	2453.240	27.006	64.690	91.696	-2.304	94.000	AVERAGE	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : No.3 OATS	Time : 2006/05/29 - 18:04
Limit : FCC_SpartC_15.249_F_03M_PK	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - HORIZONTAL
Power : AC120V/60Hz	Note : CH3-2472MHz

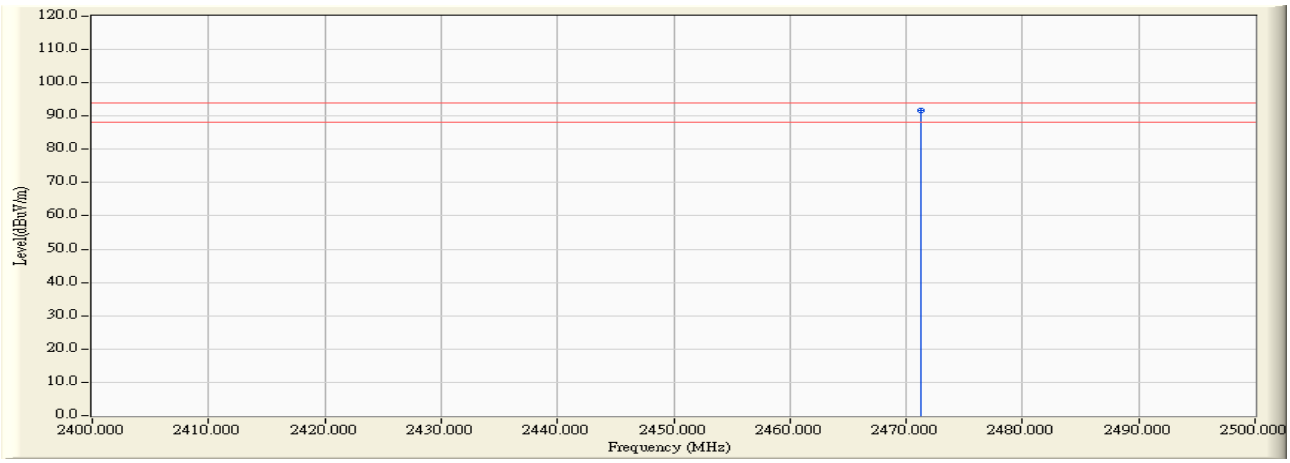


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	2471.000	28.664	67.270	95.935	-18.065	114.000	PEAK	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : No.3 OATS	Time : 2006/05/29 - 18:05
Limit : FCC_SpartC_15.249_F_03M_AV	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - HORIZONTAL
Power : AC120V/60Hz	Note : CH3-2472MHz

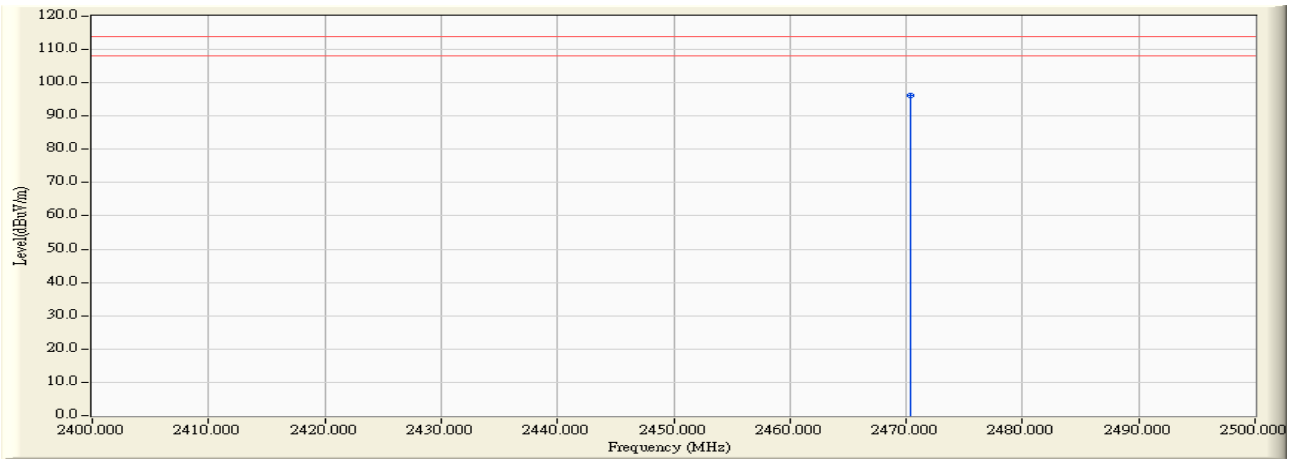


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	2471.320	28.666	63.070	91.736	-2.264	94.000	AVERAGE	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : No.3 OATS	Time : 2006/05/29 - 18:05
Limit : FCC_SpartC_15.249_F_03M_PK	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - VERTICAL
Power : AC120V/60Hz	Note : CH3-2472MHz

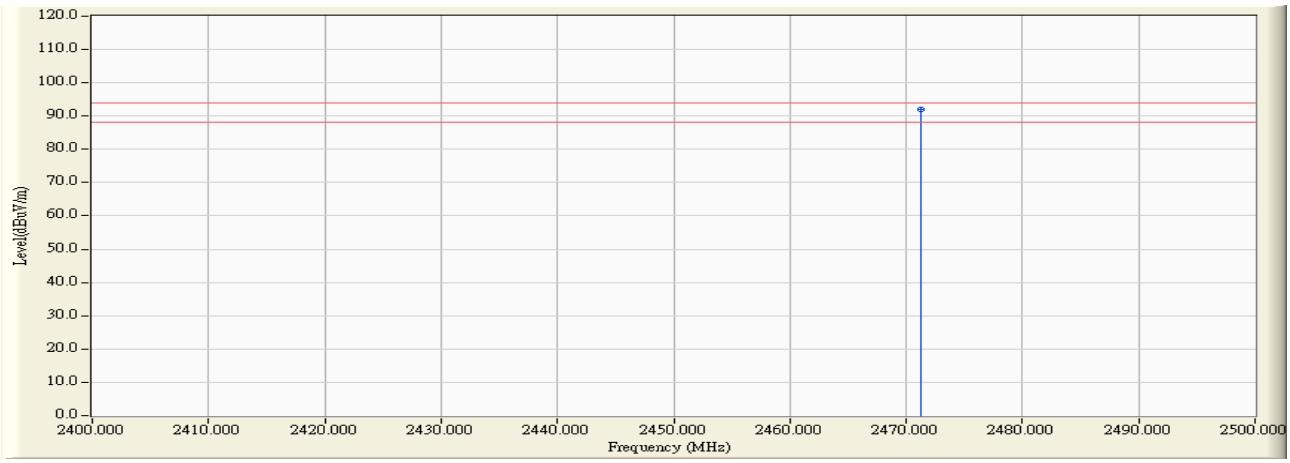


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	2470.360	27.063	69.020	96.083	-17.917	114.000	PEAK	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : No.3 OATS	Time : 2006/05/29 - 18:05
Limit : FCC_SpartC_15.249_F_03M_AV	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - VERTICAL
Power : AC120V/60Hz	Note : CH3-2472MHz



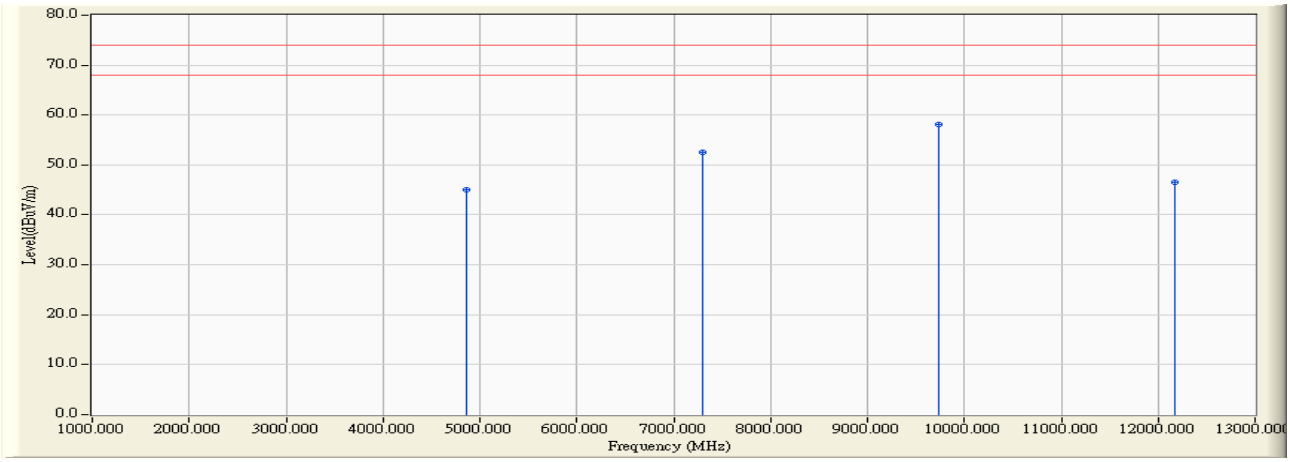
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	2471.280	27.066	64.790	91.856	-2.144	94.000	AVERAGE	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Spurious and Harmonics Emission：

Site : No.3 OATS	Time : 2006/05/29 - 17:33
Limit : FCC_SpartC_15.249_H_03M_PK	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - HORIZONTAL
Power : AC120V/60Hz	Note : CH1-2434MHz

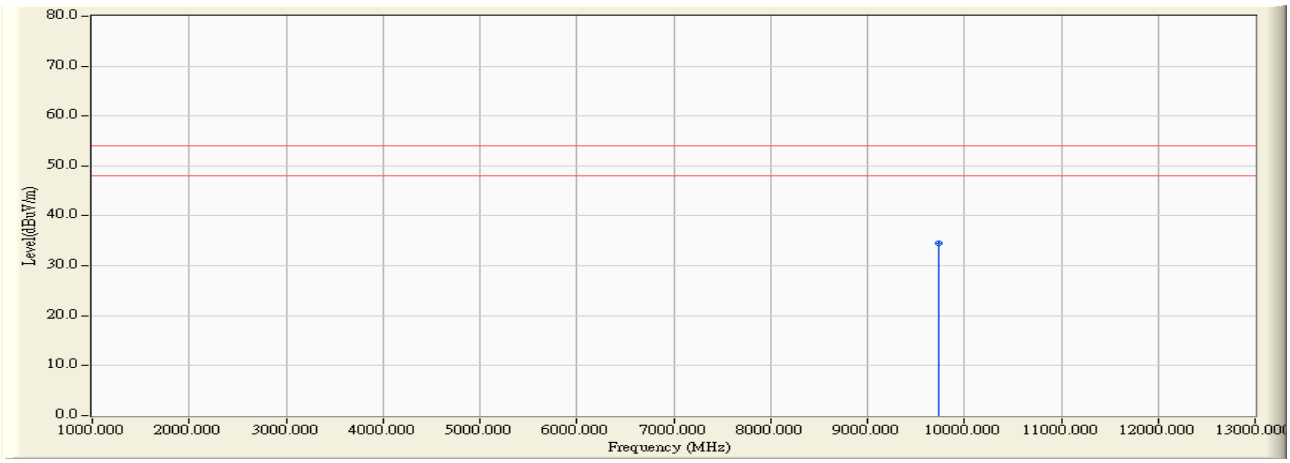


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		4869.550	2.983	42.110	45.093	-28.877	73.970	PEAK	0.000	0.000
2		7306.300	8.511	44.110	52.621	-21.349	73.970	PEAK	0.000	0.000
3	*	9739.240	11.600	46.580	58.179	-15.791	73.970	PEAK	0.000	0.000
4		12172.050	17.391	29.060	46.451	-27.519	73.970	PEAK	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : No.3 OATS	Time : 2006/05/29 - 17:34
Limit : FCC_SpartC_15.249_H_03M_AV	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - HORIZONTAL
Power : AC120V/60Hz	Note : CH1-2434MHz

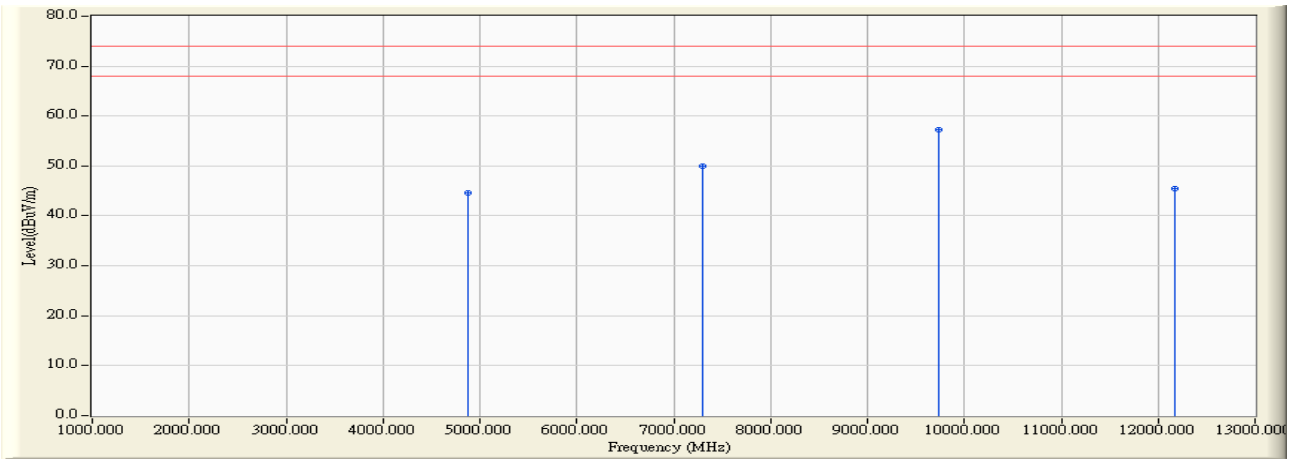


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	9740.400	11.600	22.990	34.590	-19.380	53.970	AVERAGE	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : No.3 OATS	Time : 2006/05/29 - 17:36
Limit : FCC_SpartC_15.249_H_03M_PK	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - VERTICAL
Power : AC120V/60Hz	Note : CH1-2434MHz

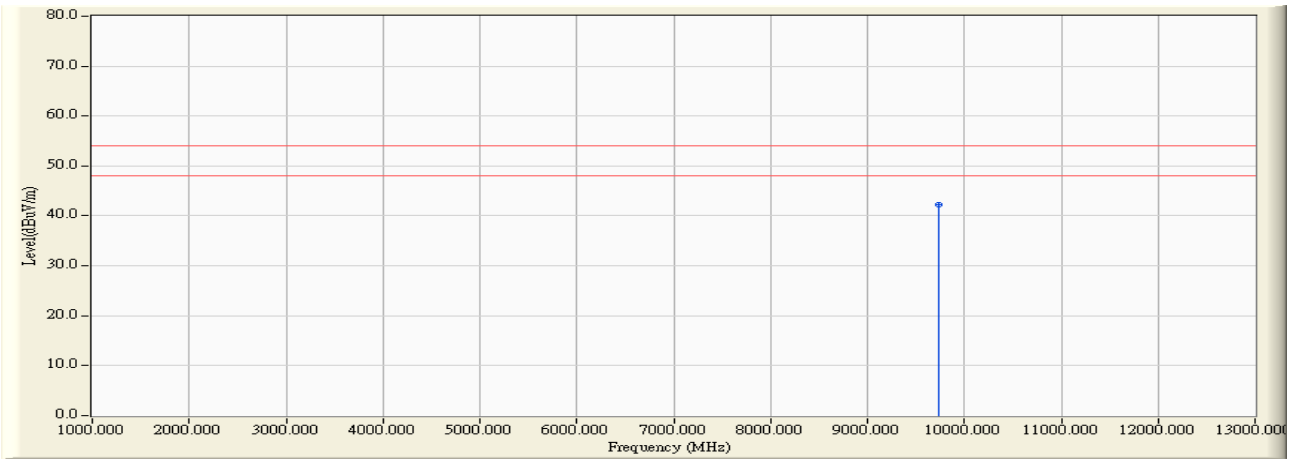


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		4870.340	1.327	43.320	44.647	-29.323	73.970	PEAK	0.000	0.000
2		7304.700	8.499	41.560	50.059	-23.911	73.970	PEAK	0.000	0.000
3	*	9740.090	13.599	43.590	57.190	-16.780	73.970	PEAK	0.000	0.000
4		12175.960	17.628	27.830	45.458	-28.512	73.970	PEAK	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : No.3 OATS	Time : 2006/05/29 - 17:37
Limit : FCC_SpartC_15.249_H_03M_AV	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - VERTICAL
Power : AC120V/60Hz	Note : CH1-2434MHz

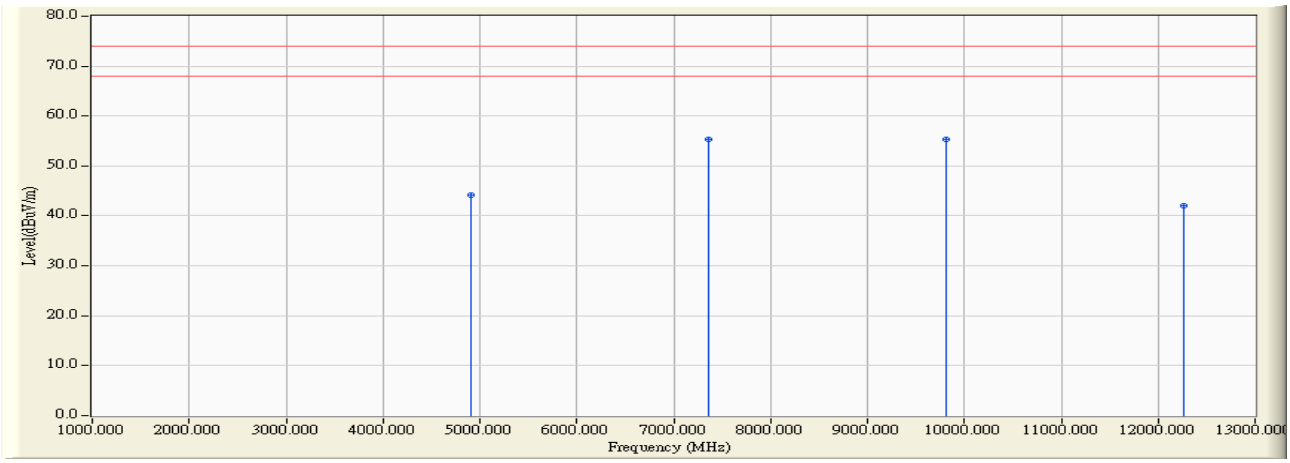


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	9740.960	13.601	28.700	42.301	-11.669	53.970	AVERAGE	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : No.3 OATS	Time : 2006/05/29 - 17:40
Limit : FCC_SpartC_15.249_H_03M_PK	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - HORIZONTAL
Power : AC120V/60Hz	Note : CH2-2453MHz

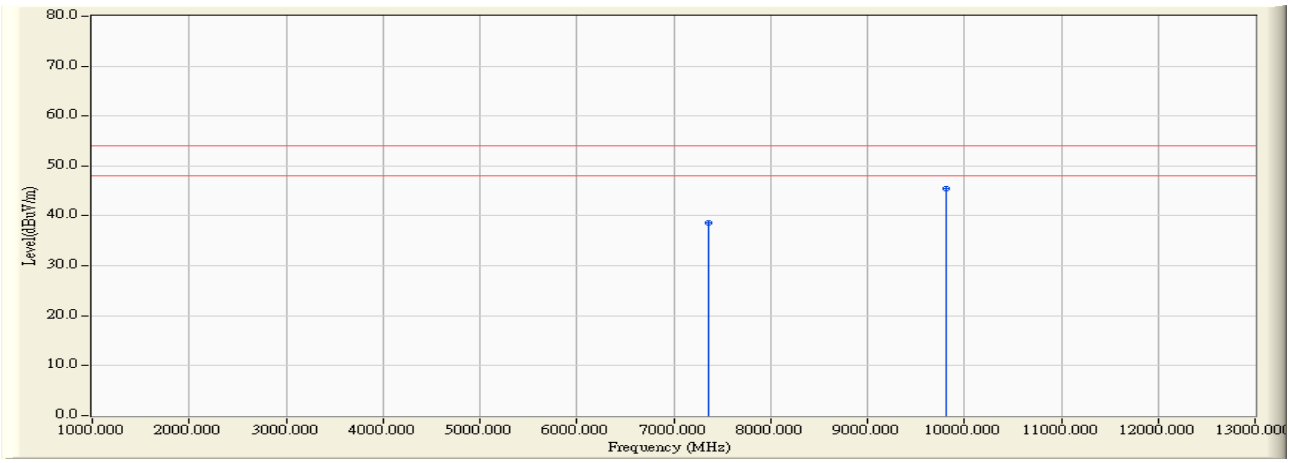


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		4906.020	3.145	40.950	44.095	-29.875	73.970	PEAK	0.000	0.000
2	*	7358.700	8.928	46.370	55.298	-18.672	73.970	PEAK	0.000	0.000
3		9813.800	11.769	43.460	55.230	-18.740	73.970	PEAK	0.000	0.000
4		12266.300	7.424	34.680	42.104	-31.866	73.970	PEAK	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : No.3 OATS	Time : 2006/05/29 - 17:41
Limit : FCC_SpartC_15.249_H_03M_AV	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - HORIZONTAL
Power : AC120V/60Hz	Note : CH2-2453MHz

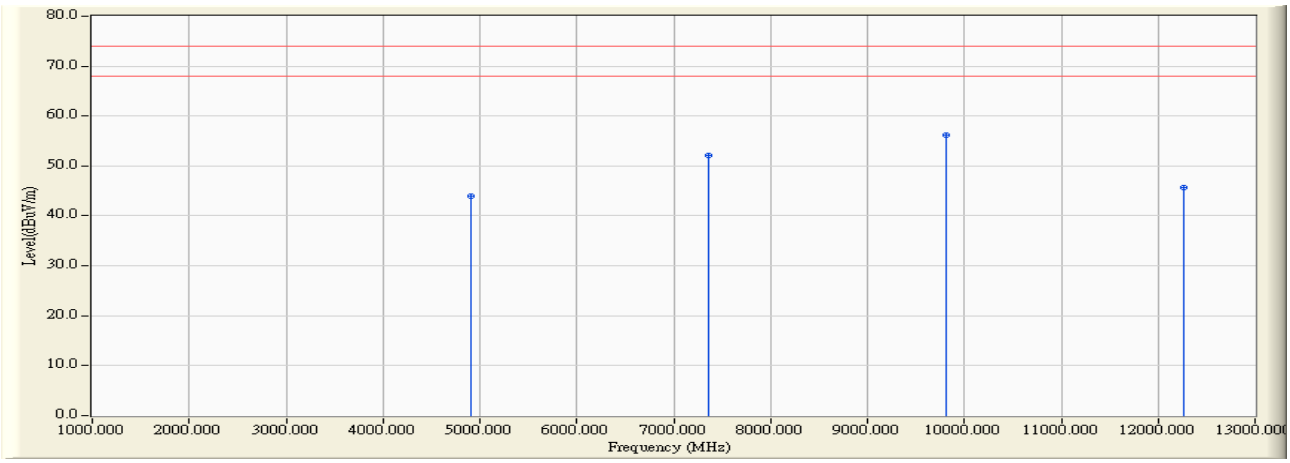


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		7359.840	8.936	29.710	38.647	-15.323	53.970	AVERAGE	0.000	0.000
2	*	9813.330	11.766	33.690	45.456	-8.514	53.970	AVERAGE	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : No.3 OATS	Time : 2006/05/29 - 17:43
Limit : FCC_SpartC_15.249_H_03M_PK	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - VERTICAL
Power : AC120V/60Hz	Note : CH2-2453MHz

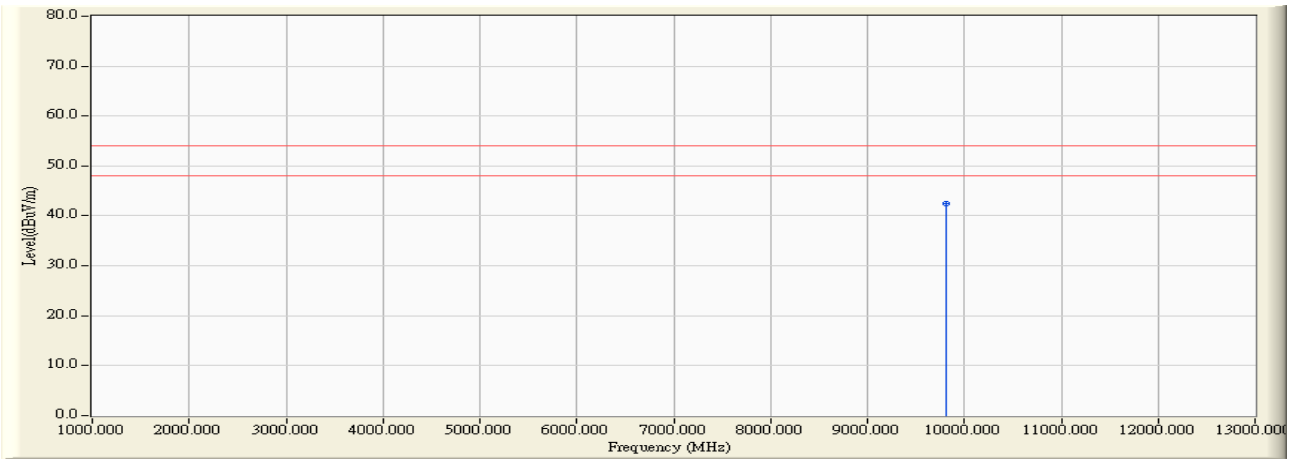


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		4906.500	1.558	42.340	43.899	-30.071	73.970	PEAK	0.000	0.000
2		7359.100	8.931	43.130	52.061	-21.909	73.970	PEAK	0.000	0.000
3	*	9812.250	13.635	42.480	56.115	-17.855	73.970	PEAK	0.000	0.000
4		12266.230	16.632	28.960	45.592	-28.378	73.970	PEAK	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : No.3 OATS	Time : 2006/05/29 - 17:43
Limit : FCC_SpartC_15.249_H_03M_AV	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - VERTICAL
Power : AC120V/60Hz	Note : CH2-2453MHz

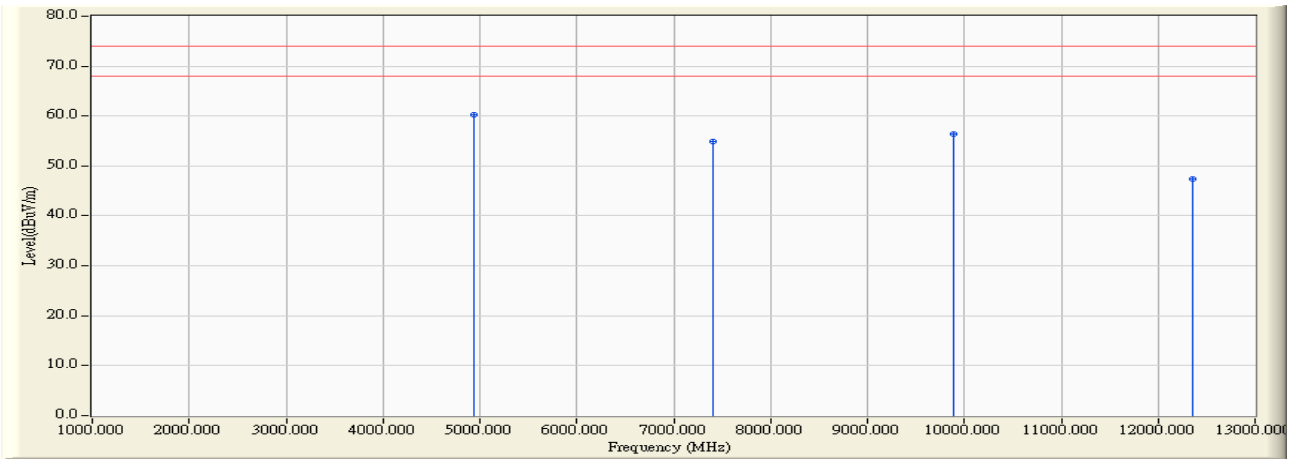


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	9813.030	13.633	28.760	42.393	-11.577	53.970	AVERAGE	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : No.3 OATS	Time : 2006/05/29 - 17:45
Limit : FCC_SpartC_15.249_H_03M_PK	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - HORIZONTAL
Power : AC120V/60Hz	Note : CH3-2472MHz

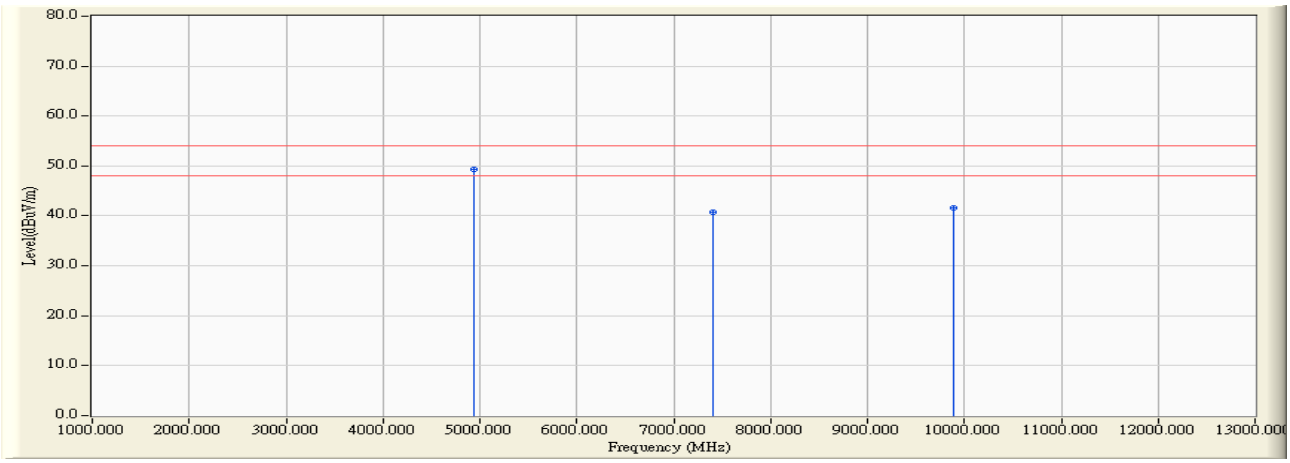


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	4943.600	3.308	56.950	60.257	-13.713	73.970	PEAK	0.000	0.000
2		7412.300	9.223	45.660	54.882	-19.088	73.970	PEAK	0.000	0.000
3		9883.900	12.363	44.100	56.463	-17.507	73.970	PEAK	0.000	0.000
4		12360.600	12.708	34.730	47.438	-26.532	73.970	PEAK	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : No.3 OATS	Time : 2006/05/29 - 17:46
Limit : FCC_SpartC_15.249_H_03M_AV	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - HORIZONTAL
Power : AC120V/60Hz	Note : CH3-2472MHz

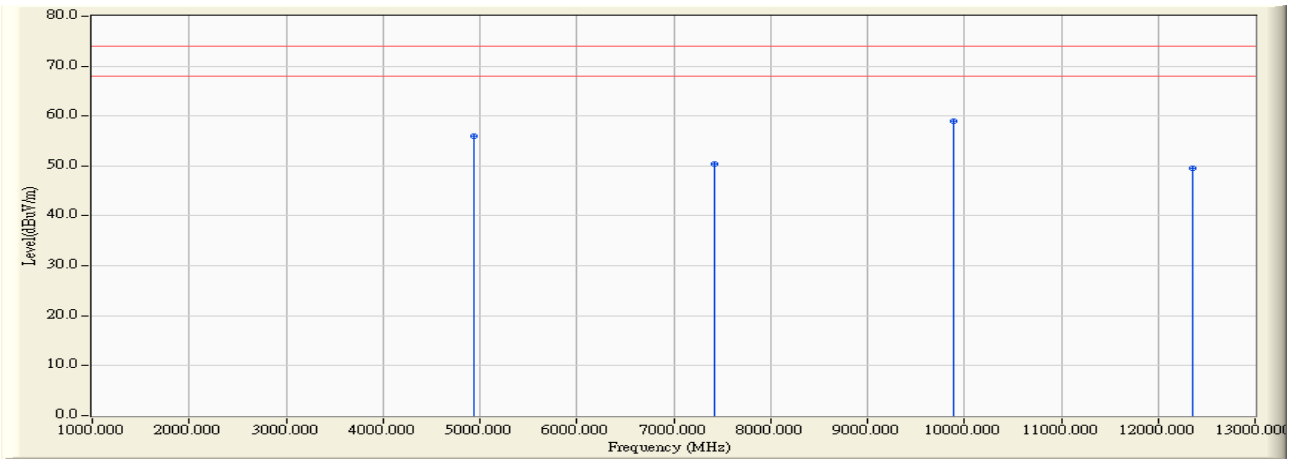


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	4942.600	3.303	45.980	49.283	-4.687	53.970	AVERAGE	0.000	0.000
2		7413.600	9.223	31.580	40.804	-13.166	53.970	AVERAGE	0.000	0.000
3		9883.120	12.356	29.340	41.696	-12.274	53.970	AVERAGE	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : No.3 OATS	Time : 2006/05/29 - 17:46
Limit : FCC_SpartC_15.249_H_03M_PK	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - VERTICAL
Power : AC120V/60Hz	Note : CH3-2472MHz

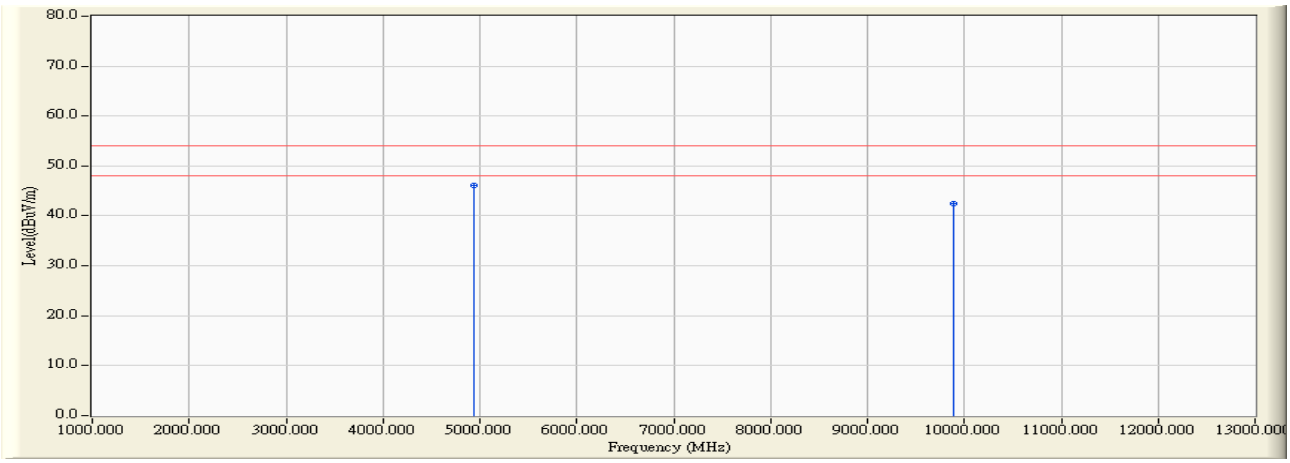


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		4944.200	1.800	54.100	55.900	-18.070	73.970	QUASIPEAK	0.000	0.000
2		7414.500	9.224	41.110	50.334	-23.636	73.970	QUASIPEAK	0.000	0.000
3	*	9886.960	13.520	45.360	58.880	-15.090	73.970	QUASIPEAK	0.000	0.000
4		12355.000	14.771	34.730	49.502	-24.468	73.970	QUASIPEAK	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

Site : No.3 OATS	Time : 2006/05/29 - 17:46
Limit : FCC_SpartC_15.249_H_03M_AV	Margin : 6
EUT : Wireless color camera	Probe : RF_1G-18G(2005-3) - VERTICAL
Power : AC120V/60Hz	Note : CH3-2472MHz



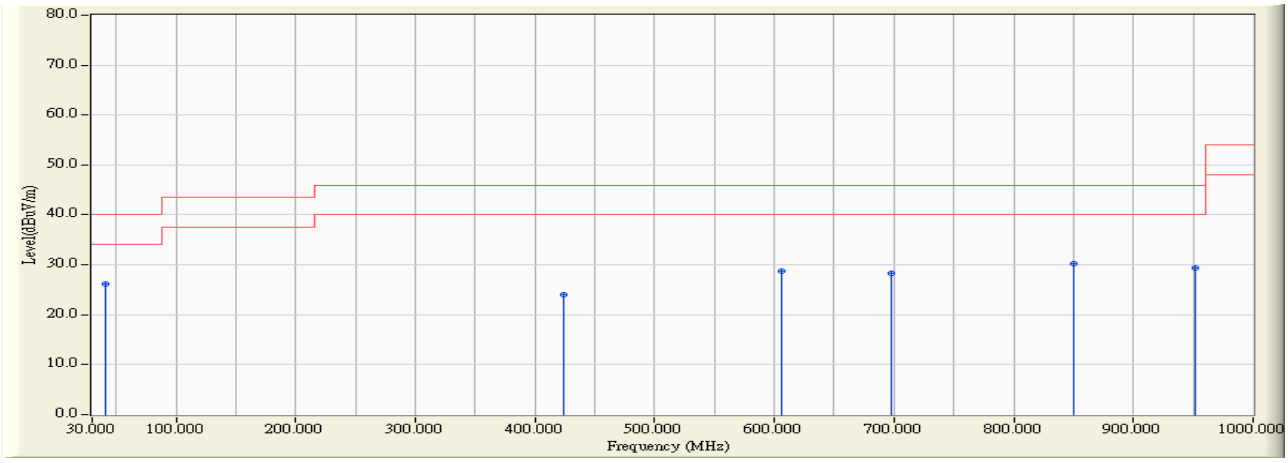
		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	4942.480	1.789	44.310	46.099	-7.871	53.970	AVERAGE	0.000	0.000
2		9884.360	13.524	29.050	42.573	-11.397	53.970	AVERAGE	0.000	0.000

Note:

1. All Readings below 1GHz are Quasi-Peak, above are performed with peak and/or average measurements as necessary.
2. " * ", means this data is the worst emission level.
3. Measurement Level = Reading Level + Correct Factor

30 MHz-1 GHz Spurious:

Site : No.3 OATS	Time : 2006/05/30 - 13:23
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : Wireless Color Camera	Probe : ITE_30-1G(2005) - HORIZONTAL
Power : AC 120V/60Hz	Note : CH1-2434MHz

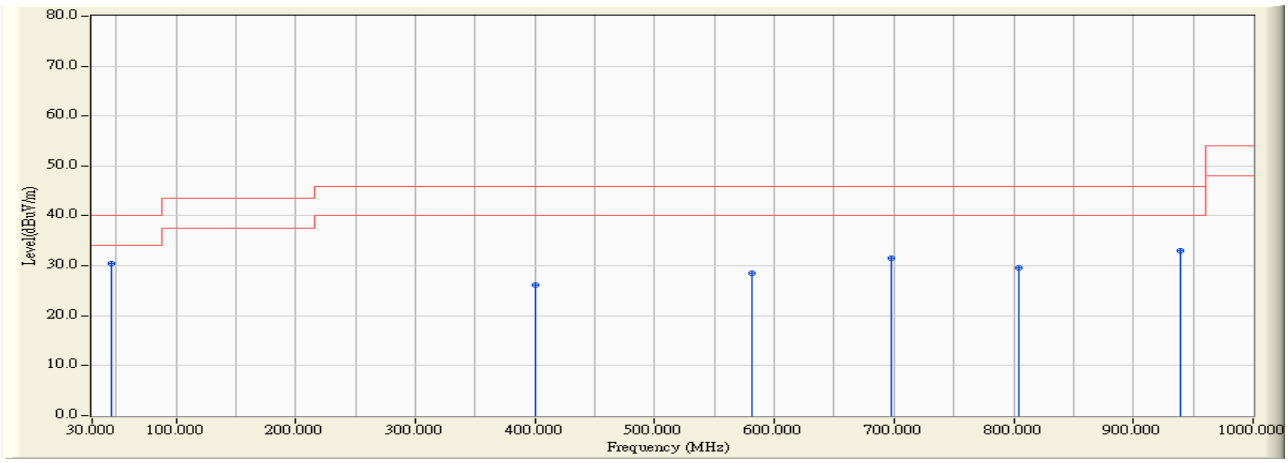


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	41.640	-7.052	33.243	26.191	-13.809	40.000	QUASIPEAK	0.000	0.000
2		423.820	1.909	22.079	23.988	-22.012	46.000	QUASIPEAK	0.000	0.000
3		606.180	6.646	22.165	28.811	-17.189	46.000	QUASIPEAK	0.000	0.000
4		697.360	1.340	27.070	28.410	-17.590	46.000	QUASIPEAK	0.000	0.000
5		850.620	7.673	22.642	30.315	-15.685	46.000	QUASIPEAK	0.000	0.000
6		951.500	6.960	22.527	29.487	-16.513	46.000	QUASIPEAK	0.000	0.000

Note:

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

Site : No.3 OATS	Time : 2006/05/30 - 13:24
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : Wireless Color Camera	Probe : ITE_30-1G(2005) - VERTICAL
Power : AC 120V/60Hz	Note : CH1-2434MHz

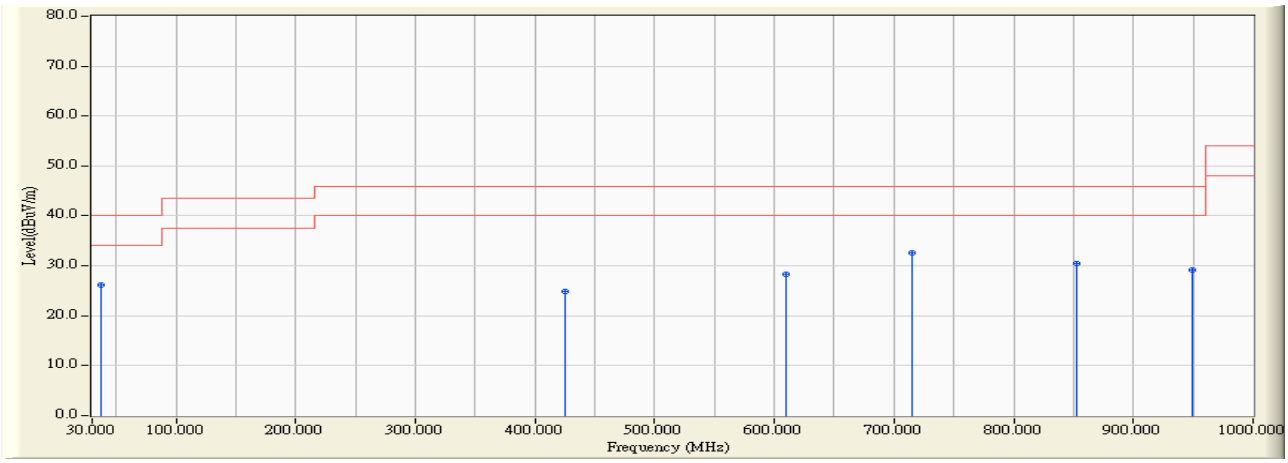


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	45.520	6.074	24.396	30.470	-9.530	40.000	QUASIPEAK	0.000	0.000
2		400.540	3.503	22.747	26.250	-19.750	46.000	QUASIPEAK	0.000	0.000
3		580.960	6.210	22.291	28.501	-17.499	46.000	QUASIPEAK	0.000	0.000
4		697.360	2.270	29.334	31.604	-14.396	46.000	QUASIPEAK	0.000	0.000
5		804.060	6.890	22.661	29.551	-16.449	46.000	QUASIPEAK	0.000	0.000
6		939.860	10.595	22.532	33.127	-12.873	46.000	QUASIPEAK	0.000	0.000

Note:

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

Site : No.3 OATS	Time : 2006/05/30 - 13:30
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : Wireless Color Camera	Probe : ITE_30-1G(2005) - HORIZONTAL
Power : AC 120V/60Hz	Note : CH2 2453MHz

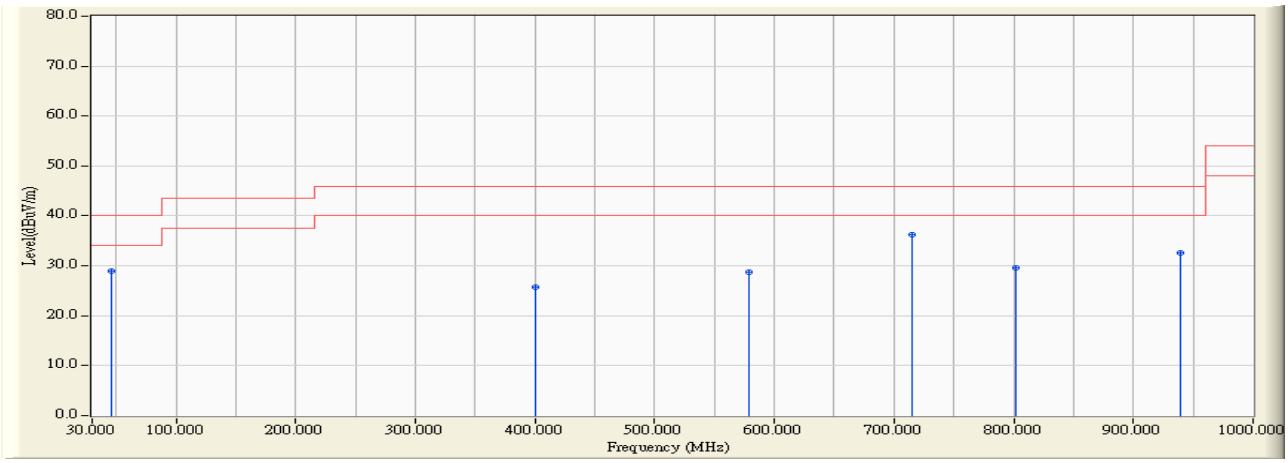


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		37.760	-5.248	31.484	26.236	-13.764	40.000	QUASIPEAK	0.000	0.000
2		425.760	1.652	23.146	24.798	-21.202	46.000	QUASIPEAK	0.000	0.000
3		610.060	6.825	21.400	28.225	-17.775	46.000	QUASIPEAK	0.000	0.000
4	*	714.820	4.152	28.349	32.501	-13.499	46.000	QUASIPEAK	0.000	0.000
5		852.560	7.993	22.564	30.557	-15.443	46.000	QUASIPEAK	0.000	0.000
6		949.560	7.082	22.120	29.202	-16.798	46.000	QUASIPEAK	0.000	0.000

Note:

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

Site : No.3 OATS	Time : 2006/05/30 - 13:38
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : Wireless Color Camera	Probe : ITE_30-1G(2005) - VERTICAL
Power : AC 120V/60Hz	Note : CH2 2453MHz

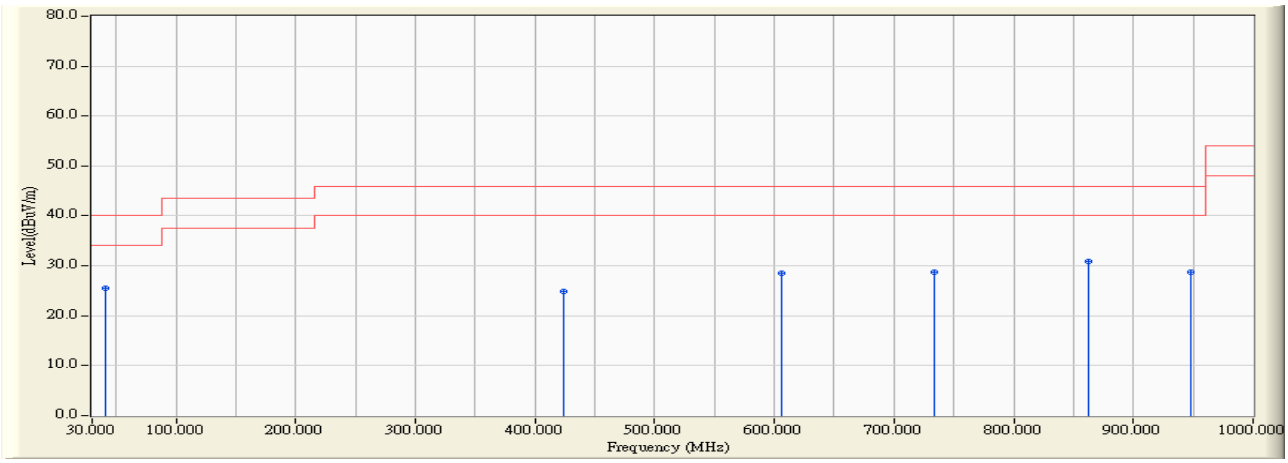


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		45.520	6.074	22.899	28.973	-11.027	40.000	QUASIPEAK	0.000	0.000
2		400.540	3.503	22.276	25.779	-20.221	46.000	QUASIPEAK	0.000	0.000
3		579.020	7.127	21.606	28.733	-17.267	46.000	QUASIPEAK	0.000	0.000
4	*	714.820	3.172	33.161	36.333	-9.667	46.000	QUASIPEAK	0.000	0.000
5		802.120	7.021	22.539	29.560	-16.440	46.000	QUASIPEAK	0.000	0.000
6		939.860	10.595	21.903	32.498	-13.502	46.000	QUASIPEAK	0.000	0.000

Note:

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

Site : No.3 OATS	Time : 2006/05/30 - 13:40
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : Wireless Color Camera	Probe : ITE_30-1G(2005) - HORIZONTAL
Power : AC 120V/60Hz	Note : CH3-2472MHz

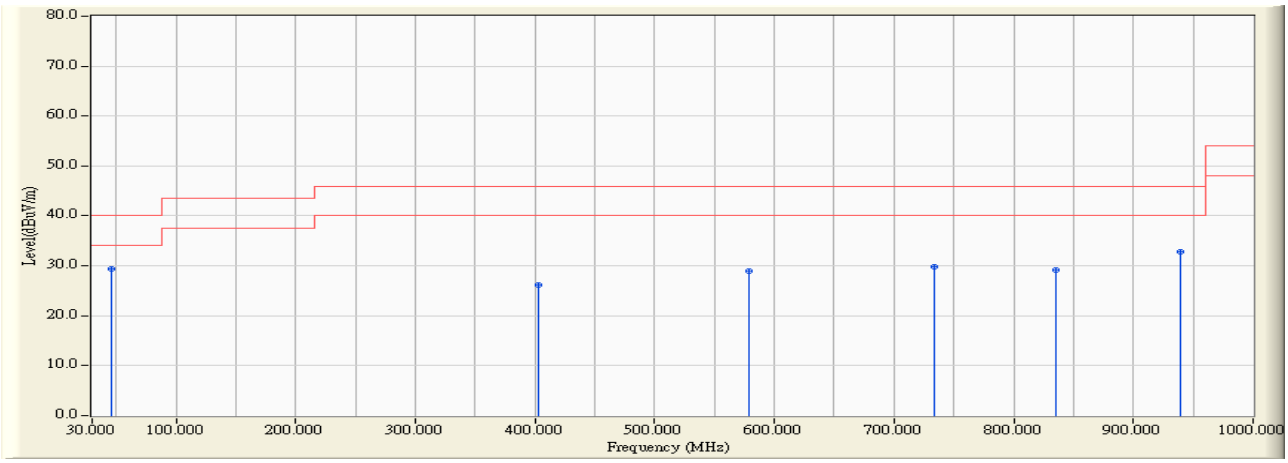


		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1	*	41.640	-7.052	32.512	25.460	-14.540	40.000	QUASIPEAK	0.000	0.000
2		423.820	1.909	23.004	24.913	-21.087	46.000	QUASIPEAK	0.000	0.000
3		606.180	6.646	21.889	28.535	-17.465	46.000	QUASIPEAK	0.000	0.000
4		734.220	3.211	25.467	28.678	-17.322	46.000	QUASIPEAK	0.000	0.000
5		862.260	7.934	22.978	30.912	-15.088	46.000	QUASIPEAK	0.000	0.000
6		947.620	6.824	22.018	28.842	-17.158	46.000	QUASIPEAK	0.000	0.000

Note:

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

Site : No.3 OATS	Time : 2006/05/30 - 13:43
Limit : FCC_CLASS_B_03M_QP	Margin : 6
EUT : Wireless Color Camera	Probe : ITE_30-1G(2005) - VERTICAL
Power : AC 120V/60Hz	Note : CH3-2472MHz



		Frequency (MHz)	Correct Factor (dB)	Reading Level (dBuV)	Measure Level (dBuV/m)	Margin (dB)	Limit (dBuV/m)	Detector Type	Ant Pos (cm)	Table Pos (deg)
1		0.000	-19.270	48.311	29.041	-10.959	40.000	QUASIPEAK	0.000	0.000
2	*	45.520	6.074	23.273	29.347	-10.653	40.000	QUASIPEAK	0.000	0.000
3		402.480	3.389	22.870	26.259	-19.741	46.000	QUASIPEAK	0.000	0.000
4		579.020	7.127	21.914	29.041	-16.959	46.000	QUASIPEAK	0.000	0.000
5		734.220	3.811	26.053	29.864	-16.136	46.000	QUASIPEAK	0.000	0.000
6		835.100	6.079	23.051	29.130	-16.870	46.000	QUASIPEAK	0.000	0.000
7		939.860	10.595	22.312	32.907	-13.093	46.000	QUASIPEAK	0.000	0.000

Note:

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

4. Band Edge

4.1. Test Equipment

The following test equipment are used during the test:

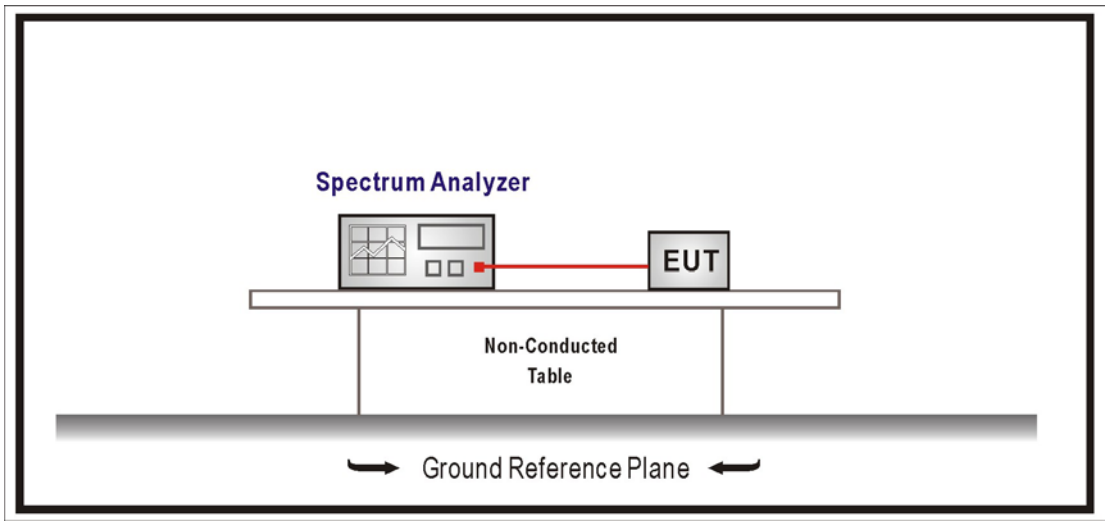
RF Conducted Measurement:					
Item	Equipment		Manufacturer	Model No. / Serial No.	Last Cal.
1	Spectrum Analyzer		R & S	FSP / 100561	Mar., 2006
2	No.1 OATS				Sep., 2005
RF Radiated Measurement:					
Item		Equipment	Manufacturer	Model No. / Serial No.	Last Cal.
1	X	Spectrum Analyzer	R & S	FSP40 / 100005	Aug., 2005
2	X	Pre-Amplifier	HP	8449B / 3008A01123	Feb., 2006
3		Loop Antenna	R & S	HFH2-Z2 / 833799/004	Sep., 2005
4		BiconiLog Antenna	Schwarzbeck	VULB 9166 / 1061	Sep., 2005
5		Bilog Antenna	Chase	CBL6112B / 2455	Sep., 2005
6	X	Horn Antenna	Schwarzbeck	BBHA 9120D / BBHA9120D312	Sep., 2005
7	No.1 OATS				Sep., 2005

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

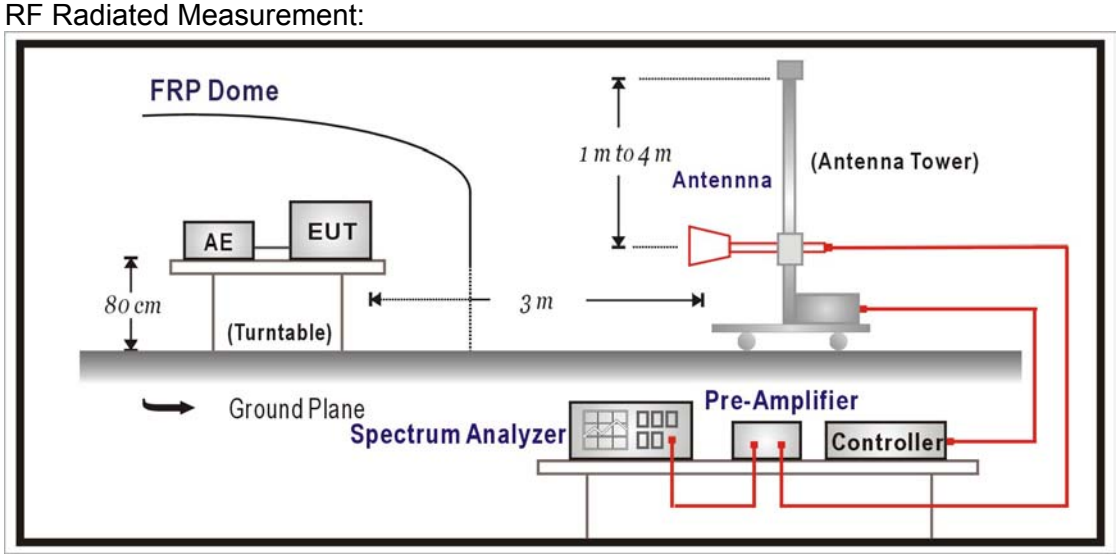
2. Mark “X” test instruments are used to measure the final test results.

4.2. Test Setup

RF Conducted Measurement:



RF Radiated Measurement:



4.3. Limits

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 50 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a) (see Section 15.205(c)).

4.4. Test Procedure

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 C63.4:2003 on radiated measurement.

The bandwidth below 1GHz setting on the field strength meter is 120 kHz, above 1GHz are 1 MHz.

4.5. Test Specification

According to FCC Part 15 Subpart C Paragraph 15.249: 2005

4.6. Test Result

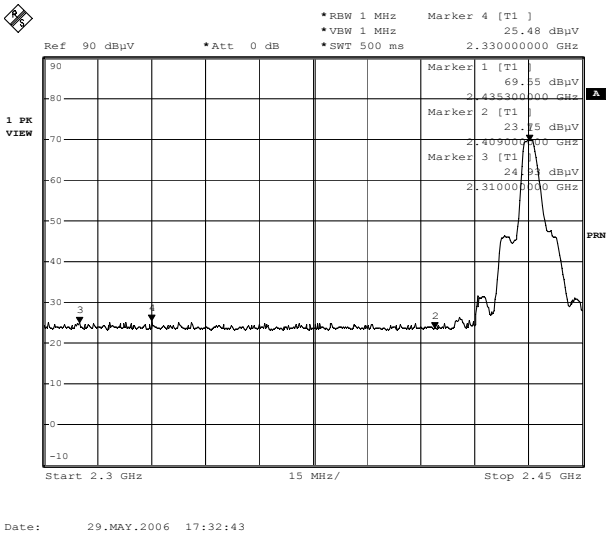
Product	Wireless color camera		
Test Item	Band Edge		
Test Mode	Mode 1: Transmit		
Date of Test	2006/05/29	Test Site	No.1 OATS

CH1-2434 MHz

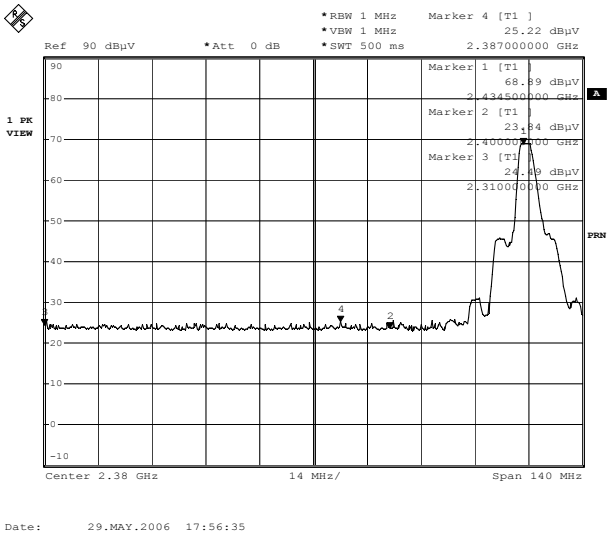
RF Radiated Measurement: (Peak Detector)

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Correct Factor (dB)	PreAMP (dB)	Measure Level (dBuV/m)	Limit (dBuV/m)	Result
Horizontal	2330.000	25.480	28.194	00.00	53.674	74.000	Pass
Vertical	2387.000	25.220	26.785	00.00	52.005	74.000	Pass

Horizontal



Vertical



Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

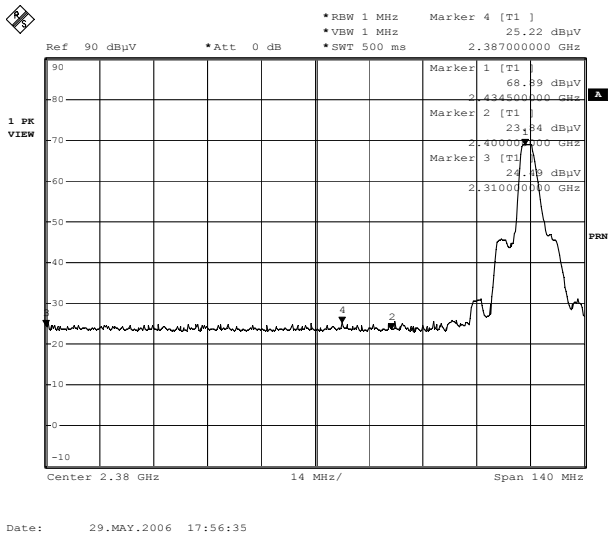
Product	Wireless color camera		
Test Item	Band Edge		
Test Mode	Mode 1: Transmit		
Date of Test	2006/05/29	Test Site	No.1 OATS

CH1-2434MHz

RF Radiated Measurement: (Average Detector)

Channel No.	Frequency (MHz)	Reading Level (dBuV)	Correct Factor (dB)	PreAMP (dB)	Measure Level (dBuV/m)	Limit (dBuV/m)	Result
Horizontal	2330.000	11.850	28.194	00.00	40.044	54.000	Pass

Horizontal



Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

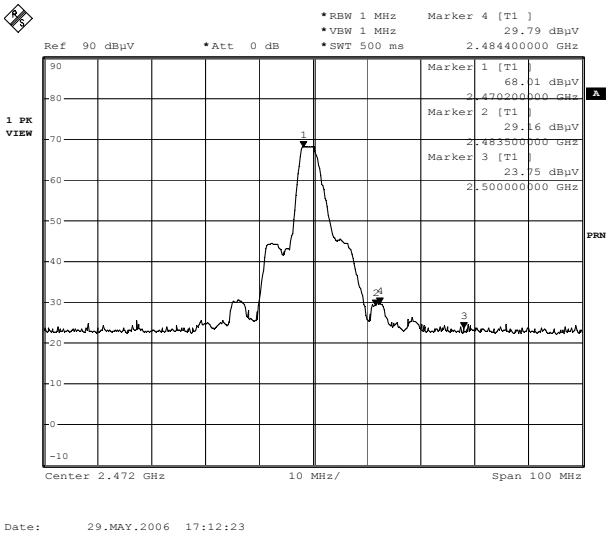
Product	Wireless color camera		
Test Item	Band Edge		
Test Mode	Mode 1: Transmit		
Date of Test	2006/05/29	Test Site	No.1 OATS

CH-3 2472 MHz

RF Radiated Measurement: (Peak Detector)

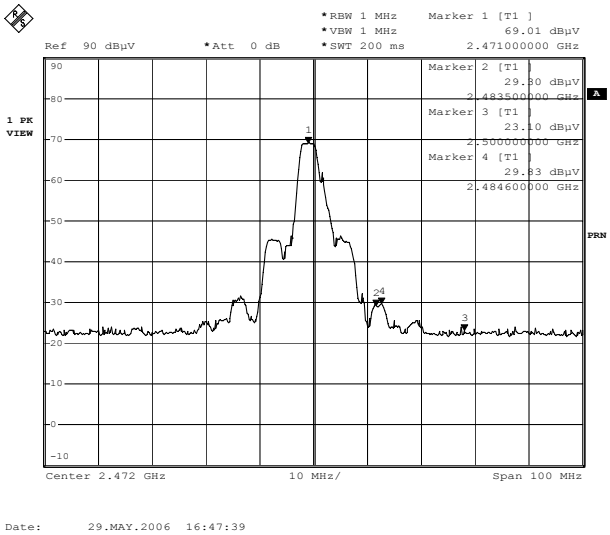
Channel No.	Frequency (MHz)	Reading Level (dBuV)	Correct Factor (dB)	PreAMP (dB)	Measure Level (dBuV/m)	Limit (dBuV/m)	Result
Horizontal	2484.400	29.700	28.715	00.00	58.504	74.000	Pass
Vertical	2484.600	29.830	27.115	00.00	56.945	74.000	Pass

Horizontal



Date: 29.MAY.2006 17:12:23

Vertical



Date: 29.MAY.2006 16:47:39

Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.

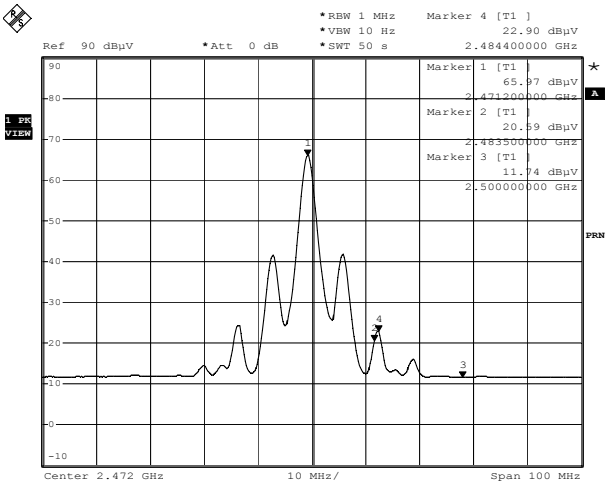
Product	Wireless color camera		
Test Item	Band Edge		
Test Mode	Mode 1: Transmit		
Date of Test	2006/05/29	Test Site	No.1 OATS

CH-3 2472 MHz

RF Radiated Measurement: (Average Detector)

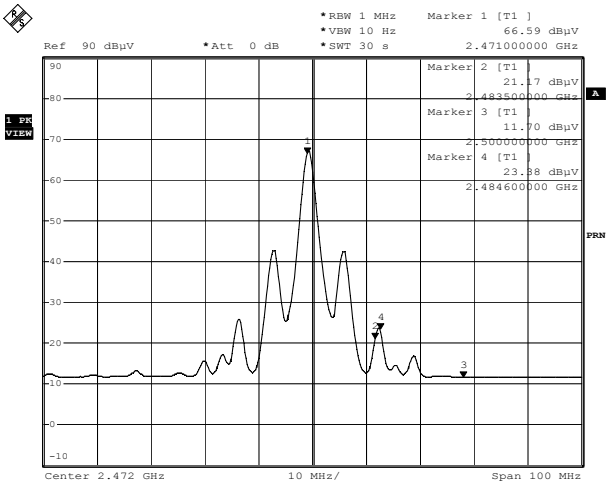
Channel No.	Frequency (MHz)	Reading Level (dBuV)	Correct Factor (dB)	PreAMP (dB)	Measure Level (dBuV/m)	Limit (dBuV/m)	Result
Horizontal	2484.600	22.900	28.715	00.00	51.614	54.000	Pass
Vertical	2484.600	23.380	27.115	00.00	50.495	54.000	Pass

Horizontal



Date: 29.MAY.2006 17:18:46

Vertical



Date: 29.MAY.2006 17:00:19

Note: The average measurement was not performed when the peak measured data under the limit of average detection. If the readings given are average, peak measurement should also be supplied.