





ISO/IEC17025 Accredited Lab.

Report No: FCC0509120 File reference No: 2006-03-02

Applicant: TongWei Video Technology Co., Ltd

Product: Wireless camera

Model No: Transmitter: TW-6018, receiver: TW-8160

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: March 02,2006

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

East 5/Block 4, Anhua Industrial Zone, No.8, Tairan Rd. CheGongMiao, FuTian District, Shenzhen, CHINA.

Tel (755) 83448688 Fax (755) 83442996

Report No: 0509120 Page 2 of 37

Date: 2006-03-02



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 CNAL. This approval result is accepted by MRA of APLAC.

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

CNAL-LAB Code: L2292

The EMC Laboratory has been assessed and in compliance with CNAL/AC01:2002 accreditation criteria for testing Laboratories (identical to ISO/IEC 17025:1999 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.: IC5205

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.: 5205.





Test Report Conclusion Content

1.0	General Details	4
1.1	Test Lab Details	4
1.2	Applicant Details	4
1.3	Description of EUT	4
1.4	Submitted Sample	4
1.5	Test Duration.	4
1.6	Test Uncertainty	5
1.7	Test By	5
2.0	List of Measurement Equipment	5
3.0	Technical Details	7
3.1	Summary of Test Results	7
3.2	Test Standards	7
4.0	EUT Modification.	7
5.0	Power Line Conducted Emission Test.	8
5.1	Schematics of the Test	8
5.2	Test Method and Test Procedure.	8
5.3	Configuration of the EUT	9
5.4	EUT Operating Condition.	9
5.5	Conducted Emission Limit.	9
5.6	Test Result.	9
6.0	Radiated Emission test	14
6.1	Test Method and Test Procedure.	14
6.2	Configuration of the EUT	14
6.3	EUT Operation Condition.	14
6.4	Radiated Emission Limit	15
6.5	Test Result.	15
7.0	Band Edge	20
7.1	Test Method and Test Procedure.	20
7.2	Radiated Test Setup	20
7.3	Configuration of the EUT	20
7.4	EUT Operating Condition.	20
7.5	Band Edge Limit	21
7.6	Band Edge Test Result.	22
8.0	FCC ID Label	24
9.0	Photo of Test Setup and EUT View	25

Report No: 0509120 Page 4 of 37

Date: 2006-03-02



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.

Telephone: (755) 83448688 Fax: (755) 83442996

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: 5205

For 3m & 10 m OATS

1.2 Applicant Details

Applicant: TongWei Video Technology Co., Ltd

Address: 4/F, HuaFeng Building, 6006 ShenNan Road, Shenzhen, P.R.China

Telephone: 86-755-83130338 Fax: 86-755-83130500

1.3 Description of EUT

Product: Wireless camera

Manufacturer: 4/F, HuaFeng Building, 6006 ShenNan Road, Shenzhen, P.R.China

Brand Name: N/A

Model Number: Transmitter: TW-6018, receiver: TW-8160

Additional Model Name Transmitter: TW-6022, TW-6023, TW-6024, TW-6025

Receiver: TW-8150, TW-8161

Additional Trade Name N/A

Rating: Tx DC7V, Rx DC 5V

Operation Frequency 2400-2483.5MHz

Number of Channel 4

Antenna Designation A permanent fixed antenna, which is built-in, designed as an indispensable part of

the EUT.

Note: Only basic model (Transmitter: TW-6018, receiver: TW-8160) were tested

1.4 Submitted Sample

1 Sample

1.5 Test Duration

2006-02-08 to 2006-03-02

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

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co.,Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for adverting. The client to whom the report is issued may, however, show or send it . or a certified copy there of prepared by the Shenzhen Timeway Technology Consulting co.,Ltd to his customer. Supplier or others persons directly concerned. Shenzhen Timeway Technology Consulting co.,Ltd will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting co .,Ltd reserves the rights to withdraw it and to adopt any other remedies which may be appropriate.

Page 5 of 37

Report No: 0509120 Date: 2006-03-02



1.6 Test Uncertainty

Conducted Emissions Uncertainty = ± 3.0 dB Radiated Emissions Uncertainty = \pm 6.0dB

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				
ESD Simulator	EM TEST	DITO	0404-24	2005-08-04	2006-08-03				
Continuous Wave Simulator	EM TEST	CWS 500C	0407-05	2005-12-12	2006-12-11				
Ultra Compact Simulator	EM TEST	UCS 500 M4	0304-42	2005-08-21	2006-08-20				
Harmonic	California Instruments	PACS-1	72305	2005-08-21	2006-08-20				
ESPI Test Receiver	ROHDE&SCHWARZ	ESPI 3	100379	2005-12-01	2006-11-30				
Absorbing Clamp	ROHDE&SCHWARZ	MDS-21	100126	2005-12-01	2006-11-30				
TWO Line-V-NETW	ROHDE&SCHWARZ	EZH3-Z5	100294	2005-12-01	2006-11-30				
TWO Line-V-NETW	ROHDE&SCHWARZ	EZH3-Z5	100253	2005-12-01	2006-11-30				
Ultra Broadband ANT	ROHDE&SCHWARZ	HL562	100157	2005-12-01	2006-11-30				
ESDV Test Receiver	ROHDE&SCHWARZ	ESDV	100008	2005-03-31	2006-03-31				
4-WIRE ISN	ROHDE&SCHWARZ	ENY 41	830663/044	2006-02-20	2007-02-19				
GG ENY22 Double 2-Wire ISN	ROHDE&SCHWARZ	ENY22	83066/016	2006-02-20	2007-02-19				
Impuls-Begrenzer	ROHDE&SCHWARZ	ESH3-Z2	100281	2006-02-20	2007-02-19				

Page 6 of 37

Report No: 0509120 Date: 2006-03-02

			82		
System Controller	CT	SC100	/ <u>-</u>	-	-
Printer	EPSON	РНОТО ЕХЗ	CFNH234850	2006-02-20	2007-02-19
FM-AM Signal Generator	JUNGJIN	SG-150M	389911177	2006-02-20	2007-02-19
Color TV Pattern Generator	PHILIPS	PM5418	LO621747	2006-02-20	2007-02-19
Computer	IBM	8434	1S8434KCE99BLXLO*	-	-
Oscillator	KENWOOD	AG-203D	3070002	2005-02-24	2006-02-24
Spectrum Analyzer	HAMEG	HM5012	-	-	-
Power Supply	LW	APS1502	-	-	-
5K VA AC Power Source	California Instruments	5001iX	56060	2006-02-20	2007-02-19
CDN	EM TEST	CDN M2/M3	-	2006-02-20	2007-02-19
Attenuation	EM TEST	ATT6/75	-	2006-02-20	2007-02-19
Resistance	EM TEST	R100	-	2006-02-20	2007-02-19
Electromagnetic Injection Clamp	LITTHI	EM101	35708	2006-02-20	2007-02-19
Inductive Components	EM TEST	MC2630	-	2006-02-20	2007-02-19
Antenna	EM TEST	MS100	-	2006-02-20	2007-02-19
Signal Generator	ROHDE&SCHWARZ	SMT03	100029	2006-02-06	2007-02-05
Power Amplifier	AR	150W1000	300999	2006-02-06	2007-02-05
Field probe	Holaday	HI-6005	105152	2006-02-06	2007-02-05
Bilog Antenna	Chase	CBL6111C	2576	2006-02-06	2007-02-05
ESPI Test Receiver	ROHDE&SCHWARZ	ESI26	838786/013	2006-02-06	2007-02-05
3m OATS			N/A	2006-02-06	2007-02-05

Page 7 of 37

Report No: 0509120 Date: 2006-03-02



3.0 Technical Details

3.1 Summary of test results

The EUT has been tested according to the following specifications:						
Standard	Test Type	Result	Notes			
FCC Part 15, Paragraph 15.207	Conducted Emission Test	PASS	Complies			
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

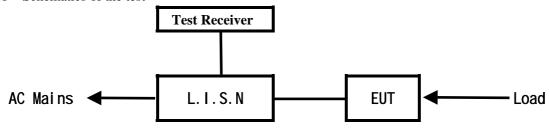
4.0 EUT Modification

No modification by Shenzhen Timeway Technology Consulting Co.,Ltd



5. Power Line Conducted Emission Test

5.1 Schematics of the test

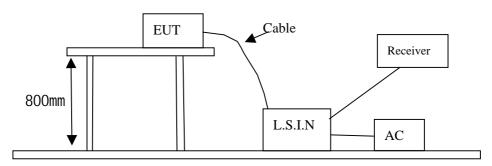


EUT: Equipment Under Test

5.2 Test Method and test Procedure

The EUT was tested according to ANSI C63.4-2001. The Frequency spectrum From 0.15MHz to 30MHz was investigated. The LISN used was 50ohm/50uH as specified by section 5.1 of ANSI C63.4 –2001.

Block diagram of Test setup



5.3 Configuration of The EUT

The EUT was configured according to ANSI C63.4-2001. 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
Wireless	TongWei Video Technology Co., Ltd	TW-6018	T2WTVT-6018
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.

Page 9 of 37

Report No: 0509120 Date: 2006-03-02



C. Peripherals

Device	Manufacturer	Model	FCC ID/DOC	Cable
N/A				

5.4 EUT Operating Condition

Operating condition is according to ANSI C63.4 -2001.

- 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 Limits (dB μ V)		
Frequency(MHz)	Quasi-peak Level	Average Level	Quasi-peak Level	Average Level	
0.15 ~ 0.50	79.0	66.0	66.0 ~ 56.0*	56.0 ~ 46.0*	
0.50 ~ 5.00	73.0	60.0	56.0	46.0	
5.00 ~ 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.

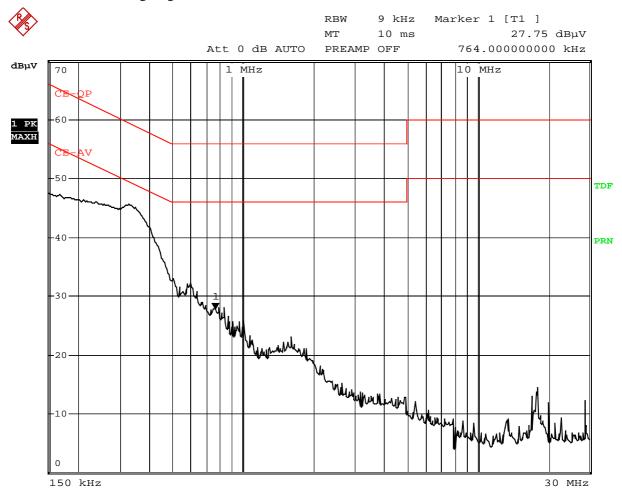


A Conducted Emission on Line Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Normal operation on channel 1 position for transmitter

Results: Pass

Please refer to following diagram for individual



Date: 1.MAR.2006 11:43:24

Engguenav		Reading	Limit				
Frequency (MHz)	Line	Line		Neutral		(dB μ V)	
(WITIZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average	
0.166	40.24	15.87	-	-	65.20	55.20	
0.326	38.02	13.69	-	-	59.60	49.60	
0.580	24.30	9.51	-	-	56.00	46.00	

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

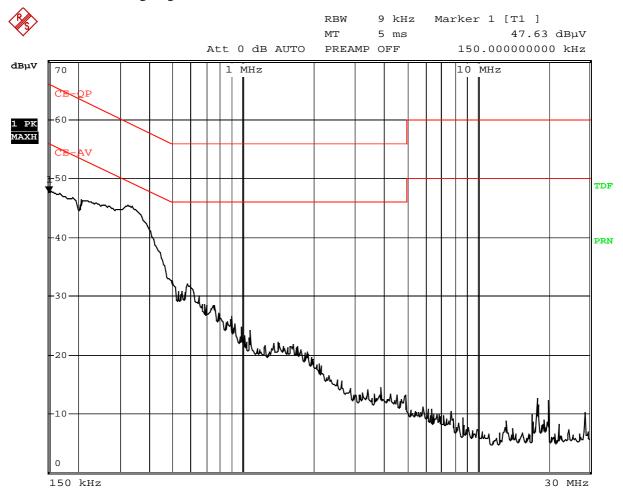


B Conducted Emission on Neutral Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Normal operation on channel 1 position for transmitter

Results: Pass

Please refer to following diagram for individual



Date: 1.MAR.2006 11:41:18

Fraguanay	Reading(dB \(\mu \)				Limit	
Frequency (MHz)	Line		Neutral		(dB μ V)	
(MHZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.154	1	1	40.69	16.14	65.80	55.80
0.322		-	37.47	13.45	59.70	49.70
0.580	-	-	23.80	9.35	56.00	46.00
-	-	-	-	-		

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

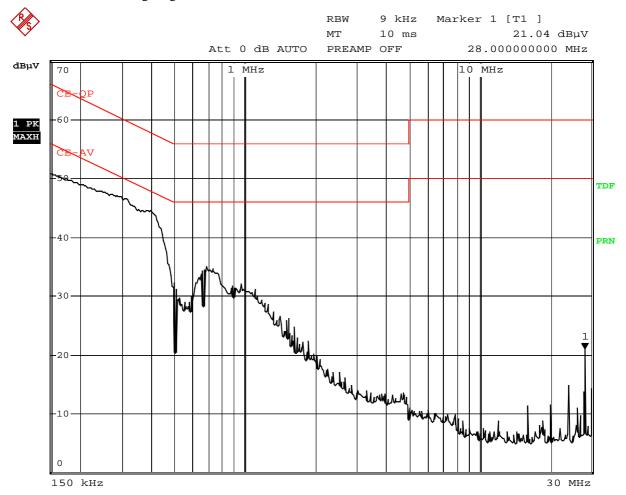


C Conducted Emission on Neutral Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Normal operation on channel 1 position for receiver

Results: Pass

Please refer to following diagram for individual



Date: 2.MAR.2006 19:23:46

Fraguanay	Reading(dB \(\mu \)				Limit	
Frequency (MHz)	Line		Neutral		(dB μ V)	
(MHZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.154	42.77	16.97	-	-	65.8	56.8
0.410	35.65	12.07	-	-	57.6	47.6
0.696	27.71	9.56	-	-	56.0	46.0
			-	-		

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

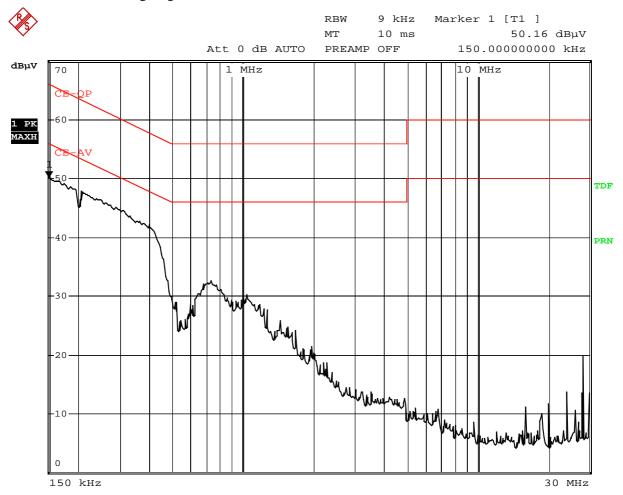


D Conducted Emission on Neutral Terminal of the power line (150kHz to 30MHz)

EUT set Condition: Normal operation on channel 1 position for receiver

Results: Pass

Please refer to following diagram for individual



Date: 2.MAR.2006 19:19:13

Fraguanay		Reading	Limit			
Frequency (MHz)	Line		Neutral		(dB μ V)	
(MHZ)	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
0.150			42.73	17.17	66.0	56.0
0.206			40.48	15.54	63.4	53.4
0.410			35.31	12.37	57.6	47.6
			-	-		

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

Page 14 of 37

Report No: 0509120 Date: 2006-03-02



6 Radiated Emission Test

- 6.1 Test Method and test Procedure:
- (1) The EUT was tested according to ANSI C63.4 –2001. 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 C63.4-2001.
- (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 a resolution bandwidth of 1 MHz. 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) Maximizing procedure was performed on the six (6) highest emissions to ensure EUT compliance is with all installation combinations. All data was recorded in the peak detection mode. Quasi-peak readings was performed only when an emission was found to be marginal (within -4 dB of specification limit), and are distinguished with a "QP" in the data table.
- (6) The antenna polarization : Vertical polarization and Horizontal polarization.

Block diagram of Test setup Distance = 3m Computer Pre -Amplifier EUT Turn-table Receiver

- 6.2 Configuration of The EUT

 Same as section 5.3 of this report
- 6.3 EUT Operating Condition

 Same as section 5.4 of this report.



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	Field 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.

Frequency Range (MHz)	Distance (m)	Field strength (dB μ V/m)
30-88	3	40.0
88-216	3	43.5
216-960	3	46.0
Above 960	3	54.0

Note:

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

6.5 Test result

A Fundamental & Harmonics Radiated Emission Data

Product:	Wireless camera	Test Mode:	CH1
Test Item:	Fundamental Radiated Emission Data	Temperature:	25
Test Voltage:	7VDC (Power by adaptor)	Humidity:	56%
Test Result:	Pass		

Frequency	Emission PK/AV	Horiz /	Limits PK/AV	Margin
(MHz)	(dBuV/m)	Vert	(dBuV/m)	(dB)
2410.17	86.3 peak	Horizontal	114/94	-27.7
2410.17	89.7 peak	Vertical	114/94	-24.3
4820.34	45.8 peak	Horizontal	74/54	-28.2
4820.34	49.2 peak	Vertical	74/54	-24.8
7230.51	42.5 peak	Horizontal	74/54	-31.5
7230.51	45.3 peak	Vertical	74/54	-28.7

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

Product:	Wireless camera	Test Mode:	CH2
Test Item:	Fundamental Radiated Emission Data	Temperature:	25
Test Voltage:	7VDC (Power by adaptor)	Humidity:	56%
Test Result:	Pass		

Frequency	Emission PK/AV	Horiz /	Limits PK/AV	Margin
(MHz)	(dBuV/m)	Vert	(dBuV/m)	(dB)
2430.32	85.6 peak	Horizontal	114/94	-28.4
2430.32	89.2 peak	Vertical	114/94	-24.8
4860.64	44.9 peak	Horizontal	74/54	-29.1
4860.64	48.0 peak	Vertical	74/54	-26.0
7290.96	41.8 peak	Horizontal	74/54	-32.2
7290.96	44.4 peak	Vertical	74/54	-29.6

Product:	Wireless camera	Test Mode:	СН3
Test Item:	Fundamental Radiated Emission Data	Temperature:	25
Test Voltage:	7VDC (Power by adaptor)	Humidity:	56%
Test Result:	Pass		

Frequency	Emission PK/AV	Horiz /	Limits PK/AV	Margin
(MHz)	(dBuV/m)	Vert	(dBuV/m)	(dB)
2450.28	86.6 peak	Horizontal	114/94	-27.4
2450.28	90.2 peak	Vertical	114/94	-23.8
4900.56	45.2 peak	Horizontal	74/54	-28.8
4950.56	48.5 peak	Vertical	74/54	-25.5
7350.84	42.1 peak	Horizontal	74/54	-31.9
7350.84	45.9 peak	Vertical	74/54	-28.1

Product:	Wireless camera	Test Mode:	CH4
Test Item:	Fundamental Radiated Emission Data	Temperature:	25
Test Voltage:	7VDC (Power by adaptor)	Humidity:	56%
Test Result:	Pass		

Frequency (MHz)	Emission PK/AV (dBuV/m)	Horiz / Vert	Limits PK/AV (dBuV/m)	Margin (dB)
2470.18	88.3 peak	Horizontal	114/94	-25.7
2470.18	93.4 peak	Vertical	114/94	-20.6
4940.36	46.5 peak	Horizontal	74/54	-27.5
4940.36	50.8 peak	Vertical	74/54	-23.2

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

Report No: 0509120 Page 17 of 37
Date: 2006-03-02 **TEST REPORT**

7410.54	43.2 peak	Horizontal	74/54	-30.8
7410.54	47.8 peak	Vertical	74/54	-26.2

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) Due to measured PK value less than the AV limit, the measured AV value must be less than AV limit

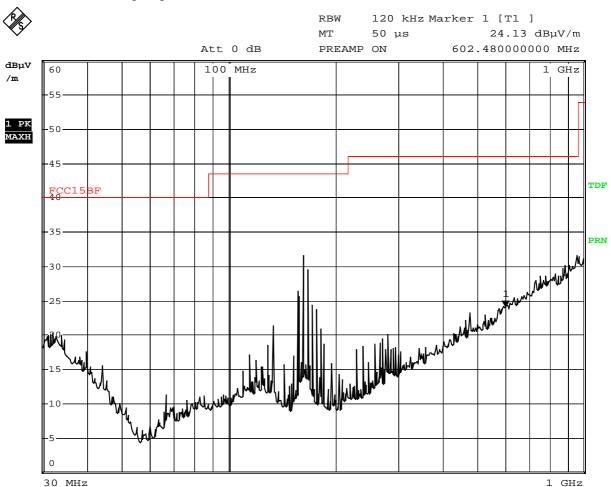


B. General Radiated Emission Data Radiated Emission In Horizontal (30MHz----1000MHz)

EUT set Condition: Keep EUT working normally on channel 1

Results: Pass

Please refer to following diagram for individual



Date: 1.MAR.2006 11:31:21

Frequency (MHz)	Level@3m (dB μ V/m)	Antenna Polarity	Limit@3m (dB μ V/m)
133.64	21.25	Н	43.50
162.28	31.37	Н	43.50
167.04	31.00	Н	43.50

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

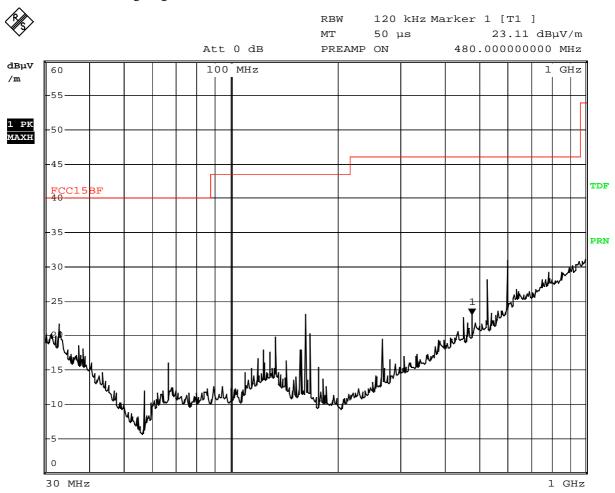


Radiated Emission In Horizontal (30MHz---1000MHz)

EUT set Condition: Keep EUT working normally on channel 1

Results: Pass

Please refer to following diagram for individual



Date: 1.MAR.2006 11:26:10

Frequency (MHz)	Level@3m (dB μ V/m)	Antenna Polarity	Limit@3m (dB \(\mu \text{V/m} \)
133.64	20.08	V	43.50
162.28	22.47	V	43.50
602.32	23.41	V	46.00

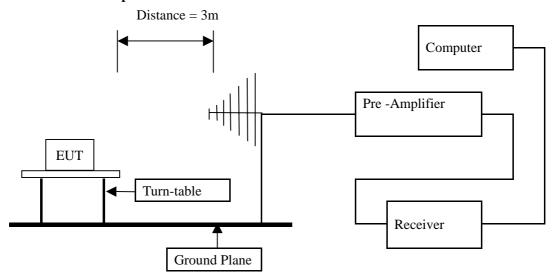


7. Band Edge

7.1 Test Method and test Procedure:

- (1) The EUT was tested according to ANSI C63.4 –2001. The radiated test was performed at Timeway Laboratory. This site is on file with the FCC laboratory division, Registration No.899988
- (2) 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 a resolution bandwidth of 1 MHz. Measurements were made at 3 meters.
- (3) The antenna high is varied from 1 m to 4 m high to find the maximum emission for each frequency.
- (4) Maximizing procedure was performed on the six (6) highest emissions to ensure EUT compliance is with all installation combinations. All data was recorded in the peak detection mode. Quasi-peak readings was performed only when an emission was found to be marginal (within -4 dB of specification limit), and are distinguished with a "QP" in the data table.
- (5) 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.

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

Report No: 0509120 Page 21 of 37

Date: 2006-03-02



7.5 Band Edge Limit

In any 100kHz 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 50dB below that in the 100kHz, 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)).

Page 22 of 37

Report No: 0509120 Date: 2006-03-02



7.6 Band Edge Test Result

Product:	Wireless Camera	Test Mode:	CH1
Test Item:	Fundamental Radiated Emission Data	Temperature:	25
Test Voltage:	7VDC from adaptor	Humidity:	56%
Test Result:	Pass		

Test Figure:



*RBW 1 MHz Delta 2 [T1]

*VBW 1 MHz -0.10 dB

-15.70000000 MHz 97 dBuV/m * Att 0 dB *SWT 10 ms Ref Marker 1 [T1 43.05 dBµV/m -90 2.417600000 GHz -80 -70 TDF -60 PRN -50 40 -30 -20 Center 2.41 GHz 5 MHz/ Span 50 MHz

Date: 2.MAR.2006 15:09:24

Page 23 of 37

Span 50 MHz

Report No: 0509120 Date: 2006-03-02



Band Edge Test Result

Product:	Wireless Camera	Test Mode:	CH4
Test Item:	Fundamental Radiated Emission Data	Temperature:	25
Test Voltage:	7VDC from adaptor	Humidity:	56%
Test Result:	Pass		

Test Figure:



*RBW 1 MHz Delta 2 [T1]

*VBW 1 MHz 1.37 dB

20.00000000 MHz 97 dBuV/m * Att 0 dB *SWT 10 ms Ref Marker 1 [T1 47.50 dBµV/m -90 2.459900000 GHz -80 TDF -60 PRN -50 Mundummingumin 40 -30 -20

5 MHz/

Date: 2.MAR.2006 15:13:39

Center 2.47 GHz

Report No: 0509120 Page 24 of 37

Date: 2006-03-02



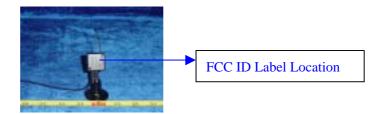
8.0 FCC ID Label

FCC ID: T2WTVT-6018

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:



Page 25 of 37

Report No: 0509120 Date: 2006-03-02

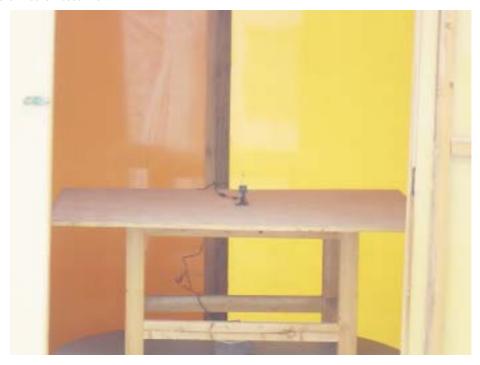


Photo of testing

9.1 Conducted test View--



9.2 Radiated emission test view



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

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for adverting. The client to whom the report is issued may, however, show or send it . or a certified copy there of prepared by the Shenzhen Timeway Technology Consulting co .,Ltd to his customer. Supplier or others persons directly concerned. Shenzhen Timeway Technology Consulting co., Ltd will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting co .,Ltd reserves the rights to withdraw it and to

Page 26 of 37

Report No: 0509120 Date: 2006-03-02



Photo for the EUT

Outside View for Model: TW-6018





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

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co., Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for adverting. The client to whom the report is issued may, however, show or send it . or a certified copy there of prepared by the Shenzhen Timeway Technology Consulting co .,Ltd to his customer. Supplier or others persons directly concerned. Shenzhen Timeway Technology Consulting co., Ltd will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting co .,Ltd reserves the rights to withdraw it and to

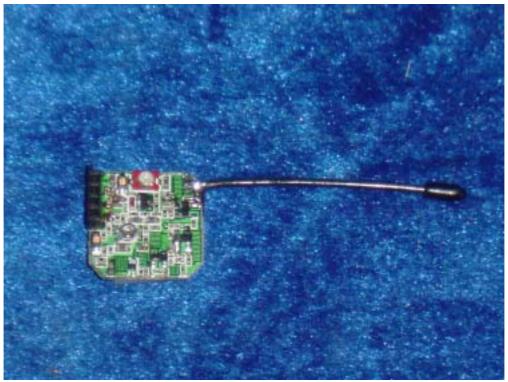
Page 27 of 37

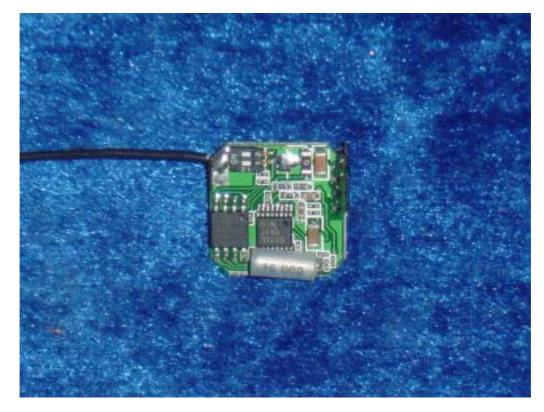
Report No: 0509120 Date: 2006-03-02











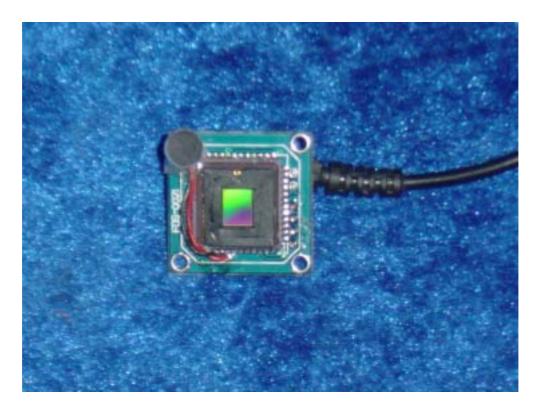
The report refers only to the sample tested and does not apply to the bulk.

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co.,Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for adverting. The client to whom the report is issued may, however, show or send it . or a certified copy there of prepared by the Shenzhen Timeway Technology Consulting co .,Ltd to his customer. Supplier or others persons directly concerned. Shenzhen Timeway Technology Consulting co., Ltd will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting co .,Ltd reserves the rights to withdraw it and to







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

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co.,Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for adverting. The client to whom the report is issued may, however, show or send it . or a certified copy there of prepared by the Shenzhen Timeway Technology Consulting co .,Ltd to his customer. Supplier or others persons directly concerned. Shenzhen Timeway Technology Consulting co., Ltd will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting co .,Ltd reserves the rights to withdraw it and to

Page 30 of 37

Report No: 0509120 Date: 2006-03-02



Outside View for Model: TW-6023

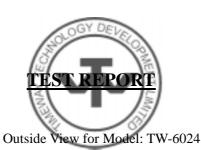




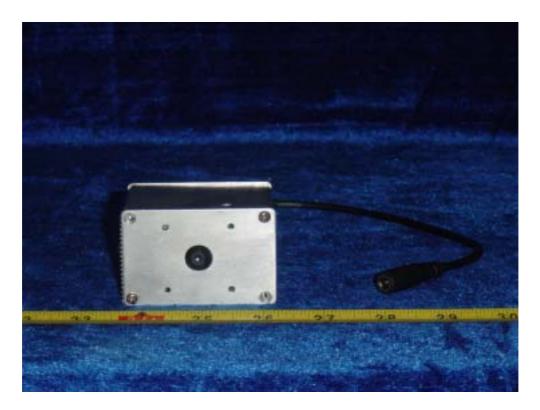
The report refers only to the sample tested and does not apply to the bulk.

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co.,Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for adverting. The client to whom the report is issued may, however, show or send it . or a certified copy there of prepared by the Shenzhen Timeway Technology Consulting co .,Ltd to his customer. Supplier or others persons directly concerned. Shenzhen Timeway Technology Consulting co., Ltd will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting co .,Ltd reserves the rights to withdraw it and to







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

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co.,Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for adverting. The client to whom the report is issued may, however, show or send it . or a certified copy there of prepared by the Shenzhen Timeway Technology Consulting co .,Ltd to his customer. Supplier or others persons directly concerned. Shenzhen Timeway Technology Consulting co., Ltd will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting co .,Ltd reserves the rights to withdraw it and to

Page 32 of 37

Report No: 0509120 Date: 2006-03-02







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

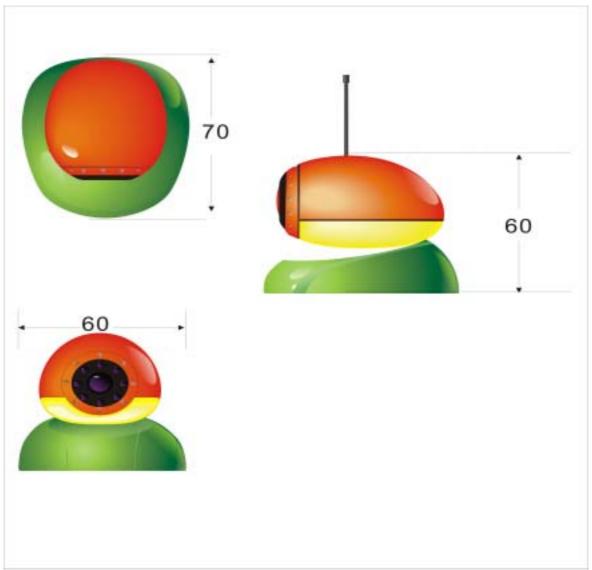
This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co.,Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for adverting. The client to whom the report is issued may, however, show or send it . or a certified copy there of prepared by the Shenzhen Timeway Technology Consulting co .,Ltd to his customer. Supplier or others persons directly concerned. Shenzhen Timeway Technology Consulting co., Ltd will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting co .,Ltd reserves the rights to withdraw it and to

Page 33 of 37

Report No: 0509120 Date: 2006-03-02







Outside View for Model: TW-8160



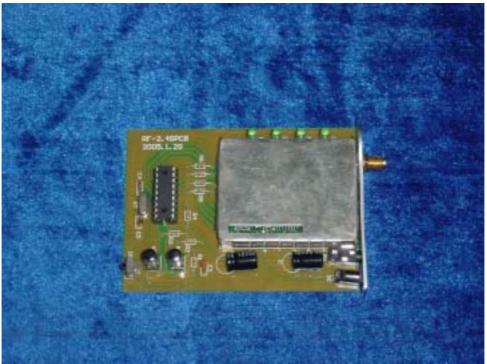


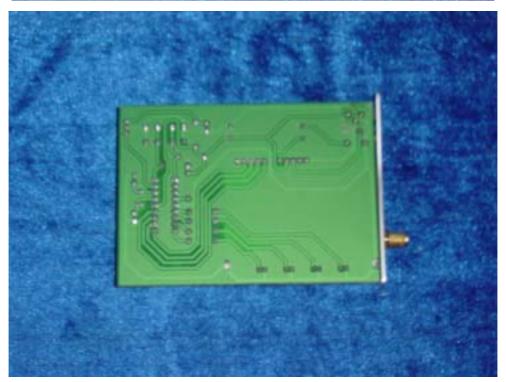
The report refers only to the sample tested and does not apply to the bulk.

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co.,Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for adverting. The client to whom the report is issued may, however, show or send it . or a certified copy there of prepared by the Shenzhen Timeway Technology Consulting co .,Ltd to his customer. Supplier or others persons directly concerned. Shenzhen Timeway Technology Consulting co., Ltd will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting co .,Ltd reserves the rights to withdraw it and to







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

This report is issued in confidence to the client and it will be strictly treated as such by the Shenzhen Timeway Technology Consulting Co.,Ltd. It may not be reproduced rather in its entirety or in part and it may not be used for adverting. The client to whom the report is issued may, however, show or send it . or a certified copy there of prepared by the Shenzhen Timeway Technology Consulting co .,Ltd to his customer. Supplier or others persons directly concerned. Shenzhen Timeway Technology Consulting co., Ltd will not, without the consent of the client enter into any discussion of correspondence with any third party concerning the contents of the report.

In the event of the improper use of the report. The Shenzhen Timeway Technology Consulting co .,Ltd reserves the rights to withdraw it and to

Page 36 of 37

Report No: 0509120 Date: 2006-03-02

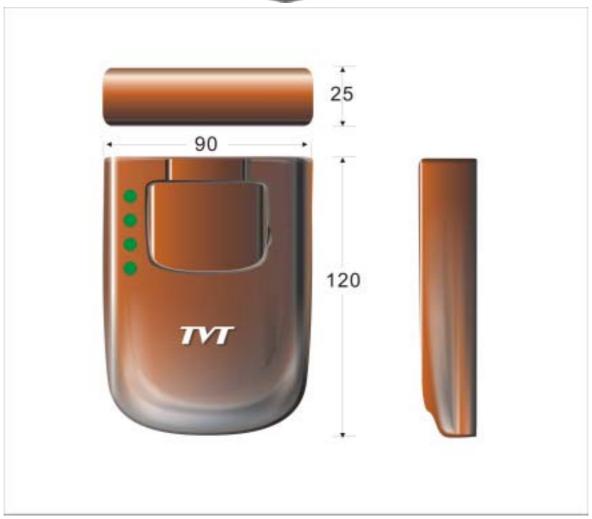


4-Channel Receiver CCTV-2400RS AUDHO 8 9 4

Page 37 of 37

Report No: 0509120 Date: 2006-03-02





-- End of the report--