

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: No.37 Shijie Road, Hanting 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

TESTED AS PER THE FOLLOWING STANDARDS

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 (ESD)	PASS
IEC 61000-4-3	Radiated Immunity	PASS
IEC 61000-4-4	Electromagnetic Interference (EMI)	PASS
IEC 61000-4-5	Surge Immunity	PASS
IEC 61000-4-6	Immunity to Radio Frequency (RF) Fields	PASS
IEC 61000-4-8	Power Line Immunity	PASS

2.4 List of Equipments Used

Description	Manufacturer	Model No.	Calibration Date	Serial No.
TRV ROHDE&SCHWARZ ESCI	ROHDE&SCHWARZ	ESCI	Jul 10, 2015	A0902601
Bad b arA ABad b a5	ROHDE&SCHWARZ	VULB 09160	Jul 10, 2015	A0805560

3 Emission Test

3.1 EUT Setup and Operating Conditions

TEUT as per b y 24V DC in TEU T as per b

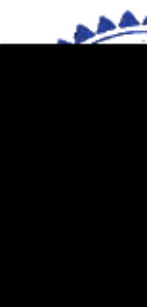
3.2 Radiated Disturbance Measurement

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 lab is
- (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 continue to operate after the test. The test shall be performed in accordance with the requirements of the standard.
Criterion C	The apparatus shall be able to continue to operate after the test. The test shall be performed in accordance with the requirements of the standard.

4.3 Electrostatic Discharge Immunity Test

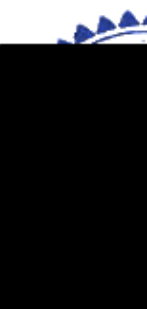
4.3.1 Test Specification

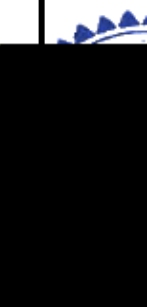
B1000-4-2 Part

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

RpNo

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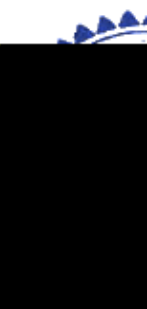


4.4.3 Test Result

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 Wave80%, 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.