

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 Lian

Wu Li An, Vice Director



Date of Issue: Feb. 06, 2015

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

Building 28/29, Shigudong, Xixiang Industrial Area, Xili Street, Nanshan District,

Shenzhen, Guangdong, China

Tel: 86-755-26627338 Fax: 86-755-26627238 <http://www.ccic-set.com>



SET2015-01560

EMC TEST REPORT

Report No.

Product

Model No

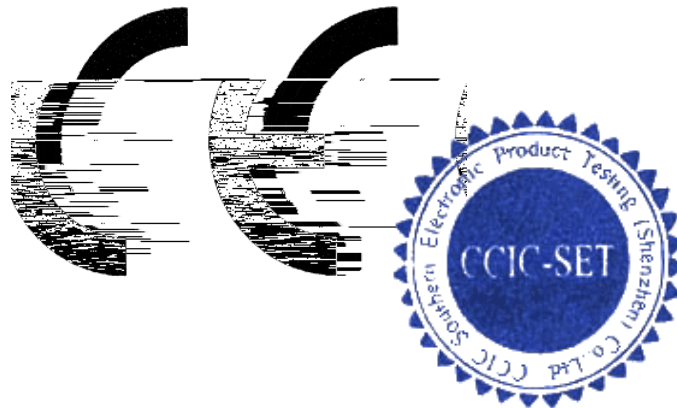
Applicant

Address

Issued by

Lab location

Tel



查询码: 6PA7ZR5b



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.....:



Chen Weichang

Zhu Qi

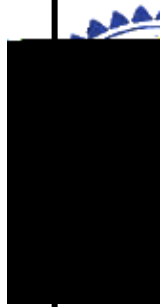
Wu Lian

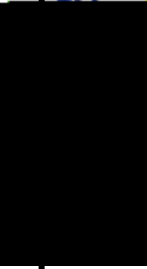
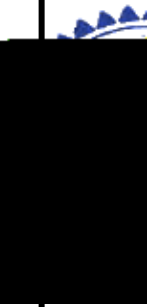




Table of Contents

Report







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

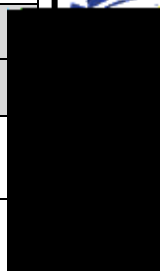




2.3 Test Standards and Results

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

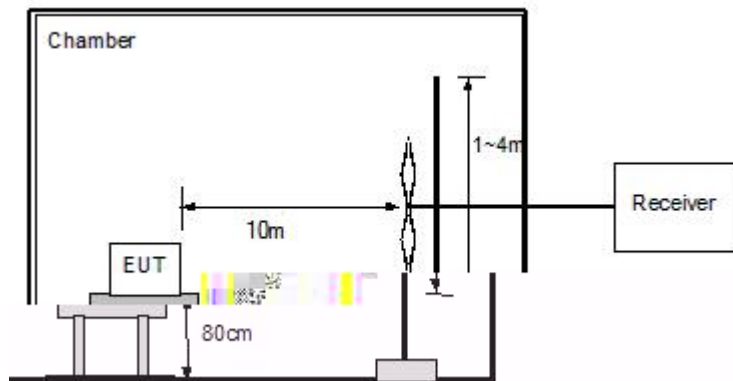
3.2 Radiated Disturbance Measurement

3.2.1 Limits of Radiated Disturbance

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

Notes:

3.2.2 Test Setup

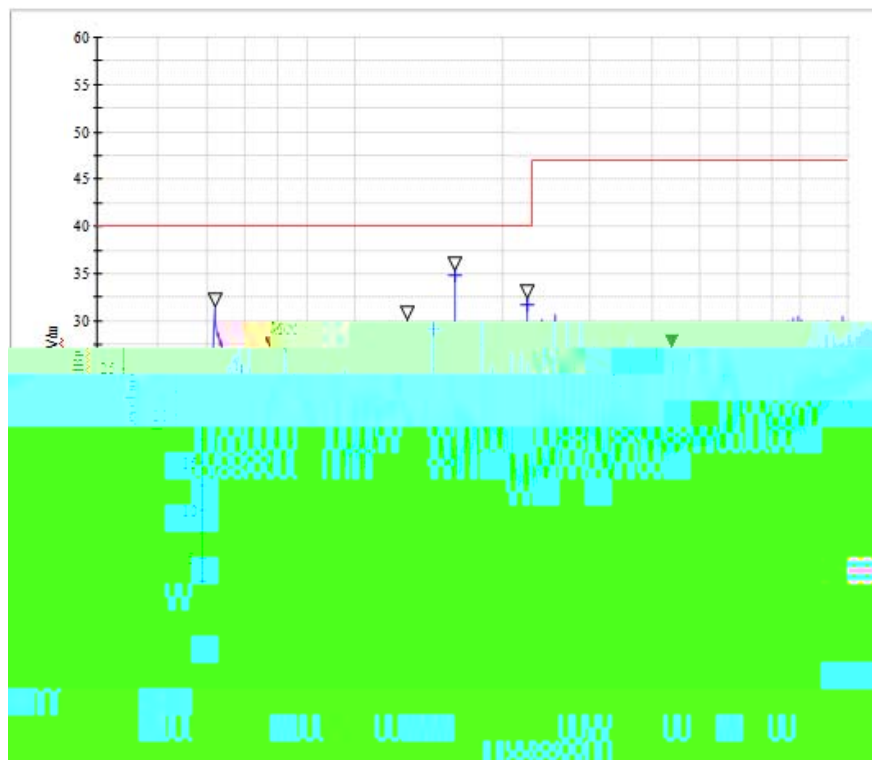
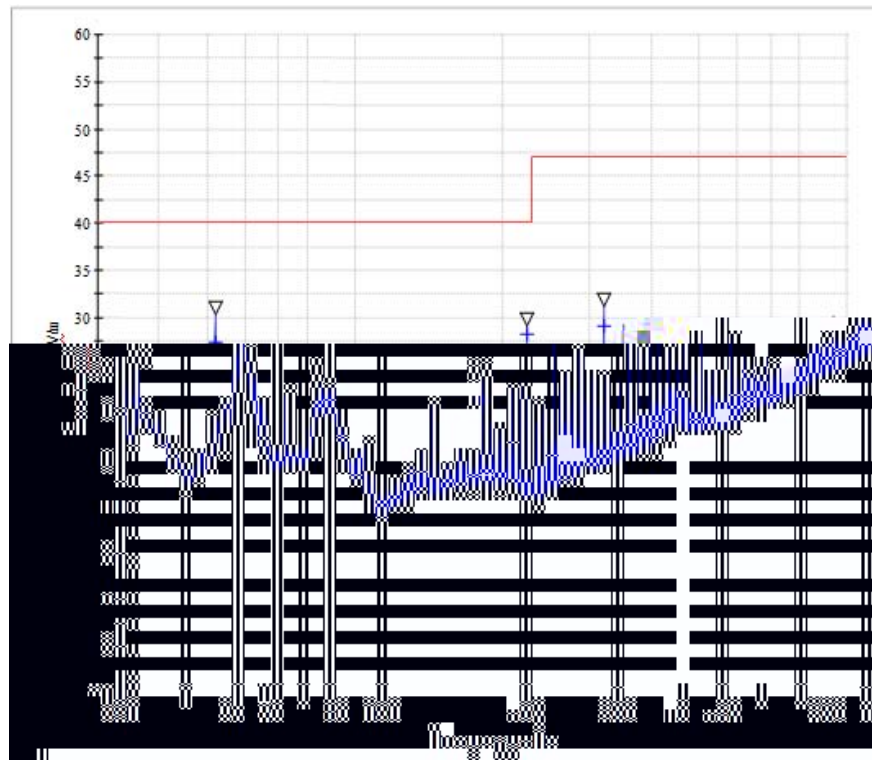




3.2.3 Test Result

No.	Frequency
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4 Immunity Test

4.1 EUT Setup and Operating Conditions

4.2 Performance Criteria

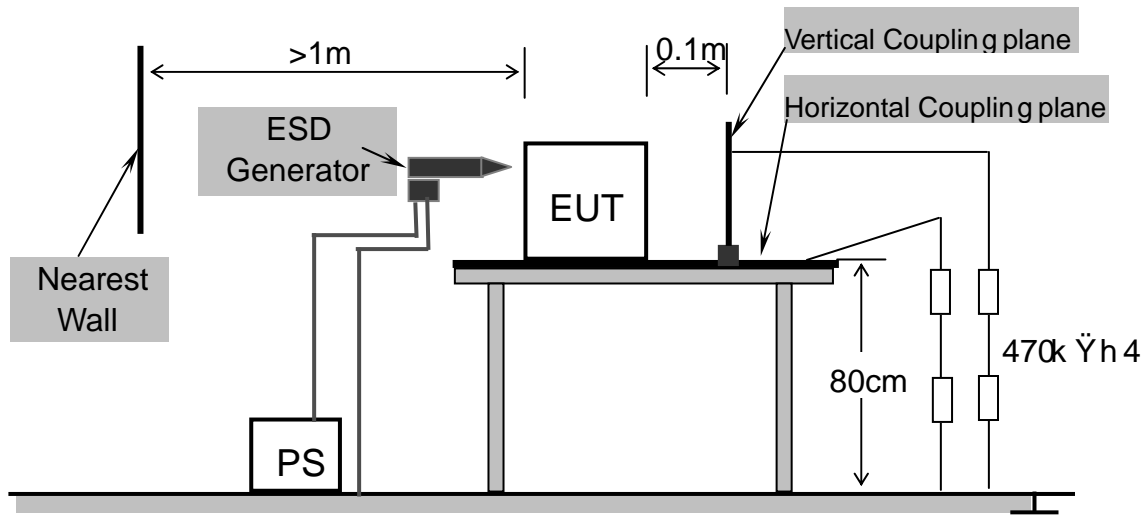
Criterion A	
Criterion B	
Criterion C	

4.3 Electrostatic Discharge Immunity Test

4.3.1 Test Specification

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

4.3.2 Test Setup



For the actual test configuration, please refer to Appendix D Photographs of the Test Configuration.

4.3.3 Test Result

Test Points	Discharge Level (kV)	Discharge Mode	Observation	Comply with Criterion
Screen	±2, 4, 6, 8	Air	Note(1)	A
HCP	f 2, 4	Contact	Note(1)	A
VCP	f 2, 4	Contact	Note(1)	A

NOTE:

(1). The EUT continued to operate as intended. No degradation of performance was observed.

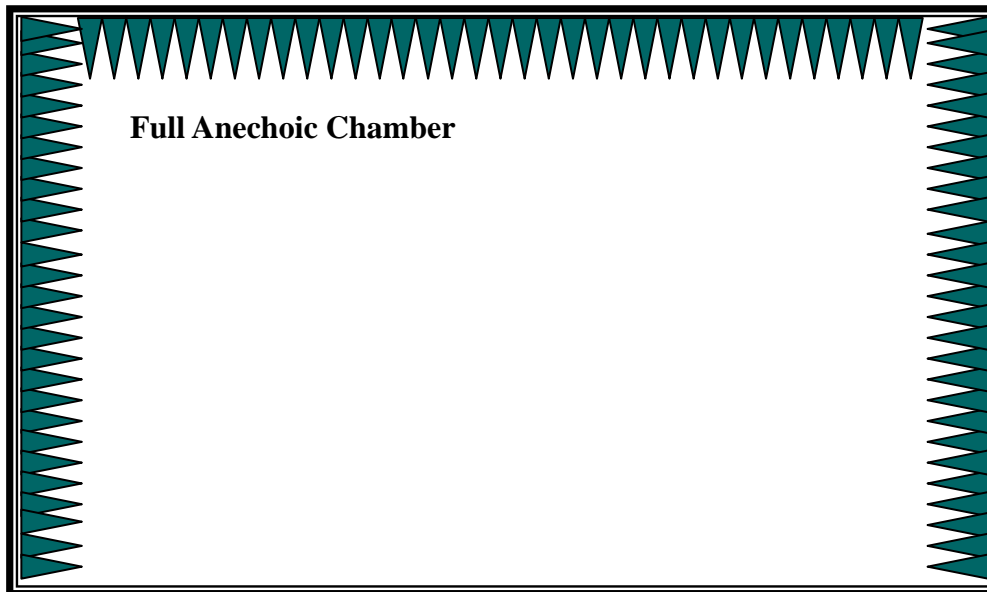


4.4 Radiated, Radio Frequency Electromagnetic Field Immunity Test

4.4.1 Test Specification

Basic Standard:	h		
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

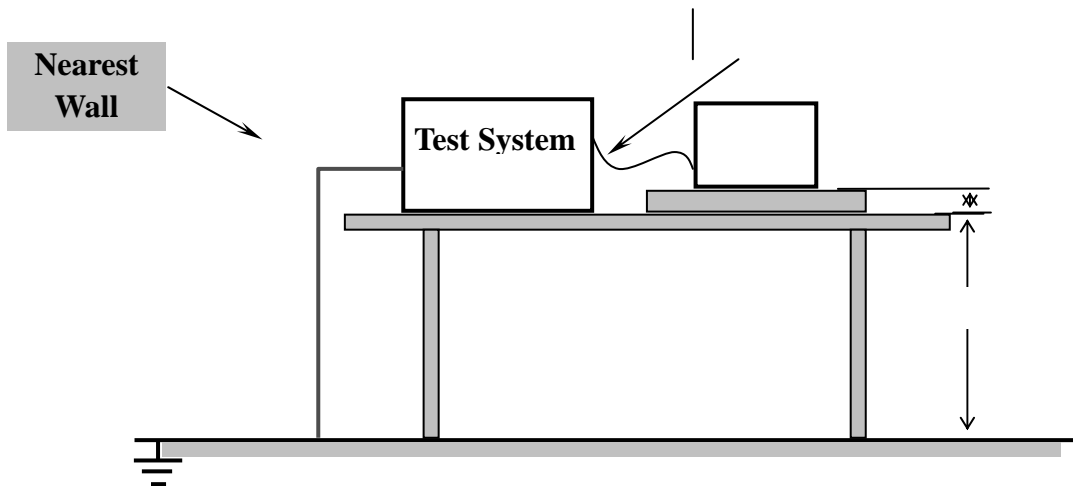


4.5 Electrical Fast Transient/Burst Immunity Test

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

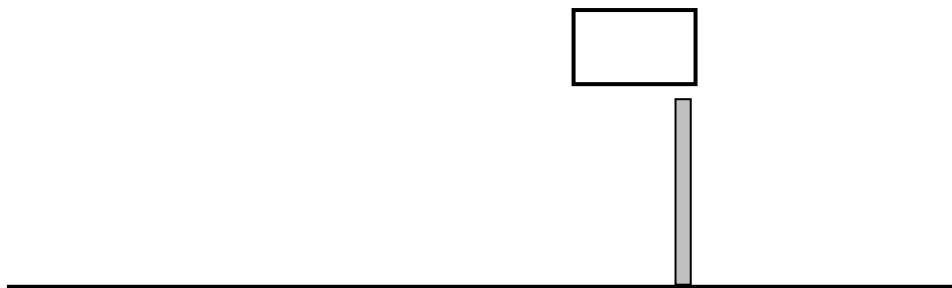
NOTE:

4.6 Surge Immunity Test

4.6.1 Test Specification

Basic Standard:	
Waveform:	
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:

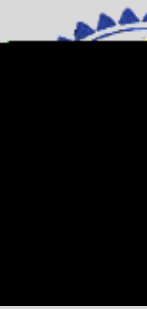


4.7 Immunity to Conducted Disturbances Induced by RF Fields

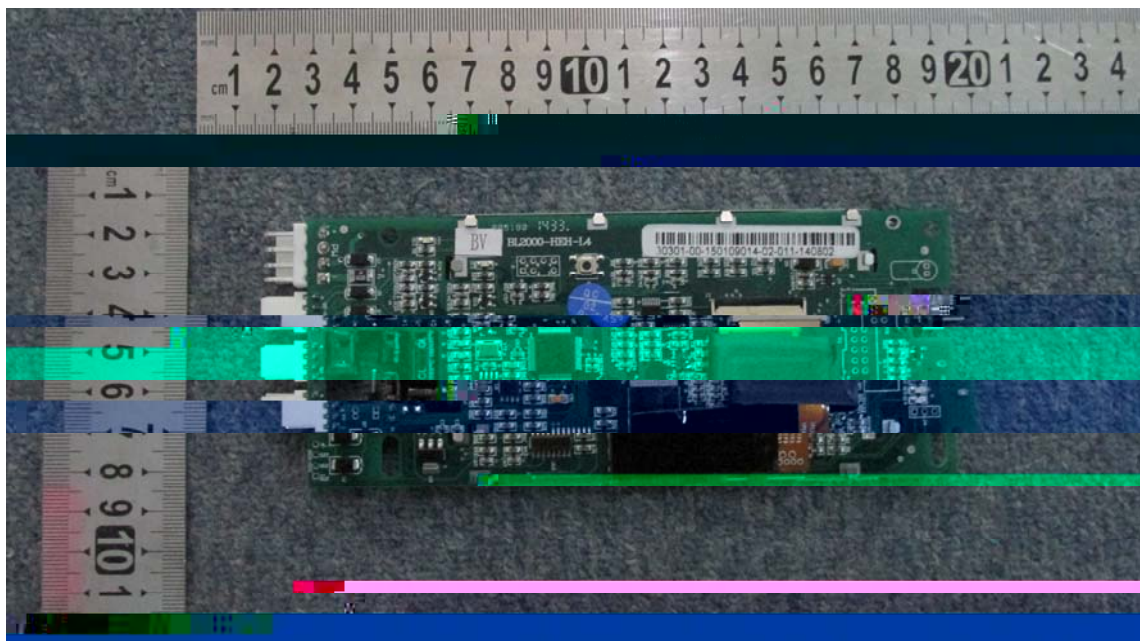
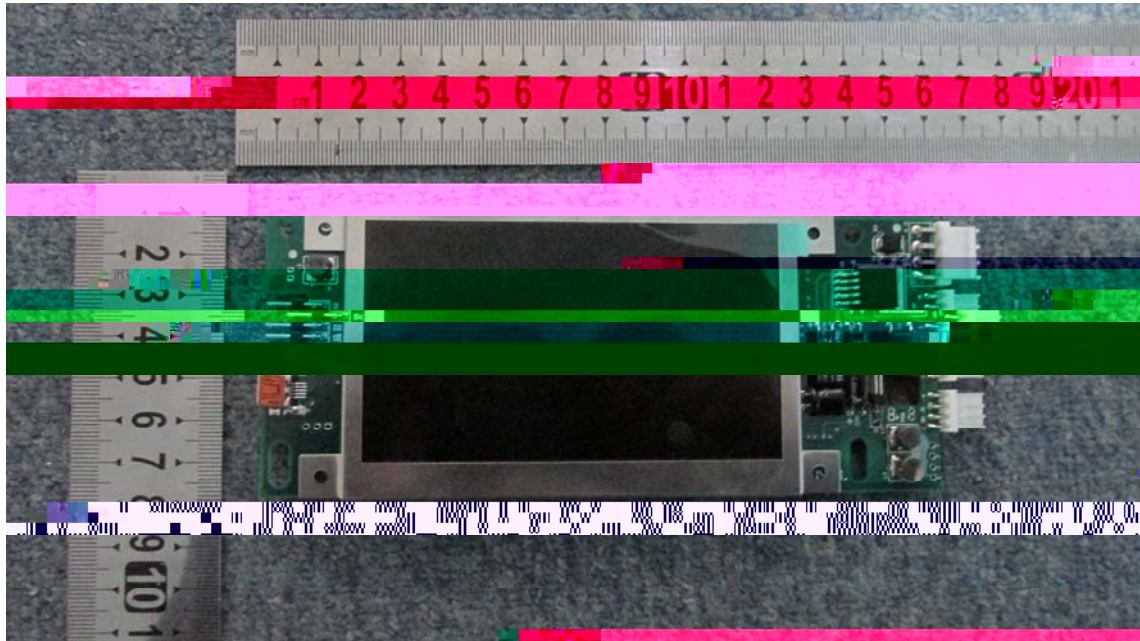
4.7.1 Test Specification

Basic Standard:	
Frequency Range:	
Field Strength:	
Modulation:	





Appendix I Photographs of the EUT

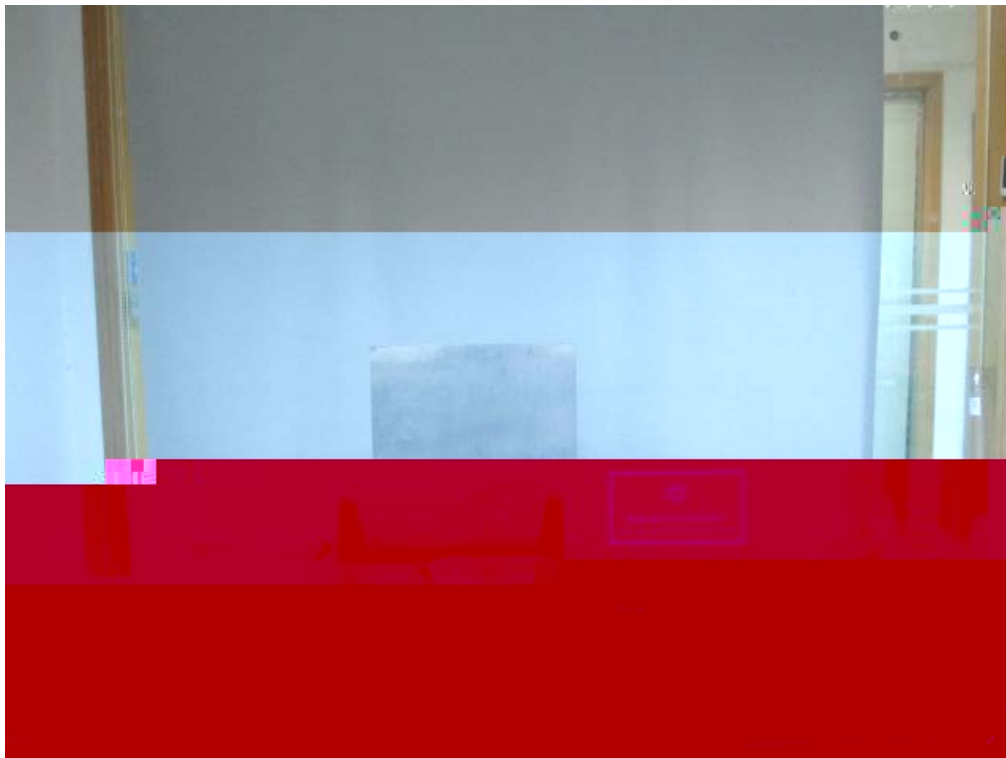


Appendix II Photographs of EMC Test Configuration

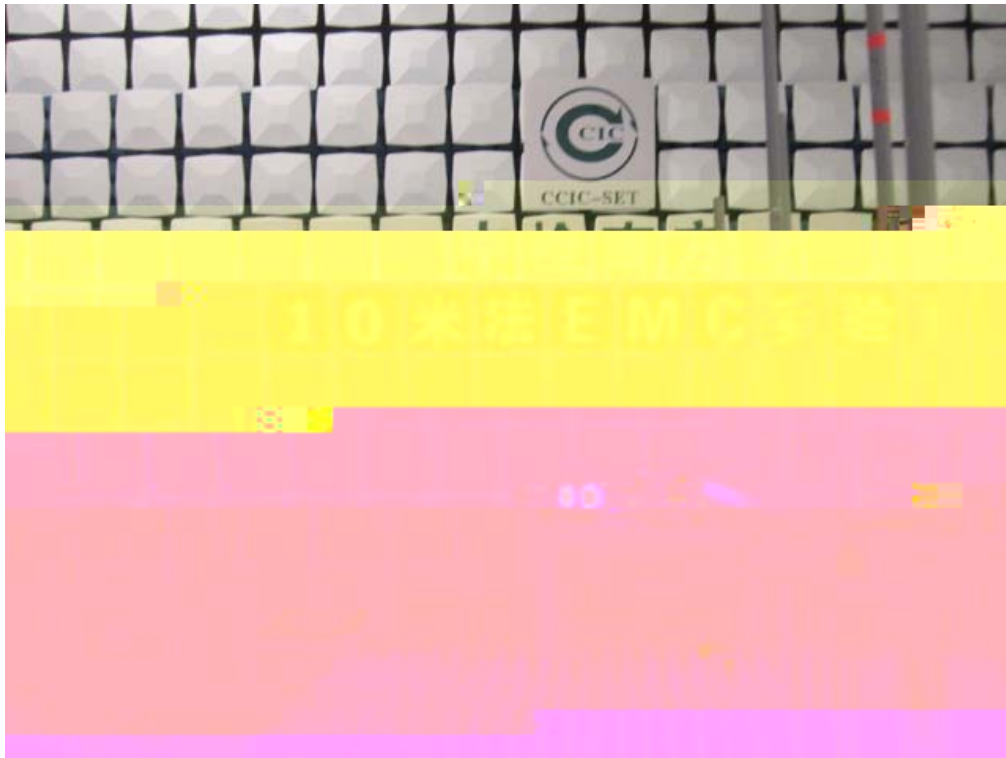
1. Radiated Field Strength Measurement



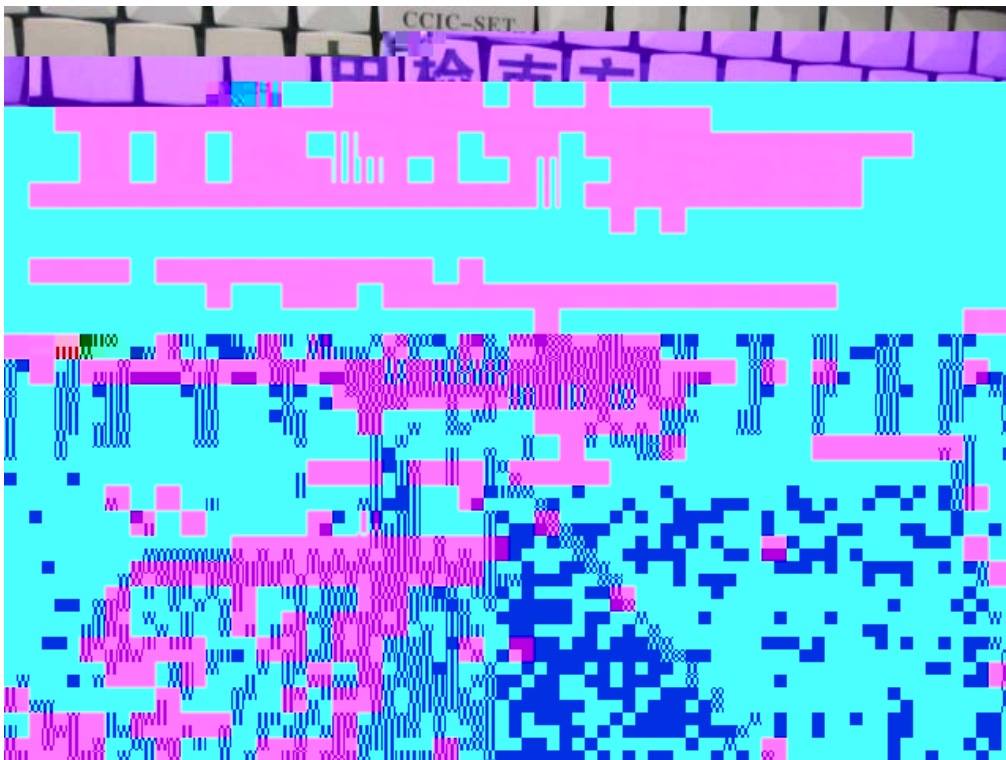
2. Electrostatic Discharge Immunity Test



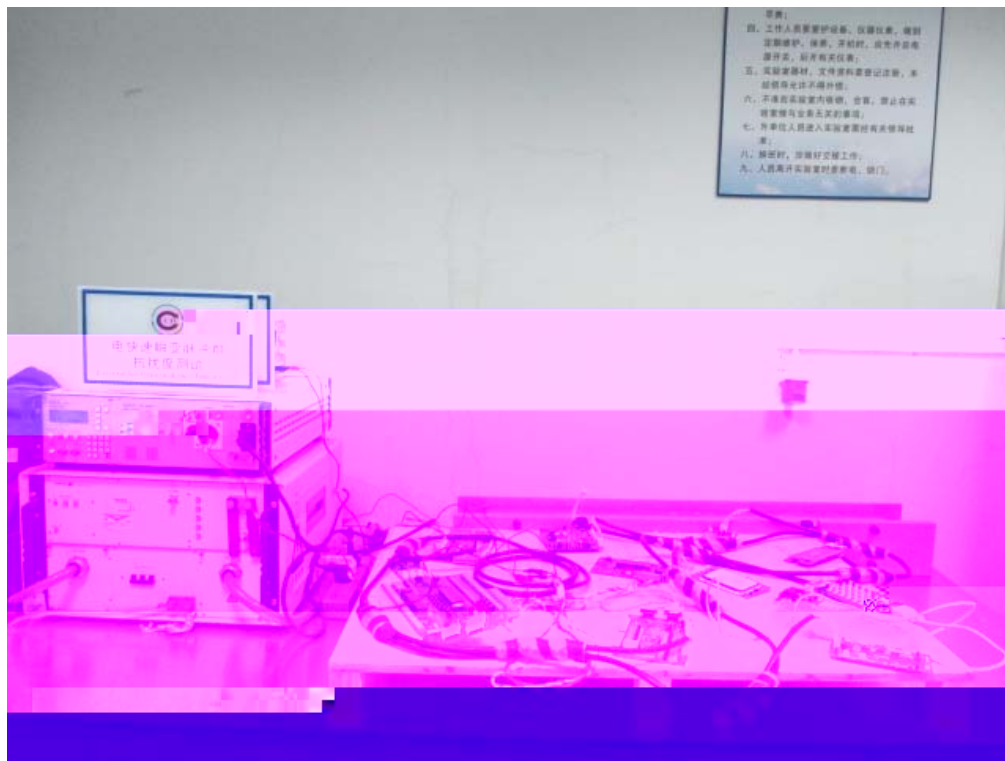
3. Radiated, Radio Frequency Electromagnetic Field Immunity Test (below 1GHz)



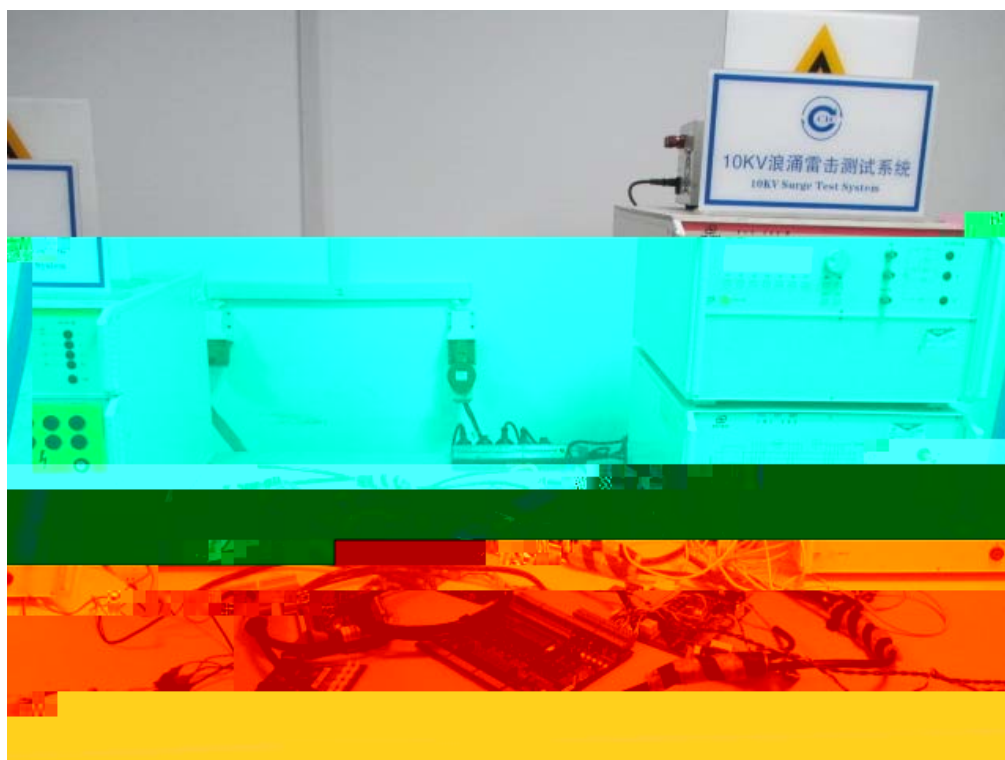
4. Radiated, Radio Frequency Electromagnetic Field Immunity Test (above 1GHz)



5. Electrical Fast Transient/Burst Immunity Test



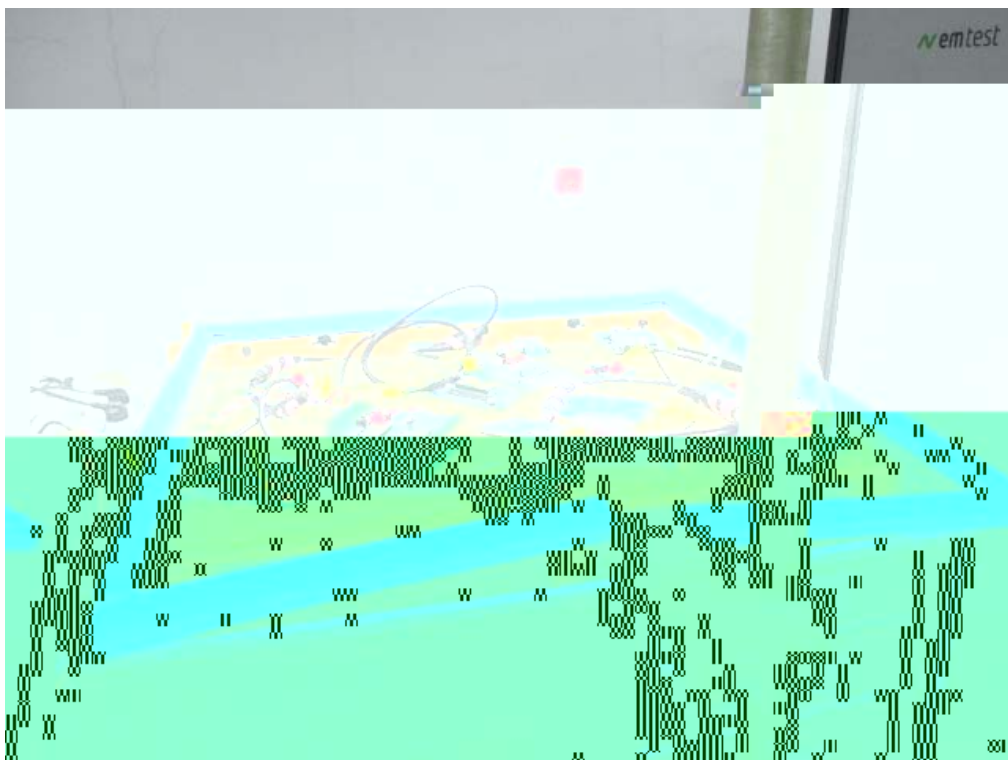
6. Surge Immunity Test



7. Immunity to Conducted Disturbances Induced by RF Fields



8. Power Frequency magnetic Field Immunity





STATEMENT

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.**
8. **If there is any objection to report, the client should inform issuing laboratory within 15 days from the date of receiving test report.**