

CERTIFICATE OF EMC

CERTIFICATE NO.: SET2015-01560

Product: Landing call and 4.3 Inches LCD display board
Model: BL2000-HEH-L* (*=4-4.99, indicate the different customer or/and Software function number)
Applicant: ShenYang Bluelight Automatic Technology Co., Ltd.
Address: No. 37 Shiji Road, Hunnan New District, Shenyang, China

This is to certify that, on the basis of the tests undertaken as per Report No. **SET2015-01560**, the submitted sample of the above item complies with: "

EN61000-6-4:2007+A1:2011
EN61000-6-2:2005

and fulfils testing requirement of the EMC directive 2004/108/EC



Signed for and on behalf of
CCIC Southern Electronic Product Testing (Shenzhen) Co., Ltd.

Wu Li An, Vice Director



Date of Issue: Feb. 06, 2015

CCIC Southern Electronic Product Testing (Shenzhen) Co., Ltd.
 Building 2029, Shiji Road, Hunnan New District, Shenyang, China
 Shenzhen, Guangdong, China
 Tel: 86-755-26627338 Fax: 86-755-26627238 <http://www.ccic-set.com>

EMC TEST REPORT

Report No.: SET2015-01560

Product: Laptop 4.3 inch LCD by b ad

Model No: BL2000-HEH-L* (*=4-4.99, id at h f n
in S f m b e

Applicant: Shanghai Anting Co Ltd

Address: No37 Sijia Road, Nanjing, Ch



查询码: 6PA7ZB5b

Report

Product.: Landing call and 4.3 Inches LCD display board
Model No.: BL2000-HEH-L* (*=4-4.99, indicate the different customer or/and Software function number)
Brand Name.....: /
Applicant.....:



A small rectangular box containing a handwritten signature in black ink that reads 'Wu Lian'.

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1 General Information

1.1 Description of EUT

Product: Light alarm LCD by b ad
Model No.: BL2000-HEH-L4
Brand Name: /
Serial No.: /
Rating: Ip24V DC
Accessories: /

NOTE:

1.

2.3 Test Standards and Results

TEUT has b ~~and the~~

EMISSION		
Standard	Test Type	Result
EN61000-6-4:2007+A1:2011	Radiated b an	PASS
IMMUNITY (EN61000-6-2:2005)		
Basic Standard	Test Type	Result
IEC 61000-4-2	Electrostatic Discharge (ESD)	PASS
IEC 61000-4-3	Radiated Immunity	PASS
IEC 61000-4-4	Electrostatic Discharge (ESD)	PASS
IEC 61000-4-5	Surge	PASS
IEC 61000-4-6	Immunity b asil b y RF E	PASS
IEC 61000-4-8	Power Line Frequency	PASS

2.4 List of Equipments Used

Description	Manufacturer	Model No.	Calibration Date	Serial No.
TRC	ROHDE&SCHWARZ	ESCI	Jul 0, 2015	A0902601
Bnd b a5 A b a5	ROHDE&SCHWARZ	VULB 09160	Jul 0, 2015	A0805560

3 Emission Test

3.1 EUT Setup and Operating Conditions

The EUT is a 24V DC and the test is

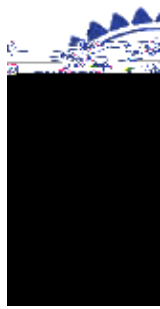
3.2 Radiated Disturbance Measurement

3.2.1 Limits of Radiated Disturbance

Frequency range (MHz)	Quasi peak limits(dB μ V/m), at 10m measurement distance
30 -230	40
230 - 1000	47

Notes:

- (1) This is a
- (2)



1. Eligibility b sample and provision

2. Eligibility b sample and provision

4 Immunity Test

4.1 EUT Setup and Operating Conditions

See 3.1.

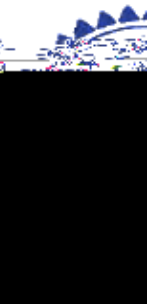
4.2 Performance Criteria

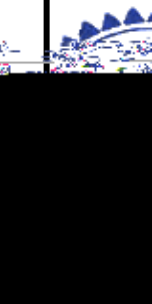
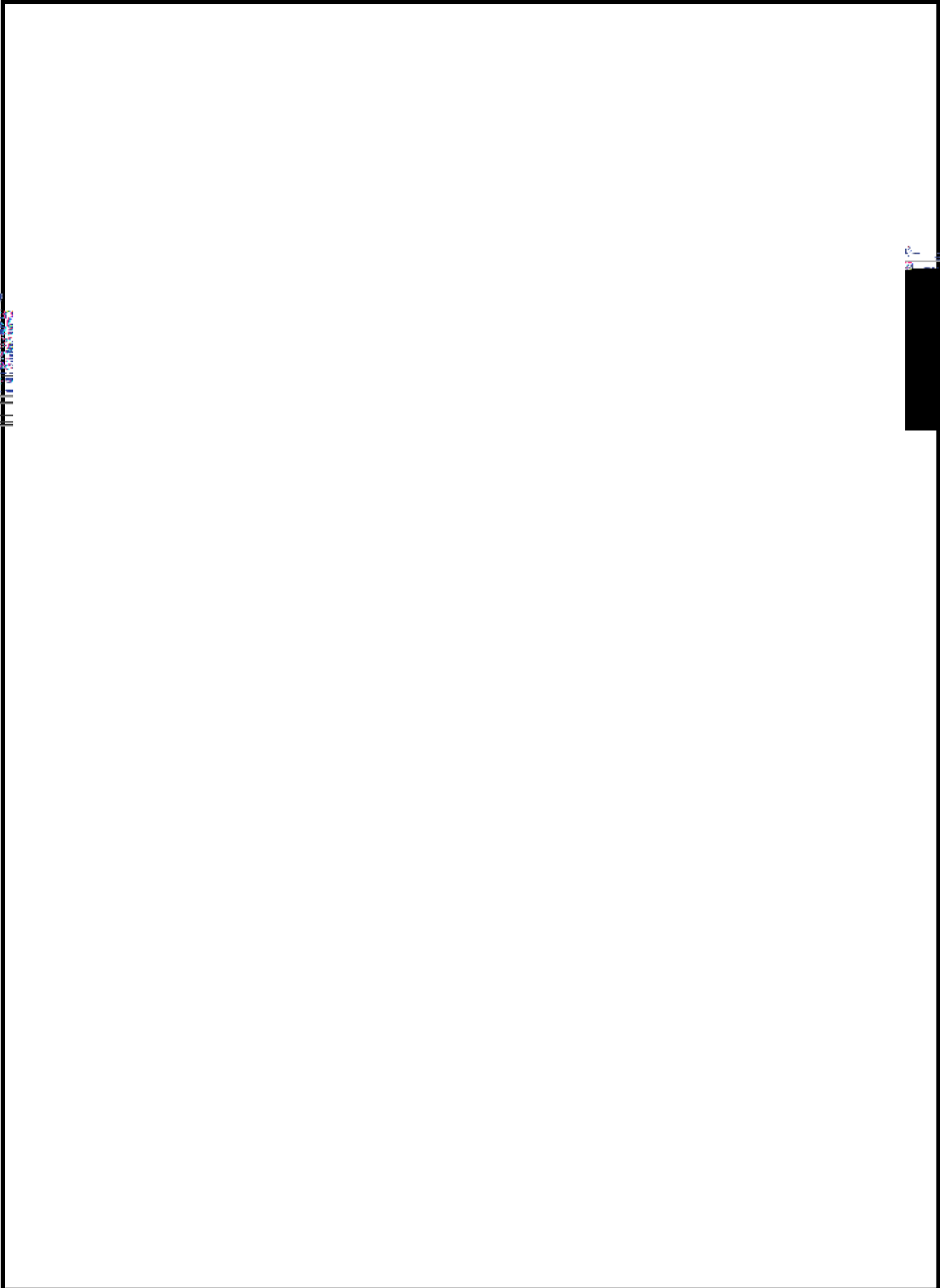
Criterion A	The apparatus shall not fail to perform its intended function when subjected to the test conditions specified in this test.
Criterion B	The apparatus shall not be damaged or degraded in performance when subjected to the test conditions specified in this test.
Criterion C	The apparatus shall be able to continue to perform its intended function after the test conditions specified in this test.

4.3 Electrostatic Discharge Immunity Test

4.3.1 Test Specification

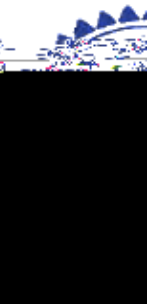
Basic Standard:	IEC 61000-4-2
Discharge Impedance	330 Ω / 150 pF
Discharge Voltage:	Air Discharge 8 kV Contact Discharge 4 kV
Polarity:	Positive and Negative
Number of Discharge:	Minimum 10
Discharge Mode:	Surge
Discharge Period:	1-5 ns
Criterion:	B





4.4.3 Test Result

Frequency	Polarity	Azimuth	Field Strength (V/m)	Observation	Comply with Criterion
80-1000 MHz	V&H	0,90, 80, 270	10	N61)	A
1.4-2.0GHz	V&H	0,90, 80, 270	3	N61)	A
2.0-2.7GHz	V&H	0,90, 80, 270	1	N61)	A



4.7 Immunity to Conducted Disturbances Induced by RF Fields

4.7.1 Test Specification

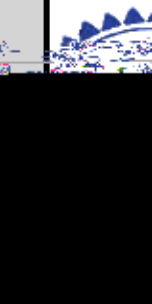
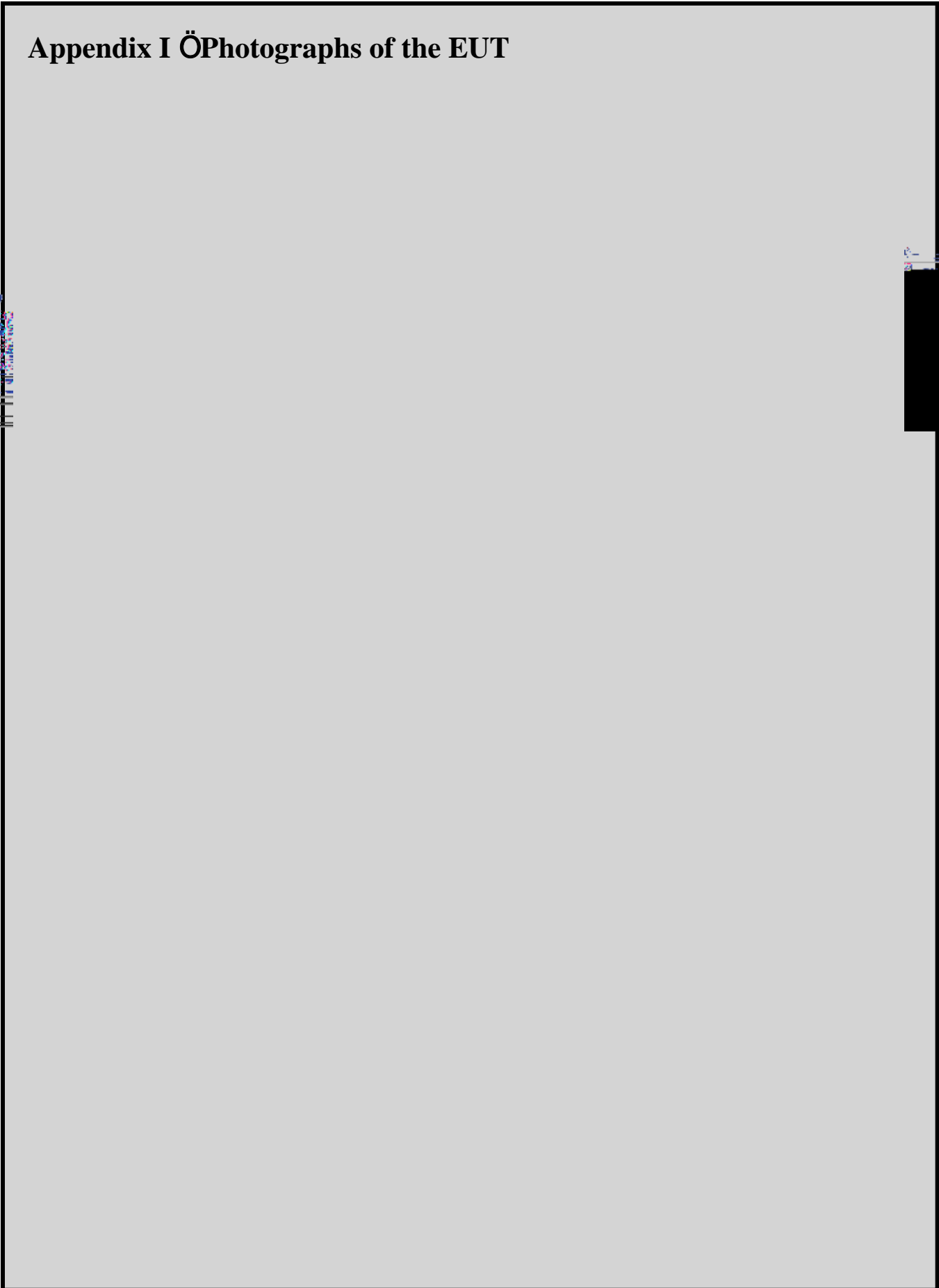
Basic Standard:	IEC 61000-4-6
Frequency Range:	0.15 MHz-80 MHz
Field Strength:	10V
Modulation:	1 Hz Sin Wave 80%, AM Mod

4.8 Power Frequency Magnetic Field Immunity Test

4.8.1 Test Specification

Basic Standard:	IEC 61000-4-8
Frequency Range:	50Hz

Appendix I ÖPhotographs of the EUT



Appendix II ÖPhotographs of EMC Test Configuration

1. Radiated Field Strength Measurement

2. Electrostatic Discharge Immunity Test

3. Radiated, Radio Frequency Electromagnetic Field Immunity Test (below 1GHz)

4. Radiated, Radio Frequency Electromagnetic Field Immunity Test (above 1GHz)

5. Electrical Fast Transient/Burst Immunity Test

6. Surge Immunity Test

7. Immunity to Conducted Disturbances Induced by RF Fields

8. Power Frequency magnetic Field Immunity

STATEMENT

This test laboratory is accredited by CNAS, Accreditation Certificate No.L1659.

2.