

# CE EMC Test Report



(Declaration of Conformity)

For  
Electromagnetic compatibility  
Of

**Product :** Rechargeable Li-ion Battery

**Trade Mark :** N/A

**Model Number :** LV51200H, LV51200

**Prepared for**

Shenzhen Hailei New Energy Co.,Ltd

Room 101, Building A, No.7, Xiusheng 1st road, Xiuxin Community, Kengzi street,  
Pingshan district, Shenzhen City, Guangdong Province, China

**Prepared by**

Dongguan NTEK Testing Service Co., Ltd.

Room101/401, Building 3, No.1, Keji 8th Road, Songshan Lake High-Tech Industrial  
Development Zone, Dongguan, Guangdong, China

Tel: (86)-0769-2330 1618 Fax: (86)-0769-2330 1618

Website: <http://www.ntek-test.org.cn>

E-mail: [cs-dg@gdntek.org.cn](mailto:cs-dg@gdntek.org.cn)

## TEST RESULT CERTIFICATION

**Applicant's Name**.....: Shenzhen Hailei New Energy Co.,Ltd  
**Address**.....: Room 101, Building A, No.7, Xiusheng 1st road, Xiuxin  
 Community, Kengzi street, Pingshan district, Shenzhen City,  
 Guangdong Province, China  
**Manufacturer's Name**.....: Shenzhen Hailei New Energy Co.,Ltd  
**Address**.....: Room 101, Building A, No.7, Xiusheng 1st road, Xiuxin  
 Community, Kengzi street, Pingshan district, Shenzhen City,  
 Guangdong Province, China  
**Factory's Name**.....: Shenzhen Hailei New Energy Co.,Ltd  
**Address**.....: Room 101, Building A, No.7, Xiusheng 1st road, Xiuxin  
 Community, Kengzi street, Pingshan district, Shenzhen City,  
 Guangdong Province, China

### Product description

**Product name**.....: Rechargeable Li-ion Battery  
**Model and/or type reference**...: LV51200H, LV51200  
**Standards**.....: EN IEC 61000-6-1:2019  
 EN IEC 61000-6-3:2021

This report shall not be reproduced except in full, without the written approval of NTEK, this document may be altered or revised by NTEK, personal only, and shall be noted in the revision of the document.

**Date of Test**.....:  
**Date (s) of performance of tests**.....: Feb. 11, 2025 to Feb. 26, 2025  
**Date of Issue**.....: Feb. 26, 2025  
**Test Result**.....: **Pass**

Testing Engineer :

*Kamiko Wei*  
 (Kamiko Wei)

Technical Manager :

*Brian Yang*  
 (Brian Yang)

Authorized Signatory :

*Bart Fang*  
 (Bart Fang)





Table of Contents	Page
1. TEST SUMMARY .....	4
1.1 TEST FACILITY .....	5
1.2 MEASUREMENT UNCERTAINTY .....	5
2. GENERAL INFORMATION .....	7
2.1 GENERAL DESCRIPTION OF EUT .....	7
2.2 DESCRIPTION OF TEST MODES .....	8
2.3 DESCRIPTION OF TEST SETUP .....	9
2.4 DESCRIPTION TEST PERIPHERAL AND EUT PERIPHERAL .....	10
2.5 MEASUREMENT INSTRUMENTS LIST .....	11
3. EMC EMISSION TEST .....	12
3.1 RADIATED EMISSION MEASUREMENT .....	12
3.1.1 LIMITS OF RADIATED EMISSION MEASUREMENT .....	12
3.1.2 TEST PROCEDURE .....	12
3.1.3 TEST SETUP .....	13
3.1.4 EUT OPERATING CONDITIONS .....	13
3.1.5 TEST RESULTS .....	14
4. EMC IMMUNITY TEST .....	16
4.1 STANDARD COMPLIANCE/SEVERITY LEVEL/CRITERIA .....	16
4.2 GENERAL PERFORMANCE CRITERIA .....	17
4.3 GENERAL PERFORMANCE CRITERIA TEST SETUP .....	17
4.4 ESD TESTING .....	18
4.4.1 TEST SPECIFICATION .....	18
4.4.2 TEST PROCEDURE .....	18
4.4.3 TEST SETUP .....	19
4.4.4 TEST RESULTS .....	20
4.5 RS TESTING .....	21
4.5.1 TEST SPECIFICATION .....	21
4.5.2 TEST PROCEDURE .....	21
4.5.3 TEST SETUP .....	22
4.5.4 TEST RESULTS .....	23
5. EUT TEST PHOTO .....	24
ATTACHMENT PHOTOGRAPHS OF EUT .....	25

## 1. TEST SUMMARY

Test procedures according to the technical standards:

EMC Emission				
Standard	Test Item	Limit	Judgment	Remark
EN IEC 61000-6-3:2021	Conducted Emission	-----	N/A	
	Radiated Emission	-----	PASS	
EN IEC 61000-3-2:2019/A2:2024	Harmonic Current Emission	Class A	N/A	
EN 61000-3-3:2013/A2:2021	Voltage Fluctuations & Flicker	-----	N/A	
EMC Immunity				
Section EN IEC 61000-6-1:2019	Test Item	Performance Criteria	Judgment	Remark
EN/IEC 61000-4-2	Electrostatic Discharge	B	PASS	
EN/IEC 61000-4-3	RF electromagnetic field	A	PASS	
EN/IEC 61000-4-4	Fast transients	B	N/A	
EN/IEC 61000-4-5	Surges	B	N/A	
EN/IEC 61000-4-6	Radio frequency common mode	A	N/A	
EN/IEC 61000-4-8	Power Frequency Magnetic Field	A	N/A	
EN/IEC 61000-4-11	Volt. Interruptions Volt. Dips	B / B / C / C	N/A	NOTE (2)

### NOTE:

- (1) "N/A" denotes test is not applicable in this Test Report
- (2) Voltage dip: 100% reduction – Performance Criteria B  
Voltage dip: 30% reduction – Performance Criteria C  
Voltage Interruption: 100% Interruption – Performance Criteria C
- (3) For client's request and manual description, the test will not be executed.



## 1.1 TEST FACILITY

Dongguan NTEK Testing Service Co., Ltd.

Add. : Room101/401, Building 3, No.1, Keji 8th Road, Songshan Lake High-Tech Industrial Development Zone, Dongguan, Guangdong, China

CNAS-Lab. : The Laboratory has been assessed and proved to be in compliance with CNAS-CL01:2006 (identical to ISO/IEC 17025:2017)  
The Certificate Registration Number is L13824

## 1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement  $y \pm U$ , where expended uncertainty  $U$  is based on a standard uncertainty multiplied by a coverage factor of  $k=2$ , providing a level of confidence of approximately **95 %**.

Test Item	Measurement Frequency Range	K	U(dB)
AC Mains Conducted Emission	0.009kHz ~ 0.15MHz	2	2.66
AC Mains Conducted Emission	0.15MH ~ 30MHz	2	2.80
Telecom Conducted Emission (Cat 3)	0.15MHz ~ 30MHz	2	2.40
Telecom Conducted Emission (Cat 5)	0.15MHz ~ 30MHz	2	2.58
Radiated Emission	30MHz ~ 1000MHz	2	2.64
Radiated Emission	1000MHz ~ 6000MHz	2	2.52
Radiated Emission	6000MHz ~ 18000MHz	2	2.52
Power Clamp	30MHz ~ 300MHz	2	2.20

## Revision History

[illegible]

## 2. GENERAL INFORMATION

### 2.1 GENERAL DESCRIPTION OF EUT

Equipment	Rechargeable Li-ion Battery	
Model Name	LV51200H	
Additional Model Number(s)	LV51200	
Model Difference	All models are identical except model name.	
Product Description	The EUT is a Rechargeable Li-ion Battery .	
	Operating frequency:	Below 108MHz
	Connecting I/O port:	N/A
	Based on the application, features, or specification exhibited in User's Manual, the EUT is considered as a Residential, commercial environments Device. More details of EUT technical specification, please refer to the User's Manual.	
Power Source	DC Voltage	
Power Rating	DC 51.2V, 200Ah, 10.24KWh	



## 2.2 DESCRIPTION OF TEST MODES

To investigate the maximum EMI emission characteristics generates from EUT, the test system was pre-scanning tested base on the consideration of following EUT operation mode or test configuration mode which possible have effect on EMI emission level. Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

Pretest Mode	Description
Mode 1	Discharging

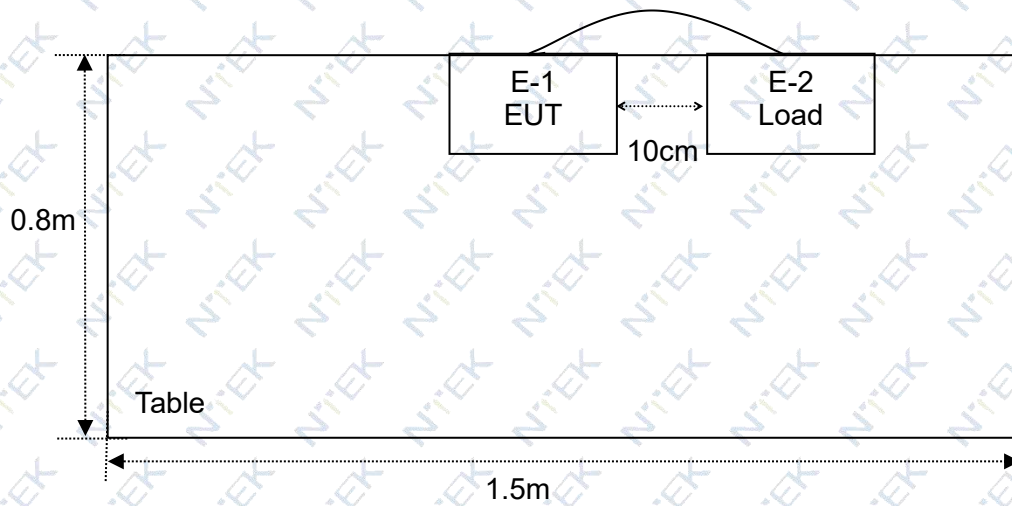
For Radiated Test	
Final Test Mode	Description
Mode 1	Discharging

For EMS Test	
Final Test Mode	Description
Mode 1	Discharging



## 2.3 DESCRIPTION OF TEST SETUP

Mode RE: Mode 1



## 2.4 DESCRIPTION TEST PERIPHERAL AND EUT PERIPHERAL

The EUT has been tested as an independent unit together with other necessary accessories or support units. The following support units or accessories were used to form a representative test configuration during the tests.

Item	Equipment	Brand	Model/Type No.	Series No.	Note
E-1	Rechargeable Li-ion Battery	N/A	LV51200H	N/A	EUT
E-2	Load	N/A	N/A	N/A	AE

Item	Shielded Type	Ferrite Core	Length	Note

## Note:

- (1) The support equipment was authorized by Declaration of Confirmation.
- (2) For detachable type I/O cable should be specified the length in cm in 『Length』 column.
- (3) “YES” means “shielded” “with core”; “NO” means “unshielded” “without core”.

## 2.5 MEASUREMENT INSTRUMENTS LIST

### RADIATED TEST SITE

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Antenna Mast	SKET	N/A	N/A	N/A	N/A	N/A
2	Test Cable	REBES	A50-NMNM-8 M-A	1810C35	Jul. 02, 2024	Jul. 01, 2025	1 year
3	Test Cable	REBES	A50-NMNM-3 M	1810C36	Jul. 02, 2024	Jul. 01, 2025	1 year
4	Test Cable	REBES	A50-NMNM-1 M	1810C37	Jul. 02, 2024	Jul. 01, 2025	1 year
5	Bilog Antenna	SCHWARZB ECK	VULB 9168	01273	Jul. 07, 2024	Jul. 06, 2025	1 year
6	Low Noise Pre-Amplifier	SCHWARZB ECK	BBV 9743 B	00343	Dec. 09, 2024	Dec. 08, 2025	1 year
7	EMI Test Receiver	R&S	ESPI7	101318	Jul. 02, 2024	Jul. 01, 2025	1 year
8	Testing Software		EZ-EMC(Ver.FA-032ARE)				

### ESD

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	ESD TEST GENERATOR	PRIMA	ESD61002TA	PR230825184	Dec. 10, 2024	Dec. 09, 2025	1 year

### RS

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Last calibration	Calibrated until	Calibration period
1	Power Sensor	R&S	Z11	116655	Nov. 05, 2024	Nov. 04, 2025	1 year
2	Power Sensor	R&S	Z11	121896	Nov. 05, 2024	Nov. 04, 2025	1 year
3	Signal Generator	Agilent	N5181A	MY47070409	Nov. 05, 2024	Nov. 04, 2025	1 year
4	Power Amplifier	SKET	HAP_80M01G-250W	S202211402	Nov. 05, 2024	Nov. 04, 2025	1 year
5	Power Amplifier	SKET	HAP_010G060G-80W	S202211403	Nov. 05, 2024	Nov. 04, 2025	1 year
6	RS Test Antenna	SKET	STLP 9129 Plus	SK20221012006	Nov. 05, 2024	Nov. 04, 2025	1 year



### 3. EMC EMISSION TEST

#### 3.1 RADIATED EMISSION MEASUREMENT

##### 3.1.1 LIMITS OF RADIATED EMISSION MEASUREMENT (Below 1000MHz)

FREQUENCY (MHz)	Limits For SAC(dBuV/m)	
	<input type="checkbox"/> At 10m	<input checked="" type="checkbox"/> At 3m
	dBuV/m	dBuV/m
30 – 230	30	40
230 – 1000	37	47

Notes:

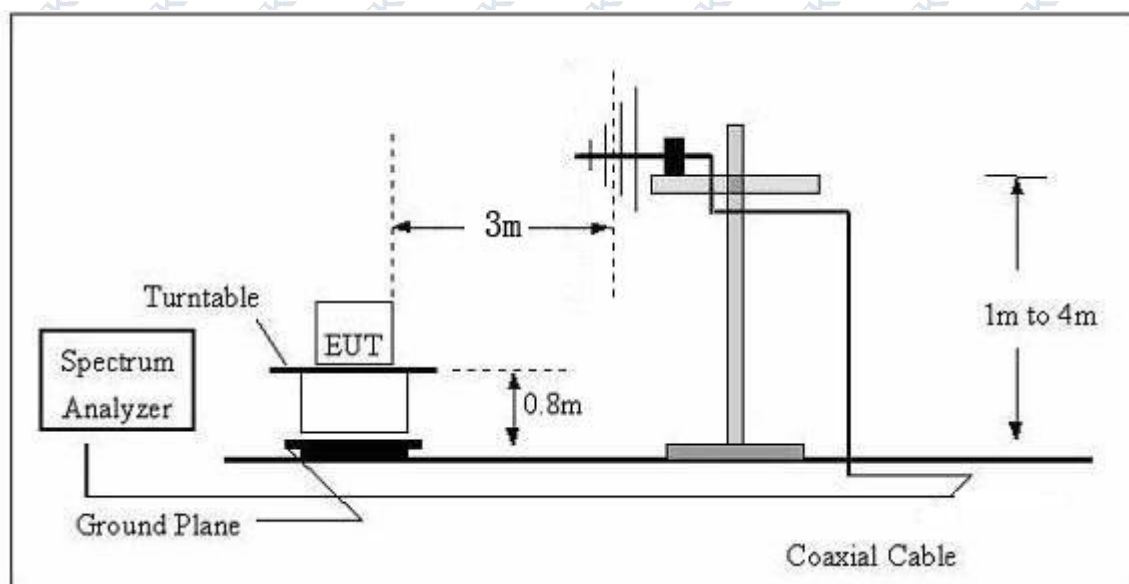
- (1) The tighter limit applies at the band edges.
- (2) Emission level (dBuV/m)=20log Emission level (uV/m).

##### 3.1.2 TEST PROCEDURE

- a. The measuring distance of at 3 m shall be used for measurements at frequency up to 1GHz.
- b. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- c. The height of the equipment or of the substitution antenna shall be 0.8 m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. The initial step in collecting conducted emission data is a spectrum analyzer peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured, above 1G Average detector mode will be instead.
- e. If the Peak Mode measured value compliance with and lower than Quasi Peak Mode Limit, the EUT shall be deemed to meet QP(AV) Limits and then no additional QP Mode measurement performed.
- f. For the actual test configuration, please refer to the related Item –EUT Test Photos.

### 3.1.3 TEST SETUP

#### (A) Radiated Emission Test Set-Up Frequency Below 1 GHz

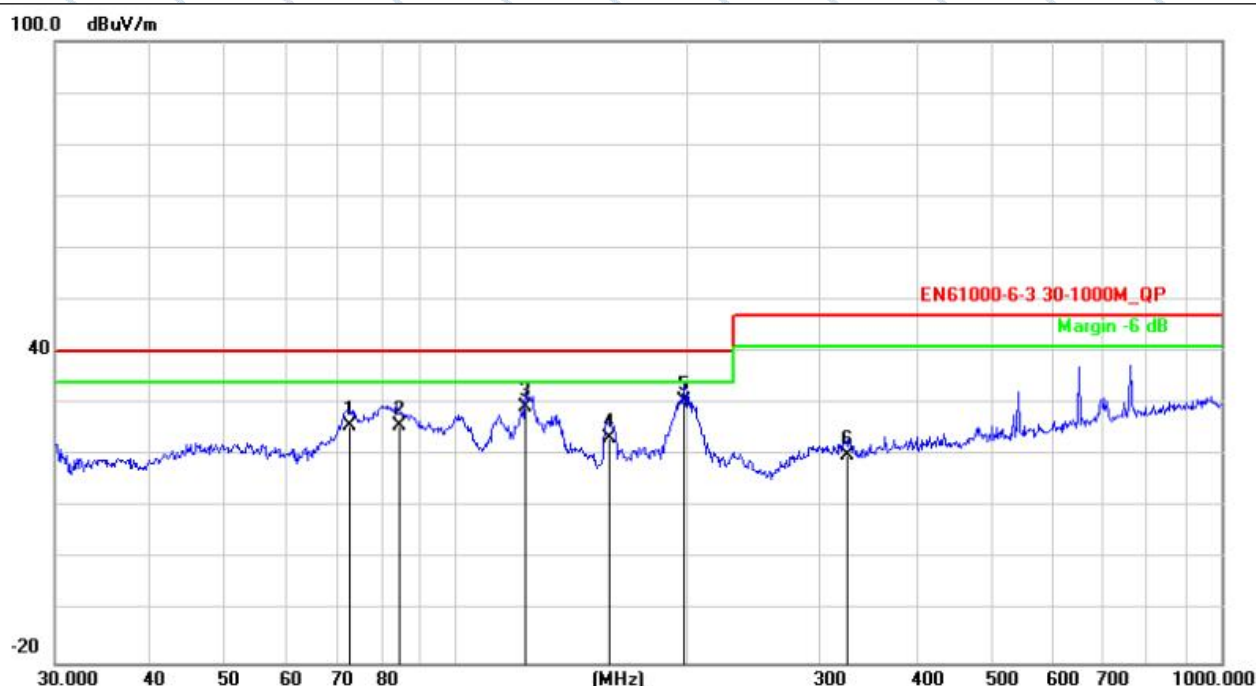


### 3.1.4 EUT OPERATING CONDITIONS

The EUT tested system was configured as the statements of **2.3** Unless otherwise a special operating condition is specified in the follows during the testing.

### 3.1.5 TEST RESULTS

EUT:	Rechargeable Li-ion Battery	Model Name :	LV51200H
Temperature:	23℃	Relative Humidity:	55%
Pressure:	1010hPa	Polarization :	Horizontal
Test Mode :	Mode 1	Test Power :	DC 51.2V



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB/m	Over dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	72.9114	37.00	-11.20	25.80	40.00	-14.20	QP			
2	84.4929	37.99	-12.16	25.83	40.00	-14.17	QP			
3	123.4398	38.17	-8.93	29.24	40.00	-10.76	QP			
4	158.9325	30.45	-7.08	23.37	40.00	-16.63	QP			
5 *	198.9638	41.80	-11.10	30.70	40.00	-9.30	QP			
6	324.0907	27.26	-7.29	19.97	47.00	-27.03	QP			

Remark:  
Factor = Antenna Factor + Cable Loss.



EUT:	Rechargeable Li-ion Battery	Model Name :	LV51200H
Temperature:	23℃	Relative Humidity:	55%
Pressure:	1010hPa	Polarization :	Vertical
Test Mode :	Mode 1	Test Power :	DC 51.2V



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dB/m	Over dB	Antenna Height cm	Table Degree degree	Comment
1		31.8445	38.55	-8.32	30.23	40.00	-9.77	QP		
2		46.6869	34.91	-8.04	26.87	40.00	-13.13	QP		
3		65.8547	33.09	-9.97	23.12	40.00	-16.88	QP		
4		89.0606	38.05	-12.07	25.98	40.00	-14.02	QP		
5		137.1475	34.95	-8.01	26.94	40.00	-13.06	QP		
6	*	201.7771	43.26	-11.13	32.13	40.00	-7.87	QP		

Remark:  
Factor = Antenna Factor + Cable Loss.

#### 4. EMC IMMUNITY TEST

##### 4.1 STANDARD COMPLIANCE/SEVERITY LEVEL/CRITERIA

Tests Standard No.	TEST SPECIFICATION	Test Mode Test Ports	Perform. Criteria
1. ESD EN/IEC 61000-4-2	8kV air discharge 4kV contact discharge	Direct Mode	B
	4kV HCP discharge 4kV VCP discharge	Indirect Mode	B
2. RS EN/IEC 61000-4-3	80 MHz to 1000 MHz, 1.4GHz to 2.7 GHz, 1000Hz, 80%, AM modulated	Enclosure	A

#### 4.2 GENERAL PERFORMANCE CRITERIA

According to **EN IEC 61000-6-1** standard, the general performance criteria as following:

<b>Criterion A</b>	The apparatus shall continue to operate as intended during and after the test. No degradation of performance or loss of function is allowed below a performance level specified by the manufacturer, when the apparatus is used as intended. The performance level may be replaced by a permissible loss of performance. If the minimum performance level or the permissible performance loss is not specified by the manufacturer, either of these may be derived from the product description and documentation and what the user may reasonably expect from the apparatus if used as intended.
<b>Criterion B</b>	The apparatus shall continue to operate as intended after the test. No degradation of performance or loss of function is allowed below a performance level specified by the manufacturer, when the apparatus is used as intended. The performance level may be replaced by a permissible loss of performance. During the test, degradation of performance is however allowed. No change of actual operating state or stored data is allowed. If the minimum performance level or the permissible performance loss is not specified by the manufacturer, either of these may be derived from the product description and documentation and what the user may reasonably expect from the apparatus if used as intended.
<b>Criterion C</b>	Temporary loss of function is allowed, provided the function is self-recoverable or can be restored by the operation of the controls.

#### 4.3 GENERAL PERFORMANCE CRITERIA TEST SETUP

The EUT tested system was configured as the statements of 2.3 Unless otherwise a special operating condition is specified in the follows during the testing.



## 4.4 ESD TESTING

### 4.4.1 TEST SPECIFICATION

Basic Standard:	EN/IEC 61000-4-2
Discharge Impedance:	330ohm / 150pF
Required Performance:	B
Discharge Voltage:	Air Discharge:2kV/4kV/8kV (Direct) Contact Discharge:2kV/4kV (Direct/Indirect)
Polarity:	Positive & Negative
Number of Discharge:	Air Discharge: min. 20 times at each test point Contact Discharge: min. 200 times in total
Discharge Mode:	Single Discharge
Discharge Period:	1 second minimum

### 4.4.2 TEST PROCEDURE

The test generator necessary to perform direct and indirect application of discharges to the EUT in the following manner:

a. Indirect application of the discharge:

Vertical Coupling Plane (VCP):

At least 10 single discharges (in the most sensitive polarity) shall be applied to the centre of one vertical edge of the coupling plane. The coupling plane, of dimensions 0,5 m × 0,5 m, is placed parallel to, and positioned at a distance of 0,1 m from, the EUT.

Discharges shall be applied to the coupling plane, with sufficient different positions such that the four faces of the EUT are completely illuminated. One VCP position is considered to illuminate 0,5 m × 0,5 m area of the EUT surface.

Horizontal Coupling Plane (HCP):

Discharge to the HCP shall be made horizontally to the edge of the HCP.

At least 10 single discharges (in the most sensitive polarity) shall be applied at the front edge of each HCP opposite the centre point of each unit (if applicable) of the EUT and 0.1m from the front of the EUT. The long axis of the discharge electrode shall be in the plane of the HCP and perpendicular to its front edge during the discharge.

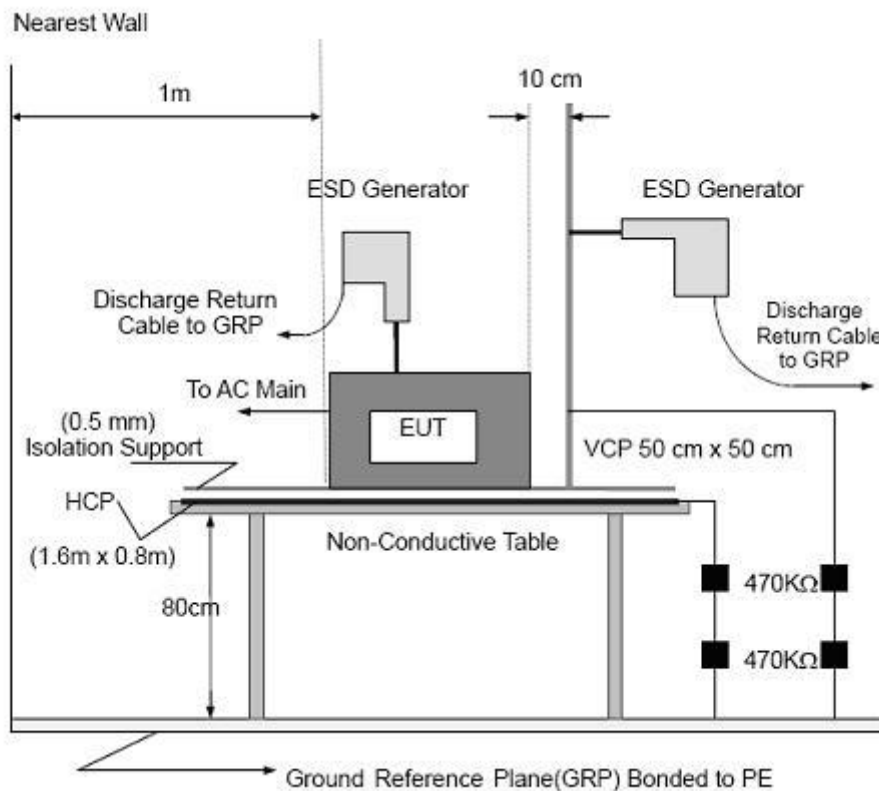
The discharge electrode shall be in contact with the edge of the HCP before the discharge switch is operated

b. Direct application of discharges to the EUT

The test shall be performed with single discharges. On each pre-selected point at least 10 single discharges (in the most sensitive polarity) shall be applied.

For the time interval between successive single discharges an initial value of 1 s is recommended. Longer intervals may be necessary to determine whether a system failure has occurred.

#### 4.4.3 TEST SETUP



Note:

##### TABLE-TOP EQUIPMENT

The configuration consisted of a wooden table 0.8 meters high standing on the Ground Reference Plane. The GRP consisted of a sheet of aluminum at least 0.25mm thick, and 2.5 meters square connected to the protective grounding system. A Horizontal Coupling Plane (1.6m x 0.8m) was placed on the table and attached to the GRP by means of a cable with 940k total impedance. The equipment under test, was installed in a representative system as described in section 7 of EN/IEC 61000-4-2, and its cables were placed on the HCP and isolated by an insulating support of 0.5mm thickness. A distance of 1-meter minimum was provided between the EUT and the walls of the laboratory and any other metallic structure.

##### FLOOR-STANDING EQUIPMENT

The equipment under test was installed in a representative system as described in section 7 of EN/IEC 61000-4-2, and its cables were isolated from the Ground Reference Plane by an insulating support of 0.1-meter thickness. The GRP consisted of a sheet of aluminum that is at least 0.25mm thick, and 2.5meters square connected to the protective grounding system and extended at least 0.5 meters from the EUT on all sides.



#### 4.4.4 TEST RESULTS

EUT:	Rechargeable Li-ion Battery	Model Name :	LV51200H
Temperature:	22℃	Relative Humidity:	54%
Pressure:	1010hPa	Test Mode :	Mode 1
Test Power :	DC 51.2V		

Mode	Contact Discharge (Indirect)							Criterion	Result
Test level(kV)	Test Point	2		4		6			
Test Location		+	-	+	-	+	-		
HCP	Front	P	P	P	P			B	Complies
	Rear	P	P	P	P				
	Left	P	P	P	P				
	Right	P	P	P	P				
VCP	Front	P	P	P	P				
	Rear	P	P	P	P				
	Left	P	P	P	P				
	Right	P	P	P	P				

Mode	Air Discharge								Contact Discharge								Criterion	Result
Test level(kV)	2		4		8		15		2		4		6		8			
Test Location	+	-	+	-	+	-	+	-	+	-	+	-	+	-	+	-		
Gap					P	P											B	Complies
Ports											P	P						
Metal											P	P						

#### Note:

- 1) +/- denotes the Positive/Negative polarity of the output voltage.
- 2) Test location(s) in which discharge (Air and contact discharge) to be applied illustrated by photos shown in next page(s)
- 3) In the table: 'P' represents 'PASS'; 'F' represents 'FAIL'.
- 4) Criteria A: Normal performance within limits specified by the manufacturer, requestor or purchaser.
- 5) Criteria B: Temporary loss of function or degradation of performance which ceases after the disturbance ceases, and from which the EUT recovers its normal performance, without operator intervention.
- 6) Criteria C: Temporary loss of function or degradation of performance, the correction of which requires operator intervention.
- 7) Criteria D: Loss of function or degradation of performance which is not recoverable, owing to damage to hardware or software, or loss of data.



## 4.5 RS TESTING

### 4.5.1 TEST SPECIFICATION

Basic Standard:	EN/IEC 61000-4-3
Required Performance:	A
Frequency Range& Field Strength:	80 MHz - 1000 MHz: 3 V/m 1.4 GHz – 2.0 GHz: 3 V/m 2.0 GHz – 2.7 GHz: 1 V/m
Modulation:	1kHz Sine Wave, 80%, AM Modulation
Frequency Step:	1 % of fundamental
Polarity of Antenna:	Horizontal and Vertical
Test Distance:	3 m
Antenna Height:	1.5 m
Dwell Time:	3 seconds

### 4.5.2 TEST PROCEDURE

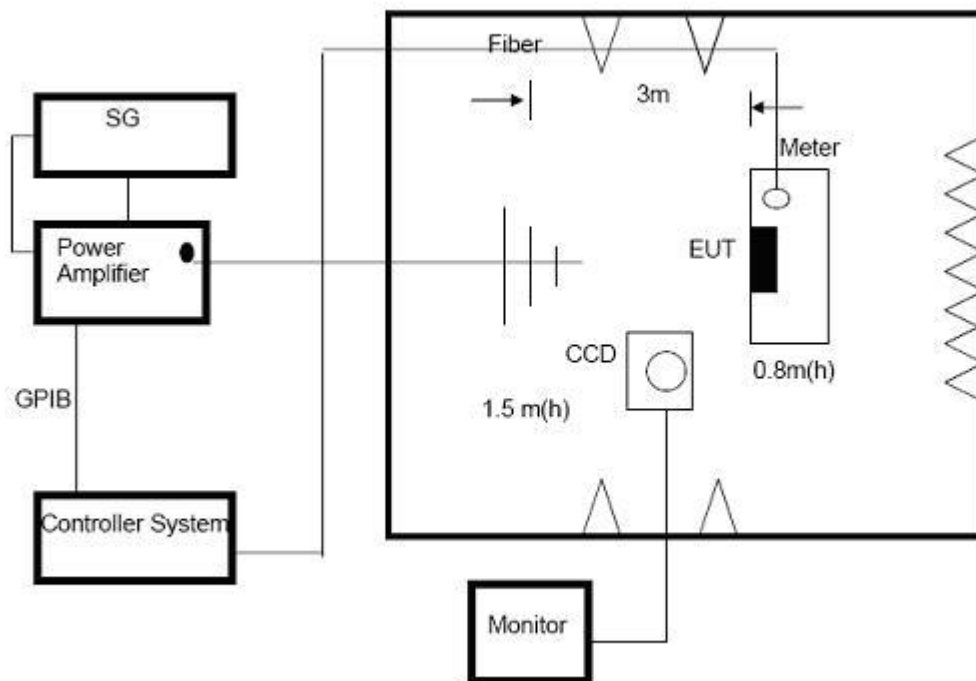
The EUT and support equipment, which are placed on a table that is 0.8 meter above ground and the testing was performed in a fully-anechoic chamber.

The testing distance from antenna to the EUT was 3 meters.

The other condition as following manner:

- The frequency range is swept from 80 MHz to 1000 MHz, & 1400MHz - 2700MHz with the signal 80%amplitude modulated with a 1kHz sine wave. The rate of sweep did not exceed 1.5x 10-3 decade/s. Where the frequency range is swept incrementally, the step size was 1% of fundamental.
- Sweep Frequency 900 MHz, with the Duty Cycle:1/8 and Modulation: Pulse 217 Hz(if applicable)
- The dwell time at each frequency shall be not less than the time necessary for the EUT to be able to respond.
- The test was performed with the EUT exposed to both vertically and horizontally polarized fields on each of the four sides.

#### 4.5.3 TEST SETUP



#### Note:

##### TABLE-TOP EQUIPMENT

The EUT installed in a representative system as described in section 7 of EN/IEC 61000-4-3 was placed on a non-conductive table 0.8 meters in height. The system under test was connected to the power and signal wire according to relevant installation instructions.

##### FLOOR-STANDING EQUIPMENT

The EUT installed in a representative system as described in section 7 of EN/IEC 61000-4-3 was placed on a non-conductive wood support 0.1 meters in height. The system under test was connected to the power and signal wire according to relevant installation instructions.

#### 4.5.4 TEST RESULTS

EUT:	Rechargeable Li-ion Battery	Model Name :	LV51200H
Temperature:	22℃	Relative Humidity:	54%
Pressure:	1010hPa	Test Mode :	Mode 1
Test Power :	DC 51.2V		

Frequency Range (MHz)	RF Field Position	R.F. Field Strength	Azimuth	Perform. Criteria	Results	Judgment
80MHz - 1000MHz	H / V	3 V/m (rms) AM Modulated 1000Hz, 80%	Front	A	P	Complies
			Rear			
			Left			
			Right			
1.4 GHz – 2.0 GHz	H / V	3 V/m (rms) AM Modulated 1000Hz, 80%	Front			
			Rear			
			Left			
			Right			
2.0 GHz – 2.7 GHz	H / V	1 V/m (rms) AM Modulated 1000Hz, 80%	Front			
			Rear			
			Left			
			Right			

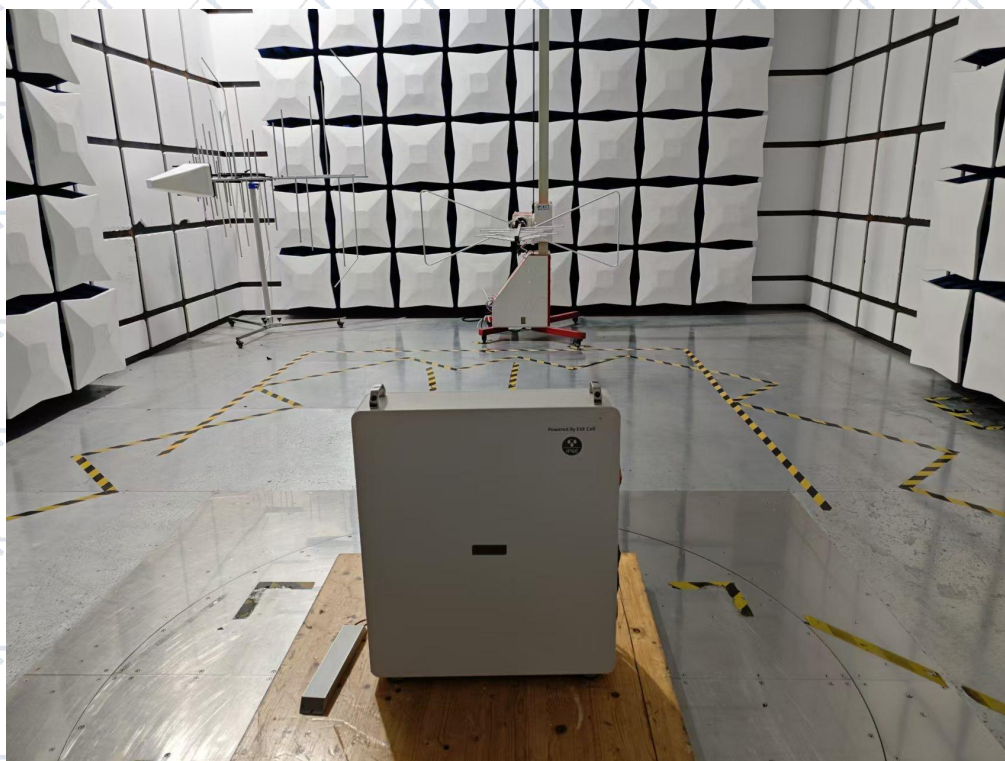
#### Note:

- 1) N/A - denotes test is not applicable in this test report.
- 2) In the table: 'P' represents 'PASS'; 'F' represents 'FAIL'.
- 3) Criteria A: There was no change operated with initial operating during the test.
- 4) Criteria B: The EUT function loss during the test, but self-recoverable after the test.
- 5) Criteria C: The system shut down during the test.



## 5. EUT TEST PHOTO

### Radiated Measurement Photos



ATTACHMENT PHOTOGRAPHS OF EUT

Photo 1



Photo 2





Photo 3



-----END OF REPORT-----