SHENZHEN MOST ELECTRONICS CO., LTD.
Tel:(86) 755-26825180 Fax:(86) 755-86170310
Http:// www. szmost.com Email: szmost@szmost.com

Test Report

Product Name: LED Day Light Lamp
Model No.: YH-T8-8W

FCC ID: WM6-YH-T8-8W01

Applicant:

RODAN(TAIWAN)LTD.
No.11, NanHung Rd., TEPZ Tanzih, Taichung County 427, Taiwan (R.O.C.)

Date Received: 31/08/2008

Date Tested: 30/08/2008

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TEST REPORT CONTAINING:

EXHIBIT INCLUDED:

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EMC Equipment List

Test Equipment	Manufacturer	Model	Serial No.	Last Cal.	Cal. Due
EMI Test Receiver	R&S	ESCS 30	640101048	2008-06-07	2009-06-07
LISN	R&S	ESH2-Z5	640201028-02	2008-06-07	2009-06-07
EMI Test Receiver	R&S	ESMI	640201028	2008-06-07	2009-06-07
BiConiLog antenna	ETS•Lindgren	3142B	00026414	2008-06-07	2009-06-07
Double ridge horn Antenna	EMCO	3115	640201028-08	2008-06-07	2009-06-07
Chamber	ETS•Lindgren	RFSD-F-100	2693	2008-06-07	2009-06-07
Radio communication tester	R&S	CMU200	106389	2008-06-07	2009-06-07

Remark:

Test Firm Name: CHINA CEPREI (HEADQUARTERS) LABORATORY
Test Firm Address: NO 110 DONGGUANZHUANG ROAD, TIANHE DISTRICT, GUANGZHOU 510610, P.R. CHINA
FCC Registered Test Site Number: 258518

TEST PROCEDURE

GENERAL: This report shall NOT be reproduced except in full without the written approval of MOST TECHNOLOGY SERVICE CO., LTD. The EUT was transmitting a test signal during the testing.

POWER LINE CONDUCTED INTERFERENCE: The test procedure used was ANSI Standard C63.4-2003 using a 50uH LISN. Both Lines were observed. The bandwidth of the receiver was 10kHz with an appropriate sweep speed. The ambient temperature of the EUT was 25℃ with a humidity of 58%.

RADIATION INTERFERENCE: The test procedure used was ANSI Standard C63.4-2003 using a ANRITSU spectrum analyzer with a pre-selector. The analyzer was calibrated in dB above a micro volt at the output of the antenna. The resolution bandwidth was 100 kHz and the video bandwidth was 300 kHz up to 1 GHz and 1 MHz with a video BW of 3 MHz above 1 GHz. The ambient temperature of the EUT was 25℃ with a humidity of 58%.

FORMULA OF CONVERSION FACTORS: The Field Strength at 3m was established by adding the meter reading of the spectrum analyzer (which is set to read in units of dBuV) to the antenna correction factor supplied by the antenna manufacturer and cable loss. The antenna correction factors and cable loss are stated in terms of dB. The gain of the Pre-selector was accounted for in the Spectrum Analyzer Meter Reading.

Example:
Freq (MHz) METER READING + ACF + CABLE = FS
33 20 dBuV + 10.36 dB + 0.9 dB= 31.26 dBuV/m @ 3m

ANSI STANDARD C63.4-2003 10.1.7 MEASUREMENT PROCEDURES: The EUT was placed on a table 80 cm high and with dimensions of 1m by 1.5m. The EUT was placed in the center of the table (1.5m side). The table used for radiated measurements is capable of continuous rotation. The spectrum was scanned from 30 MHz to 10th harmonic of the fundamental.

Peak readings were taken in three (3) orthogonal planes and the highest readings were converted to average readings based on the duration of "ON" time.

When an emission was found, the table was rotated to produce the maximum signal strength. At this point, the antenna was raised and lowered from 1m to 4m. The antenna was placed in both the horizontal and vertical planes.

The situation was similar for the conducted measurement except that the table did not rotate. The EUT was setup as described in ANSI Standard C63.4-2003 10.1.7 with the EUT 40 cm from the vertical ground wall.

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APPLICANT: RODAN(TAIWAN)LTD.

FCC ID: WM6-YH-T8-8W01

NAME OF TEST: POWER LINE CONDUCTED INTERFERENCE

RULES PART NUMBER: 18.307, 18.311

MINIMUM REQUIREMENTS:

FREQUENCY MHz	**LEVEL dBuV**	
	QP	AV
0.15-0.5	66 to 56*	56 to 46*
0.5-0.5	56	46
5-30	60	50

*Decreases with the logarithm of the frequency

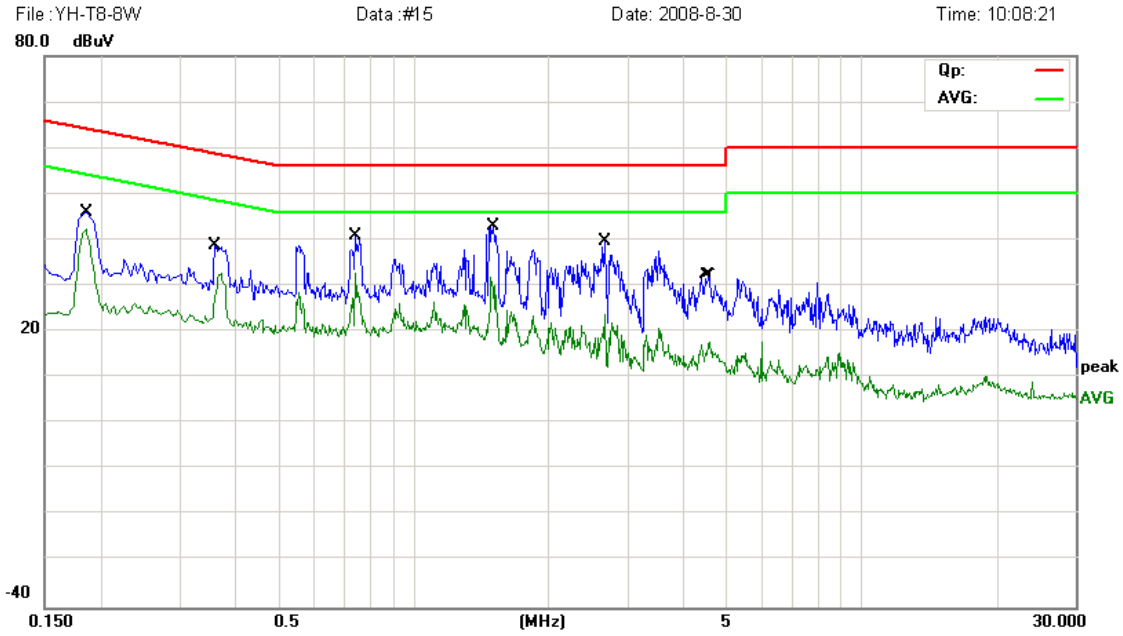
TEST PROCEDURE: ANSI STANDARD C63.4-2003

THE HIGHEST EMISSION READ FOR LINE 1 WAS 43.00dBuV @ 1.51MHz.

THE HIGHEST EMISSION READ FOR LINE 2 WAS 47.20dBuV @ 0.19MHz.

THE PLOTS ON THE NEXT PAGE REPRESENT THE EMISSIONS READ FOR POWER LINE CONDUCTED FOR THIS DEVICE.

Conducted Emission Measurement



Site site #1
Limit: FCC Part 18 Conduction QP
EUT: LED Day Light Lamp
M/N: YH-T8-8W
Mode: ON
Note:

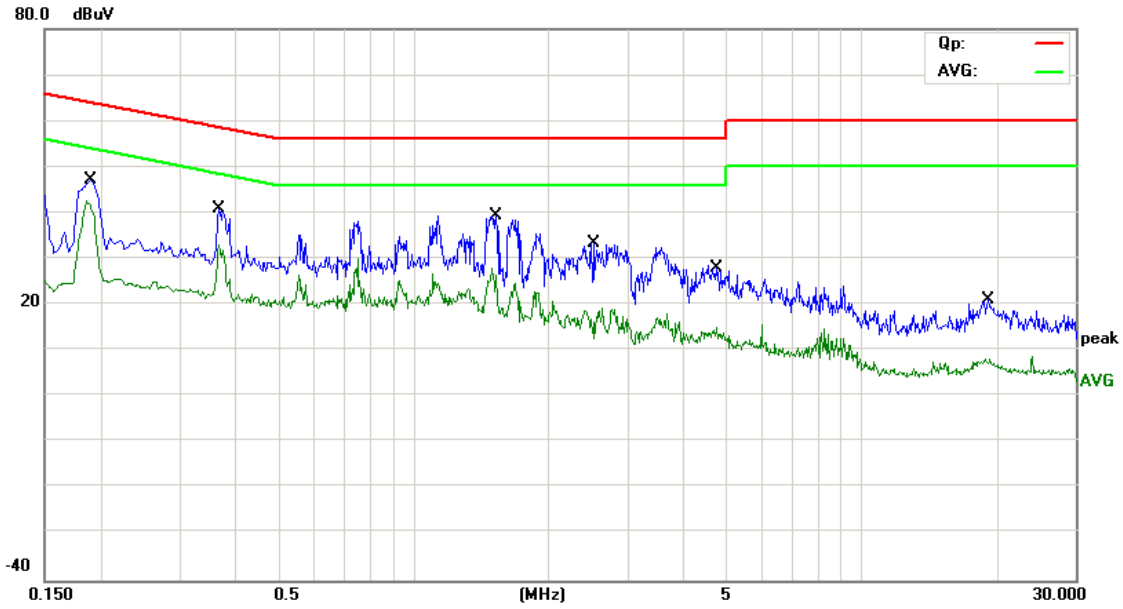
Phase: *N*
Power: AC 120V/60Hz

Temperature: 26
Humidity: 60 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1860	34.81	11.16	45.97	64.21	-18.24	QP	
2		0.3620	27.78	10.92	38.70	58.68	-19.98	QP	
3		0.7460	30.91	10.00	40.91	56.00	-15.09	QP	
4	*	1.5100	33.51	9.49	43.00	56.00	-13.00	QP	
5		4.7700	16.0	11.77	27.77	56.00	-28.23	QP	
6		2.6700	29.86	9.67	39.53	56.00	-16.47	QP	

Conducted Emission Measurement

File : YH-T8-8W Data :#16 Date: 2008-8-30 Time: 10:12:09



Site site #1 Phase: L1 Temperature: 26
Limit: FCC Part 18 Conduction QP Power: AC 120V/60Hz Humidity: 60 %
EUT: LED Day Light Lamp
M/N: YH-T8-8W
Mode: ON
Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1900	35.80	11.40	47.20	64.03	-16.83	QP	
2		0.3700	29.85	10.87	40.72	58.50	-17.78	QP	
3	*	1.5339	29.94	9.47	39.41	56.00	-16.59	QP	
4		2.5260	23.93	9.53	33.46	56.00	-22.54	QP	
5		4.7700	16.19	11.77	27.96	56.00	-28.04	QP	
6		19.2180	11.97	9.00	20.97	60.00	-39.03	QP	

APPLICANT: RODAN(TAIWAN)LTD.

FCC ID: WM6-YH-T8-8W01

NAME OF TEST: RADIATION INTERFERENCE

RULES PART NUMBER: 18.305, 18.311

REQUIREMENTS:

S18.305
0.009-30 MHz 63.5dBuV/m @3M

Test Data:

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

Frequency (MHz)	Emission Level (dBuV/m)			FCC 18 Limit (dBuV/m)
	Avg	QP	Peak	
0.21	--	--	18.5	63.5
0.30	--	--	16.8	63.5
7.52	--	--	17.8	63.5
19.4	--	--	20.5	63.5