



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

CERTIFICATE OF EMC

CERTIFICATE NO.: SET2015-01562

Product: Landing call and segment LCD display board

Model: BL2000-HEH-N* (*=2-2.99, 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. **SET2015-01562**, 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

Wu Li An, Vice Director



Date of Issue: Feb. 06, 2015

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

Co., Ltd.



SET2015-01562

EMC TEST REPORT

Report No.!

Product!

Model No!

Applicant!

Address!

Issued by!

Lab location!

Tel!



查询码: 6PA7ZR5b



Report

Product.....: Landing call and segment LCD display board
Model No.: BL2000-HEH-N* (*=2-2.99, indicate the different customer or/and Software function number)
Brand Name.....:
Applicant.....: ShenYang Bluelight Automatic Technology Co., Ltd.
Applicant Address.....: No. 37 Shiji Road, Hunnan New District, Shenyang, China
Manufacturer.....: ShenYang Bluelight Automatic Technology Co., Ltd.
Manufacturer Address.....: No. 37 Shiji Road, Hunnan New District, Shenyang, China
Test Standards.....: **EN61000-6-4:2007+A1:2011** Electromagnetic compatibility (EMC) -- Part 6-4: Generic standards - Emission standard for industrial environments
EN61000-6-2:2005 Electromagnetic compatibility (EMC) -- Part 6-2: Generic standards - Immunity for industrial environments
Test Result.....: Pass
Tested by: Chen Weichang Feb. 06. 2015
Signature, Date
Reviewed by.....: Zhu Qi Feb. 06. 2015
Signature, Date
Approved by.....: Wu Lian Feb. 06. 2015
Signature, Date





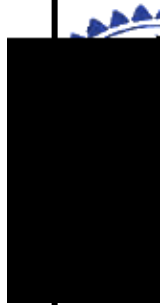
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Report





SET2015-01562





1 General Information

1.1 Description of EUT

Product:

Model No.:

Brand Name:

Serial No.:

Rating:

Accessories:

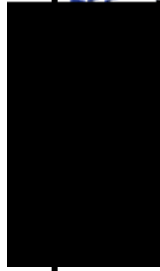
NOTE:

1.2 Objective

2 Test Facilities and Configuration

2.1 Environmental Conditions

2.2 Measurement Uncertainty

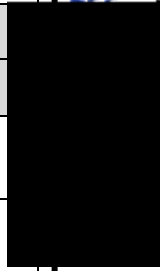




2.3 Test Standards and Results

EMISSION		
Standard	Test Type	Result

IMMUNITY (EN61000-6-2:2005)		
Basic Standard	Test Type	Result



3 Emission Test

3.1 EUT Setup and Operating Conditions

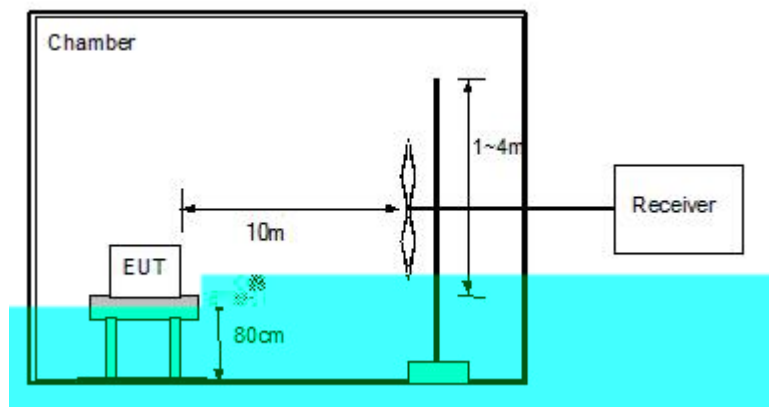
3.2 Radiated Disturbance Measurement

3.2.1 Limits of Radiated Disturbance

Frequency range (MHz)	Quasi peak limits(dB μ V/m), at 10m measurement distance

Notes:

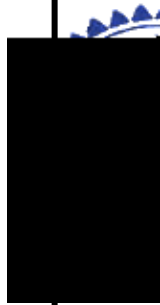
3.2.2 Test Setup

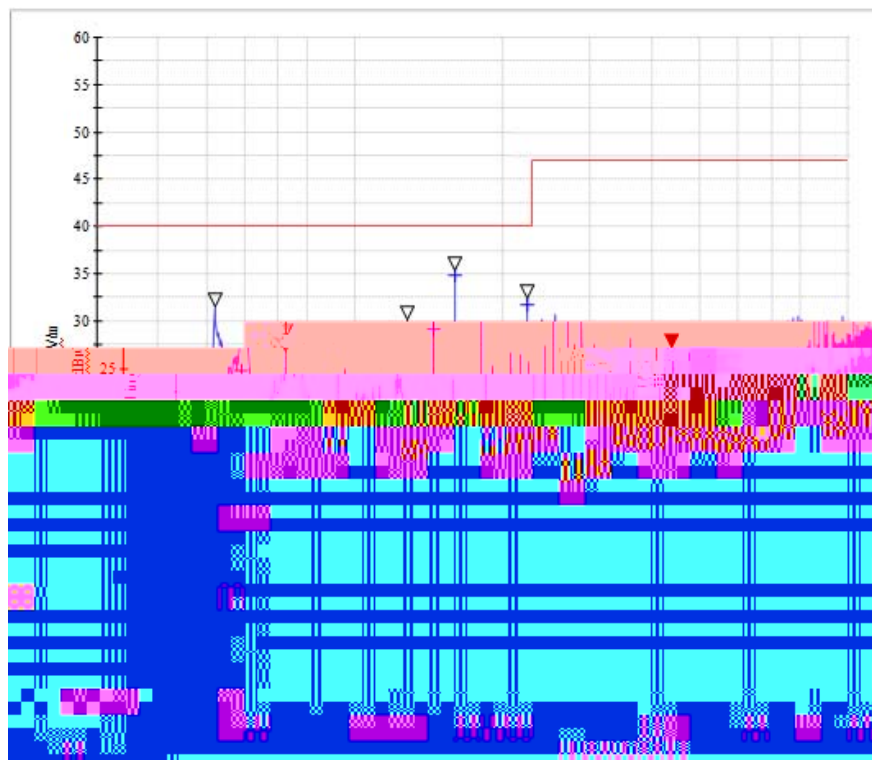
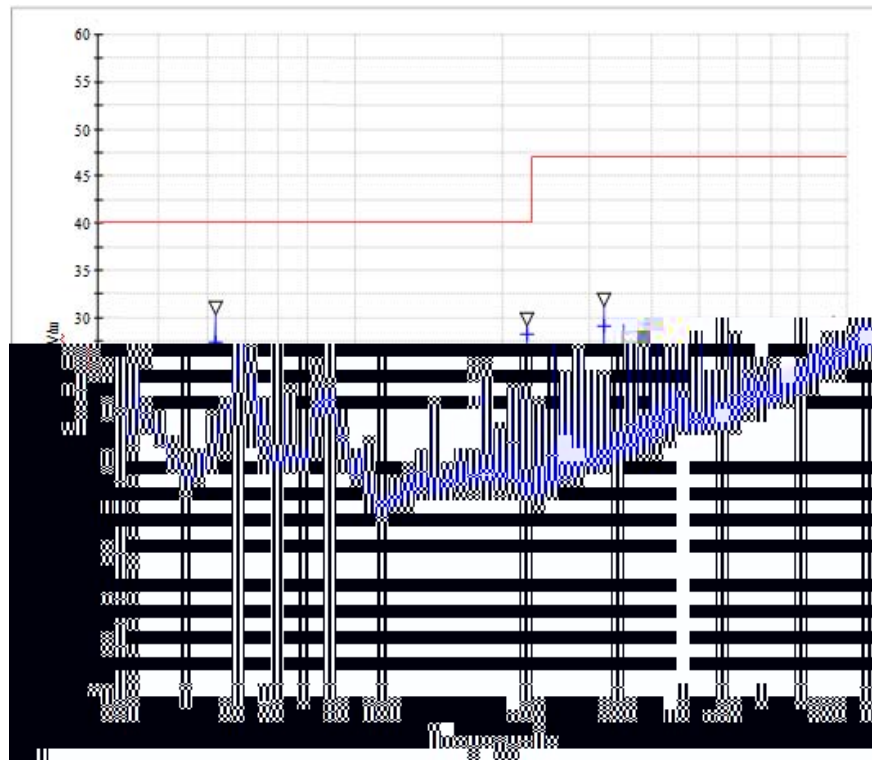




3.2.3 Test Result

No.	Frequency
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4 Immunity Test

4.1 EUT Setup and Operating Conditions

4.2 Performance Criteria

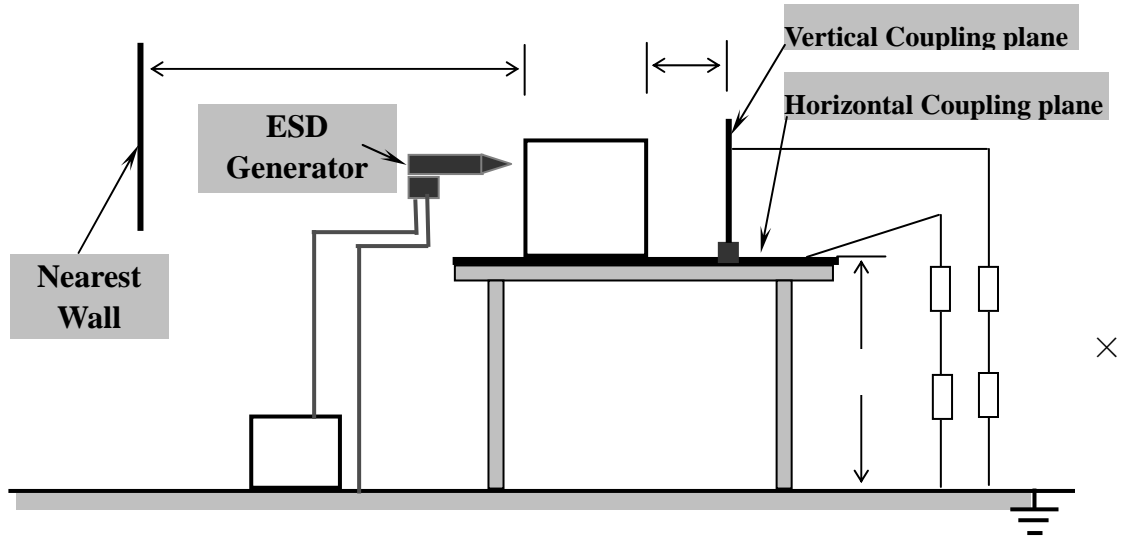
Criterion A	
Criterion B	
Criterion C	

4.3 Electrostatic Discharge Immunity Test

4.3.1 Test Specification

Basic Standard:	
Discharge Impedance	Ω
Discharge Voltage:	
Polarity:	
Number of Discharge:	
Discharge Mode:	
Discharge Period:	
Criterion:	

4.3.2 Test Setup



4.3.3 Test Result

Test Points	Discharge Level (kV)	Discharge Mode	Observation	Comply with Criterion
	±			
	±			

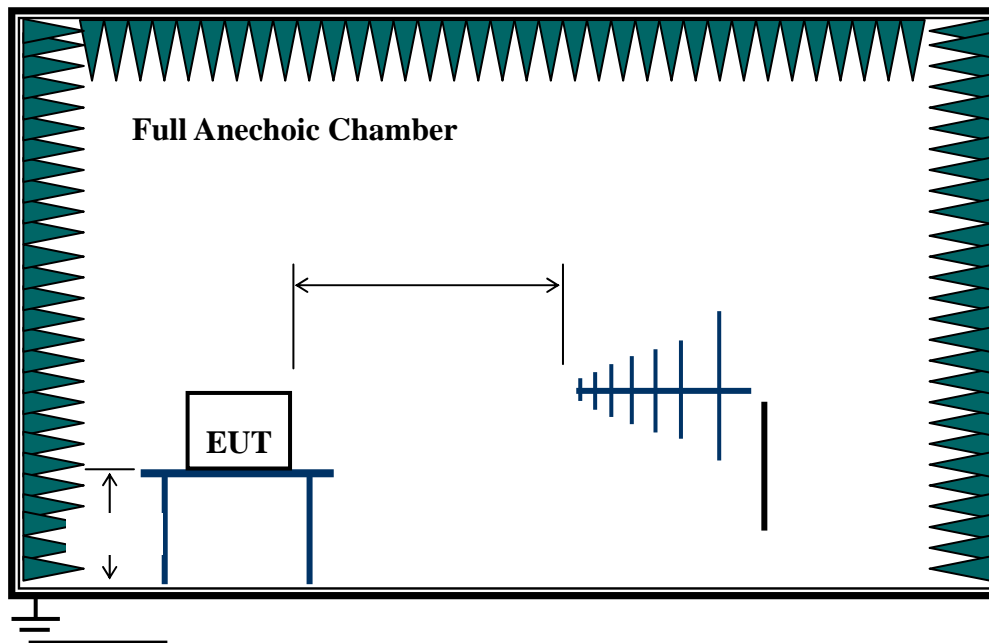
NOTE:

4.4 Radiated, Radio Frequency Electromagnetic Field Immunity Test

4.4.1 Test Specification

Basic Standard:			
Frequency Range:			
Field Strength:			
Modulation:			
Frequency Step:			
Polarity of Antenna			
Test Distance:			
Antenna Height:			
Dwell Time:			
Criterion:			

4.4.2 Test Setup



4.4.3 Test Result

Frequency	Polarity	Azimuth	Field Strength (V/m)	Observation	Comply with Criterion

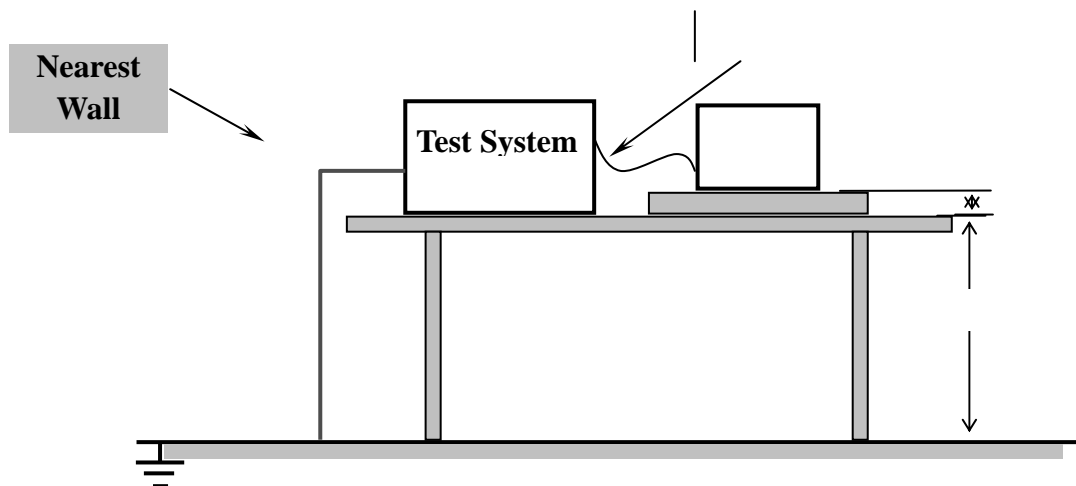


4.5 Electrical Fast Transient/Burst Immunity Test

4.5.1 Test Specification

Basic Standard:	
Test Voltage:	
Polarity:	
Impulse Frequency:	
Impulse wave shape:	
Burst Duration:	
Burst Period:	
Test Duration:	
Criterion:	

4.5.2 Test Setup



4.5.3 Test Result

Test Point	Polarity	Test Level (kV)	Observation	Comply with Criterion

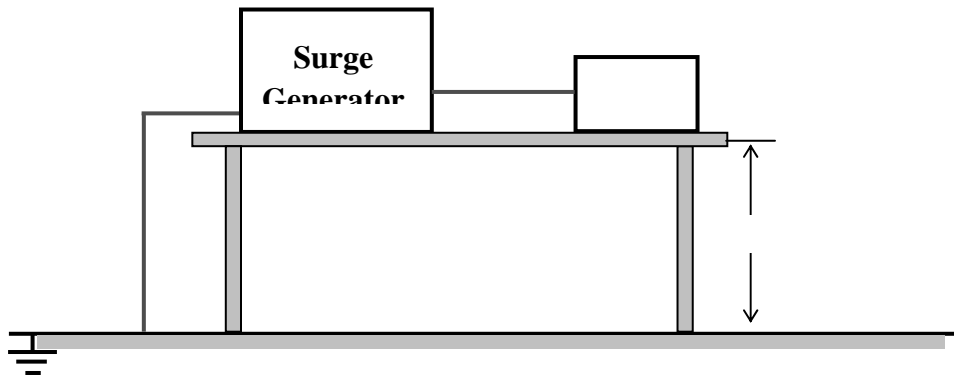
NOTE:

4.6 Surge Immunity Test

4.6.1 Test Specification

Basic Standard:	
Waveform:	μ μ
Test Voltage:	
Polarity:	
Repetition Rate:	
Times:	
Criterion:	

4.6.2 Test Setup



4.6.3 Test Result

Coupling Line	Polarity	Voltage (kV)	Observation	Comply with Criterion

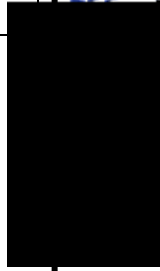
NOTE:



4.7 Immunity to Conducted Disturbances Induced by RF Fields

4.7.1 Test Specification

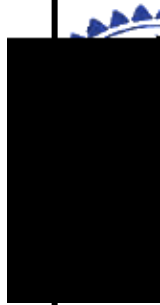
Basic Standard:	
Frequency Range:	
Field Strength:	
Modulation:	



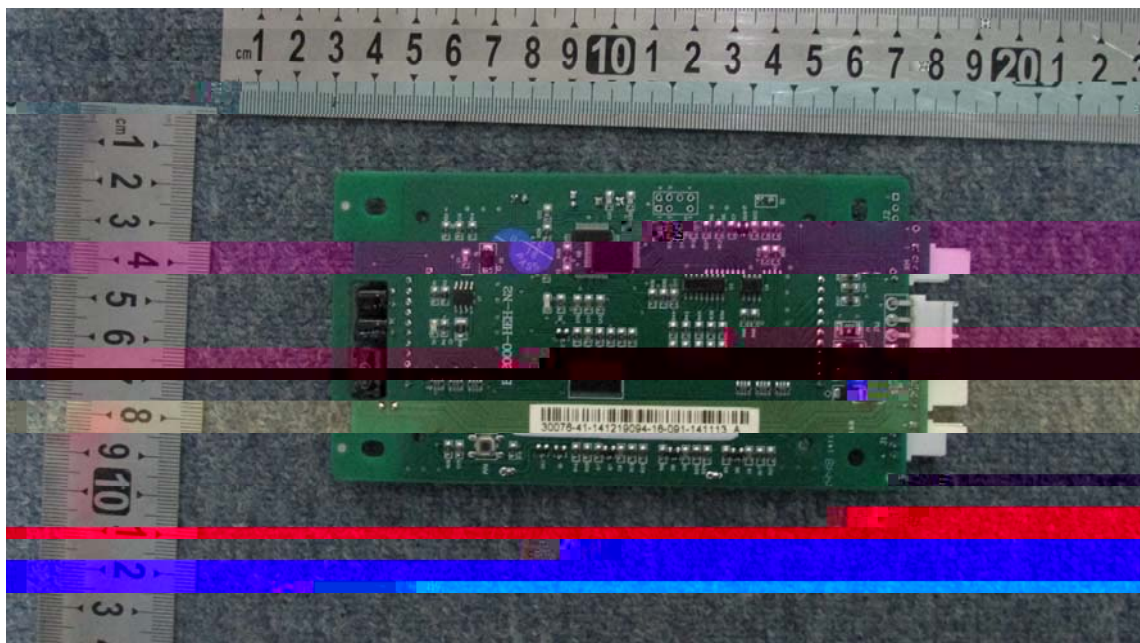
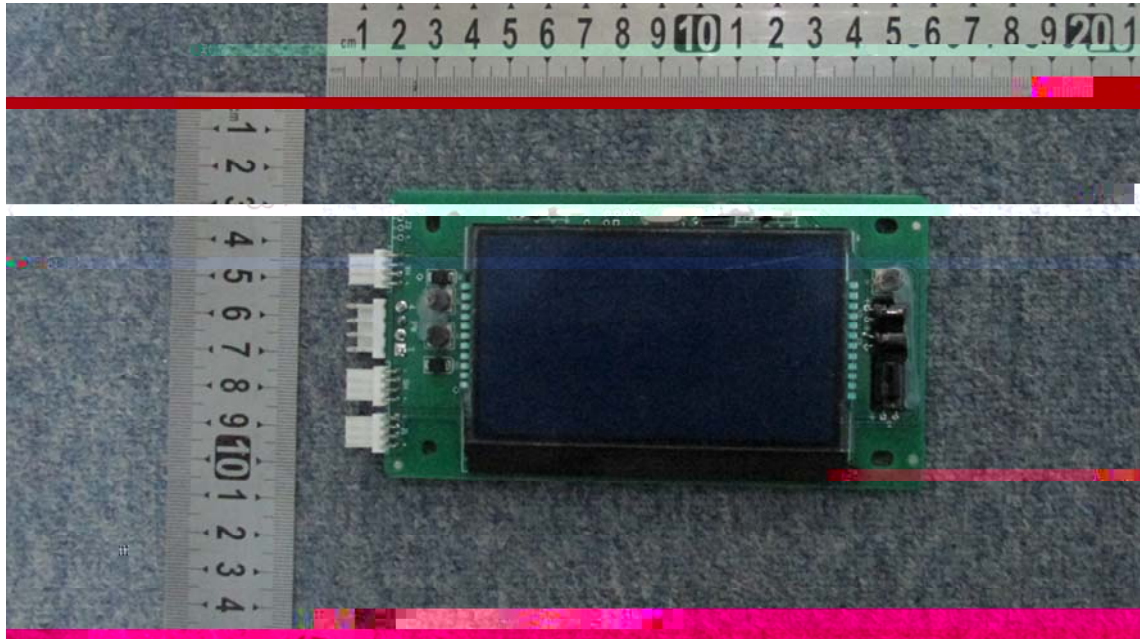
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Frequency Range:

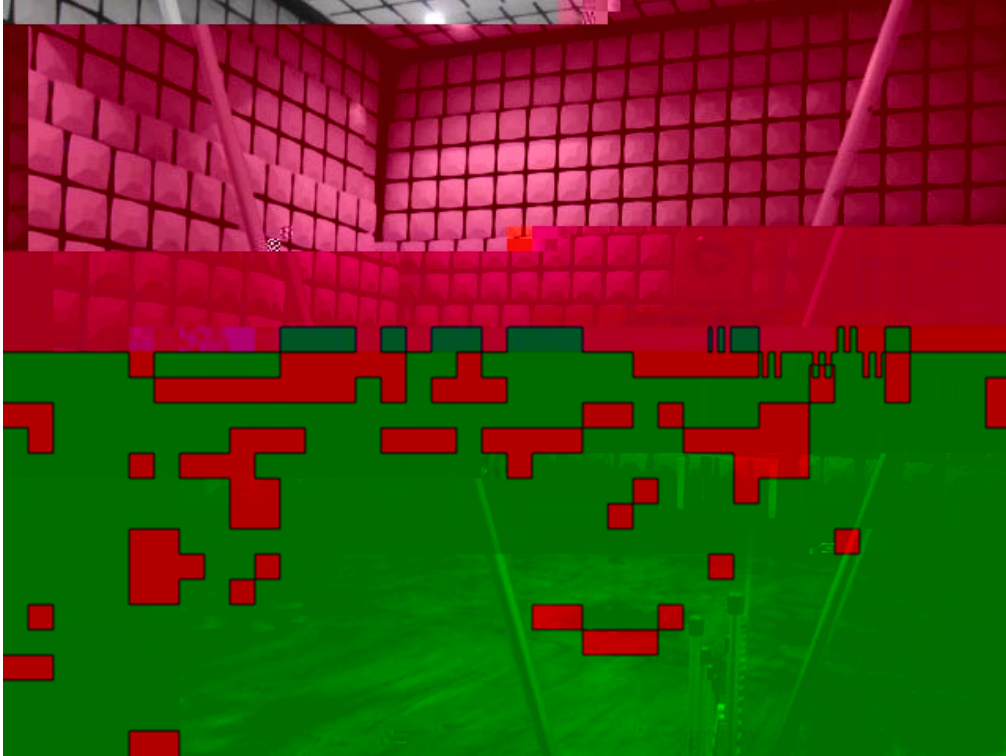


Appendix I Photographs of the EUT

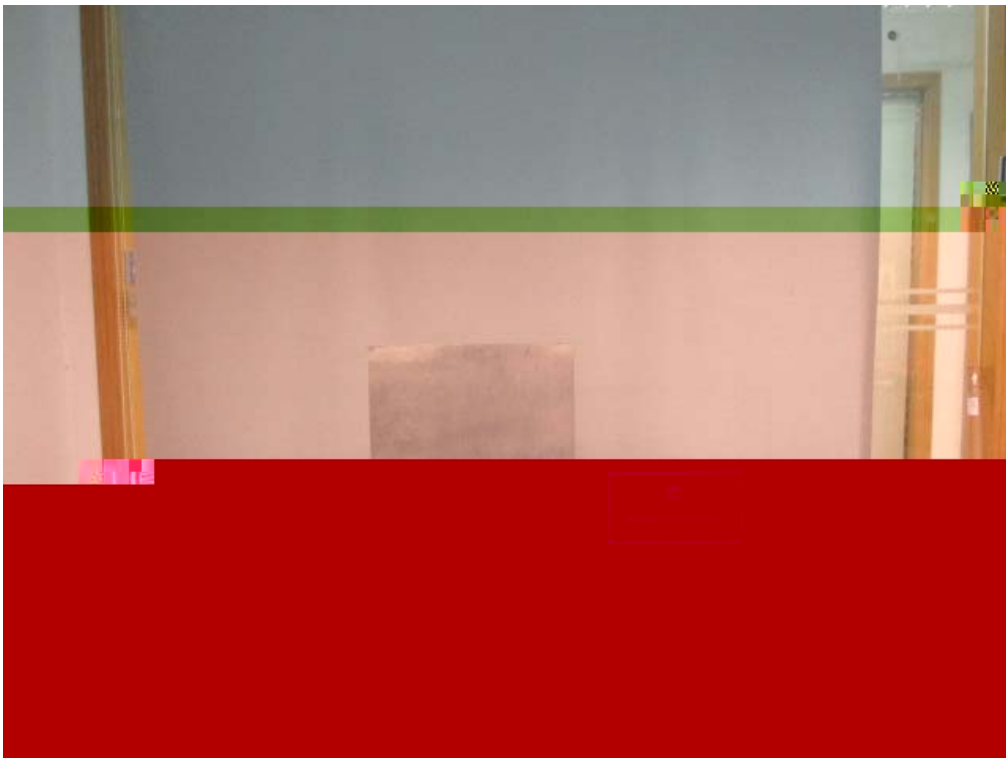


Appendix II Photographs of EMC Test Configuration

1. Radiated Field Strength Measurement

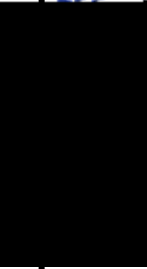


2. Electrostatic Discharge Immunity Test

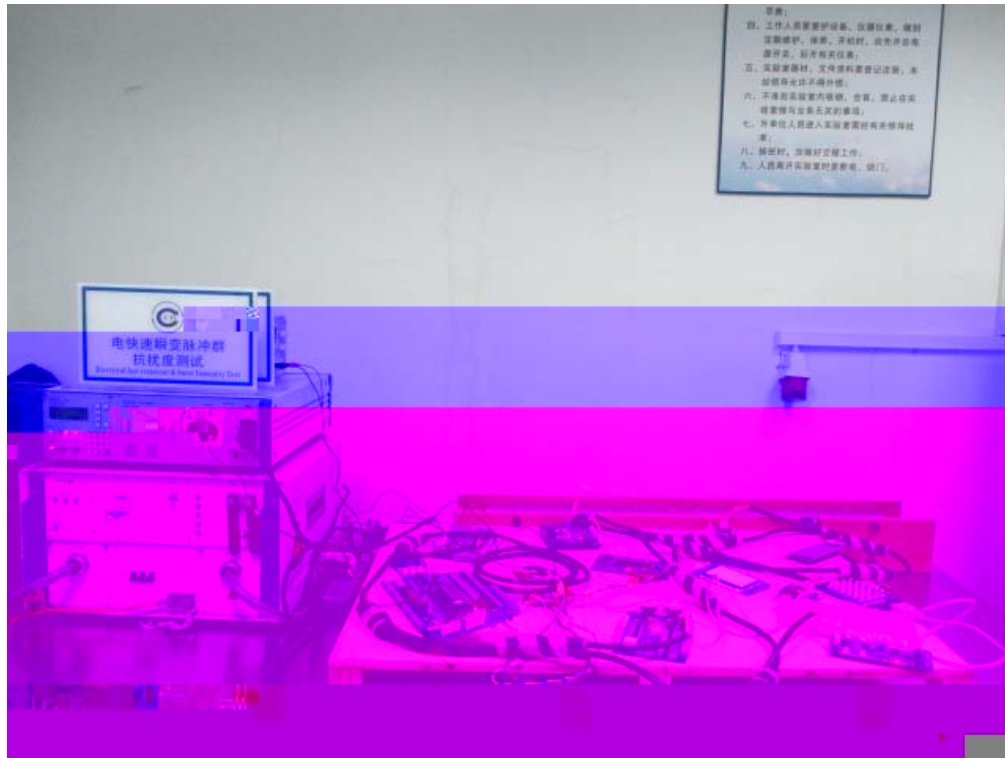




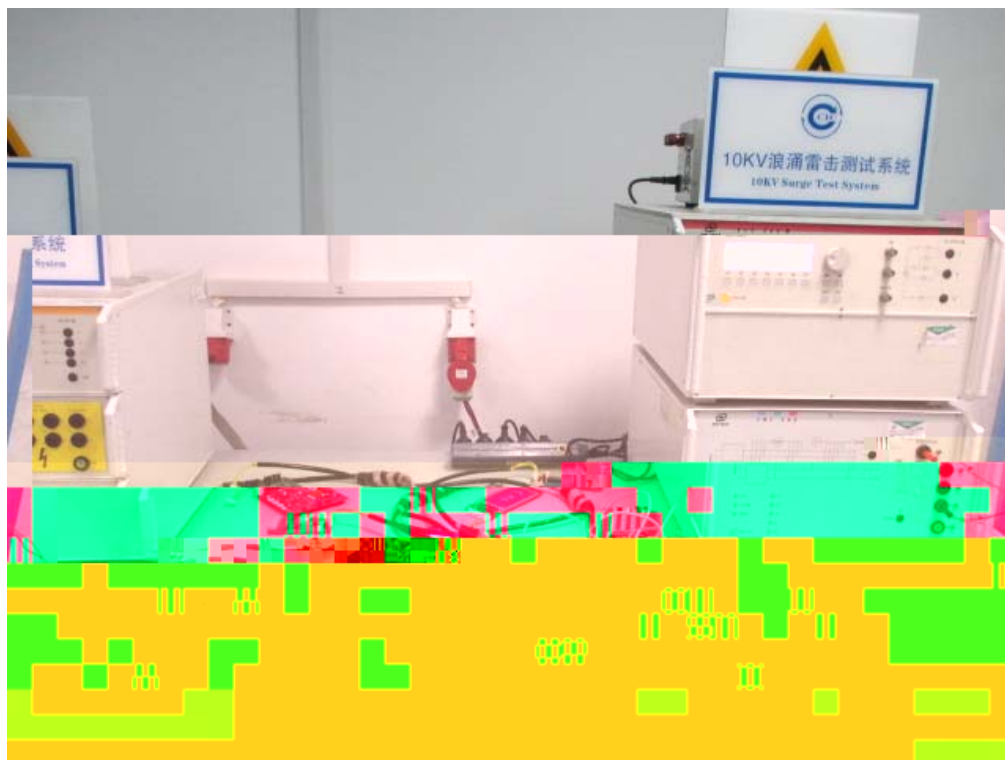
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5. Electrical Fast Transient/Burst Immunity Test



6. Surge Immunity Test



7. Immunity to Conducted Disturbances Induced by RF Fields



8. Power Frequency magnetic Field Immunity





STATEMENT

1. **This test laboratory is accredited by CNAS, Accreditation Certificate No.L1659.**
2. **The test report is invalid without stamp of laboratory.**
3. **The test report is invalid without signature of person(s) testing and authorizing.**
4. **The test report is invalid if erased and corrected.**
5. **Test results of the report is valid to the test samples if sampling by client.**
6. **“ ” item cannot be Accredited by CNAS.**
7. **The test report shall not be reproduced except in full, without written approval of the laboratory.**
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