

CE TEST REPORT

for

N760Solar wall lamp

Model: N710A

Prepared for: ShenZhen ruocin Technology Co.,Ltd
Second Industrial Zone, fuyong Town Bao'an District Shenzhen China

Prepared by: Shenzhen TCT Testing Technology Co.,Ltd
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Date of Test: Mar.10, 2014~Mar.17, 2014

Date of Issue: Mar.17, 2014

Tested By

Tiny Yang
Tiny Yang

Reported By

Amy Cai
Amy Cai

Reviewed By



The results detailed in this test report relate only to the specific sample(s) tested. It is the Application's responsibility to ensure that all production units are manufactured with equivalent EMC characteristics. This report is not to be reproduced except in full, without written approval from TCT Testing Technology.

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1.0 General Information

1.1 Client Information

Application:	ShenZhen ruocin Technology Co.,Ltd
Address of Application:	Second Industrial Zone, fuyong Town Bao'an District Shenzhen China
Manufacturer:	ShenZhen ruocin Technology Co.,Ltd
Address of Manufacturer:	Second Industrial Zone, fuyong Town Bao'an District Shenzhen China

1.2 General Description of E.U.T.

Product Name:	N760Solar wall lamp
Model:	N710A
Additional Model:	N710B, N710C
Trade Mark:	
Power Supply:	Input: DC5-6V

Model Difference:	All models above are identical in interior structure, electrical circuits and components, and just model names are different for the marketing requirement.
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1.3 Test Facility:

Name of Test Lab:	Shenzhen TCT Testing Technology Co.,Ltd
Address of Test Lab:	1F, Building 1, Yibaolai Industrial Park, Qiaotou Village, Fuyong Town, Baoan District, Shenzhen, Guangdong, China
Telephone:	+86-0755-27673339
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2.0 List of Measurement Equipment					
Name	Model No.	Serial No.	Manufacturer	Date of Cal.	Due Date
Conducted emission					
EMI Test Receiver	ESCS30	1102.4500.30	RS	July 07, 2013	July 06, 2014
LISN	LS16C	10010947251	AFJ	July 08, 2013	July 07, 2014
Radiated emission					
EMI Test Receiver	ESVD	1026.5506.10	RS	July 07, 2013	July 06, 2014
Spectrum Analyzer	FSEM	1079.8500.30	RS	July 07, 2013	July 06, 2014
Coaxial Switch	MP59B	M70585	ANRITSU	N/A	N/A
Amplifier	8447D	2727A05017	HP	July 08, 2013	July 07, 2014
Bilog Antenna	VULB9163	9163/340	Schwarebeck	July 08, 2013	July 07, 2014
Harmonic & Flicker					
Harmonics Flicker Test System	PACS-1	72305	CI	July 08, 2013	July 07, 2014
5K VA AC Power source	5001iX	56060	CI	July 08, 2013	July 07, 2014
Electrostatic Discharge					
Electostatic Discharge Generator	ESD61002AG	PR12092502	Prima	July 08, 2013	July 07, 2014
Continuous radiated disturbances					
Signal Generator	2022D	119246/003	Maconi	July 08, 2013	July 07, 2014
Power Amplifier	A00181-1000	9801-112	M2S	July 08, 2013	July 07, 2014
Power Amplifier	AC8113/ 800-250A	9801-179	M2S	July 08, 2013	July 07, 2014
Power Antenna	CBL6140A	1204	SCHAFFNER	July 08, 2013	July 07, 2014
EFT/Surge/Dip					
Fast Transient Burst Simulator	EFT61004BG	PR12074375	Prima	July 08, 2013	July 07, 2014
Lightning Surge Generator	SUG61005BG	PR12125534	Prima	July 08, 2013	July 07, 2014
CYCLE SAG SIMULATOR	DRP61011AG	PR12106201	Prima	July 08, 2013	July 07, 2014
Continuous conducted disturbances					
Signal Generator	2022D	119246/003	Maconi	July 08, 2013	July 07, 2014
Power Amplifier	A00181-1000	9801-112	M2S	July 08, 2013	July 07, 2014
CDN	M3-8016	003683	MEB	July 08, 2013	July 07, 2014
Power-frequency Magnetic field					
Continuous Wave Simulator	UCS 500 M4	0304-42	EM TEST	July 08, 2013	July 07, 2014
Power Source Network	MV 2616	0104-14	EM TEST	July 08, 2013	July 07, 2014

Current Transformer	MC2630	--	EM TEST	July 08, 2013	July 07, 2014
Magnetic Coil	MS100	0304-42	EM TEST	July 08, 2013	July 07, 2014

3.0 Technical Details

3.1 Investigations Requested

Perform Electromagnetic Interference [EMI] & Electromagnetic Susceptibility [EMS] tests for CE Marking

3.2 Test Standards

EN 55015:2006+A2:2009	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN 61000-3-2:2006+A2:2009	Electromagnetic compatibility(EMC)- Part 3-2:Limits-Limits for harmonic current emissions(equipment input current $\leq 16A$ per phase)
EN 61000-3-3:2008	Electromagnetic compatibility (EMC)- Part 3-3:Limits-Limitation of voltage changes, Voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current $\leq 16A$ per phase and not subject to conditional connection
EN 61547:2009	Equipment for general lighting purposes-EMC immunity requirements

3.3 Performance Criteria

- Criterion A During the test, no change of the luminous intensity shall be observed and the regulating control, if any, shall operate during the test as intended.
- Criterion B During the test, the luminous intensity may change to any value. After the test, the luminous intensity shall be restored to its initial value within 1 min. Regulating controls need not function during the test, but after the test, the mode of the control shall be the same as before the test provided that during the test no mode changing commands were given.
- Criterion C During and after the test, any change of the luminous intensity is allowed and the lamp(s) may be extinguished. After the test, within 30 min, all functions shall return to normal, if necessary by temporary interruption of the mains supply and/or operating the regulating control.
Additional requirement for lighting equipment incorporating a starting device: After the test, the lighting equipment is switched off. After half an hour, it is switched on again. The lighting equipment shall start and operate as intended.

3.4 Test standards and Results Summary Tables

Test Condition	Test Requirement	Test Method	Test Result
EMISSION Results Summary			
Conducted Emission on AC Mains, 9KHz to 30MHz	EN 55015: 2006+A2:2009	EN 55015: 2006+A2:2009	N/A
Radiated Electromagnetic Disturbances 9KHz to 30MHz	EN 55015: 2006+A2:2009	EN 55015: 2006+A2:2009	N/A
Radiated Emissions, 30MHz to 300MHz	EN 55015: 2006+A2:2009	EN 55015: 2006+A2:2009	Pass
Harmonic Emissions on AC supply	EN 61000-3-2:2006+A2:2009	EN 61000-3-2:2006+A2:2009	N/A
Voltage fluctuations on AC supply	EN 61000-3-3:2008	EN 61000-3-3:2008	N/A
IMMUNITY Results Summary			
Electrostatic Discharge	EN 61547:2009	EN 61000-4-2: 2009	Pass
RF field strength susceptibility	EN 61547:2009	EN 61000-4-3: 2010	Pass
Electrical Fast transients /Burst Immunity	EN 61547:2009	EN 61000-4-4:2004+A1:2010	N/A
Surge	EN 61547:2009	EN 61000-4-5: 2006	N/A
Conducted susceptibility	EN 61547:2009	EN 61000-4-6: 2009	N/A
Power-frequency Magnetic Field	EN 61547:2009	EN 61000-4-8: 2010	N/A
Dips/Voltage Interruption Variation	EN 61547:2009	EN 61000-4-11: 2004	N/A

Note: N/A=Not applicable

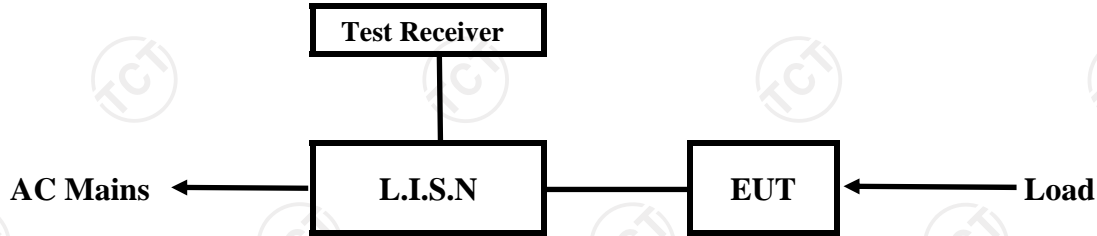
3.5 Measurement Uncertainty (95% confidence levels, k=2)

No.	Item	MU
1.	Temperature	$\pm 0.1^{\circ}\text{C}$
2.	Humidity	$\pm 1.0\%$
3.	Spurious emissions, conducted	$\pm 3.70\text{dB}$
4.	All emissions, radiated	$\pm 4.50\text{dB}$

4.0 Electromagnetic Interference Test results

4.1 Power Line Conducted Emission Test

4.1.1 Schematics of the test



EUT: Equipment Under Test

4.1.2 Test Method and test Procedure

The test was performed in accordance with EN 55015

Test Voltage: 230V~, 50Hz

4.1.3 Test Equipment

Please refer to the Section 2

4.1.4 Power line conducted Emission Limit

The limits of the mains terminal disturbance voltage for the frequency range 9KHz to 30MHz are given in Table 2a, and the limits of the load/control terminal disturbance voltage for the frequency 150KHz to 30MHz are given in Table 2b/Table 2c.

Table 2a - Disturbance voltage limits at mains terminals

Frequency range	Limits dB(μ V)	
	Quasi-peak Level	Average Level
9 kHz to 50 kHz	110	-
50 kHz to 150 kHz	90 to 80	-
150 kHz to 0.5MHz	66 to 56	56 to 46
0.5MHz to 5.0MHz	56	46
5MHz to 30MHz	60	50

- a、 At the transition frequency, the lower limit applies.
- b、 The limit decreases linearly with the logarithm of the frequency in the ranges 50 kHz to 150 kHz and 150 kHz to 0.5MHz.
- c、 For electrodeless lamps and luminaires, the limit in the frequency range of 2,51MHz to 3,0MHz is 73 dB(μ V) Quasi-peak and 63 dB(μ V) average.

NOTE In Japan, the limits in the frequency range 9kHz 150 kHz do not apply.

Table 2b - Disturbance voltage limits at load terminals

Frequency(MHz)	Limits dB(μ V)	
	Quasi-peak Level	Average Level
0.15MHz to 0.50MHz	80	70
0.50MHz to 30MHz	74	64

At the transition frequency, the lower limit applies.

Table 2c - Disturbance voltage limits at control terminals

Frequency(MHz)	Limits dB(μ V)	
	Quasi-peak Level	Average Level
0.15MHz to 0.50MHz	84 to 74	74 to 64
0.50MHz to 30MHz	74	64

NOTE 1: The limits decrease linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz.

NOTE 2: The voltage disturbance limits are derived for use with an impedance stabilization network (ISN) which Presents a common mode (asymmetric mode) impedance of 150 Ω to the control terminal.

4.1.5 Photo documentation of the test set-up

Please refer to the Section 7

4.1.6 Test specification:

Environmental conditions: Temperature: 23° C Humidity: 50% Atmospheric pressure: 103kPa

Frequency range: 0.009 MHz – 30 MHz

4.1.7 Test result

The requirements are FULFILLED

Remarks: According to the EN 55015: 2006+A2:2009

A Conducted Emission on Live Terminal of the power line (9kHz to 30MHz)

EUT Description: --
 Operation Mode: --
 Tested By: --
 Test date: --
 Test Result: --

Start Frequency Stop Frequency Step IF BW Detector Final M-Time
 0.009MHz 30MHz 4.5KHz 10KHz QP+AV 1s

Frequency (MHz)	Reading(dBμV)				Limit (dBμV)	
	Live		Neutral		Quasi-peak Average	
	Quasi-peak	Average	Quasi-peak	Average		
			--	--		
			--	--		

B Conducted Emission on Neutral Terminal of the power line (9kHz to 30MHz)

EUT Description: --
 Operation Mode: --
 Tested By: --
 Test date: --
 Test Result: --

Start Frequency Stop Frequency Step IF BW Detector Final M-Time
 0.009MHz 30MHz 4.5KHz 10KHz QP+AV 1s

Frequency (MHz)	Reading(dB μ V)				Limit (dB μ V)	
	Live		Neutral		Quasi-peak	Average
	Quasi-peak	Average	Quasi-peak	Average		
	--	--				
	--	--				

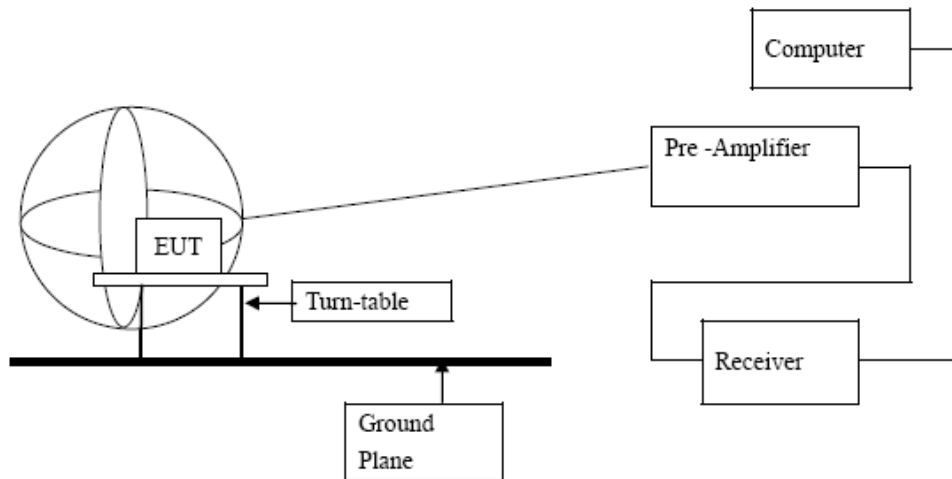
Remark: The test item is not applicable.

4.2 Radiated electromagnetic disturbances

4.2.1 Test Method:

The test was performed in accordance with EN 55015

Block diagram of Test setup



4.2.2 Radiated electromagnetic disturbances Limits

Frequency Range (MHz)	Limits for loop diameter (dB μ A)		
	2m	3m	4m
9kHz to 70kHz	88	81	75
70kHz to 150kHz	88 to 58	81 to 51	75 to 45
150kHz to 2.2MHz	58 to 26	51 to 22	45 to 16
2.2MHz to 3.0MHz	58	51	45
3.0Hz to 30MHz	22	15 to 16	9 to 12

Note: 1. The lower limit shall apply at the transition frequencies
 2. Decreasing/Increasing linearly with the logarithm of the frequency.

4.2.3 Photo documentation of the test set-up

Please refer to the Section 7

4.2.4 Test Equipment:

Please refer to the Section 2

4.2.5 Test specification:

Environmental conditions: Temperature 24° C Humidity: 51% Atmospheric pressure: 103kPa

4.2.6 Test Result

Please refer to next page

Radiated electromagnetic disturbances in X (9kHz to 30MHz)

EUT Description: --
Operation Mode: --
Tested By: --
Test date: --
Test Result: --

Frequency (MHz)	Level (dB μ A)	field directions	Limit (dB μ V/m)
-	-	X	-
-	-	X	-

Radiated electromagnetic disturbances in Y (9kHz to 30MHz)

EUT Description: --
Operation Mode: --
Tested By: --
Test date: --
Test Result: --

Frequency (MHz)	Level (dB μ A)	field directions	Limit (dB μ V/m)
-	-	Y	-
-	-	Y	-

Radiated electromagnetic disturbances in Z (9kHz to 30MHz)

EUT Description: --
Operation Mode: --
Tested By: --
Test date: --
Test Result: --

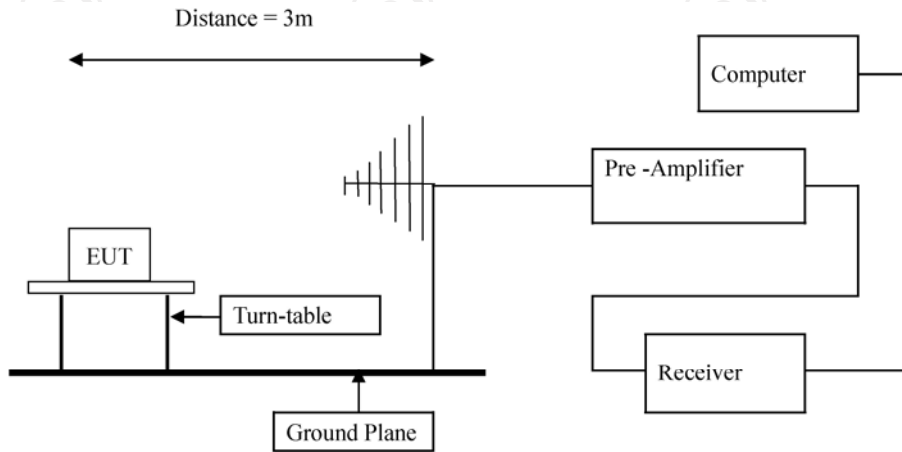
Frequency (MHz)	Level (dB μ A)	field directions	Limit (dB μ V/m)
-	-	Z	-
-	-	Z	-

Remark: The test item is not applicable.

4.3 Radiated Emission Test

4.3.1 Test Method: The test was performed in accordance with EN 55015

4.3.2 Block diagram of Test setup



4.3.3 Radiated Emission Limit

Frequency Range (MHz)	Distance (m)	Quasi-Peak limits (dB μ V/m)
30-230	3	40.00
230-300	3	47.00

Note: The lower limit shall apply at the transition frequencies

4.3.4 Photo documentation of the test set-up

Please refer to the Section 7

4.3.5 Test Equipment:

Please refer to the Section 2

4.3.6 Test specification:

Environmental conditions: Temperature 26° C Humidity: 56% Atmospheric pressure: 103kPa

4.3.7 Test result

Remarks: According to the EN 55015: 2006+A2:2009

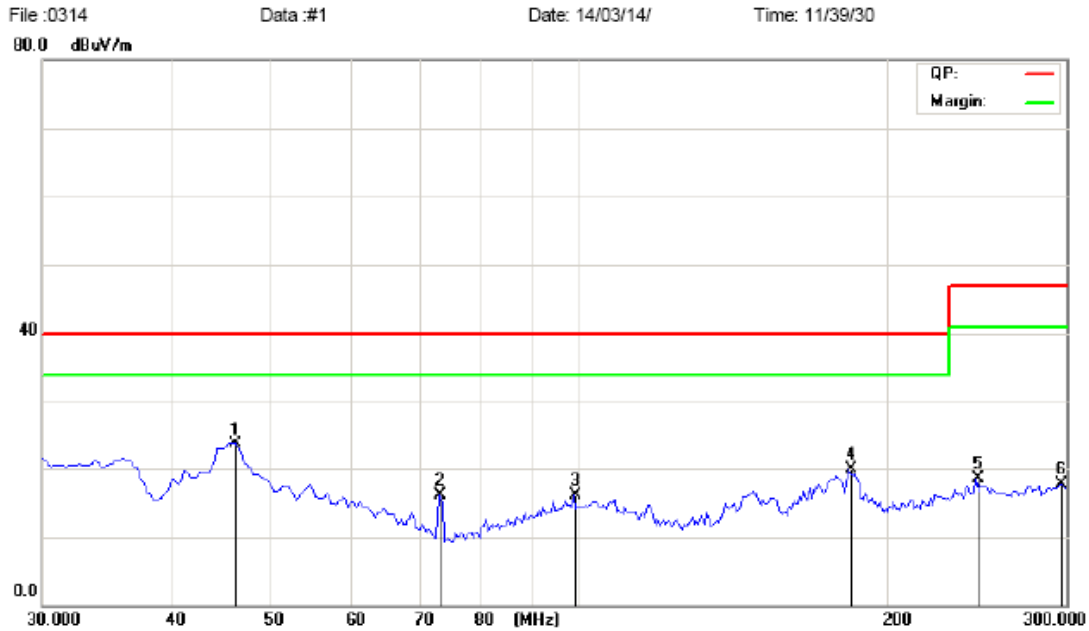
A. Radiated Emission In Horizontal (30MHz----300MHz)



Site: Polarization: **Horizontal** Temperature: 26
 Limit: EN55015 Radiation Power: Humidity: 56 %
 EUT: N760Solar wall lamp Distance: 3m
 M/N: N710A
 Mode: Lighting
 Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		31.0822	35.65	-12.52	23.13	40.00	-16.87	peak	0	
2		44.6091	29.89	-11.23	18.66	40.00	-21.34	peak	0	
3		56.5130	30.07	-11.55	18.52	40.00	-21.48	peak	0	
4		118.1964	37.51	-12.93	24.58	40.00	-15.42	peak	0	
5	*	150.6613	45.15	-14.75	30.40	40.00	-9.60	peak	0	
6		176.6333	40.45	-13.08	27.37	40.00	-12.63	peak	0	

B. Radiated Emission In Vertical (30MHz----300MHz)



Site: Polarization: **Vertical** Temperature: 26
 Limit: EN55015 Radiation Power: Humidity: 56 %
 EUT: N760Solar wall lamp Distance: 3m
 M/N: N710A
 Mode: Lighting
 Note:

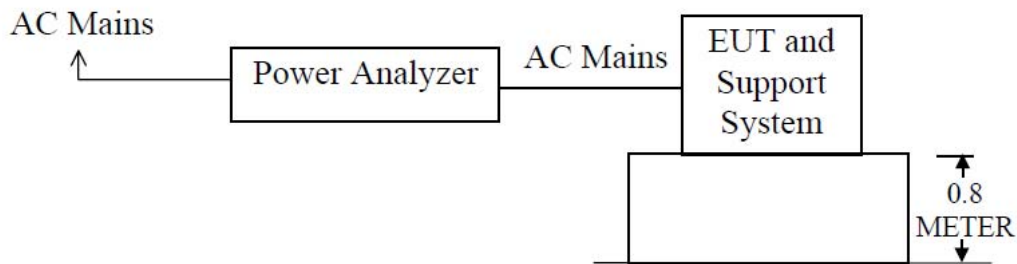
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	46.2324	35.00	-11.28	23.72	40.00	-16.28	peak	0	
2		73.2866	32.34	-16.20	16.14	40.00	-23.86	peak	0	
3		99.2585	27.10	-10.91	16.19	40.00	-23.81	peak	0	
4		184.2084	32.20	-12.32	19.88	40.00	-20.12	peak	0	
5		245.3507	27.69	-9.17	18.52	47.00	-28.48	peak	0	
6		296.2124	25.32	-7.61	17.71	47.00	-29.29	peak	0	

4.4 Harmonic Current Emissions

4.4.1 EUT Operating Mode

--

4.4.2 Block Diagram of Test Setup.



This test was performed as per EMC Basic Standard EN61000-3-2 Class C

4.4.3 Test Equipment

Please refer to Section 2 this report.

4.4.4 Test specification:

Environmental conditions: Temperature: 23° C Humidity: 54% Atmospheric pressure: 103kPa

4.4.5 Results

Port	EUT Operating mode	Result (Passed / Failed)
AC Input	--	N/A

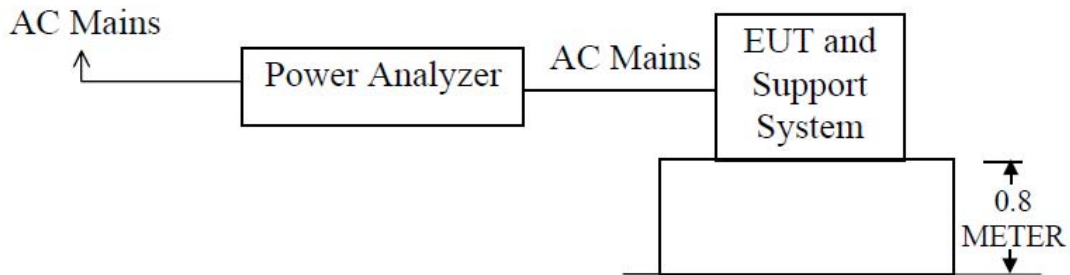
Remark: The test item is not applicable.

4.5 Flicker and Voltage Fluctuation

4.5.1 EUT Operating Mode

--

4.5.2 Block Diagram of Test Setup.



This test was performed as per EMC Basic Standard EN 61000-3-3

4.5.3 Limits of Voltage Fluctuation and Flicks Measurement

Test Item	Limit	Note
P_{st}	1.0	Pst means short-term flicker indicator
P_{lt}	0.65	Plt means long-term flicker indicator
T_{dt} (ms)	200	Tdt means maximum time that dt exceeds 3%.
d_{max} (%)	4	Dmax means maximum relative voltage change.
dc (%)	3	Dc means relative steady-state voltage change.

4.5.4 Test Equipment

Please refer to Section 2 this report.

4.5.5 Test specification:

Environmental conditions: Temperature: 23° C Humidity: 54% Atmospheric pressure: 103kPa

4.5.6 Results

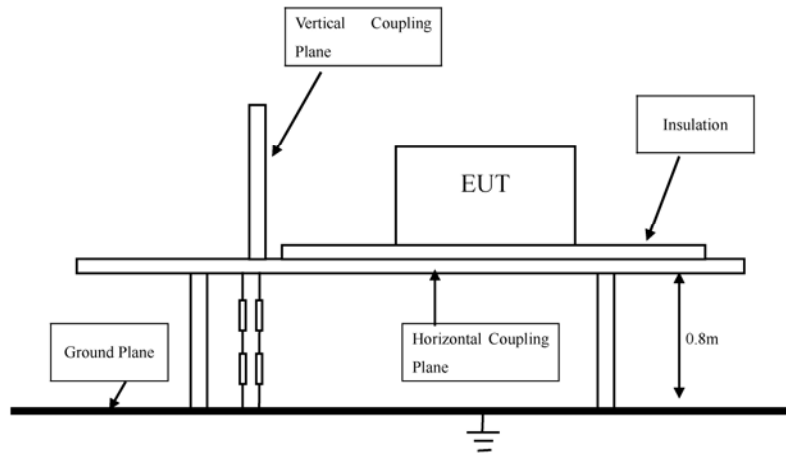
Port	EUT Operating mode	Result (Passed / Failed)
AC Input	--	N/A

Remark: The test item is not applicable.

5.0 Immunity Test

5.1 Electrostatic Discharge

5.1.1 Schematic of the test



5.1.2 Test method

The test was performed in accordance with EN 61000-4-2

5.1.3 Test severity

±4kV for direct & in-direct Contact Discharge

±8kV for air Discharge

Performance Criterion Require: **B**

5.1.4 Test Equipment

Please refer to Section 2 this report.

5.1.5 Test specification:

Environmental conditions: Temperature: 23° C Humidity: 54% Atmospheric pressure: 103kPa

5.1.6 Operation mode: Lighting Mode

5.1.7 Discharge location

- HCP
- VCP
- Shell

5.1.8 Test Result Pass

5.2 RF field strength susceptibility (80MHz----- 1000MHz)

5.2.1 Test Method:

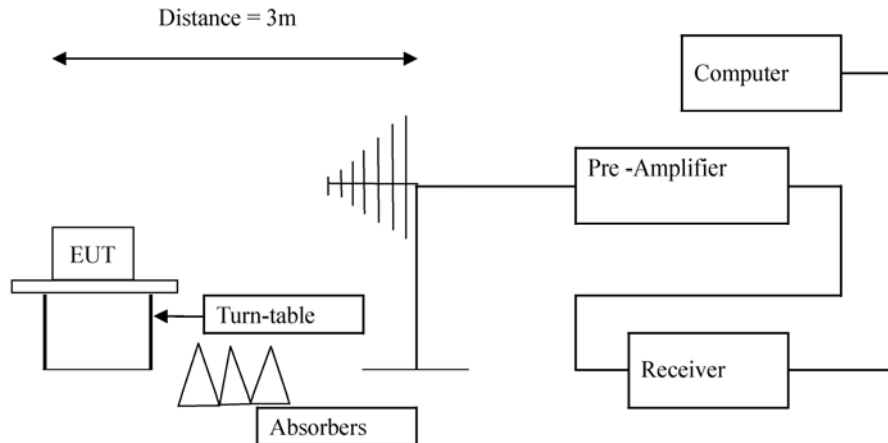
The test was performed in accordance with EN 61000-4-3

Severity: Level 2 (3V/m)

Modulation: 1 KHz 80% AM

Performance Criterion Require: A

Block diagram of Test setup



5.2.2 Test Equipment

Please refer to Section 2 this report.

5.2.3 Test specification:

Environmental conditions: Temperature: 23° C Humidity: 54% Atmospheric pressure: 103kPa

5.2.4 Operation mode: Lighting Mode

5.2.5 Test Result:

Please refer to the following table for individual results.

Frequency (MHz)	Radiation to	Polarity	Level (V/m)	Dwell Time(s)	Sweep Rate (%)	Results
80-1000	Front	Horizontal	3	1	1	Pass
80-1000	Rear	Horizontal	3	1	1	Pass
80-1000	Left	Horizontal	3	1	1	Pass
80-1000	Right	Horizontal	3	1	1	Pass
80-1000	Front	Vertical	3	1	1	Pass
80-1000	Rear	Vertical	3	1	1	Pass
80-1000	Left	Vertical	3	1	1	Pass
80-1000	Right	Vertical	3	1	1	Pass

5.3 Electrical Fast Transient/Burst (EFT/B) immunity test

5.3.1 Schematics of the test



EUT: Equipment Under Test

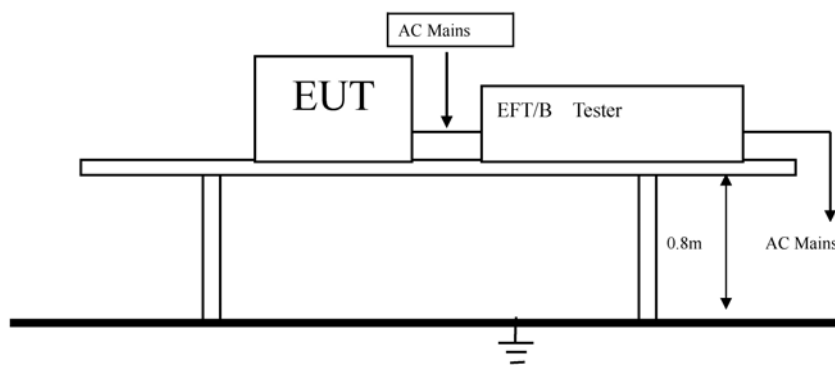
5.3.2 Test Method

The test was performed in accordance with EN 61000-4-4

Severity: Level 2 (1kV)

Performance Criterion Require: **B**

Block diagram of Test setup



5.3.3 Test Equipment

Please refer to Section 2 this report.

5.3.4 Test specification:

Environmental conditions: Temperature: 22° C Humidity: 54% Atmospheric pressure: 103kPa

5.3.5 Operation mode:

--

5.3.6 Test Results

Inject location: AC mains

Inject Line	Voltage kV	Inject Times (s)	Method	Results
L	±1	120	Direct	N/A
N	±1	120	Direct	N/A
L、N	±1	120	Direct	N/A
E	±1	120	Direct	N/A
L、E	±1	120	Direct	N/A
N、E	±1	120	Direct	N/A
L、N、E	±1	120	Direct	N/A

Remark: The test item is not applicable.

5.4 Surge test

5.4.1 Schematics of the test



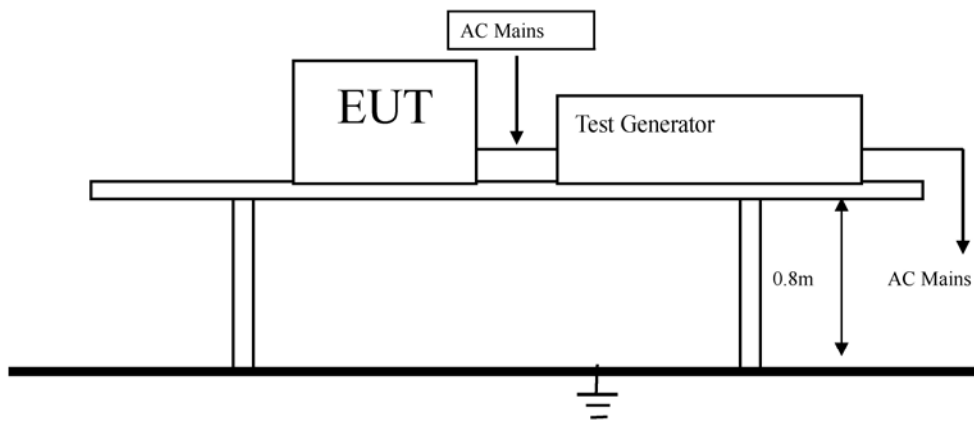
5.4.2 Test Method:

The test was performed in accordance with EN 61000-4-5

Severity: Level 2

Performance Criterion Require: C

Block diagram of Test setup



5.4.3 Test Equipment

Please refer to Section 2 this report.

5.4.4 Test specification:

Environmental conditions: Temperature: 23° C Humidity: 54% Atmospheric pressure: 103kPa

5.4.5 Operation mode: --

5.4.6 Test Results

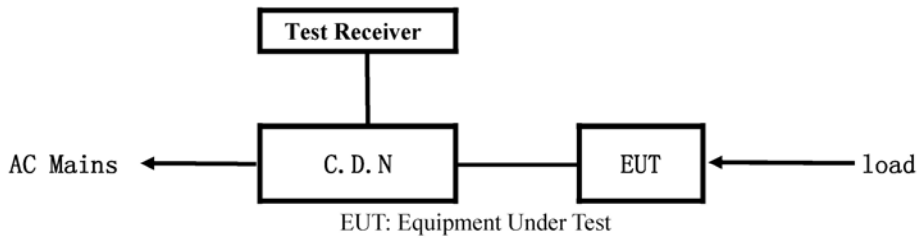
5 pulses for each polarity and test voltage, and repetition rate is 1 per min.

Location	Polarity	0°	90°	180°	270°	Results
L-N	+1 KV	N/A	N/A	N/A	N/A	N/A
	-1 KV	N/A	N/A	N/A	N/A	N/A
L-PE	+2 KV	N/A	N/A	N/A	N/A	N/A
	-2 KV	N/A	N/A	N/A	N/A	N/A
N-PE	+2 KV	N/A	N/A	N/A	N/A	N/A
	-2 KV	N/A	N/A	N/A	N/A	N/A

Remark: The test item is not applicable.

5.5 Conducted Immunity test

5.5.1 Schematics of the test



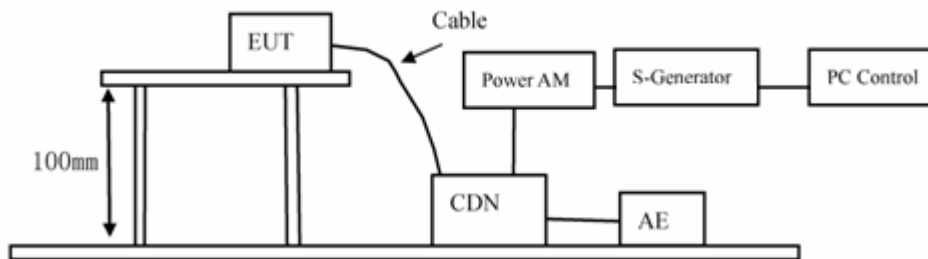
5.5.2 Test Method

The test was performed in accordance with EN 61000-4-6

Severity: Level 2 (3 V rms), 0.15MHz—80MHz

Performance Criterion Require: A

Block diagram of Test setup



5.5.3 Test Equipment

Please refer to Section 2 this report.

5.5.4 Test specification:

Environmental conditions: Temperature: 23° C Humidity: 54% Atmospheric pressure: 103kPa

5.5.5 Operation mode:

--

5.5.6 Test Results:

Frequency Range (MHz)	Injected Position	Strength	Criterion	Result
0.15 - 80	AC Line	3V (rms) Unmodulated	A	N/A

Remark: The test item is not applicable.

5.6 Power-Frequency magnetic field test

5.6.1 Schematics of the test



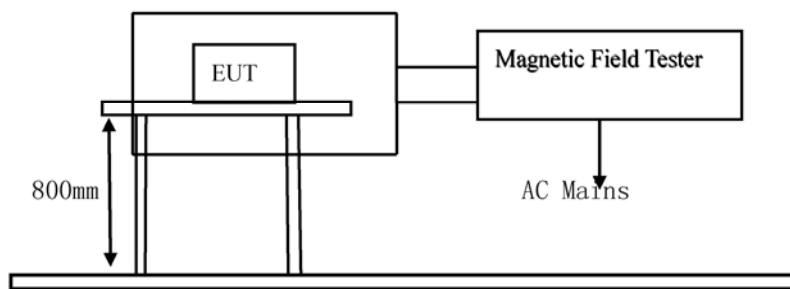
5.6.2 Test Method

The test was performed in accordance with EN 61000-4-8

Severity: Level 2 (3A/m),

Performance Criterion Require: A

Block diagram of Test setup



5.6.3 Test Equipment

Please refer to Section 2 this report.

5.6.4 Test specification:

Environmental conditions: Temperature: 24° C Humidity: 54% Atmospheric pressure: 103kPa

5.6.5 Operation mode: --

5.6.6 Test Results:

Test Level	Testing Duration	Coil Orientation	Criterion	Result
3A/m	5 Mins	X	A	N/A
3A/m	5 Mins	Y	A	N/A
3A/m	5 Mins	Z	A	N/A

Remark: The test item is not applicable.

5.7 Voltage Dips/Interruptions immunity test

5.7.1 Schematics of the test

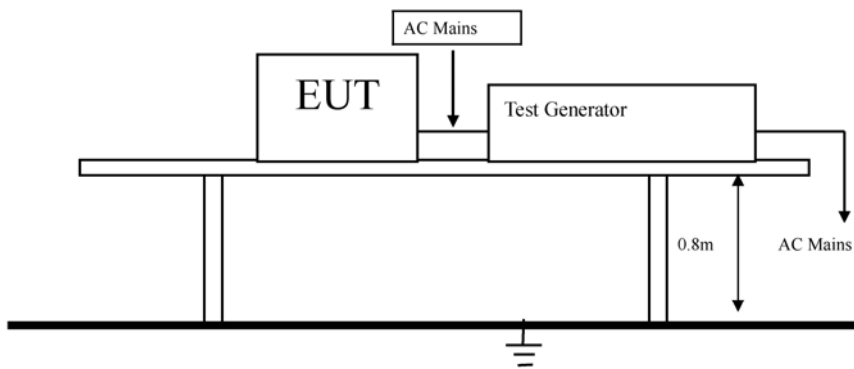


5.7.2 Test Method:

The test was performed in accordance with EN 61000-4-11

Performance Criterion Require: C&B

Block diagram of Test setup



5.7.3 Test Equipment

Please refer to Section 2 this report.

5.7.4 Test specification:

Environmental conditions: Temperature: 23° C Humidity: 54% Atmospheric pressure: 103kPa

5.7.5 Operation mode: --

5.7.6 Test Result:

Voltage Dip: Voltage Interceptions:

Test Level % Ut	Reduction	Duration (periods)	Phase Angle	Meet Criterion	Result
0	100	0.5	0° - 360°	B	N/A
70	30	10	0° - 360°	C	N/A

Remark: The test item is not applicable.

6.0 CE Label

6.1 label specification

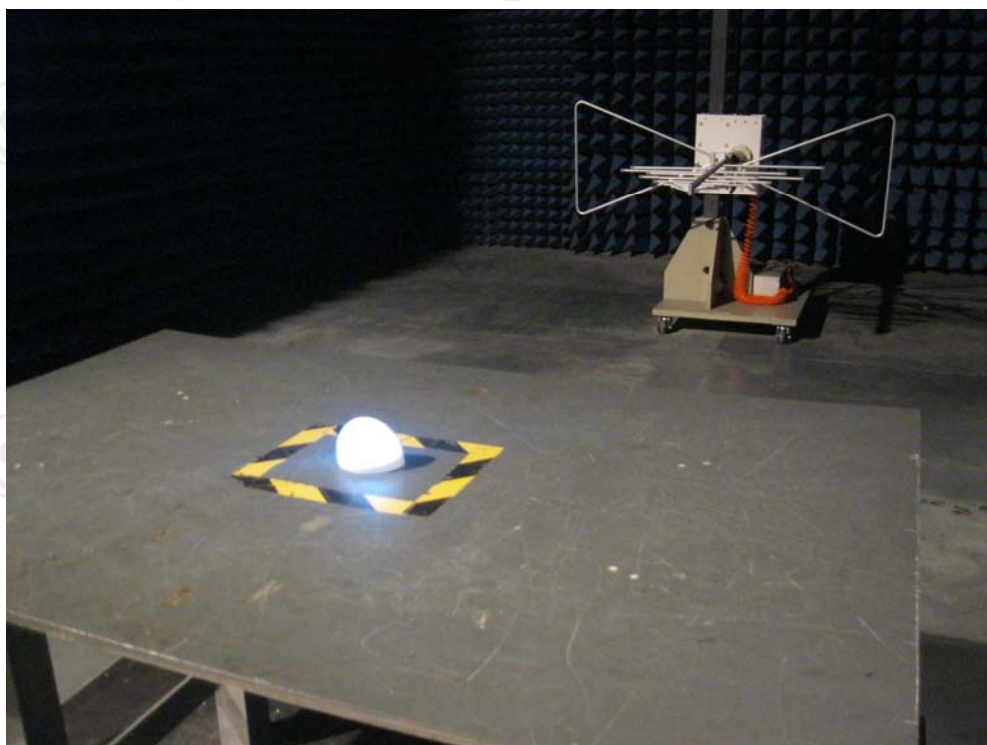
Text of the mark is black or white in color and is left justified. Labels are printed in indelible ink on permanent adhesive backing and shall be affixed at a conspicuous location on the EUT or silk-screened onto the EUT.



6.2 Mark Location: On the product body

7.0 Photos of testing

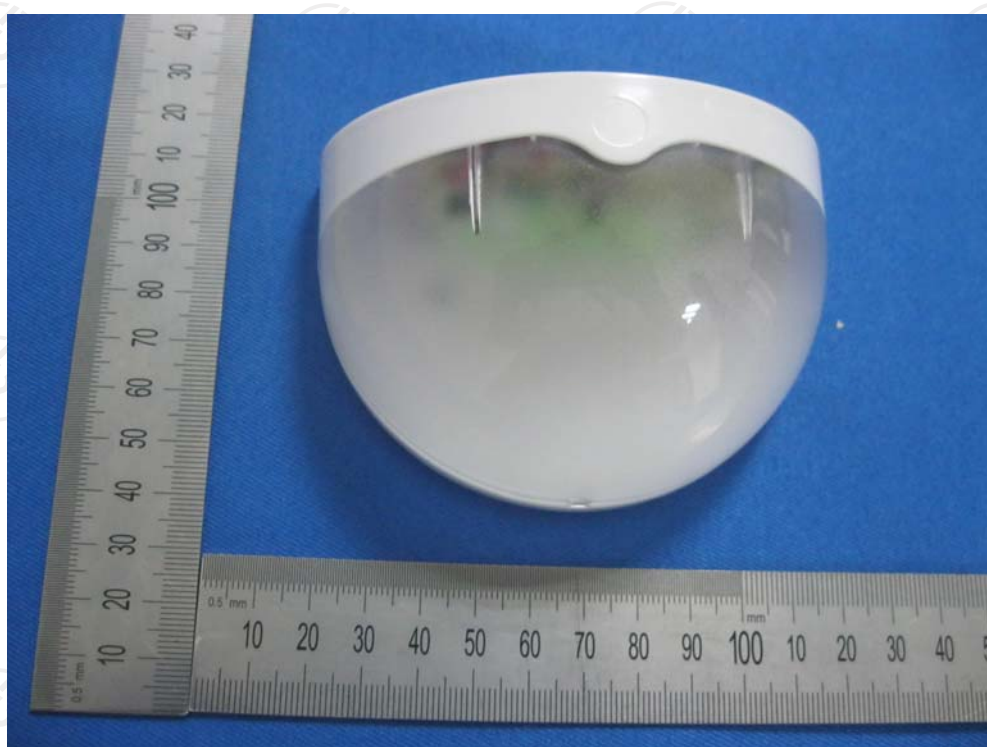
Radiated Emission Test View



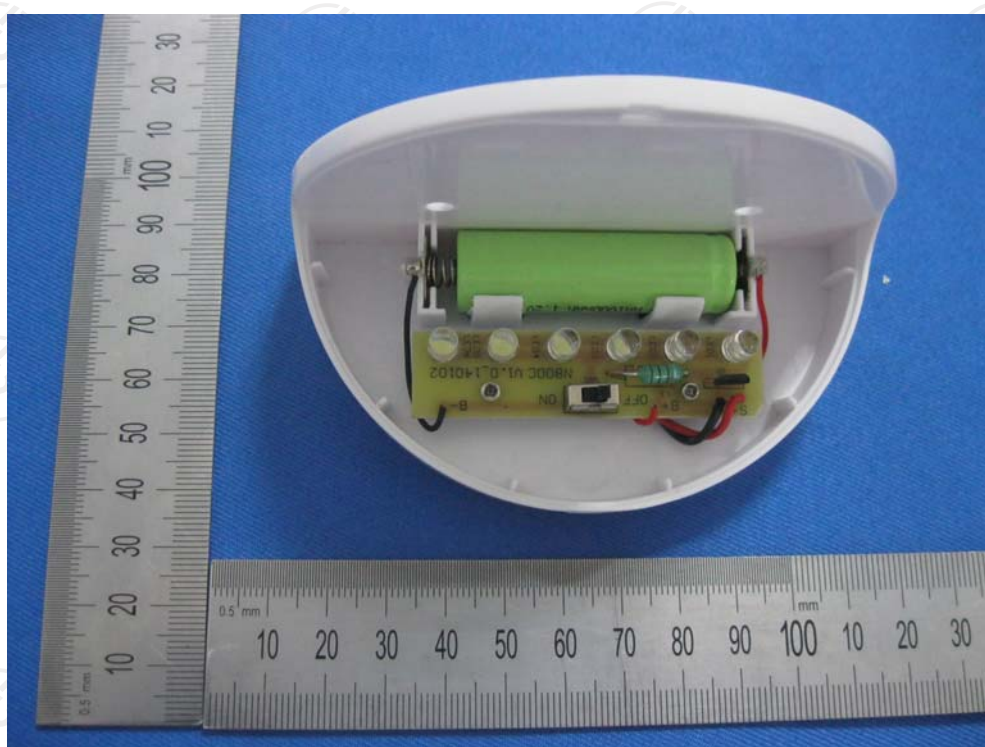
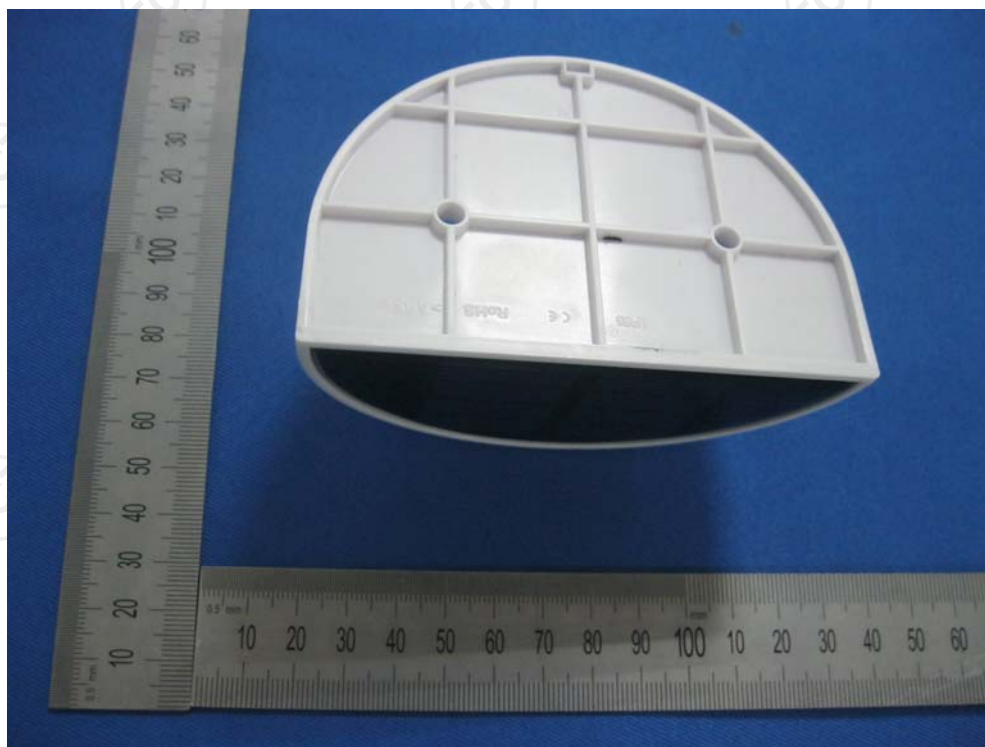
ESD Test View



8.0 Photos of the EUT



Photos of the EUT



****END OF REPORT****