CERTIFICATE OF CONFORMITY

Certificate No. : NCT19013504E1-1
Product Name : Primary Lithium Battery
Model No : ER14505
(Other models please see the page 3 of the test report)

Applicant : SHENZHEN PKCELL BATTERY CO., LTD.
Address : 2nd Floor, 4th Building, Meitai Technology Park, No.1231, Guanguang Road, Osmanthus Community, Guanlan Town, Longhua New Area, Shenzhen.

Manufacturer : SHENZHEN PKCELL BATTERY CO., LTD.
Address : 2nd Floor, 4th Building, Meitai Technology Park, No.1231, Guanguang Road, Osmanthus Community, Guanlan Town, Longhua New Area, Shenzhen.

Trade Mark : N/A

The above products have been tested by us with the listed standards and found in compliance with the EUROPEAN COUNCIL EMC DIRECTIVE 2014/30/EU. It is possible to use CE marking to demonstrative the compliance with this EMC directive.

Test standards:	Report(s) Number	Issued By	Issued Date
EN 55032:2015/AC: 2016-07 EN 61000-3-2:2014 EN 61000-3-3:2013 EN 55035:2017	NCT19013504E1-1	NCT	Apr. 01, 2019

This certificate of conformity is not transferable and based on an evaluation of a sample of the above mentioned product.

Date: Apr. 02, 2019 Signature:

Shenzhen NCT Testing Technology Co., Ltd. 2008

Shenzhen NCT Testing Technology Co., Ltd.
Hotline:400-886-4819 Http://www.nct-testing.cn
1 / F, No. B Building, Mianshang Younger Pioneer Park, Hangcheng Road,
Gushu Xixiang Street, Baoan District, Shenzhen

NCT Technology

CE

TEST REPORT

For

Primary Lithium Battery

Model: ER14505

（Other models please see the page 3）

Prepared for: SHENZHEN PKCELL BATTERY CO., LTD.
2nd Floor, 4th Building, Meitai Technology Park, No.1231, Guanguang Road, Osmanthus Community, Guanlan Town, Longhua New Area, Shenzhen.

Prepared by: Shenzhen NCT Testing Technology Co., Ltd
1 / F, No. B Building, Mianshang Younger Pioneer Park, Hangcheng Road, Gushu Xixiang Street, Baoan District, Shenzhen

TEL: +86-755-27790922
FAX: +86-755-27790922

Report Number: NCT19013504E1-1
Date of Test: Mar. 26, 2019~Apr. 02, 2019
Date of Issue: Apr. 02, 2019

Tested By: Berry zhao
Berry zhao

Reported By: Berry zhao
Berry zhao

Reviewed By: Jack Dan
Jack Dan

The results detailed in this test report relate only to the specific sample(s) tested. It is the Application's responsibility to ensure that all production units are manufactured with equivalent EMC characteristics. This report is not to be reproduced except in full, without written approval from NCT Testing Technology.

Table of contents

1.0 General Information

1.1 Client Information

Application:	SHENZHEN PKCELL BATTERY CO., LTD.
Address of Application:	2nd Floor, 4th Building, Meitai Technology Park, No.1231 ,Guanguang Road, Osmanthus Community, Guanlan Town, Longhua New Area, Shenzhen.
Manufacturer:	SHENZHEN PKCELL BATTERY CO., LTD.
Address of Manufacturer:	2nd Floor, 4th Building, Meitai Technology Park, No.1231 ,Guanguang Road, Osmanthus Community, Guanlan Town, Longhua New Area, Shenzhen.

1.2 General Description of E.U.T.

Product Name:	Primary Lithium Battery
Model:	ER14505
Additional Model:	ER14250, ER10450, ER14250, ER14335, ER14505, ER14505H, ER17335, ER17505, ER18505, ER26500, ER261020, ER34615, ER341245, 18505M, 26500M, 34615M.
Trade Mark:	N/A
Power Supply:	DC 3.6V, 2.4A, 8.64Wh for Internal Battery
Model Difference:	All models are the same except for model name and appearance.

1.3 Test Facility:

Name of Test Lab:	Shenzhen NCT Testing Technology Co., Ltd.
Address of Test Lab:	1 / F, No. B Building, Mianshang Younger Pioneer Park, Hangcheng Road, Gushu Xixiang Street, Baoan District, Shenzhen
Telephone:	+86-755-27790922
Fax:	+86-755-27790922

2.0 List of Measurement Equipment					
Name	Model No.	Serial No.	Manufacturer	Date of Cal.	Due Date
Conducted emission					
EMI Test Receiver	ESCS30	1102.4500.30	RS	Jun 06, 2018	Jun 05, 2019
LISN	LS16C	10010947251	AFJ	Jun 06, 2018	Jun 05, 2019
Radiated emission					
EMI Test Receiver	ESVD	1026.5506.10	RS	Jun 06, 2018	Jun 05, 2019
Spectrum Analyzer	FSEM	1079.8500.30	RS	Jun 06, 2018	Jun 05, 2019
Coaxial Switch	MP59B	M70585	ANRITSU	N/A	N/A
Amplifier	8447D	2727A05017	HP	Jun 06, 2018	Jun 05, 2019
Bilog Antenna	VULB9163	9163/340	Schwarebeck	Jun 06, 2018	Jun 05, 2019
Harmonic & Flicker					
Harmonics Flicker Test System	PACS-1	72305	CI	Jun 06, 2018	Jun 05, 2019
5K VA AC Power source	5001iX	56060	CI	Jun 06, 2018	Jun 05, 2019
Electrostatic Discharge					
Electostastic Discharge Generator	ESD61002AG	PR12092502	Prima	Jun 06, 2018	Jun 05, 2019
Continuous radiated disturbances					
Signal Generator	2022D	119246/003	Maconi	Jun 06, 2018	Jun 05, 2019
Power Amplifier	A00181-1000	9801-112	M2S	Jun 06, 2018	Jun 05, 2019
Power Amplifier	AC8113/ 800-250A	9801-179	M2S	Jun 06, 2018	Jun 05, 2019
Power Antenna	CBL6140A	1204	SCHAFFNER	Jun 06, 2018	Jun 05, 2019
EFT/Surge/Dip					
Fast Transient Burst Simulator	EFT61004BG	PR12074375	Prima	Jun 06, 2018	Jun 05, 2019
Lightning Surge Generator	SUG61005BG	PR12125534	Prima	Jun 06, 2018	Jun 05, 2019
CYCLE SAG SIMULATOR	DRP61011AG	PR12106201	Prima	Jun 06, 2018	Jun 05, 2019
Continuous conducted disturbances					
Signal Generator	2022D	119246/003	Maconi	Jun 06, 2018	Jun 05, 2019
Power Amplifier	A00181-1000	9801-112	M2S	Jun 06, 2018	Jun 05, 2019
CDN	M3-8016	003683	MEB	Jun 06, 2018	Jun 05, 2019
Power-frequency Magnetic field					
Continuous Wave Simulator	UCS 500 M4	0304-42	EM TEST	Jun 06, 2018	Jun 05, 2019
Power Source Network	MV 2616	0104-14	EM TEST	Jun 06, 2018	Jun 05, 2019
Current Transformer	MC2630	--	EM TEST	Jun 06, 2018	Jun 05, 2019
Magnetic Coil	MS100	0304-42	EM TEST	Jun 06, 2018	Jun 05, 2019

3.0 Technical Details

3.1 Investigations Requested

Perform Electromagnetic Interference [EMI] & Electromagnetic Susceptibility [EMS] tests for CE Marking

3.2 Test Standards

EN55032:2015/AC: 2016-07	Limits and methods of measurement of radio disturbance characteristics for information technology equipment
EN 61000-3-2:2014	Electromagnetic compatibility(EMC)- Part 3-2:Limits-Limits for harmonic current emissions(equipment input current ≤16A per phase)
EN 61000-3-3:2013	Electromagnetic compatibility (EMC)- Part 3-3:Limits-Limitation of voltage changes, Voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤16A per phase and not subject to conditional connection
EN 55035:2017	Electromagnetic Compatibility Generic Immunity Standard, Part 1: Residential, Commercial and Light Industry.

3.3 Performance Criteria

Criterion A During and after the test the EUT shall continue to operate as intended without operator intervention. No degradation of performance of loss of function is allowed.

Criterion B During the test, degradation of performance is allowed. However, no change of operating state or stored data is allowed to persist after the test.

Criterion C During and after testing, temporary loss of function is allowed, provided the function is self-recoverable, or can be restored by the operation of the controls or cycling of the power to the EUT by the user in accordance with the manufacturer' instructions.

Functions, and/or information stored in non-volatile memory, or protected by a battery backup, shall not be lost.

3.4 Test standards and Results Summary Tables

Test Condition	Test Requirement	Test Method	Test Result
EMISSION Results Summary			
Conducted Emission on AC Mains, 150KHz to 30MHz	EN 55032:2015/AC: 2016-07	EN 55032:2015/AC: 2016-07	N/A
Conducted Emission on at telecommunication ports, 150KHz to 30MHz	EN 55032:2015/AC: 2016-07	EN 55032:2015/AC: 2016-07	N/A
Radiated Emissions, 30MHz to 1GHz	EN 55032:2015/AC: 2016-07	EN 55032:2015/AC: 2016-07	Pass
Harmonic Emissions on AC supply	EN 61000-3-2:2014	EN 61000-3-2:2014	N/A
Voltage fluctuations on AC supply	EN 61000-3-3:2013	EN 61000-3-3:2013	N/A
IMMUNITY Results Summary			
Electrostatic Discharge	EN 55035:2017	EN 61000-4-2: 2009	Pass
RF field strength susceptibility	EN 55035:2017	EN 61000-4-3: 2004+A1:2010	Pass
Electrical Fast transients /Burst Immunity	EN 55035:2017	EN 61000-4-4:2012	N/A
Surge	EN 55035:2017	EN 61000-4-5:2014/A1:2017	N/A
Conducted susceptibility	EN 55035:2017	EN 61000-4-6:2014/AC:2015	N/A
Power-frequency Magnetic Field	EN 55035:2017	EN 61000-4-8:2010	N/A
Dips/Voltage Interruption Variation	EN 55035:2017	EN 61000-4-11:2004/A1:2017	N/A

Note: N/A=Not applicable

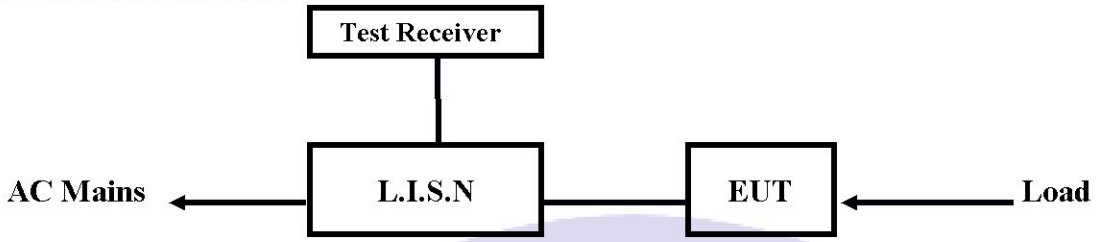
3.5 Measurement Uncertainty（95% confidence levels, k=2)

No.	Item	MU
1.	Temperature	±0.1℃
2.	Humidity	±1.0%
3.	Spurious emissions, conducted	±3.70dB
4.	All emissions, radiated	±4.50dB

4.0 Electromagnetic Interference Test results

4.1 Power Line Conducted Emission Test

4.1.1 Schematics of the test



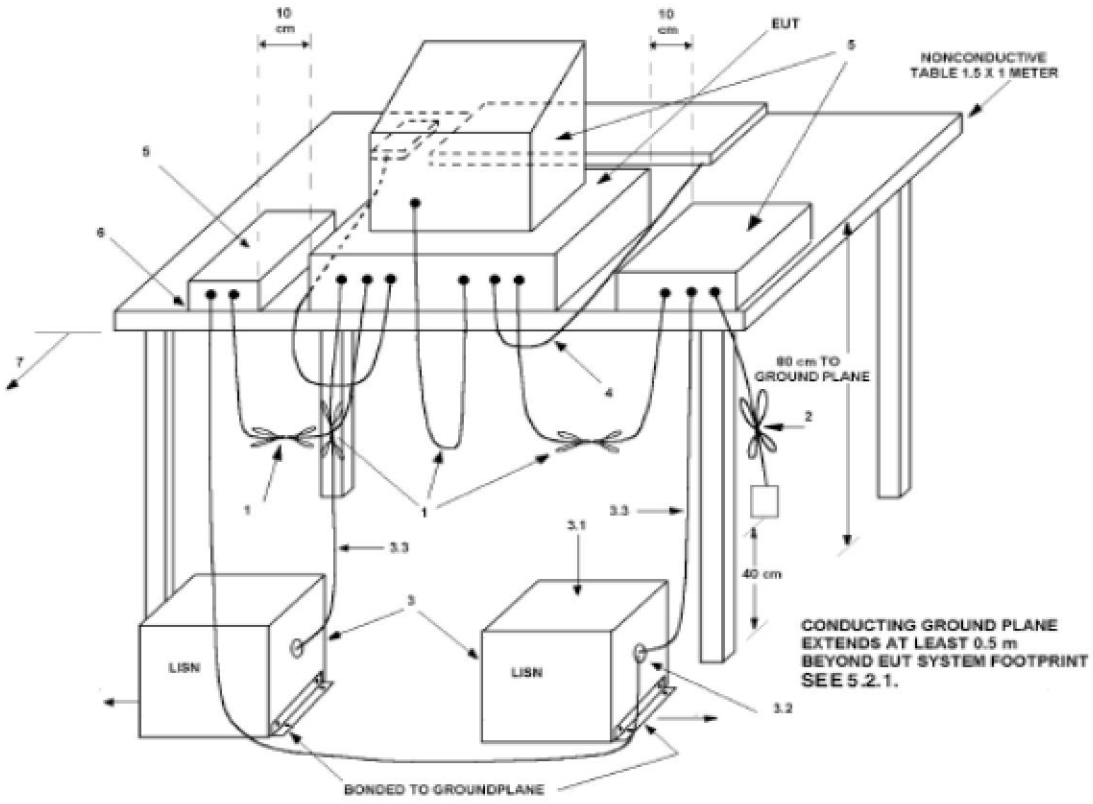
EUT: Equipment Under Test

4.1.2 Test Method and test Procedure

The test was performed in accordance with EN 55032:2015/AC:2016-07

Test Voltage: 230V~, 50HZ

Block diagram of Test setup



4.1.3 EUT Operating Condition

Operating condition is according to EN 55032:2015/AC:2016-07

Setup the EUT and simulators as shown on the following

4.1.4 Test Equipment

Please refer to the Section 2

4.1.5 Power line conducted Emission Limit

Frequency(MHz)	Class A Limits (dBμV)		Class B Limits (dBμV)	
	Quasi-peak Level	Average Level	Quasi-peak Level	Average Level
0.15 ～ 0.50	79.0	66.0	66.0～56.0*	56.0～46.0*
0.50 ～ 5.00	73.0	60.0	56.0	46.0
5.00 ～ 30.00	73.0	60.0	60.0	50.0

Notes: 1. *Decreasing linearly with logarithm of frequency.

2. The tighter limit shall apply at the transition frequencies

4.1.6 Photo documentation of the test set-up

Please refer to the Section 7

4.1.7 Test specification:

Environmental conditions: Temperature: 23° C Humidity: 50% Atmospheric pressure: 103kPa

Frequency range: 0.15 MHz – 30 MHz

4.1.8 Test result

The requirements are FULFILLED

Remarks: According to the EN 55032:2015/AC:2016-07

Hotline: 400-886-4819 Fax: 86-755-27790922 http://www.nct-testing.cn

A Conducted Emission on Live Terminal of the power line (150kHz to 30MHz)

EUT Description: --
Operation Mode: --
Tested By: --
Test date: --
Test Result: --

Start Frequency	Stop Frequency	Step	IF BW	Detector	Final M-Time
0.15MHz	30MHz	4.5KHz	10KHz	QP+AV	1s

Frequency (MHz)	Reading(dBμV)				Limit (dBμV)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
			--	--		
			--	--		

B Conducted Emission on Neutral Terminal of the power line (150kHz to 30MHz)

EUT Description: --
Operation Mode: --
Tested By: --
Test date: --
Test Result: --

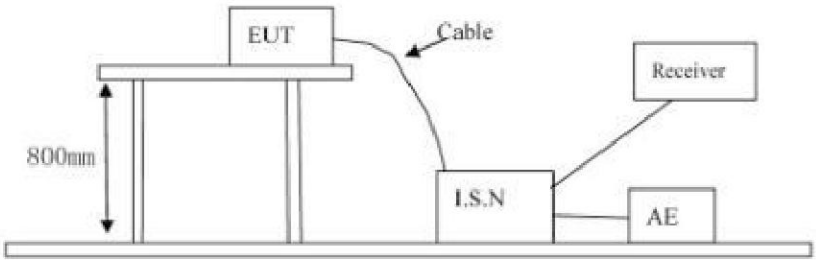
Start Frequency	Stop Frequency	Step	IF BW	Detector	Final M-Time
0.15MHz	30MHz	4.5KHz	10KHz	QP+AV	1s

Frequency (MHz)	Reading(dBμV)				Limit (dBμV)	
	Live		Neutral			
	Quasi-peak	Average	Quasi-peak	Average	Quasi-peak	Average
	--	--				
	--	--				

Remark: The test item is not applicable.

4.2 Telecommunication ports Conducted Emission Test

4.2.1 Test Method: The test was performed in accordance with EN 55032:2015/AC:2016-07



4.2.2 EUT Operating Condition

Operating condition is according to EN 55032:2015/AC:2016-07

4.2.3 Test Equipment

Please refer to the Section 2

4.2.4 Power line conducted Emission Limit

Frequency(MHz)	Class A Limits (dBμV)		Class B Limits (dBμV)	
	Quasi-peak Level	Average Level	Quasi-peak Level	Average Level
0.15 ～ 0.50	97 to 87	84 to 74	84 to 74	74 to 64
0.50 ～ 30.00	87	74	74	64

Notes: 1. *Decreasing linearly with logarithm of frequency.

2. The tighter limit shall apply at the transition frequencies

4.2.5 Test specification:

Environmental conditions: Temperature: 23° C Humidity: 50% Atmospheric pressure: 103kPa

Frequency range: 0.15 MHz – 30 MHz

4.2.6 Test result

The requirements are FULFILLED

Remarks: According to the EN 55032:2015/AC:2016-07

A Conducted Emission on Telecommunication port (150kHz to 30MHz)

EUT Description: --
Operation Mode: --
Tested By: --
Test date: --
Test Result: --

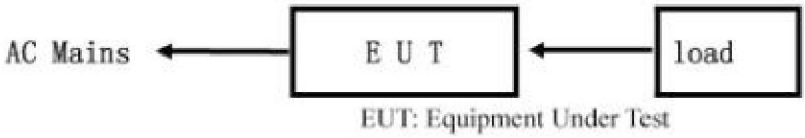
Start Frequency	Stop Frequency	Step	IF BW	Detector	Final M-Time
0.15MHz	30MHz	4.5KHz	10KHz	QP+AV	1s

Frequency (MHz)	Port	Reading(dBμA)		Limit(dBμA)	
		Quasi-peak	Average	Quasi-peak	Average

Remark: The test item is not applicable.

4.3 Radiated Emission Test

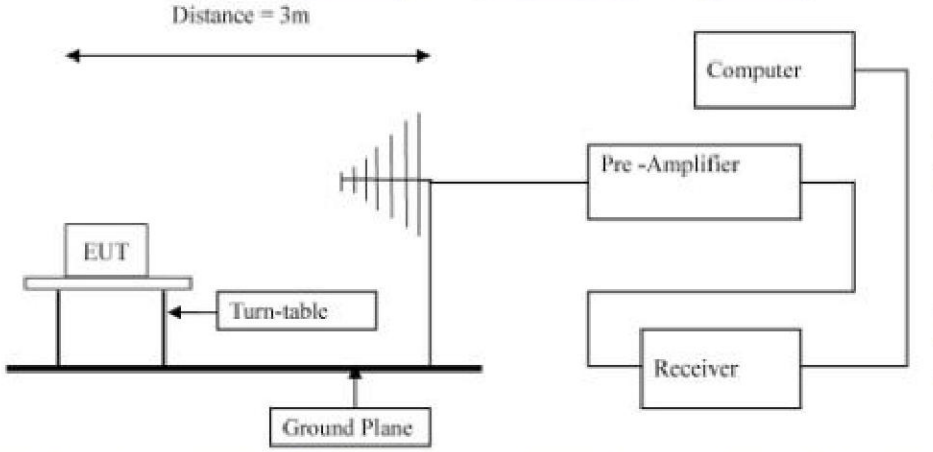
4.3.1 Schematics of the test

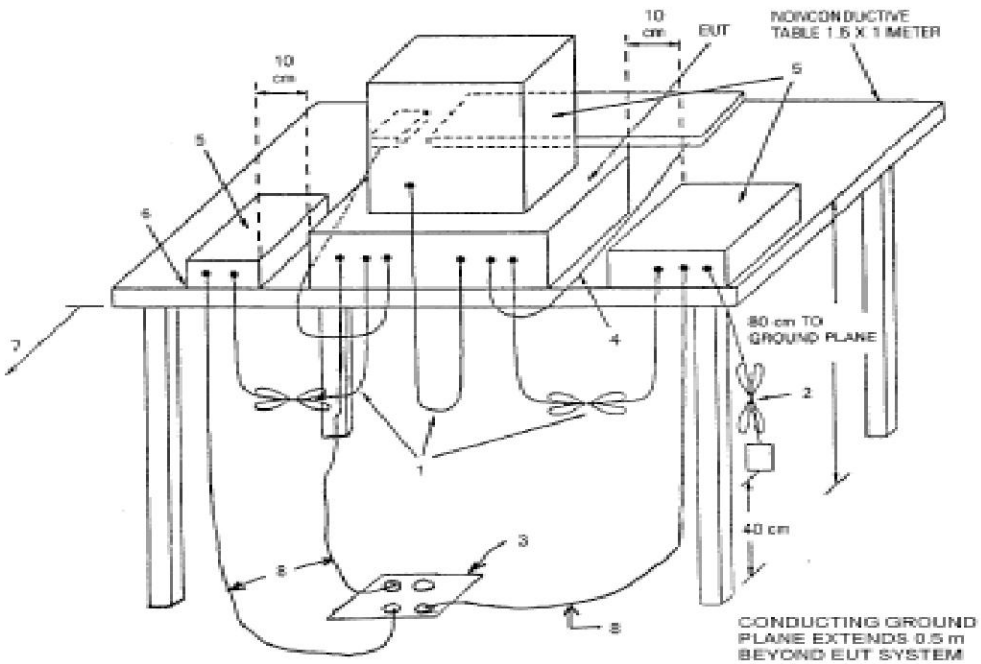


EUT: Equipment Under Test

4.3.2 Test Method: The test was performed in accordance with EN 55032:2015/AC:2016-07

Block diagram of Test setup





4.3.3 EUT Operating Condition

Operating condition is according to EN 55032:2015/AC:2016-07

4.3.4 Radiated Emission Limit

All emission from a digital device, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strength specified below:

Frequency Range (MHz)	Distance (m)	Quasi-Peak limits (dB μ V/m)	
		Class A Limits	Class B Limits
30-230	3	50.00	40.00
230-1000	3	57.00	47.00

Note: 1) The lower limit shall apply at the transition frequencies

2) If measurement is not made at 3m distance, then F.S Limitation at 3m distance is adjusted by using the formula Ld1 = Ld2 * (d2/d1)

4.3.5 Photo documentation of the test set-up

Please refer to the Section 7

4.3.6 Test Equipment:

Please refer to the Section 2

4.3.7 Test specification:

Environmental conditions: Temperature 26° C Humidity: 56% Atmospheric pressure: 103kPa

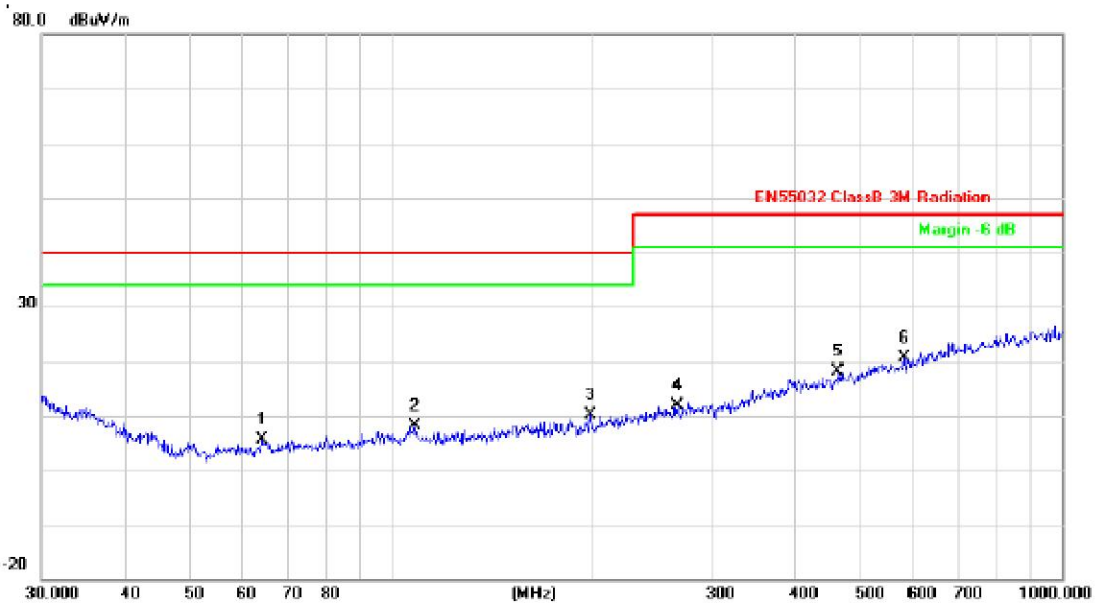
4.3.8 Test result

The requirements are FULFILLED

Remarks: According to the EN 55032:2015/AC:2016-07

Hotline: 400-886-4819 Fax: 86-755-27790922 http://www.nct-testing.cn

A. Radiated Emission In Horizontal (30MHz----1000MHz)



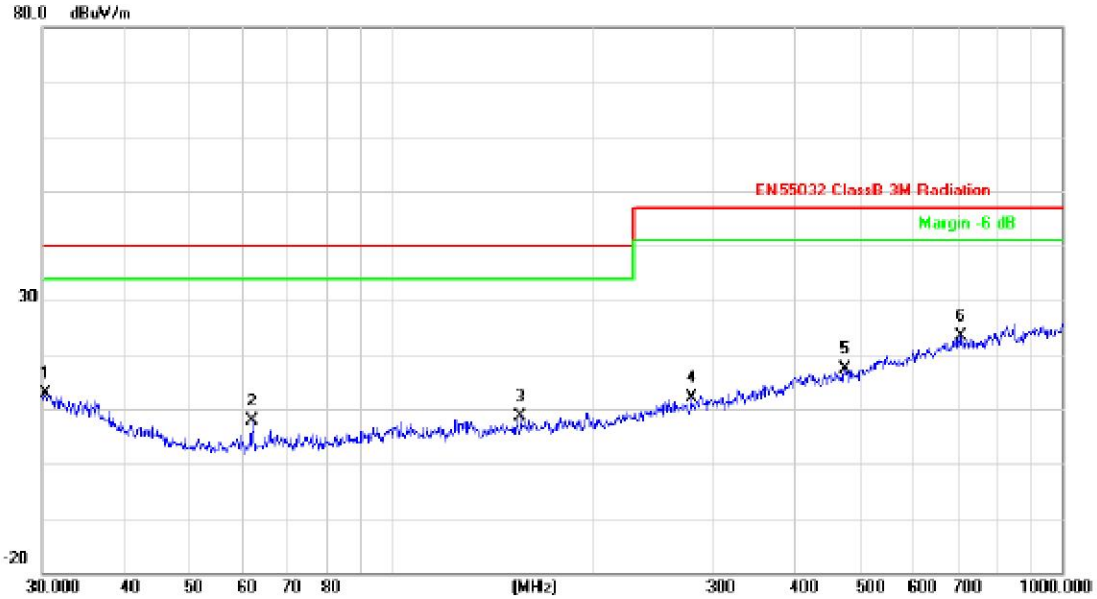
Site NCT ETS Chamber #1
Limit: EN55032 ClassB 3M Radiation
EUT:
M/N:
Mode:
Note:

Polarization: *Horizontal*
Power:
Distance:

Temperature: 26
Humidity: 55 %

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		63.9828	29.86	-24.24	5.62	40.00	-34.38	peak			
2		108.2667	30.09	-21.85	8.24	40.00	-31.76	peak			
3		197.8928	30.33	-20.10	10.23	40.00	-29.77	peak			
4		266.6089	29.20	-17.34	11.86	47.00	-35.14	peak			
5		463.9696	29.67	-11.48	18.19	47.00	-28.81	peak			
6	*	582.7425	29.77	-9.22	20.55	47.00	-26.45	peak			

B. Radiated Emission In Vertical (30MHz----1000MHz)



Site NCT ETS Chamber #1
Limit: EN55032 ClassB 3M Radiation
EUT:
M/N:
Mode:
Note:

Polarization: *Vertical*
Power:
Distance:

Temperature: 26
Humidity: 55 %

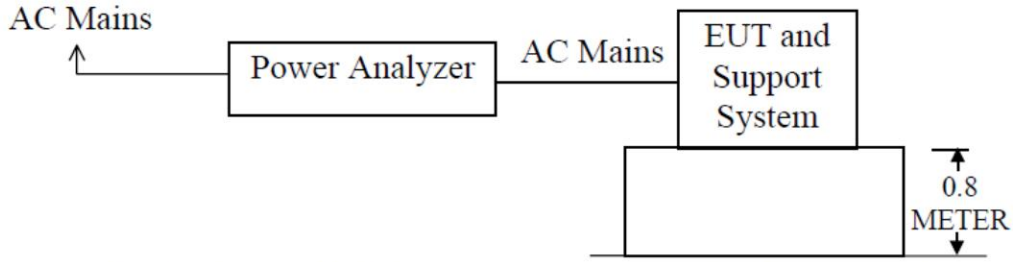
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		Antenna Height	Table Degree	
		MHz	dBuV	dB/m	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		30.3173	27.25	-14.34	12.91	40.00	-27.09	peak			
2		61.7781	32.26	-24.44	7.82	40.00	-32.18	peak			
3		155.3644	29.12	-20.61	8.51	40.00	-31.49	peak			
4		279.0436	29.11	-17.06	12.05	47.00	-34.95	peak			
5		473.8347	28.50	-11.15	17.35	47.00	-29.65	peak			
6	*	704.2261	29.31	-5.92	23.39	47.00	-23.61	peak			

4.4 Harmonic Current Emissions

4.4.1 EUT Operating Mode

--

4.4.2 Block Diagram of Test Setup.



This test was performed as per EMC Basic Standard EN61000-3-2 Class A

4.4.3 Test Equipment

Please refer to Section 2 this report.

4.4.4 Test specification:

Environmental conditions: Temperature: 23° C Humidity: 54% Atmospheric pressure: 103kPa

4.4.5 Results

Port	EUT Operating mode	Result (Passed / Failed)
AC Input	--	N/A

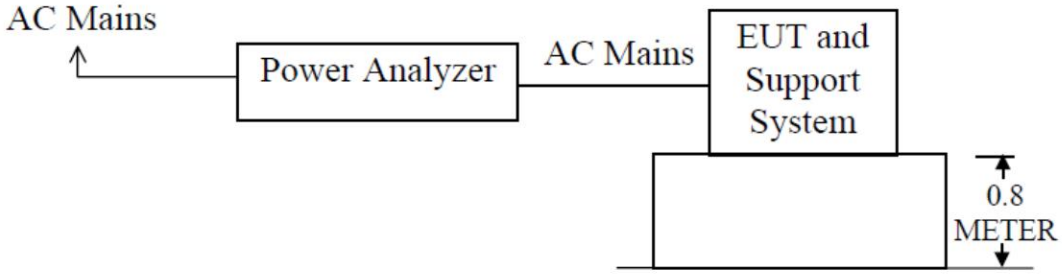
Remark: The test item is not applicable.

4.5 Flicker and Voltage Fluctuation

4.5.1 EUT Operating Mode

--

4.5.2 Block Diagram of Test Setup.



This test was performed as per EMC Basic Standard EN 61000-3-3

4.5.3 Limits of Voltage Fluctuation and Flicks Measurement

Test Item	Limit	Note
P_{st}	1.0	Pst means short-term flicker indicator
P_{lt}	0.65	Plt means long-term flicker indicator
T_{dt} (ms)	200	Tdt means maximum time that dt exceeds 3%.
d_{max} (%)	4	Dmax means maximum relative voltage change.
dc (%)	3	Dc means relative steady-state voltage change.

4.5.4 Test Equipment

Please refer to Section 2 this report.

4.5.5 Test specification:

Environmental conditions: Temperature: 23° C Humidity: 54% Atmospheric pressure: 103kPa

4.5.6 Results

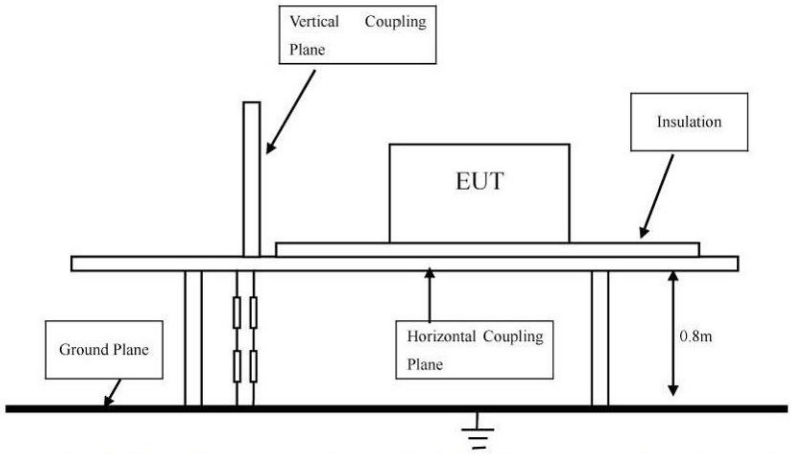
Port	EUT Operating mode	Result (Passed / Failed)
AC Input	--	N/A

Remark: The test item is not applicable.

5.0 Immunity Test

5.1 Electrostatic Discharge

5.1.1 Schematic of the test



5.1.2 Test method

The test was performed in accordance with EN 61000-4-2

5.1.3 Test severity

±4kV for direct & in-direct Contact Discharge

±8kV for air Discharge

Performance Criterion Require: **B**

5.1.4 Test Equipment

Please refer to Section 2 this report.

5.1.5 Test specification:

Environmental conditions: Temperature: 23° C Humidity: 54% Atmospheric pressure: 103kPa

5.1.6 Operation mode: Discharging Mode

5.1.7 Discharge location
- HCP
- VCP
- Shell
- Port

5.1.8 Test Result Pass

5.2 RF field strength susceptibility (80MHz------ 1000MHz, 1800MHz, 2600MHz, 3500MHz, 5000MHz)

5.2.1 Test Method:

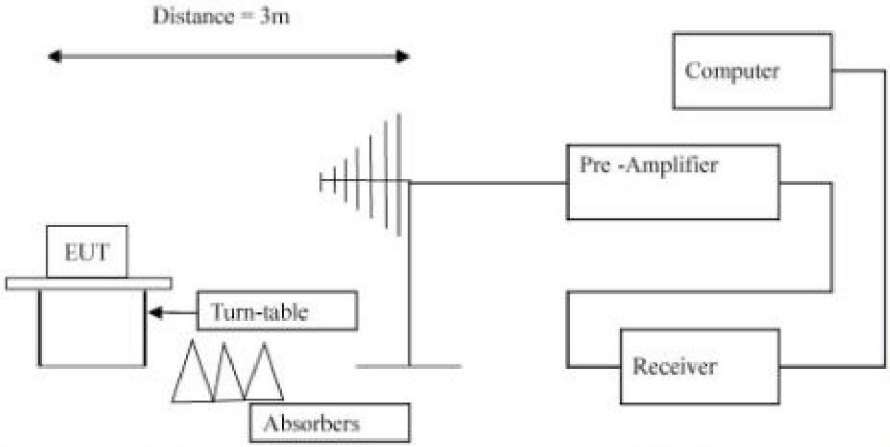
The test was performed in accordance with EN 61000-4-3

Severity: Level 2 (3V/m)

Modulation: 1 KHz 80% AM

Performance Criterion Require: A

Block diagram of Test setup



5.2.2 Test Equipment

Please refer to Section 2 this report.

5.2.3 Test specification:

Environmental conditions: Temperature: 25° C Humidity: 54% Atmospheric pressure: 103kPa

5.2.4 Operation mode: Discharging Mode

5.2.5 Test Result:

Please refer to the following table for individual results.

Frequency (MHz)	Radiation to	Polarity	Level (V/m)	Dwell Time(s)	Sweep Rate (%)	Results
80-1000, 1800, 2600, 3500, 5000	Front	Horizontal	3	1	1	Pass
	Rear	Horizontal	3	1	1	Pass
	Left	Horizontal	3	1	1	Pass
	Right	Horizontal	3	1	1	Pass
	Front	Vertical	3	1	1	Pass
	Rear	Vertical	3	1	1	Pass
	Left	Vertical	3	1	1	Pass
	Right	Vertical	3	1	1	Pass

5.3 Electrical Fast Transient/Burst (EFT/B) immunity test

5.3.1 Schematics of the test

EUT: Equipment Under Test

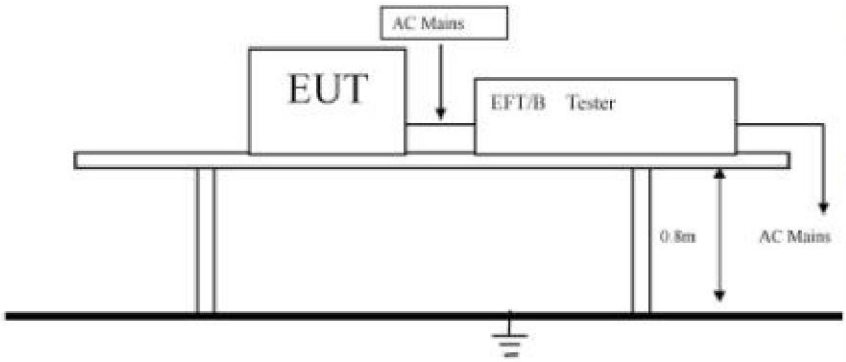
5.3.2 Test Method

The test was performed in accordance with EN 61000-4-4

Severity: Level 2 (1kV)

Performance Criterion Require: **B**

Block diagram of Test setup



5.3.3 Test Equipment

Please refer to Section 2 this report.

5.3.4 Test specification:

Environmental conditions: Temperature: 23° C Humidity: 54% Atmospheric pressure: 103kPa

5.3.5 Operation mode: --

5.3.6 Test Results

Inject location: AC mains

Inject Line	Voltage kV	Inject Times (s)	Method	Results
L	±1	120	Direct	N/A
N	±1	120	Direct	N/A
L、N	±1	120	Direct	N/A
E	±1	120	Direct	N/A
L、E	±1	120	Direct	N/A
N、E	±1	120	Direct	N/A
L、N、E	±1	120	Direct	N/A

Remark: The test item is not applicable.

5.4 Surge test

5.4.1 Schematics of the test

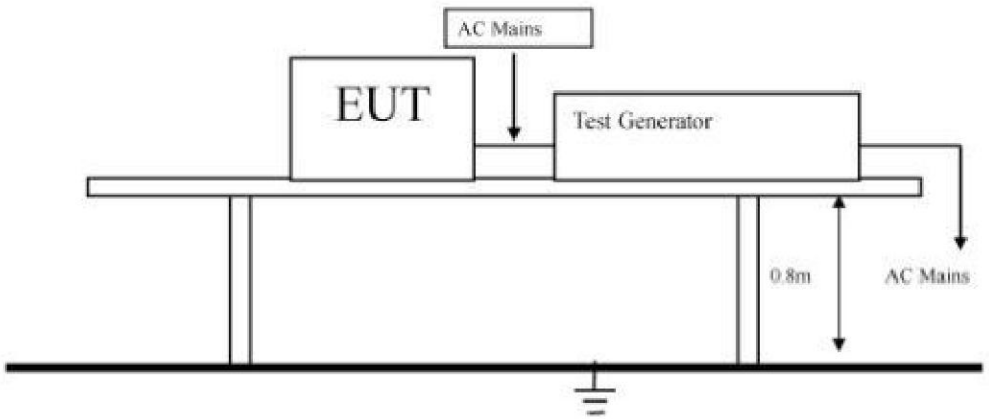
5.4.2 Test Method:

The test was performed in accordance with EN 61000-4-5

Severity: Level 2

Performance Criterion Require: B

Block diagram of Test setup



5.4.3 Test Equipment

Please refer to Section 2 this report.

5.4.4 Test specification:

Environmental conditions: Temperature: 22° C Humidity: 54% Atmospheric pressure: 103kPa

5.4.5 Operation mode: --

5.4.6 Test Results

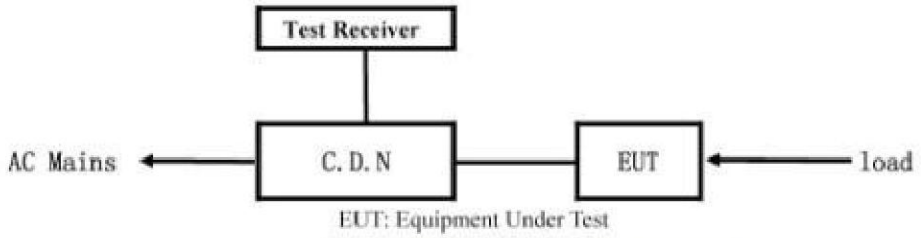
5 pulses for each polarity and test voltage, and repetition rate is 1 per min.

Location	Polarity	0°	90°	180°	270°	Results
L-N	±1 KV	N/A	N/A	N/A	N/A	N/A
L-PE	±2 KV	N/A	N/A	N/A	N/A	N/A
N-PE	±2 KV	N/A	N/A	N/A	N/A	N/A

Remark: The test item is not applicable.

5.5 Conducted Immunity test

5.5.1 Schematics of the test



EUT: Equipment Under Test

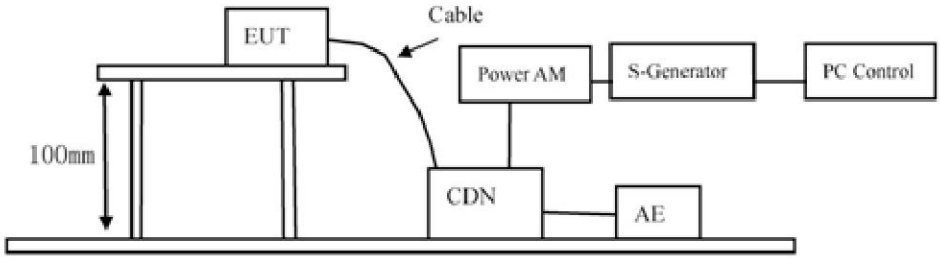
5.5.2 Test Method

The test was performed in accordance with EN 61000-4-6

Severity: Level 2 0.15MHz—10MHz (3V rms),
10MHz—30MHz (3V rms-1V rms),
30MHz—80MHz (1V rms)

Performance Criterion Require: A

Block diagram of Test setup



5.5.3 Test Equipment

Please refer to Section 2 this report.

5.5.4 Test specification:

Environmental conditions: Temperature: 23° C Humidity: 54% Atmospheric pressure: 103kPa

5.5.5 Operation mode: --

5.5.6 Test Results:

Frequency Range (MHz)	Injected Position	Strength	Criterion	Result
0.15 - 10	AC Line	3V (rms) Unshielded	A	N/A
10 - 30	AC Line	3V-1V (rms) Unshielded	A	N/A
30 - 80	AC Line	1V (rms) Unshielded	A	N/A

Remark: The test item is not applicable.

5.6 Power-Frequency magnetic field test

5.6.1 Schematics of the test

EUT: Equipment Under Test

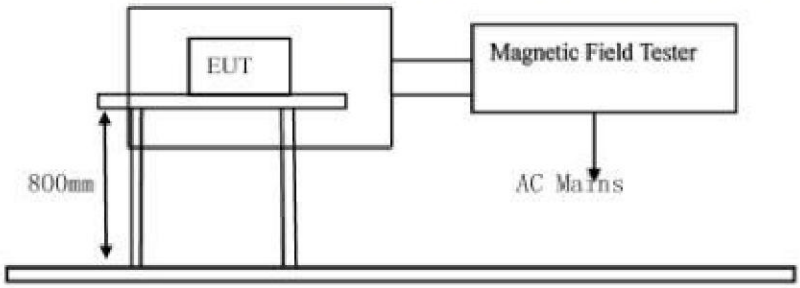
5.6.2 Test Method

The test was performed in accordance with EN 61000-4-8

Severity: Level 1 (1A/m),

Performance Criterion Require: A

Block diagram of Test setup



5.6.3 Test Equipment

Please refer to Section 2 this report.

5.6.4 Test specification:

Environmental conditions: Temperature: 22° C Humidity: 54% Atmospheric pressure: 103kPa

5.6.5 Operation mode: --

5.6.6 Test Results:

Test Level	Testing Duration	Coil Orientation	Criterion	Result
1A/m	5 Mins	X	A	N/A
1A/m	5 Mins	Y	A	N/A
1A/m	5 Mins	Z	A	N/A

Remark: The test item is not applicable.

5.7 Voltage Dips/Interruptions immunity test

5.7.1 Schematics of the test

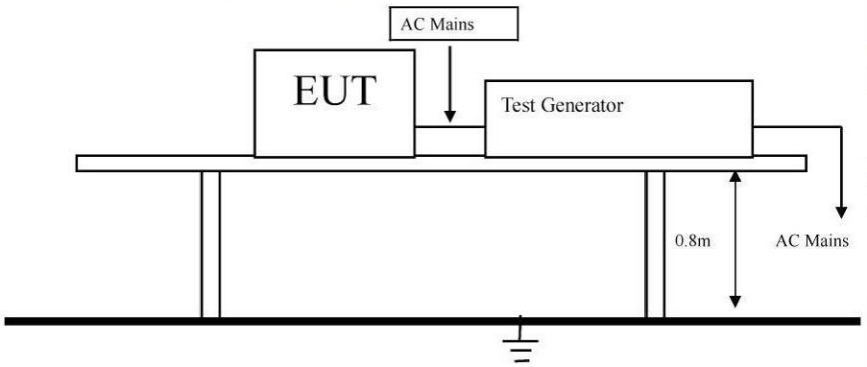
EUT: Equipment Under Test

5.7.2 Test Method:

The test was performed in accordance with EN 61000-4-11

Performance Criterion Require: A&C

Block diagram of Test setup



5.7.3 Test Equipment

Please refer to Section 2 this report.

5.7.4 Test specification:

Environmental conditions: Temperature: 22° C Humidity: 54% Atmospheric pressure: 103kPa

5.7.5 Operation mode: --

5.7.6 Test Result:

Voltage Dip: Voltage Interceptions:

Voltage dips (%)	Duration		Phase Angle	Event interval (sec)	Total events (time)	Test result
	(periods)	(ms)				
>95	0.5	10	0° - 180°	10	3	A
30	25	500	0° - 180°	10	3	A
>95	250	5000	0° - 180°	10	3	C

Remark: The test item is not applicable.

6.0 CE Label

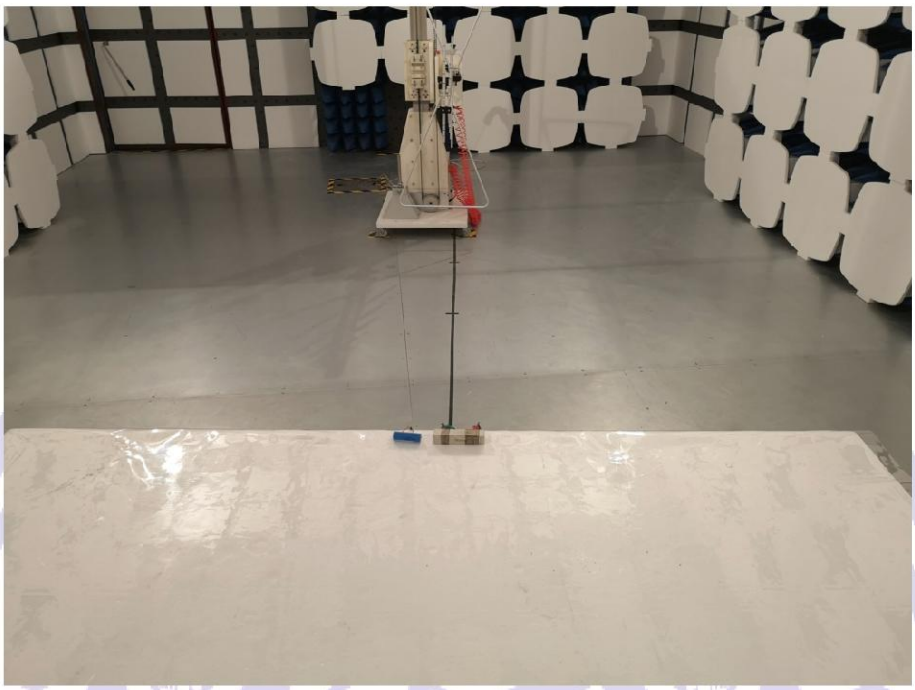
6.1 label specification

Text of the mark is black or white in color and is left justified. Labels are printed in indelible ink on permanent adhesive backing and shall be affixed at a conspicuous location on the EUT or silk-screened onto the EUT.

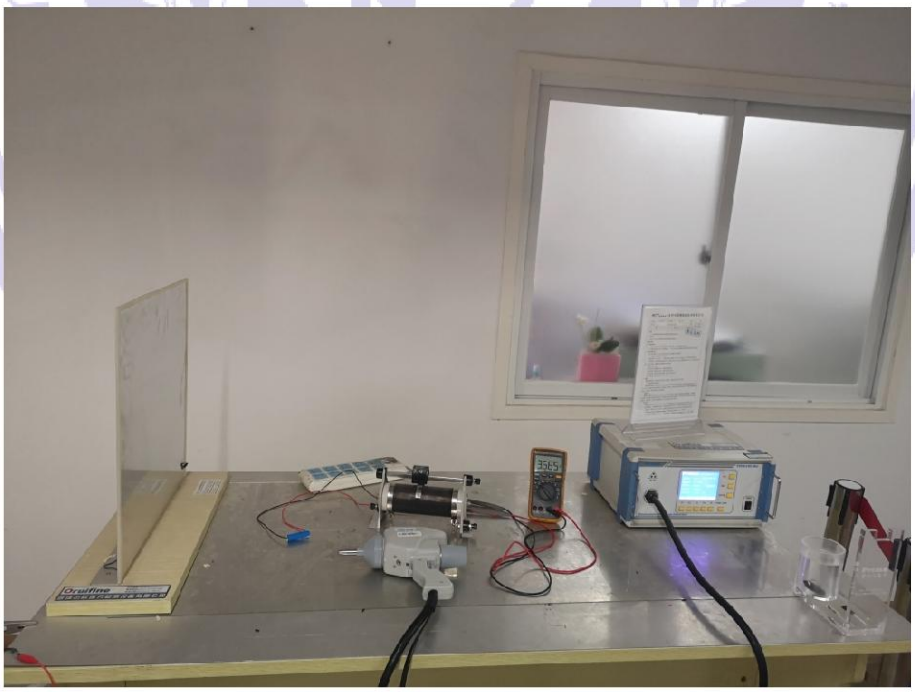
6.2 Mark Location: On the product body

7.0 Photos of testing

Radiated Emission Test View



ESD Test View



--End of the report--