





ISO/IEC17025 Accredited Lab.

Report No: FCC1003053 File reference No: 2010-03-19

Applicant: Two Loons Trading Company

Product: 2.4G Wireless camera

Model No: SH02

Brand Name: N/A

Test Standards: FCC Part 15 Subpart C, Paragraph 15.249

Test result:

It is herewith confirmed and found to comply with the

requirements set up by ANSI C63.4&FCC Part 15 Subpart C, Paragraph 15.249 regulations for the evaluation of

electromagnetic compatibility

Approved By

Jack Chung

Jack Chung

Manager

Dated: Mar 19, 2010

Results appearing herein relate only to the sample tested The technical reports is issued errors and omissions exempt and is subject to withdrawal at

SHENZHEN TIMEWAY TECHNOLOGY CONSULTING CO LTD

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Date: 2010-03-19



Special Statement:

The testing quality ability of our laboratory meet with "Quality Law of People's Republic of China" Clause 19.

The testing quality system of our laboratory meet with ISO/IEC-17025 requirements, which is approved by CNAS. This approval result is accepted by MRA of APLAC.

Our test facility is recognized, certified, or accredited by the following organizations:

CNAS-LAB Code: L2292

The EMC Laboratory has been assessed and in compliance with CNAS-CL01 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:2005 General Requirements) for the Competence of testing Laboratories.

FCC-Registration No.: 899988

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 899988.

IC- Registration No.: IC5205A-01

The EMC Laboratory has been registered and fully described in a report filed with the (IC) Industry Canada. The acceptance letter from the IC is maintained in our files. Registration IC No.: 5205A-01.

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1.0 General Details

1.1 Test Lab Details

Name: SHENZHEN TIMEWAY TECHNOLOGY CONSULTING CO LTD

Address: 5/F,Block 4, Anhua Industrial Zone.,No.8 TaiRan Rd.CheGongMiao,FuTian District,

Shenzhen, CHINA.

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Site on File with the Federal Communications Commission – United Sates

Registration Number: 899988

For 3m & 10 m OATS

Site Listed with Industry Canada of Ottawa, Canada

Registration Number: IC: 5205A-01

For 3m & 10 m OATS

1.2 Applicant Details

Applicant: Two Loons Trading Company

Address: 195 Augusta Rockland Road, Windsor, ME 04363 USA

Telephone: +1-207 445 5744 Fax: +1-207 445 7056

1.3 Description of EUT

Product: 2.4G Wireless camera

Manufacturer: OCEAN ELECTRIC LIMITED

Brand Name: N/A
Model Number: SH02
Additional Model Name N/A
Additional Trade Name N/A

Rating: DC12V, Powered by car charger

Modulation Type: FM

Operation Frequency 2414MHz, 2432MHz, 2450MHz, 2468MHz Antenna Designation A RF cable of 4.5cm length as antenna

1.4 Submitted Sample

1 Sample

1.5 Test Duration

2010-03-05 to 2010-03-16

The report refers only to the sample tested and does not apply to the bulk.

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1.6 Test Uncertainty

Conducted Emissions Uncertainty =3.6dB Radiated Emissions Uncertainty =4.7dB

1.7 Test Engineer

The sample tested by

Print Name: Terry Tang

2.0	Test Equipments							
Instrument Type	Manufacturer	Model	Serial No.	Date of Cal.	Due Date			
ESPI Test Receiver	ROHDE&SCHWARZ	ESPI 3	100379	2009-12-05	2010-12-04			
TWO Line-V-NETW	ROHDE&SCHWARZ	EZH3-Z5	100294	2009-12-05	2010-12-04			
TWO Line-V-NETW	ROHDE&SCHWARZ	EZH3-Z5	100253	2009-12-05	2010-12-04			
Ultra Broadband ANT	Schwarebeck	VULB9163	9163/340	2010-03-01	2011-02-28			
ESDV Test Receiver	ROHDE&SCHWARZ	ESDV	100008	2009-03-30	2010-03-29			
Impuls-Begrenzer	ROHDE&SCHWARZ	ESH3-Z2	100281	2010-03-01	2011-02-28			
Power meter	Anritsu	ML2487A	6K00003613	2010-03-01	2011-02-28			
Power sensor	Anritsu	MA2491A	32263	2010-03-01	2011-02-28			
ESPI Test Receiver	ROHDE&SCHWARZ	ESI26	838786/013	2010-03-01	2011-02-28			
Horn Antenna	SCHWARZBECK	BBHA 9170	BBHA9170265	2009-08-15	2010-08-14			
Horn Antenna	SCHWARZBECK	BBHA 9120D	9120D-631	2009-07-02	2010-07-01			
Loop Antenna	EMCO	6507	102615	2009-04-26	2010-04-25			

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3.0 Technical Details

3.1 Summary of test results

FCC Part 15, Paragraph 15.207	Emission Test	PASS	N/A
FCC Part 15 Subpart C Paragraph 15.249(a) & 15.249(b) Limit	Field Strength of Fundamental	PASS	Complies
FCC Part 15, Paragraph 15.209	Radiated Emission Test	PASS	Complies
FCC Part 15 Subpart C Paragraph 15.249(d) Limit	Band Edge Test	PASS	Complies

3.2 Test Standards

FCC Part 15 Subpart C, Paragraph 15.249

4.0 EUT Modification

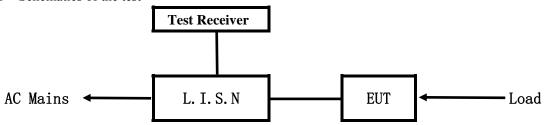
No modification by Shenzhen Timeway Technology Consulting Co.,Ltd

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5. Power Line Conducted Emission Test

5.1 Schematics of the test

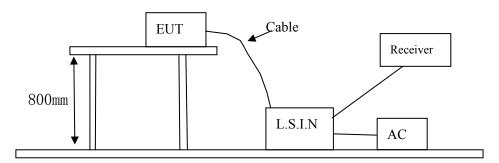


EUT: Equipment Under Test

5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.4-2003. The Frequency spectrum From 0.15MHz to 30MHz was investigated. The LISN used was 500hm/50uH as specified by section 5.1 of ANSI C63.4 –2003.

Test Voltage: 120V~, 60Hz Block diagram of Test setup



5.3 Configuration of The EUT

The EUT was configured according to ANSI C63.4-2003. All interface ports were connected to the appropriate peripherals. All peripherals and cables are listed below.

One channels are provided to the EUT

A. EUT

Device	Manufacturer	Model	FCC ID
2.4G Wireless	OCEAN ELECTRIC LIMITED	SH02	UMFSH03
Camera			

B. Internal Device

Device	Manufacturer	Model	FCC ID/DOC
N/A			

The report refers only to the sample tested and does not apply to the bulk.

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C. Peripherals

Device	Manufacturer	Model	FCC ID/DOC	Cable
N/A				

5.4 EUT Operating Condition

Operating condition is according to ANSI C63.4 -2003

- A Setup the EUT and simulators as shown on follow
- B Enable AF signal and confirm EUT active to normal condition

5.5 Power line conducted Emission Limit according to Paragraph 15.207

Eraguanay (MHz)	Class A Lir	nits (dB µ V)	Class B Lim	nits (dB µ V)
Frequency(MHz)	Quasi-peak Level Average Level		Quasi-peak Level	Average Level
$0.15 \sim 0.50$	79.0	66.0	66.0~56.0*	56.0~46.0*
$0.50 \sim 5.00$	73.0	60.0	56.0	46.0
$5.00 \sim 30.00$	73.0	60.0	60.0	50.0

Notes:

- 1. *Decreasing linearly with logarithm of frequency.
- 2. The tighter limit shall apply at the transition frequencies

5.6 Test Results

The frequency spectrum from 0.15MHz to 30MHz was investigated. All reading are quasi-peak values with a resolution bandwidth of 9kHz.

Note: Due to DC operation, this test item not applicable.

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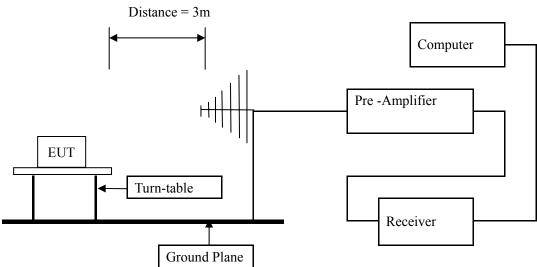
Date: 2010-03-19



6 Radiated Emission Test

- 6.1 Test Method and test Procedure:
- (1) The EUT was tested according to ANSI C63.4 –2003. The radiated test was performed at Timeway Laboratory. This site is on file with the FCC laboratory division, Registration No.899988
- (2) The EUT, peripherals were put on the turntable which table size is 1m x 1.5 m, table high 0.8 m. All set up is according to ANSI C63.4-2003.
- (3) The frequency spectrum from 30 MHz to 1 GHz was investigated. All readings from 30 MHz to 1 GHz are quasi-peak values with a resolution bandwidth of 120 kHz. All readings are above 1 GHz, peak values with RBW=VBW=1MHz. Measurements were made at 3 meters.
- (4) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (5) The antenna polarization: Vertical polarization and Horizontal polarization.

Block diagram of Test setup

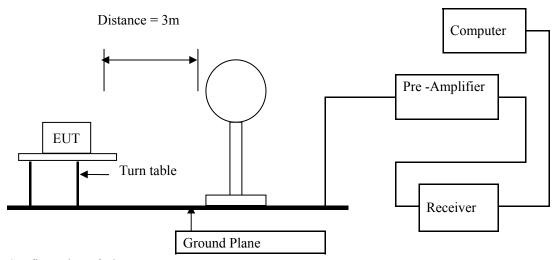


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Block diagram of Test setup for frequency below 30MHz



Configuration of The EUT Same as section 5.3 of this report

EUT Operating Condition
Same as section 5.4 of this report.

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6.4 Radiated Emission Limit

All emission from a digital device, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strength specified below:

A FCC Part 15 Subpart C Paragraph 15.249(a) Limit

Fundamental Frequency	Field Stre	eld Strength of Fundamental (3m)			Field Strength of Harmonics (3m)		
(MHz)	mV/m	dBuV/m		uV/m	dBu	V/m	
2400-2483.5	50	94 (Average)	114 (Peak)	500	54 (Average)	74 (Peak)	

Note:

- 1. RF Field Strength $(dBuV) = 20 \log RF \text{ Voltage } (uV)$
- 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.

B. Frequencies in restricted band are complied to limit on Paragraph 15.209.

	1	8 1
Frequency Range (MHz)	Distance (m)	Field strength (dB µ V/m)
0.009-0.490	3	20log 2400/F (kHz) + 80
0.490-1.705	3	20log 24000/F (kHz) + 40
1.705-30	3	20log 30 + 40
30-88	3	40.0
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

Note:

- 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 EUT
- 4. New batteries were installed in the equipment under test for radiated emission testing.
- 5. All scanning using PK detector. And the final emission level was get using QP detector for frequency range from 30-1000MHz.As to 1G-25G, the final emission level got using PK and AV detector.
- 6. If measurement is made at 3m distance, then F.S Limitation at 3m distance is adjusted by using the formula Ld1 = Ld2 * (d2/d1)

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6.5 Test result

A Fundamental & Harmonics Radiated Emission Data

Product:	2.4G Wireless Camera	Test Mode:	Low Channel
Test Item:	Fundamental Radiated Emission Data	Temperature:	25℃
Test Voltage:	12VDC	Humidity:	56%
Test Result:	Pass		

Frequency	Emission PK/AV	Horiz /	Limits PK/AV	Margin
(MHz)	(dBuV/m)	Vert	(dBuV/m)	(dB)
2414	68.14 (PK)	Н	114/94	-25.86
2414	65.68 (PK)	V	114/94	-28.32
4828		H/V	74/54	
7242		H/V	74/54	
9656		H/V	74/54	
12070		H/V	74/54	
14484		H/V	74/54	
16898		H/V	74/54	
19312		H/V	74/54	
21726		H/V	74/54	
24140		H/V	74/54	

Fundamental Radiated Emission Data Under extrem voltage

i undumentui Rudiuteu Emission Butu ender extrem votuge								
Product:	2.4G Wireless Camera	Test Mod	e:	Low Channel				
Test Item:	Fundamental Radiated Emission	on Data	Temperat	ure:	25℃			
Test Result:	Pass		Humidity	:	56%			
Frequency	Emission PK/AV	Н	oriz /]	Limits PK/AV	Margin		
(MHz)	(dBuV/m)	,	Vert		(dBuV/m)	(dB)		
Test Voltage: 13.	8V							
2414	69.28 (PK)	F	Ŧ		114/94	-24.72		
2414	66.15 (PK)	7	7		114/94	-27.85		
Test Voltage:10.2	Test Voltage:10.2VDC							
2414	67.56 (PK)	ŀ	ł		114/94	-26.44		
2414	65.07 (PK)	7	/		114/94	-28.93		

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Product:	2.4G Wireless Camera	Test Mode:	Middle Channel
Test Item:	Fundamental Radiated Emission Data	Temperature:	25℃
Test Voltage:	12VDC	Humidity:	56%
Test Result:	Pass		

Frequency	Emission PK/AV	Horiz /	Limits PK/AV	Margin
(MHz)	(dBuV/m)	Vert	(dBuV/m)	(dB)
2450	66.38(PK)	Н	114/94	-27.62
2450	59.38(PK)	V	114/94	-34.62
4900		V	74/54	
7350		Н	74/54	
9800		H/V	74/54	
12250		H/V	74/54	
14700		H/V	74/54	
17150		H/V	74/54	
19600		H/V	74/54	
22050		H/V	74/54	
24500		H/V	74/54	

Fundamental Radiated Emission Data Under extrem voltage

Product:	2.4G Wireless Camera		Test Mode:		Middle Channel	1	
Test Item:	Fundamental Radiated Emission	on Data	Temperature:		25℃		
Test Result:	Pass		Humidity:	Humidity: 56%			
Frequency	Emission PK/AV	Н	oriz /]	Limits PK/AV	Margin	
(MHz)	(dBuV/m)	Vert			(dBuV/m)	(dB)	
Test Voltage: 13.	8V						
2450	68.39 (PK)	I	Н		114/94	-25.61	
2450	66.52 (PK)	7	V	114/94		-27.48	
Test Voltage:10.2	2VDC						
2450	67.32 (PK)	I	Ή		114/94	-26.68	
2450	64.49 (PK)	7	V		114/94	-29.51	

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Product:	2.4G Wireless Camera	Test Mode:	High Channel
Test Item:	Fundamental Radiated Emission Data	Temperature:	25℃
Test Voltage:	12VDC	Humidity:	56%
Test Result:	Pass		

Frequency	Emission PK/AV	Horiz /	Limits PK/AV	Margin
(MHz)	(dBuV/m)	Vert	(dBuV/m)	(dB)
2468	62.17(PK)	Н	114/94	-31.83
2468	65.69(PK)	V	114/94	-28.31
4936		V	74/54	
7404		Н	74/54	
9872		H/V	74/54	
12340		H/V	74/54	
14808		H/V	74/54	
17276		H/V	74/54	
19744		H/V	74/54	
22212		H/V	74/54	
24680		H/V	74/54	

Fundamental Radiated Emission Data Under extrem voltage

Product:	2.4G Wireless Camera		Test Mode:		High Channel		
Test Item:	Fundamental Radiated Emission	on Data	Temperatur	re:	25℃		
Test Result:	Pass		Humidity:	Humidity: 56%			
Frequency	Emission PK/AV	Н	loriz /]	Limits PK/AV	Margin	
(MHz)	(dBuV/m)	Vert		(dBuV/m)		(dB)	
Test Voltage: 13.	8V						
2468	71.30 (PK)]	Н		114/94	-22.70	
2468	66.89 (PK)	,	V	114/94		-27.11	
Test Voltage:10.2	2VDC						
2468	67.59 (PK)]	Н		114/94	-26.41	
2468	65.36 (PK)	,	V		114/94	-28.64	

Note: (1) PK= Peak, AV= Average

- (2) Emission Level = Reading Level + Probe Factor + Cable Loss.
- (3)Margin=Emission-Limits
- (4)According to section 15.35(b), the peak limit is 20dB higher than the average limit
- (5) The measured PK value less than the AV limit.

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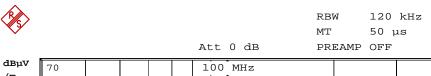
B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

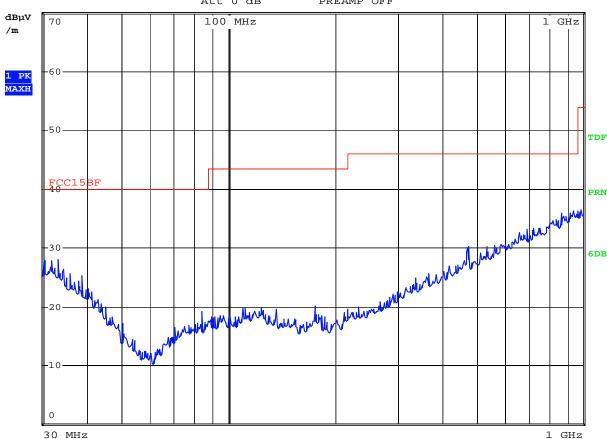
EUT set Condition: Keep transmitting

Mode: Middle Channel (2450MHz)

Results: Pass

Please refer to following diagram for individual





Date: 8.MAR.2010 08:27:48

Frequency (MHz)	Level@3m (dB \u03b4 V/m)	Antenna Polarity	Limit@3m (dB \u03b4 V/m)
		Н	

Date: 2010-03-19



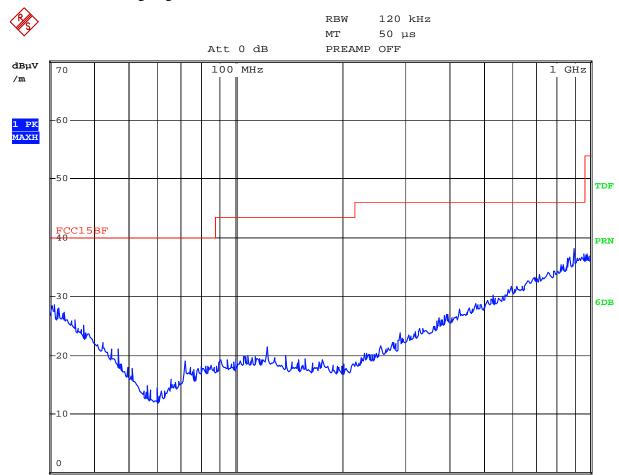
Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep transmitting

Mode: Middle Channel (2450MHz)

Results: Pass

Please refer to following diagram for individual



Date: 8.MAR.2010 08:22:02

30 MHz

Frequency (MHz)	Level@3m (dB \u03b4 V/m)	Antenna Polarity	Limit@3m (dB μ V/m)
		V	

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EUT set Condition: Keep transmitting Mode: Middle Channel

Results: Pass

Please refer to following diagram for individual



Frequency (MHz)	Level@3m (dB \u03b4 V/m)	Antenna Polarity	Limit@3m (dB \u03b4 V/m)

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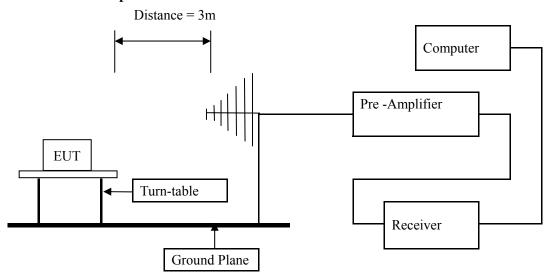


7. Band Edge

7.1 Test Method and test Procedure:

- (1) The EUT was tested according to ANSI C63.4 –2003. The radiated test was performed at Timeway Laboratory. This site is on file with the FCC laboratory division, Registration No.899988
- (2) Set Spectrum as RBW=VBW=1MHz and Peak detector used
- (3) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (4) The antenna polarization: Vertical polarization and Horizontal polarization.

7. 2 Radiated Test Setup



For the actual test configuration, please refer to the related items – Photos of Testing

7.3 Configuration of The EUT

Same as section 5.3 of this report

7.4 EUT Operating Condition

Same as section 5.4 of this report.

7.5 Band Edge Limit

Emissions radiated outside of the specified frequency bands, except for harmonics, shall be attenuated by at least 50 dB below the level of the fundamental or to the general radiated emission limits in Section 15.209, whichever is the lesser attenuation.

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7.6 Test Result

6 Test Result	2.40.11	1 0			. 3.6. 1	1 .	- C1	177	
Product:		eless Camera			t Mode:	Low Channel-Vertical			
Mode				DC					
Temperature	24	24 deg. C		Humidity				RH	
Test Result:]	Pass		Detector			P	K	
2390MHz	PK (dBμV/m)	34.12		ī	Limit		74(dB	μV/m)	
237011112	$AV(dB\mu V/m)$			1	t		54(dB	μV/m)	
	Marker 3	B [T1]		RBW	1 M	Hz R	F Att	10 dB	
Ref Lvl		40.80 dB	μ٧	VBW	1 M				
97 dB μ V	2.	40000000 G	Hz	SWT	5 m	s U	nit	dB μ V	
97					▼ 3	[T1]	40.	.80 dB μ V	
90					_		2.4888	3000-6Hz	A
					∇_1	[T1]	73.	.23 dBμV	
80							2.41348	+	
					∇2	[T1]	40.	$60 \text{ dB}\mu\text{V}$	
70								GHZ	
								ή 'ή	
1MAX								<u>ا</u>	1 M
00						W √v		1	
						J		l	
50						1. 1			
		ı. M <u>.</u>	^^	Yun 1	Mundula	lm.			
40 u	MMM Monday	WW HIP			VO				
30			-						
20			-						
10			-						
0									
-3 L Start 2.3	7 047		5 MHz.	,			Ctop (10 511-	•
			J HITZ.	/			aroh s	2.42 GHz	
te: 24.	.FEB.2010 13:	47:30							

Note: Field Strength in restrict band measured in conventional manner

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Product:	2.4G W	ireless Can	nera	Tes	t Mode:	Lo	w Channe	l-Horizont	al
Mode		g Transmitt			Voltage		DC12V		
Temperature	_	4 deg. C			Humidity		56% RH		
Test Result:		Pass			Detector		Pl	K	
22001 (11	PK (dBµV/m)	3	5.27				74(dBμV/m)		
2390MHz	AV(dBμV/m)				Limit		54(dB _l	μV/m)	
	Marker	3 [T1]		RBW	1 MI	Hz RF	Att	10 dB	
Ref Lvl		40.1	3 dB <i>µ</i> V	VBW	1 MI	Hz			
97 dB μ V		2.400000	00 GHz	SWT	5 m	s Ur	nit	${ m dB}\mu{ m V}$	'
97					▼ 3	[T1]	40.	13 dB μ V	Α
90							2.4888	888 GHz	Н
					\triangledown_1	[T1]	73. 2.41348	14 dB μ V 697 GHz	
80					∇2	[T1]	41.	75 dBμV	İ
70							2.390	000 GHz	
1MAX									1MA
50									
			2	ور المسمر	CHAPMAPA.	MAN			
40 mlummum	war	1-1/2-18LIV		0	<u> </u>				1
30									
20									l
10									1
-3	77 CH-		E 141	1				40.50	J
Start 2.3			5 MH	1Z/			Stop 2	.42 GHz	
Date: 24	.FEB.2010 13	3:45:32							

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Report No: 1003053 Date: 2010-03-19

Product:	2.4G Wire	eless Camera	T	est Mode:	I	High Chan	nel-Vertical	1
Mode	Keeping Transmitting		Test	Test Voltage		DC12V		
Temperature	24 deg. C,		eg. C, Humidity			56%	6 RH	
Test Result:	I	Pass		Detector		P	rΚ	
2483.5MHz	PK (dBμV/m)	33.36		Limit		74(dBμV/m)		
2463.3WIIIZ	$AV(dB\mu V/m)$			$54(dB\mu V/m)$				
	Marker 2	2 [T1]	RBI	ا 1 MI	Hz R	F Att	10 dB	
Ref Lvl		$39.84 \text{ dB}\mu\text{V}$						
97 dBμV 97		.48350000 GHz	: SW	T 5 m:	5 U	Init	dBµV	
90				▼ 2	[T1]	39	.84 dBμV	Α
				∇1	[T1]	70 2.4677	.63 dBμV 3547 GHz	
80		1						
70 1MAX 60								1MA
50								
40 mhumyn	montally		White	<u> </u>	المراسان المراسان	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	White Lake	
30								
20								
10								
-3								
Start 2.4 Date: 24.		5 06:38	MHz/			Stop	2.5 GHz	

Note: 1. Field Strength in restrict band measured in conventional manner

2. Emission Level = Reading Level + Probe Factor + Cable Loss.

The report refers only to the sample tested and does not apply to the bulk.

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Report No: 1003053 Date: 2010-03-19

Product:	2.4G Wir	eless Cam	iera	Tes	t Mode:	Н	igh Chann	el-Horizont	al
Mode Keeping Transmitting		ing	Test V	Test Voltage		DC12V			
Temperature	24 deg. C,			Humio	Humidity Detector		56% RH PK		
Test Result:	-	De							
2483.5MHz	PK (dBμV/m) 33.18			Limit			74(dBμV/m)		
2465.3MHZ	$AV(dB\mu V/m)$			J	Lillit		$54(dB\mu V/m)$		
	Marker	1 [T1]		RBW	1 M	Hz R	F Att	10 dB	
Ref Lvl		70.4	9 dB μ V	VBW	1 M	Hz			
$97~\mathrm{dB}\mu\mathrm{V}$	2	.466032	06 GHz	SWT	5 m	s U	nit	$\mathrm{dB}\mu\mathrm{V}$	
97					▼ 1	[T1]	70	.49 dBμV	Α
90							2.46603	8286 GHz	
					∇2	[T1]	1	.66 dBµV 0000 GHz	
80							2.40331	JUUU BNZ	
		1							
70		y							
1MAX	الرا								1MA
60	 								
50	<i>,</i>		\						
	<i> </i>		M	4					
40	Mahmar			holy	MM	باسباسه			
						· ~ 41.~ u	Murhun	Muhal	
30									
30									
0.0									
20									
10									
0 -3									
Start 2.4	5 GHz		5 M	Hz/			Stop	2.5 GHz	
Date: 24.	FEB.2010 14:	:08:20							

Note: 1. Field Strength in restrict band measured in conventional manner

2. Emission Level = Reading Level + Probe Factor + Cable Loss.

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Date: 2010-03-19



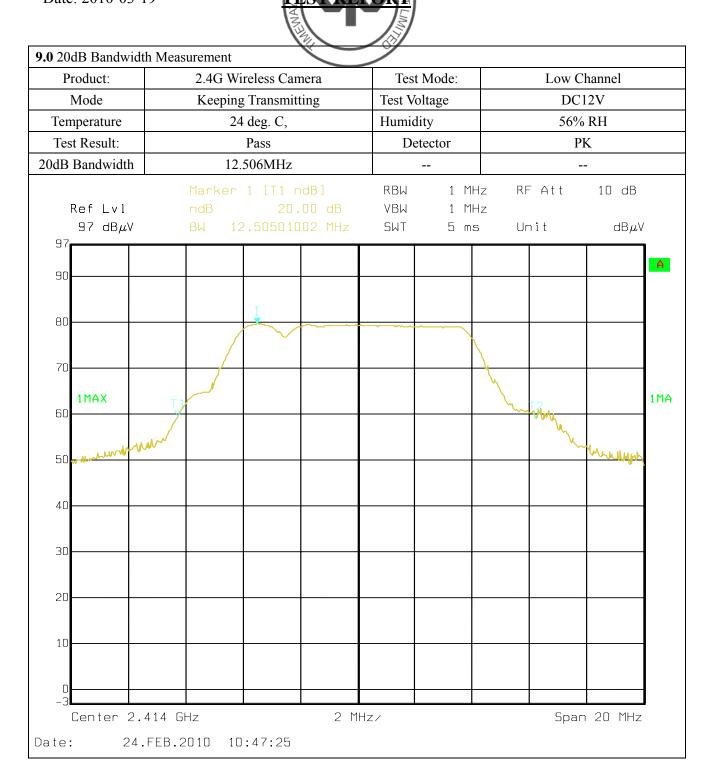
8.0 Antenna Requirement

Applicable Standard

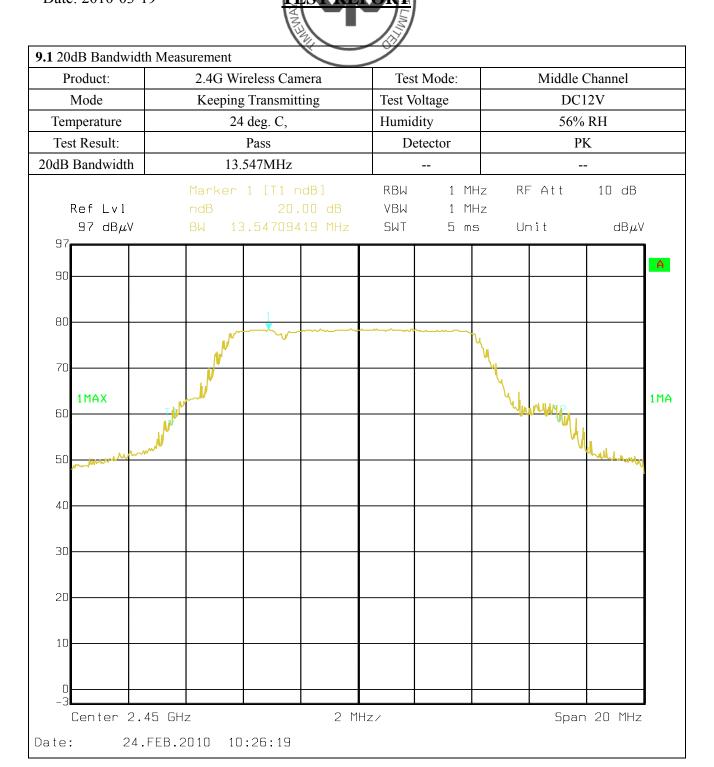
An intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. The use of a permanently attached antenna or of an antenna that uses a unique coupling to the intentional radiator shall be considered sufficient to comply with the provisions of this section.

A RF cable of 4.5cm length as antenna. The maximum Gain of the antennas is 3.0dBi Maximum Test Result: Pass

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Product:	2.4G Wireless Camera	Test Mode:	High Channel DC12V 56% RH PK		
Mode	Keeping Transmitting	Test Voltage			
Temperature	24 deg. C,	Humidity			
Test Result:	Pass	Detector			
dB Bandwidth	12.265MHz				
Ref Lvl 97 dBμV	Marker 1 [T1 ndB] ndB 20.00 dB BW 12.26452906 MHz	RBW 1 MH VBW 1 MH 2 SWT 5 ms	Hz		
97		▼ 1	[T1] 77.29 dBμV		
80	1	ndB BW ∀⊤₁	$rac{2.46429258}{20.00} rac{6Hz}{dB}$ 20.00 dB 12.26452906 MHz $[T1]$ 57.23 dB μ V		
70		VT 2	2.46160721 GHz 2.46360721 GHz 2.47387174 GHz		
1MAX 60			1M		
50	^		y warmen		
40					
30					
20					
10					
0					

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Report No: 1003053 Date: 2010-03-19



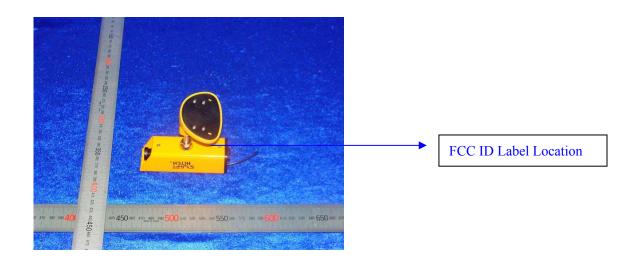
10.0 FCC ID Label

FCC ID: UMFSH03

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The label must not be a stick-on paper label. The label on these products must be permanently affixed to the product and readily visible at the time of purchase and must last the expected lifetime of the equipment not be readily detachable.

Mark Location:



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11.0 **Photo of testing**

11.1 Conducted test View-N/A

11.2 Radiated emission test view

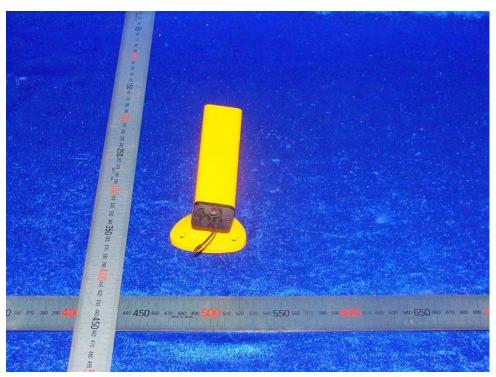


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11.3 Photo for the EUT





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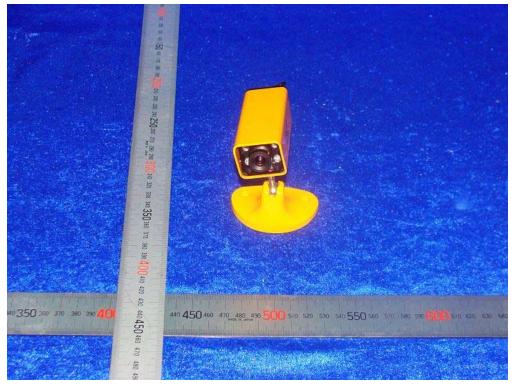
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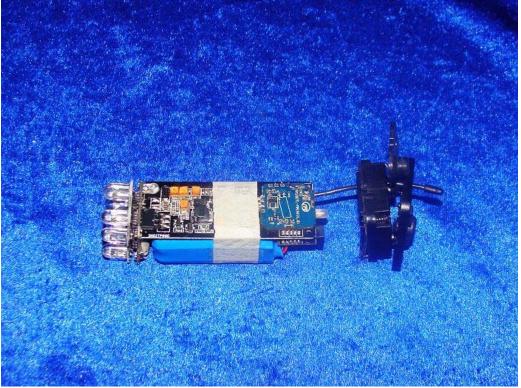
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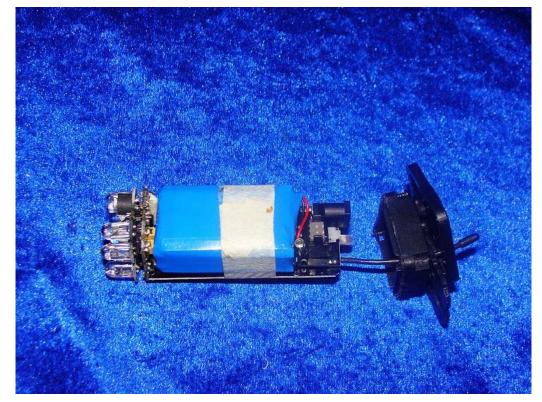
adopt any other remedies which may be appropriate.

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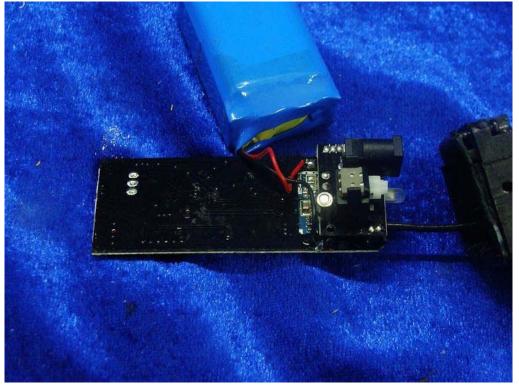
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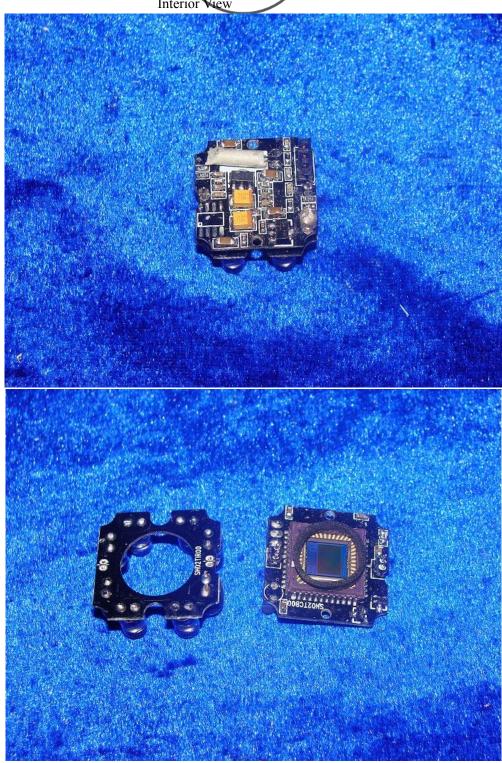
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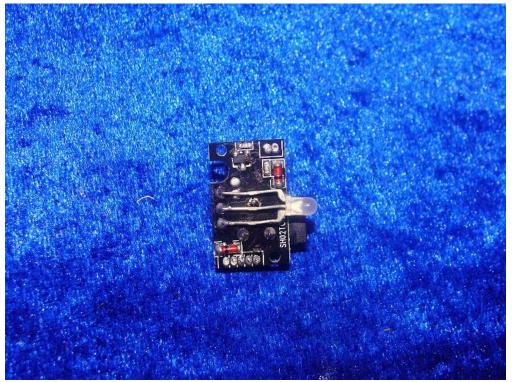
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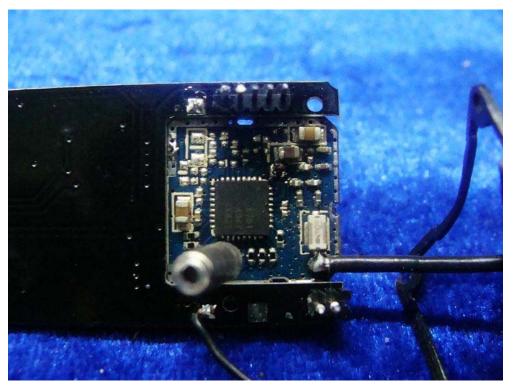
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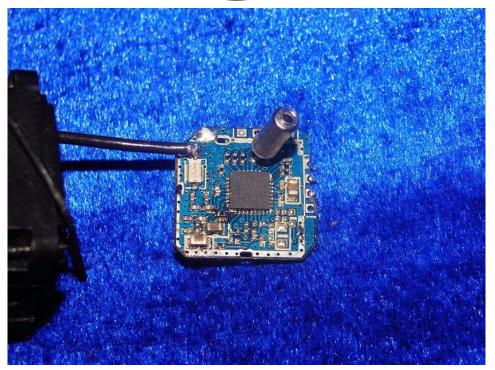
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Interior View





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