

APPLICATION FOR VERIFICATION
On Behalf of
Shenzhen Wintop Optical Technology Co., Ltd

10/100/1000 Media Converter
Model No.: WT-8100G

Prepared for : Shenzhen Wintop Optical Technology Co., Ltd
Address : 6/f, Bldg. 1, Sec. 3, South area, Honghualing Industrial
Zone Xili Town, Nanshan District, Shenzhen China

Prepared by : Accurate Technology Co., Ltd.
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Report No. : ATE20150259
Date of Test : February 4, 2015
Date of Report : February 6, 2015

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Test Report Declaration

Applicant : Shenzhen Wintop Optical Technology Co., Ltd
Manufacturer : Shenzhen Wintop Optical Technology Co., Ltd
Product : 10/100/1000 Media Converter
(A) Model No.: WT-8100G
(B) Rating: Input: DC 5V (Power by adapter)

Measurement Procedure Used:


FCC Rules and Regulations Part 15 Subpart B Class B & ANSI C63.4: 2009

The device described above is tested by Accurate Technology Co., Ltd. to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart B Class B limits both radiated and conducted emissions. The measurement results are contained in this test report and Accurate Technology Co., Ltd. is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Accurate Technology Co., Ltd.

Date of Test : February 4, 2015
Date of Report : February 6, 2015

Prepared by : 

Approved & Authorized Signer : 
(Manager)

1. TEST RESULTS SUMMARY

Test Items	Test Standard	Test Results
Power Line Conducted Emission	FCC Part 15 Subpart B	Pass
Radiated Emission	FCC Part 15 Subpart B	Pass

2. GENERAL INFORMATION

2.1. Product of Device (EUT)

Product : 10/100/1000 Media Converter

Model No. : WT-8100G

Rating : DC 5V (Power by adapter)

Trade Mark : WT

Applicant : Shenzhen Wintop Optical Technology Co., Ltd

Address : 6/f, Bldg. 1, Sec, 3, South area, Honghualing Industrial Zone Xili Town, Nanshan District, Shenzhen China

Manufacturer : Shenzhen Wintop Optical Technology Co., Ltd
Address : 6/f, Bldg. 1, Sec, 3, South area, Honghualing Industrial Zone Xili Town, Nanshan District, Shenzhen China

Date of sample received : February 2, 2015

Date of Test : February 4, 2015

2.2. Accessory and Auxiliary Equipment

N/A

2.3. Description of Test Facility

EMC Lab : Accredited by TUV Rheinland Shenzhen, May 10, 2004

Listed by FCC
The Registration Number is 253065

Listed by FCC
The Registration Number is 752051

Listed by Industry Canada
The Registration Number is 5077A-1

Listed by Industry Canada
The Registration Number is 5077A-2

Accredited by China National Accreditation Committee for Laboratories
The Certificate Registration Number is L3193

Name of Firm : Accurate Technology Co., Ltd.
Site Location : F1, Bldg. A&D, Changyuan New Material Port, Keyuan Rd., Science & Industry Park, Nanshan District, Shenzhen 518057, P.R. China

2.4. Measurement Uncertainty

Conducted emission expanded uncertainty : U=2.23dB, k=2

Power disturbance expanded uncertainty : U=2.92dB, k=2

Radiated emission expanded uncertainty : U=3.08dB, k=2
(9kHz-30MHz)

Radiated emission expanded uncertainty : U=4.42dB, k=2
(30MHz-1000MHz)

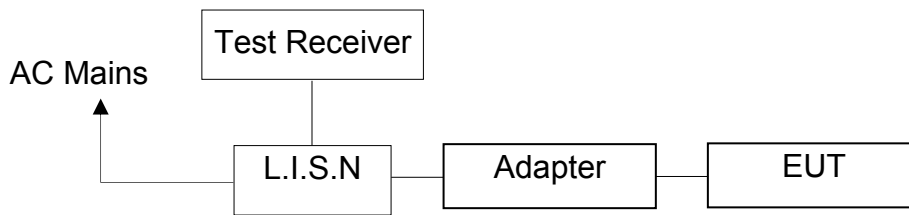
Radiated emission expanded uncertainty : U=4.06dB, k=2
(Above 1GHz)

3. POWER LINE CONDUCTED MEASUREMENT

3.1. For Power Line Conducted Emission

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESCS30	100307	Jan.10, 2015	1 Year
2.	Test Receiver	Rohde & Schwarz	ESPI	100396/003	Jan.10, 2015	1 Year
3.	Test Receiver	Rohde & Schwarz	ESPI	101526/003	Jan.10, 2015	1 Year
4.	Test Receiver	Rohde & Schwarz	ESR	101817	Jan.10, 2015	1 Year
5.	L.I.S.N.	Schwarzbeck	NLSK8126	8126431	Jan.10, 2015	1 Year
6.	L.I.S.N.	Rohde & Schwarz	ESH3-Z5	100305	Jan.10, 2015	1 Year
7.	L.I.S.N.	Rohde & Schwarz	ESH3-Z5	100310	Jan.10, 2015	1 Year
8.	L.I.S.N.	Rohde & Schwarz	ESH3-Z6	100132	Jan.10, 2015	1 Year
9.	L.I.S.N.	Rohde & Schwarz	ESH3-Z6	100979	Jan.10, 2015	1 Year
10.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100305	Jan.10, 2015	1 Year
11.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100312	Jan.10, 2015	1 Year
12.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100815	Jan.10, 2015	1 Year
13.	50Ω Coaxial Switch	Anritsu Corp	MP59B	620028393 6	Jan.10, 2015	1 Year
14.	50Ω Coaxial Switch	Anritsu Corp	MP59B	620028393 3	Jan.10, 2015	1 Year
15.	50Ω Coaxial Switch	Anritsu Corp	MP59B	620050647 4	Jan.10, 2015	1 Year
16.	VOLTAGE PROBE	Schwarzbeck	TK9416	N/A	Jan.10, 2015	1 Year
17.	RF CURRENT PROBE	Rohde & Schwarz	EZ-17	100048	Jan.10, 2015	1 Year
18.	8-Wire Impedance Stabilisation Network	Schwarzbeck	CAT5 8158	8158-0035	Jan.10, 2015	1 Year
19.	RF Coaxial Cable	SUHNER	N-2m	No.2	Jan.10, 2015	1 Year
20.	RF Coaxial Cable	SUHNER	N-2m	No.3	Jan.10, 2015	1 Year
21.	RF Coaxial Cable	SUHNER	N-2m	No.14	Jan.10, 2015	1 Year

3.2. Block Diagram of Test Setup



(EUT: 10/100/1000 Media Converter)

3.3. Power Line Conducted Emission Measurement Limits (Class B)

Frequency MHz	Limits dB(μ V)	
	Quasi-peak Level	Average Level
0.15—0.50	66—56*	56—46*
0.50—5.00	56	46
5.00—30.0	60	50

Notes: 1. *Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

3.4. Configuration of EUT on Measurement

The following equipments are installed on Power Line Conducted Emission Measurement to meet the commission requirement and operating regulations in a manner, which tends to maximize its emission characteristics in a normal application.

3.4.1. 10/100/1000 Media Converter (EUT)

Model Number: WT-8100G

Serial Number: N/A

Manufacturer: Shenzhen Wintop Optical Technology Co., Ltd

3.5. Operating Condition of EUT

3.5.1. Setup the EUT and simulator as shown as Section 3.2.

3.5.2. Turn on the power of all equipment.

3.5.3. Let the EUT work in test mode (On) and measure it.

3.6. Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of DC lines are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4: 2009 on Conducted Emission Measurement.

The bandwidth of test receiver (R & S ESCS30) is set at 9kHz.

The frequency range from 150kHz to 30MHz is checked.

3.7. Power Line Conducted Emission Measurement Results

PASS.

Test Mode: On								
MEASUREMENT RESULT: "XHE015_fin"								
2015-2-4 14:20								
Frequency MHz	Level dB μ V	Transd dB	Limit dB μ V	Margin dB	Detector	Line	PE	
0.202000	48.60	10.6	64	14.9	QP	L1	GND	
0.890000	41.60	11.6	56	14.4	QP	L1	GND	
11.319500	38.60	11.9	60	21.4	QP	L1	GND	
MEASUREMENT RESULT: "XHE015_fin2"								
2015-2-4 14:20								
Frequency MHz	Level dB μ V	Transd dB	Limit dB μ V	Margin dB	Detector	Line	PE	
0.204000	41.10	10.6	53	12.3	AV	L1	GND	
2.702000	38.00	11.7	46	8.0	AV	L1	GND	
7.292000	38.80	11.8	50	11.2	AV	L1	GND	
MEASUREMENT RESULT: "XHE016_fin"								
2015-2-4 14:23								
Frequency MHz	Level dB μ V	Transd dB	Limit dB μ V	Margin dB	Detector	Line	PE	
0.202000	47.50	10.6	64	16.0	QP	N	GND	
0.882000	41.30	11.6	56	14.7	QP	N	GND	
7.557500	40.60	11.8	60	19.4	QP	N	GND	
MEASUREMENT RESULT: "XHE016_fin2"								
2015-2-4 14:23								
Frequency MHz	Level dB μ V	Transd dB	Limit dB μ V	Margin dB	Detector	Line	PE	
0.158000	42.30	10.4	56	13.3	AV	N	GND	
2.702000	38.10	11.7	46	7.9	AV	N	GND	
7.832000	39.40	11.8	50	10.6	AV	N	GND	

Emissions attenuated more than 20 dB below the permissible value are not reported.

The spectral diagrams are shown in the following pages.

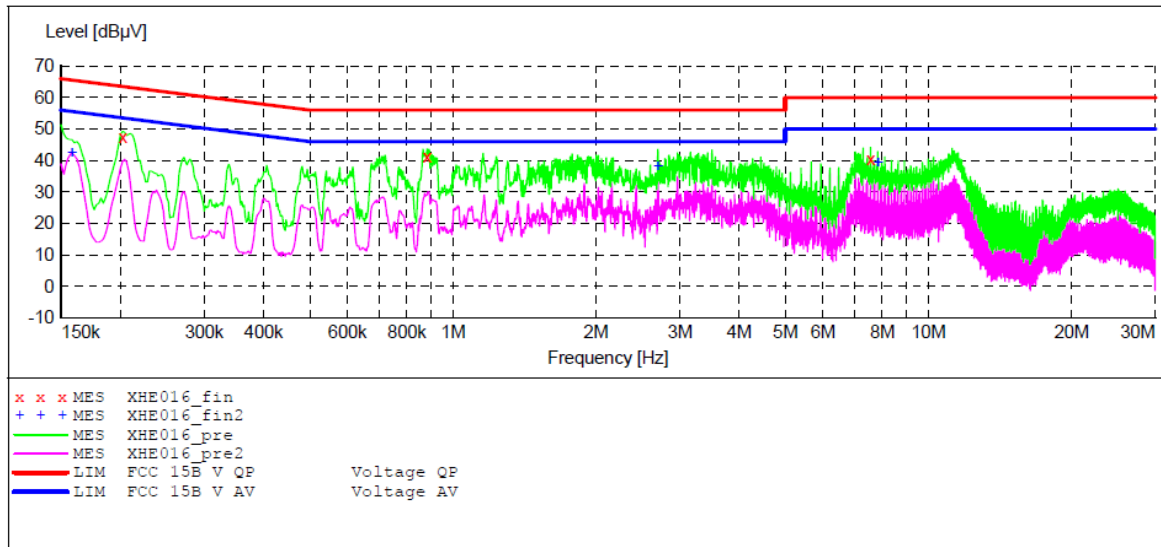
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: 10/100/1000 Media Converter M/N:WT-8100G
 Manufacturer: Wintop
 Operating Condition: ON
 Test Site: 2#Shielding Room
 Operator: STAR
 Test Specification: N 120V/60Hz
 Comment: Report No.:ATE20150259
 Start of Test: 2015-2-4 / 14:20:48

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5)
 Average



MEASUREMENT RESULT: "XHE016_fin"

2015-2-4 14:23

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.202000	47.50	10.6	64	16.0	QP	N	GND
0.882000	41.30	11.6	56	14.7	QP	N	GND
7.557500	40.60	11.8	60	19.4	QP	N	GND

MEASUREMENT RESULT: "XHE016_fin2"

2015-2-4 14:23

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.158000	42.30	10.4	56	13.3	AV	N	GND
2.702000	38.10	11.7	46	7.9	AV	N	GND
7.832000	39.40	11.8	50	10.6	AV	N	GND

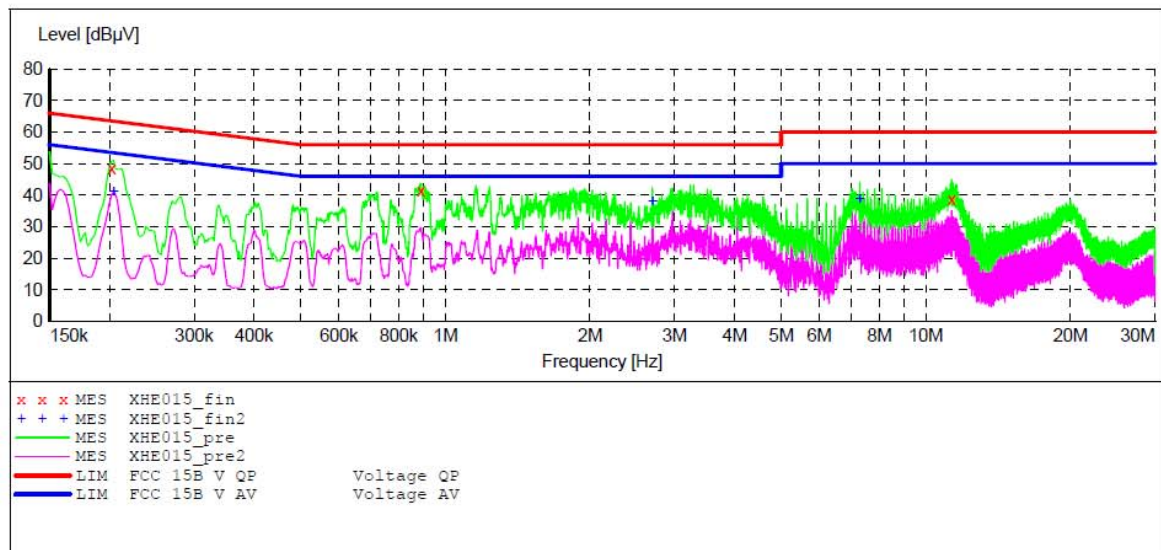
ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD FCC PART 15B

EUT: 10/100/1000 Media Converter M/N:WT-8100G
 Manufacturer: Wintop
 Operating Condition: ON
 Test Site: 2#Shielding Room
 Operator: STAR
 Test Specification: L 120V/60Hz
 Comment: Report No.:ATE20150259
 Start of Test: 2015-2-4 / 14:17:37

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70
 Start Stop Step Detector Meas. IF Transducer
 Frequency Frequency Width Time Bandw.
 150.0 kHz 30.0 MHz 4.5 kHz QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5)
 Average



MEASUREMENT RESULT: "XHE015_fin"

2015-2-4 14:20

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.202000	48.60	10.6	64	14.9	QP	L1	GND
0.890000	41.60	11.6	56	14.4	QP	L1	GND
11.319500	38.60	11.9	60	21.4	QP	L1	GND

MEASUREMENT RESULT: "XHE015_fin2"

2015-2-4 14:20

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.204000	41.10	10.6	53	12.3	AV	L1	GND
2.702000	38.00	11.7	46	8.0	AV	L1	GND
7.292000	38.80	11.8	50	11.2	AV	L1	GND

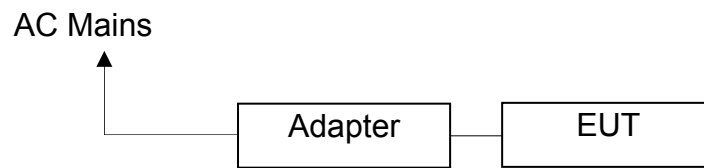
4. RADIATED EMISSION MEASUREMENT

4.1. For Radiated Emission Measurement

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan.10, 2015	1 Year
2.	Spectrum Analyzer	Rohde&Schwarz	FSV40	101495	Jan.10, 2015	1 Year
3.	Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan.10, 2015	1 Year
4.	Test Receiver	Rohde& Schwarz	ESPI	100396/003	Jan.10, 2015	1 Year
5.	Test Receiver	Rohde& Schwarz	ESPI	101526/003	Jan.10, 2015	1 Year
6.	Test Receiver	Rohde& Schwarz	ESR	101817	Jan.10, 2015	1 Year
7.	Bilog Antenna	Schwarzbeck	VULB9163	9163-194	Jan.15, 2015	1 Year
8.	Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan.15, 2015	1 Year
9.	Log.-Per.Antenna	Schwarzbeck	VUSLP 9111B	9111B-074	Jan.15, 2015	1 Year
10.	Biconical Broad Band Antenna	Schwarzbeck	VHBB 9124+BBA 9106	9124-617	Jan.15, 2015	1 Year
11.	Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan.15, 2015	1 Year
12.	Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan.15, 2015	1 Year
13.	Horn Antenna	Schwarzbeck	BBHA9120D	9120D-1067	Jan.15, 2015	1 Year
14.	Vertical Active Monopole Antenna	Schwarzbeck	VAMP 9243	9243-370	Jan.15, 2015	1 Year
15.	RF Switching Unit+PreAMP	Compliance Direction	RSU-M2	38322	Jan.10, 2015	1 Year
16.	Pre-Amplifier	Agilent	8447D	294A10619	Jan.10, 2015	1 Year
17.	Pre-Amplifier	Rohde&Schwarz	CBLU11835 40-01	3791	Jan.10, 2015	1 Year
18.	50 Coaxial Switch	Anritsu Corp	MP59B	6200237248	Jan.10, 2015	1 Year
19.	50 Coaxial Switch	Anritsu Corp	MP59B	6200506474	Jan.10, 2015	1 Year
20.	RF Coaxial Cable	Schwarzbeck	N-5m	No.1	Jan.10, 2015	1 Year
21.	RF Coaxial Cable	Schwarzbeck	N-1m	No.6	Jan.10, 2015	1 Year
22.	RF Coaxial Cable	Schwarzbeck	N-1m	No.7	Jan.10, 2015	1 Year
23.	RF Coaxial Cable	SUHNER	N-3m	No.8	Jan.10, 2015	1 Year
24.	RF Coaxial Cable	RESENBERGER	N-3.5m	No.9	Jan.10, 2015	1 Year
25.	RF Coaxial Cable	SUHNER	N-6m	No.10	Jan.10, 2015	1 Year
26.	RF Coaxial Cable	RESENBERGER	N-12m	No.11	Jan.10, 2015	1 Year
27.	RF Coaxial Cable	RESENBERGER	N-0.5m	No.12	Jan.10, 2015	1 Year
28.	RF Coaxial Cable	SUHNER	N-2m	No.13	Jan.10, 2015	1 Year
29.	RF Coaxial Cable	SUHNER	N-0.5m	No.15	Jan.10, 2015	1 Year
30.	RF Coaxial Cable	SUHNER	N-2m	No.16	Jan.10, 2015	1 Year
31.	RF Coaxial Cable	RESENBERGER	N-6m	No.17	Jan.10, 2015	1 Year

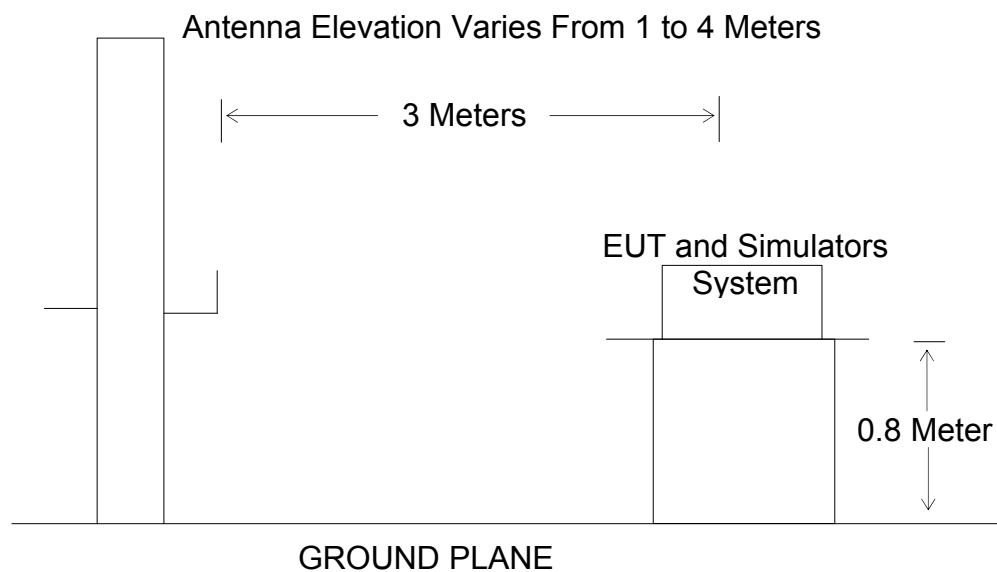
4.2. Block Diagram of Test Setup

4.2.1. Block diagram of connection between the EUT and simulators



(EUT: 10/100/1000 Media Converter)

4.2.2. Anechoic Chamber Test Setup Diagram



(EUT: 10/100/1000 Media Converter)

4.3. Radiated Emission Limit (Class B)

Frequency MHz	Distance Meters	Field Strengths Limit	
		$\mu\text{V/m}$	$\text{dB}(\mu\text{V/m})$
30-88	3	100	40.0
88-216	3	150	43.5
216-960	3	200	46.0
960-1000	3	500	54.0

Remark: (1) Emission level $\text{dB}(\mu\text{V}) = 20 \log$ Emission level $\mu\text{V/m}$.
 (2) The smaller limit shall apply at the cross point between two frequency bands.
 (3) Distance is the distance in meters between the measuring instrument antenna and the closest point of any part of the device or system.

4.4.EUT Configuration on Measurement

The following equipment is installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

4.4.1. 10/100/1000 Media Converter (EUT)

Model Number: WT-8100G

Serial Number: N/A

Manufacturer: Shenzhen Wintop Optical Technology Co., Ltd

4.5.Operating Condition of EUT

4.5.1.Setup the EUT and simulator as shown as Section 4.2.

4.5.2.Turn on the power of all equipment.

4.5.3.Let the EUT work in test mode (On) and measure it.

4.6.Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4: 2009 on radiated emission measurement.

The bandwidth of the EMI test receiver (R&S ESCS30) is set at 120kHz from 30MHz to 1000MHz.

The frequency range from 30MHz to 1000MHz is checked.

4.7.Radiated Emission Noise Measurement Result

PASS.

Model Number: WT-8100G								
Test mode: On								
Alow 1G								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	175.6565	61.76	-22.26	39.50	43.50	-4.00	QP
	2	249.1237	63.55	-19.73	43.82	46.00	-2.18	QP
	3	635.5576	49.54	-10.96	38.58	46.00	-7.42	QP
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	77.1962	56.10	-21.52	34.58	40.00	-5.42	QP
	2	249.1237	61.26	-19.73	41.53	46.00	-4.47	QP
	3	635.5576	50.17	-10.96	39.21	46.00	-6.79	QP

Model Number: WT-8100G								
Test mode: On								
Above 1G								
Horizontal	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	1230.347	57.84	-4.07	53.77	74.00	-20.23	peak
	2	1230.347	53.10	-4.07	49.03	54.00	-4.97	AVG
Vertical	No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector
	1	1230.347	54.92	-4.07	50.85	74.00	-23.15	peak
	2	1230.347	50.10	-4.07	46.03	54.00	-7.97	AVG

Job No.: STAR2015 #177

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: 10/100/1000 Media Converter

Mode: ON

Model: WT-8100G

Manufacturer: Wintop

Polarization: Horizontal

Power Source: AC 120V/60Hz

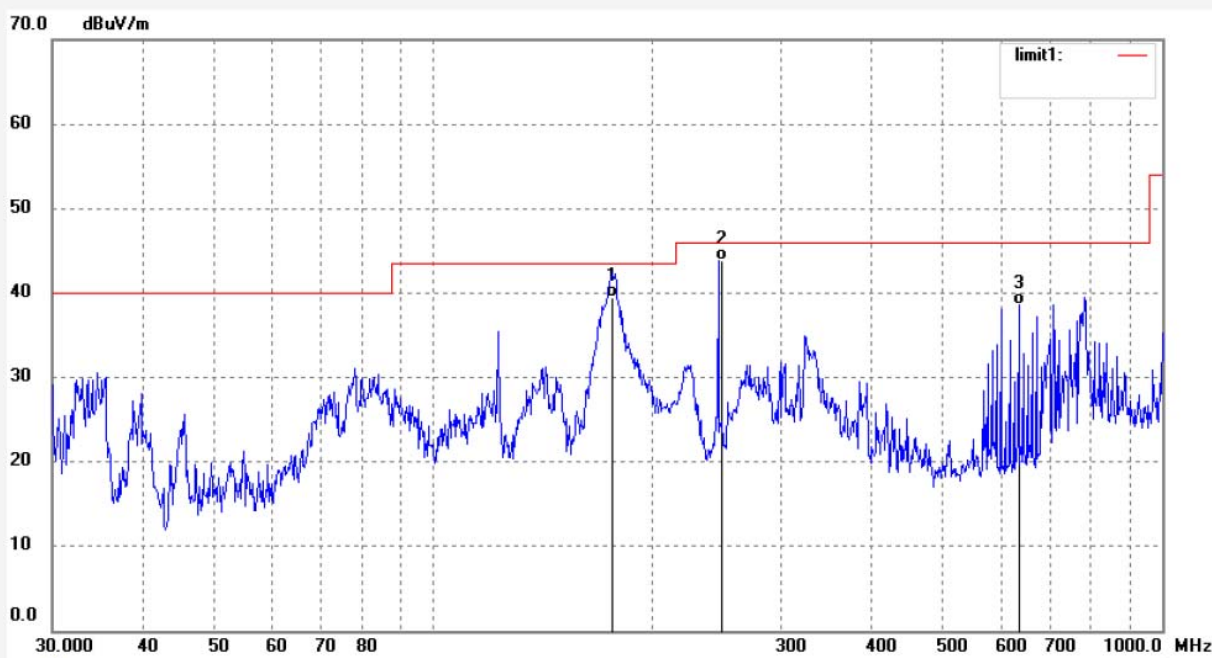
Date: 15/02/04/

Time: 13/53/07

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20150259



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	175.6565	61.76	-22.26	39.50	43.50	-4.00	QP			
2	249.1237	63.55	-19.73	43.82	46.00	-2.18	QP			
3	635.5576	49.54	-10.96	38.58	46.00	-7.42	QP			

Job No.: STAR2015 #178

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: 10/100/1000 Media Converter

Mode: ON

Model: WT-8100G

Manufacturer: Wintop

Polarization: Vertical

Power Source: AC 120V/60Hz

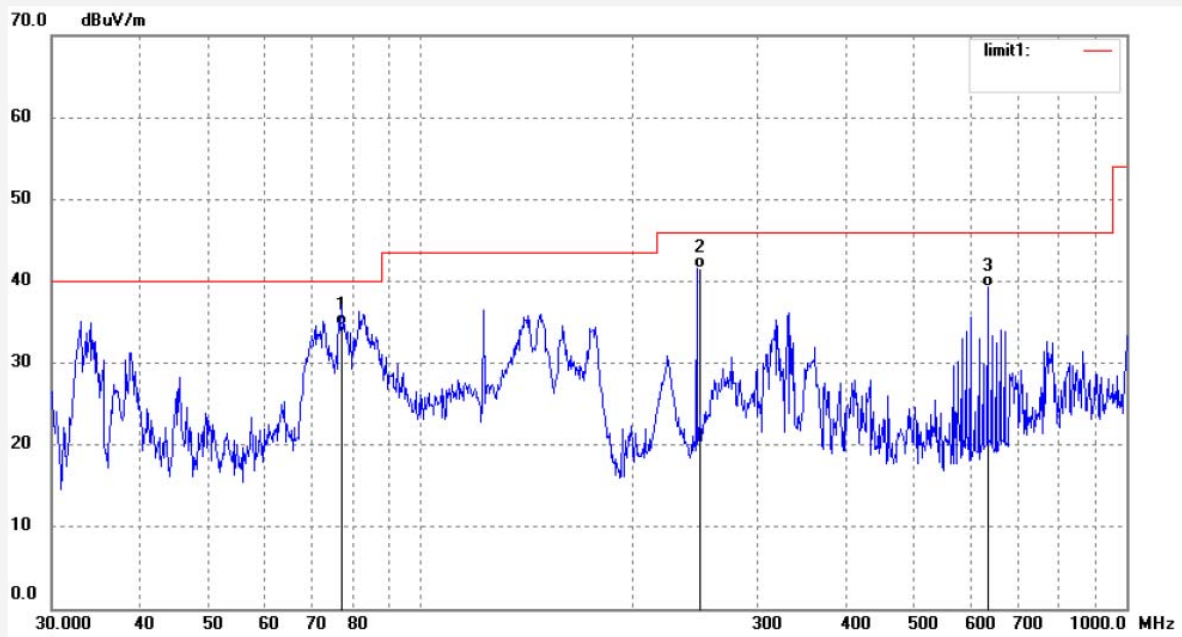
Date: 15/02/04/

Time: 13/54/03

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20150259



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	77.1962	56.10	-21.52	34.58	40.00	-5.42	QP			
2	249.1237	61.26	-19.73	41.53	46.00	-4.47	QP			
3	635.5576	50.17	-10.96	39.21	46.00	-6.79	QP			



ACCURATE TECHNOLOGY CO., LTD.

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Report No.: ATE20150259

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Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: STAR2015 #179

Standard: FCC PK

Test item: Radiation Test

Temp.(C)/Hum.(%) 25 C / 55 %

EUT: 10/100/1000 Media Converter

Mode: ON

Model: WT-8100G

Manufacturer: Wintop

Polarization: Horizontal

Power Source: AC 120V/60Hz

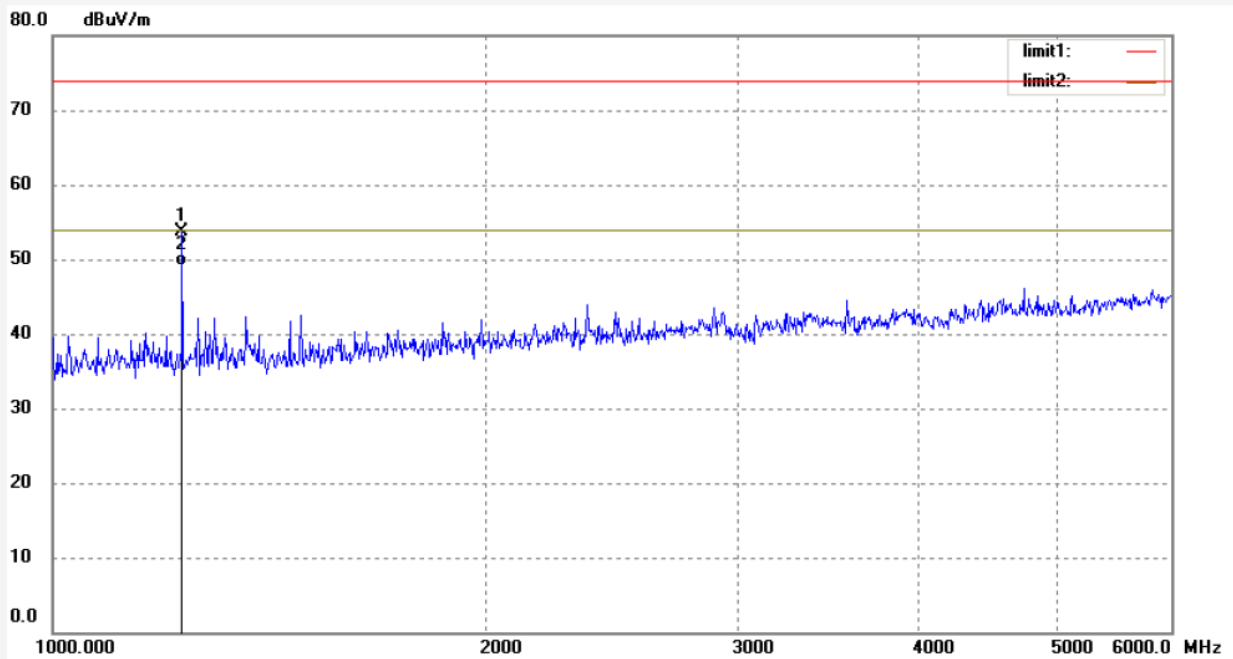
Date: 15/02/04/

Time: 13/55/52

Engineer Signature:

Distance: 3m

Note: Report No.:ATE20150259



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1230.347	57.84	-4.07	53.77	74.00	-20.23	peak			
2	1230.347	53.10	-4.07	49.03	54.00	-4.97	AVG			



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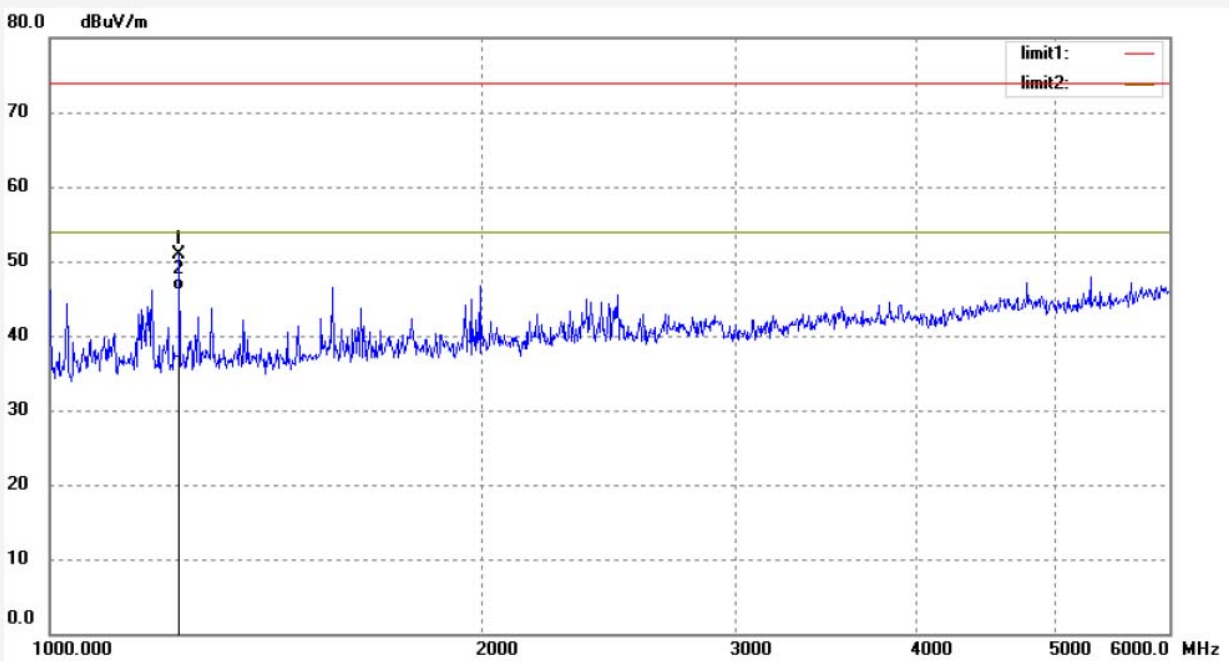
Site: 1# Chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: STAR2015 #180	Polarization: Vertical
Standard: FCC PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 15/02/04/
Temp.(C)/Hum.(%) 25 C / 55 %	Time: 13/57/54
EUT: 10/100/1000 Media Converter	Engineer Signature:
Mode: ON	Distance: 3m
Model: WT-8100G	
Manufacturer: Wintop	

Note: Report No.:ATE20150259



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	1230.347	54.92	-4.07	50.85	74.00	-23.15	peak			
2	1230.347	50.10	-4.07	46.03	54.00	-7.97	AVG			

5. PHOTOGRAPHS

5.1. Photos of Power Line Conducted Measurement



5.2. Photos of Radiated Measurement



5.3.Photo of EUT

