



CCIC Southern Electronic Product Testing (Shenzhen) Co., Ltd.

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



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EMC TEST REPORT

Report No.: SET2015-01560

Product: Laptop 4.3 inch LCD display board

Model No: BL2000-HEH-L* (*=4-4.99, indicate the size of the screen)

Applicant: Shenzhen Bright Technology Co Ltd

Address: No37 Shijie Road, Hantou District, Shenzhen, China



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.....:

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1 General Information

1.1 Description of EUT

Product: Laig alad.3 H LCD by b ed
Model No.: BL2000-HEH-L4
Brand Name: /
Serial No.: /
Rating: Ip24V DC
Accessories: /

NOTE:

1.

2.3 Test Standards and Results

TEST has been conducted by

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

2.4 List of Equipments Used

Description	Manufacturer	Model No.	Calibration Date	Serial No.
TR-1	ROHDE&SCHWARZ	ESCI	Jul 10, 2015	A0902601
Bad b a5	ROHDE&SCHWARZ	VULB 09160	Jul 10, 2015	A0805560

3 Emission Test

3.1 EUT Setup and Operating Conditions

The EUT will be supplied by 24V DC and the EUT will be tested in

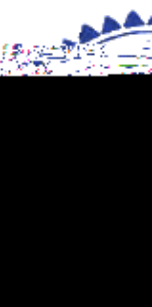
3.2 Radiated Disturbance Measurement

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) The EUT will be tested in
- (2)



1. Eligibility b sample and pin Val

2. Eligibility b sample and pin Val

4 Immunity Test

4.1 EUT Setup and Operating Conditions

Same as 3.1.

4.2 Performance Criteria

Criterion A	The apparatus shall not be affected by the test. The test shall be performed in accordance with the requirements of the standard.
Criterion B	The apparatus shall be able to operate normally after the test. The test shall be performed in accordance with the requirements of the standard.
Criterion C	The apparatus shall be able to operate normally after the test. The test shall be performed in accordance with the requirements of the standard.

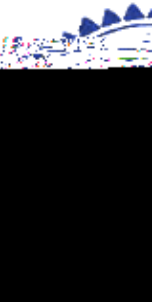
4.3 Electrostatic Discharge Immunity Test

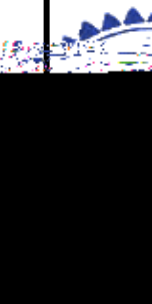
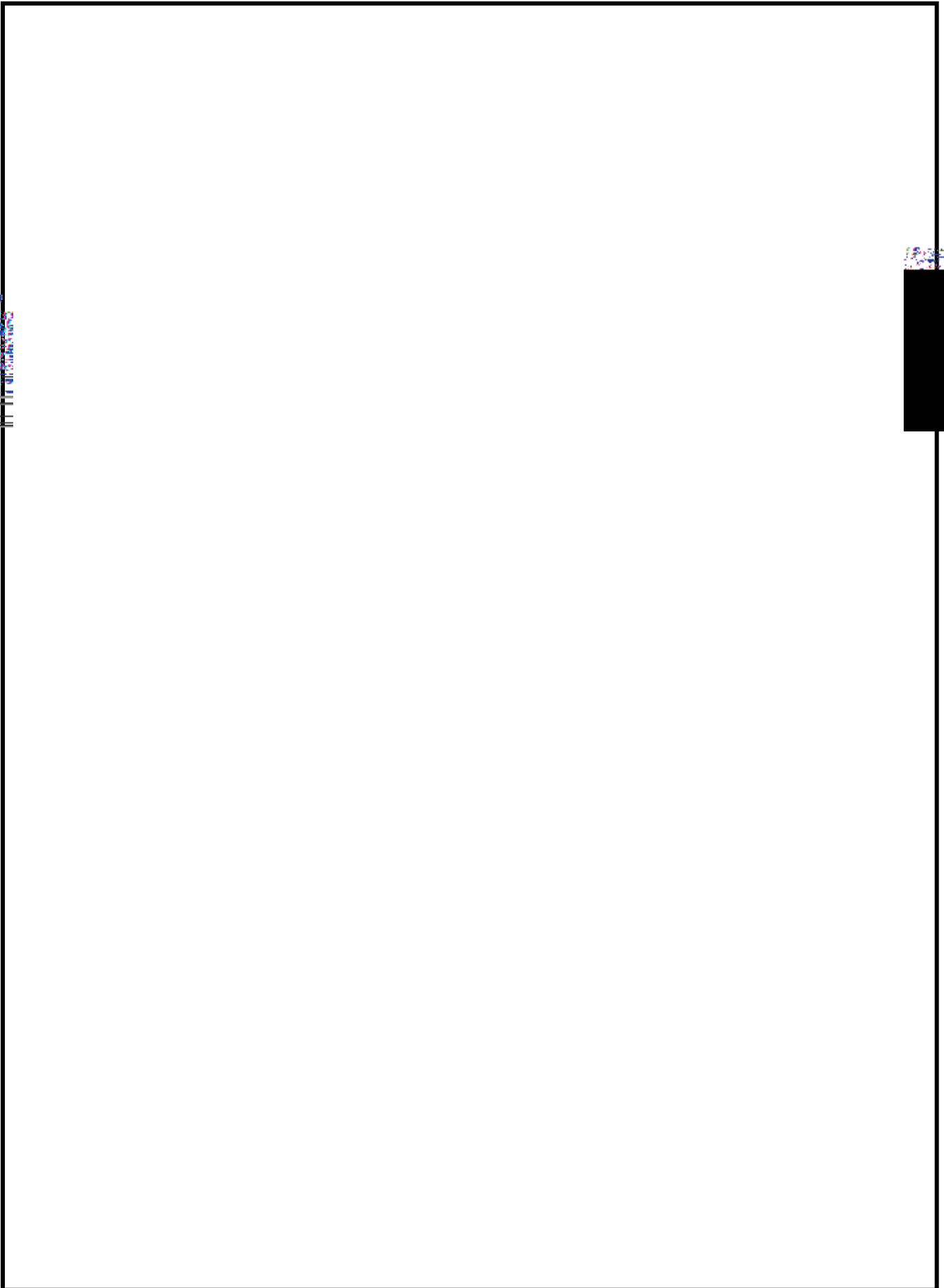
4.3.1 Test Specification

Basic Standard:	IEC 61000-4-2
Discharge Impedance	330 Ω / 150 Ω
Discharge Voltage:	Air Discharge 8 kV Contact Discharge 4 kV
Polarity:	Positive / Negative
Number of Discharge:	Min 10 times
Discharge Mode:	Singlet
Discharge Period:	1-5 min
Criterion:	B

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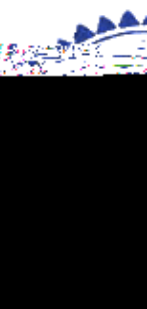


4.4.3 Test Result

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

RpNo

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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 MHz80 MHz
Field Strength:	10V
Modulation:	1 HzSin 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.