

Certificate of Conformity

NO.: ED170306010E

The following product has been tested by us with the listed standards and found in conformity with the council EMC directive 2014/30/EU. It is possible to use CE marking to demonstrate the conformity with this EMC Directive.

Applicant :
Address :
Manufacturer :
Address :
EUT : Triangle Mini Lantern
Trade Mark : N/A
M/N : FL3317
Test Standards : EN 55015: 2013+A1: 2015
EN 61547: 2009



(Manager)

March 13, 2017

The certificate is based on a single evaluation of one sample of above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab. logo.

EMC TEST REPORT

For

Triangle Mini Lantern

Model No.: FL3317

Prepared for :
Address :

Prepared By : EMTEK(DONGGUAN) CO., LTD.
Address : No.281, Guantai Road, Nancheng District, Dongguan, Guangdong,
China
Tel : +86-769-22807078
Fax: +86-769-22807079

Report Number : ED170306010E
Date of Test : March 06, 2017 to March 13, 2017
Date of Report : March 13, 2017

TABLE OF CONTENTS

Test Report Description	Page
1. DESCRIPTION OF STANDARDS AND RESULTS (EUT)	5
2. GENERAL INFORMATION	6
2.1 Description of Device (EUT)	6
2.2 Test Facility	7
2.3 Measurement Uncertainty	7
3. MEASURING DEVICES AND TEST EQUIPMENT	8
3.1 For Radiated Emission Measurement	8
3.2 For Magnetic Measurement	8
3.3 For Electrostatic Discharge Test	8
3.4 For RF Strength Susceptibility Test	9
4. RADIATED EMISSION MEASUREMENT	10
4.1 Block Diagram of Test	10
4.2 Measuring Standard	10
4.3 Radiated Emission Limits	11
4.4 EUT Configuration on Test	11
4.5 Operating Condition of EUT	11
4.6 Test Procedure	11
4.7 Test Results	11
5. MAGNETIC FIELD EMISSION MEASUREMENT	14
5.1 Block Diagram of Test Setup	14
5.2 Magnetic Field Emission Measurement Standard and Limits	14
5.3 EUT Configuration on Measurement	14
5.4 Operating Condition of EUT	14
5.5 Test Procedure	15
5.6 Test Results	15
6. ELECTROSTATIC DISCHARGE TEST	19
6.1 Block Diagram of Test Setup	19
6.2 Test Standard	19
6.3 Severity Levels and Performance Criterion	20
6.4 EUT Configuration	20
6.5 Operating Condition of EUT	20
6.6 Test Procedure	21
6.7 Test Results	21
7. RF FIELD STRENGTH SUSCEPTIBILITY TEST	23
7.1 Block Diagram of Test Setup	23
7.2 Test Standard	24
7.3 Severity Levels and Performance Criterion	24
7.4 EUT Configuration	24
7.5 Operating Condition of EUT	24
7.6 Test Procedure	24
7.7 Test Results	25
8. PHOTOGRAPH	27
8.1 Photo of Radiation Emission Measurement	27
8.2 Photo of Magnetic field emission Measurement	27
8.3 Photo of Electrostatic Discharge Test	28
8.4 Photo of RF Field Strength susceptibility Test	28
APPENDIX (Photos of EUT) (3 pages)	

TEST REPORT VERIFICATION

Applicant :
Manufacturer :
EUT : Triangle Mini Lantern
Model No. : FL3317
Input Rating : DC 1.5V Battery

Measurement Procedure Used:

EN 55015: 2013+A1: 2015
EN 61547: 2009
(IEC 61000-4-2: 2008, IEC 61000-4-3: 2006+A1: 2007+A2: 2010)

The device described above is tested by EMTEK(DONGGUAN) CO., LTD. and EMTEK (SHENZHEN) CO., LTD. to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. The measurement results are contained in this test report and EMTEK(DONGGUAN) CO., LTD. is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the EUT to be technically compliant with the EN 55015 and EN 61547 requirements.

This report applies to above tested sample only and shall not be reproduced in part without written approval of EMTEK(DONGGUAN) CO., LTD.

Date of Test : March 06, 2017 to March 13, 2017

Prepared by : Lizzy Li
Lizzy Li / Editor

Reviewer : Alan He
Alan He / Supervisor

Approved & Authorized Signer : Sam Lv
Sam Lv / Manager

Modified Information

Version	Summary	Revision Date	Report No.
Ver.1.0	Original Report	/	ED170306010E

1. DESCRIPTION OF STANDARDS AND RESULTS (EUT)

EMISSION			
Description of Test Item	Standard	Limits	Results
Disturbance Voltage at the Mains Terminal	EN 55015: 2013+A1: 2015	Table 2a	N/A
Radiated Disturbance	EN 55015: 2013+A1: 2015	Table 3b	Pass
Magnetic Field Emission Measurement	EN 55015: 2013+A1: 2015	Table 3a	Pass
Harmonic Current Emissions	EN 61000-3-2: 2014	Class C	N/A
Voltage Fluctuation and Flicker	EN 61000-3-3: 2013	Section 5	N/A
IMMUNITY			
Description of Test Item	Basic Standard	Performance Criteria	Results
Electrostatic Discharge (ESD)	IEC 61000-4-2: 2008	B	Pass
RF Field Strength Susceptibility (R/S)	IEC 61000-4-3: 2006+A1: 2007+A2: 2010	A	Pass
Electro Fast Transient (EFT)	IEC 61000-4-4: 2012	B	N/A
Surge (Input AC Power Port)	IEC 61000-4-5: 2014	C	N/A
Radio-Frequency, Continuous Conducted Disturbance	IEC 61000-4-6: 2013	A	N/A
Power Frequency Magnetic Field	IEC 61000-4-8: 2009	A	N/A
Voltage Interruptions, 100%	IEC 61000-4-11: 2004	B	N/A
Voltage Dips, 30% Reduction		C	N/A
Note: N/A is an abbreviation for Not Applicable.			

2. GENERAL INFORMATION

2.1 Description of Device (EUT)

EUT	: Triangle Mini Lantern
Model Number	: FL3317
Trade Mark	: N/A
Power Supply for Test	: DC 1.5V Battery
Operate Mode	: ON
Applicant	:
Address	:
Manufacturer	:
Address	:
Date of sample receiver	: March 06, 2017
Date of Test	: March 06, 2017 to March 13, 2017

2.2 Test Facility

Site Description
EMC Lab.

: Accredited by CNAS, 2015.09.24
The certificate is valid until 2018.07.03
The Laboratory has been assessed and proved to be in compliance with CNAS/CL01:2006
The Certificate Registration Number is L3150

Accredited by TUV Rheinland, 2016.02.02
The certificate is valid until 2017.02.01
The Laboratory has been assessed according to the requirements ISO/IEC 17025: 2005

Registered on FCC, June 18, 2014
The Certificate Number is 247565.

Registered on Industry Canada, February 19, 2014
The Certificate Number is 9444A.

Name of Firm : EMTEK(DONGGUAN) CO., LTD.
Site Location : No.281, Guantai Road, Nancheng District, Dongguan, Guangdong, China

2.3 Measurement Uncertainty

Test Item	Uncertainty
Radiated Emission Uncertainty (3m Chamber)	: 3.34dB (30M~1GHz Polarize: H) 3.32dB (30M~1GHz Polarize: V)
Magnetic Emission Uncertainty	2.8dB
Uncertainty for R/S Test	: 2.10dB(80MHz-200MHz) 1.76dB(200MHz-1000MHz)
Uncertainty for test site temperature and humidity	: 0.6℃ 4%

3. MEASURING DEVICES AND TEST EQUIPMENT

3.1 For Radiated Emission Measurement

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESCI	1166.5950.03	May 16, 2016	1 Year
2.	Bilog Antenna	Schwarzbeck	VULB9163	000141	May 16, 2016	1 Year
3.	Power Amplifier	CDS	RSU-M352	818	May 16, 2016	1 Year
4.	Power Amplifier	HP	8447F	OPT H64	May 16, 2016	1 Year
5.	Color Monitor	SUNSP0	SP-140A	N/A	May 16, 2016	1 Year
6.	Single Line Filter	JIANLI	XL-3	N/A	May 16, 2016	1 Year
7.	Single Phase Power Line Filter	JIANLI	DL-2X100B	N/A	May 16, 2016	1 Year
8.	3 Phase Power Line Filter	JIANLI	DL-4X100B	N/A	May 16, 2016	1 Year
9.	DC Power Filter	JIANLI	DL-2X50B	N/A	May 16, 2016	1 Year
10.	Cable	Schwarzbeck	PLF-100	519489	May 18, 2016	1 Year
11.	Cable	Rosenberger	CIL02	A0783566	May 18, 2016	1 Year
12.	Cable	Rosenberger	RG 233/U	525178	May 18, 2016	1 Year

3.2 For Magnetic Measurement

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	Test Receiver	Rohde & Schwarz	ESCS30	828985/018	May 17, 2016	1 Year
2.	Loop Antenna	Laplace Instrument Ltd	RF300	8006	May 17, 2016	1 Year
3.	Pulse Limiter	Rohde & Schwarz	ESH3-Z2	100006	May 17, 2016	1 Year
4.	RF Cable	FUJIKURA	RG-55/U	LISN Cable	May 17, 2016	1 Year
5.	Coaxial Switch	Anritsu	MP59B	M73989	May 17, 2016	1 Year

3.3 For Electrostatic Discharge Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	ESD Tester	TESEQ AG	NSG437	EE166	May 16, 2016	1 Year

3.4 For RF Strength Susceptibility Test

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	RF Power Meter. Dual Channel	BOONTON	4232A	10539	May 17, 2016	1 Year
2.	50ohm Diode Power Sensor	BOONTON	51011EMC	34236/34238	May 17, 2016	1 Year
3.	Broad-Band Horn Antenna	SCHWARZBECK	BBHA9120 L3F	332	May 17, 2016	1 Year
4.	Power Amplifier	PRANA	AP32MT215	N/A	May 17, 2016	1 Year
5.	Power Amplifier	MILMEGA	AS0102-55	N/A	May 17, 2016	1 Year
6.	Signal Generator	AEROFLEX	2023B	N/A	May 17, 2016	1 Year
7.	Field Strength Meter	HOLADAY	HI-6005	N/A	May 17, 2016	1 Year
8.	RS232 Fiber Optic Modem	HOLADAY	HI-4413P	N/A	May 17, 2016	1 Year
9.	Log.-Per. Antenna	SCHWARZBECK	VULP 9118E	N/A	May 17, 2016	1 Year

4. RADIATED EMISSION MEASUREMENT

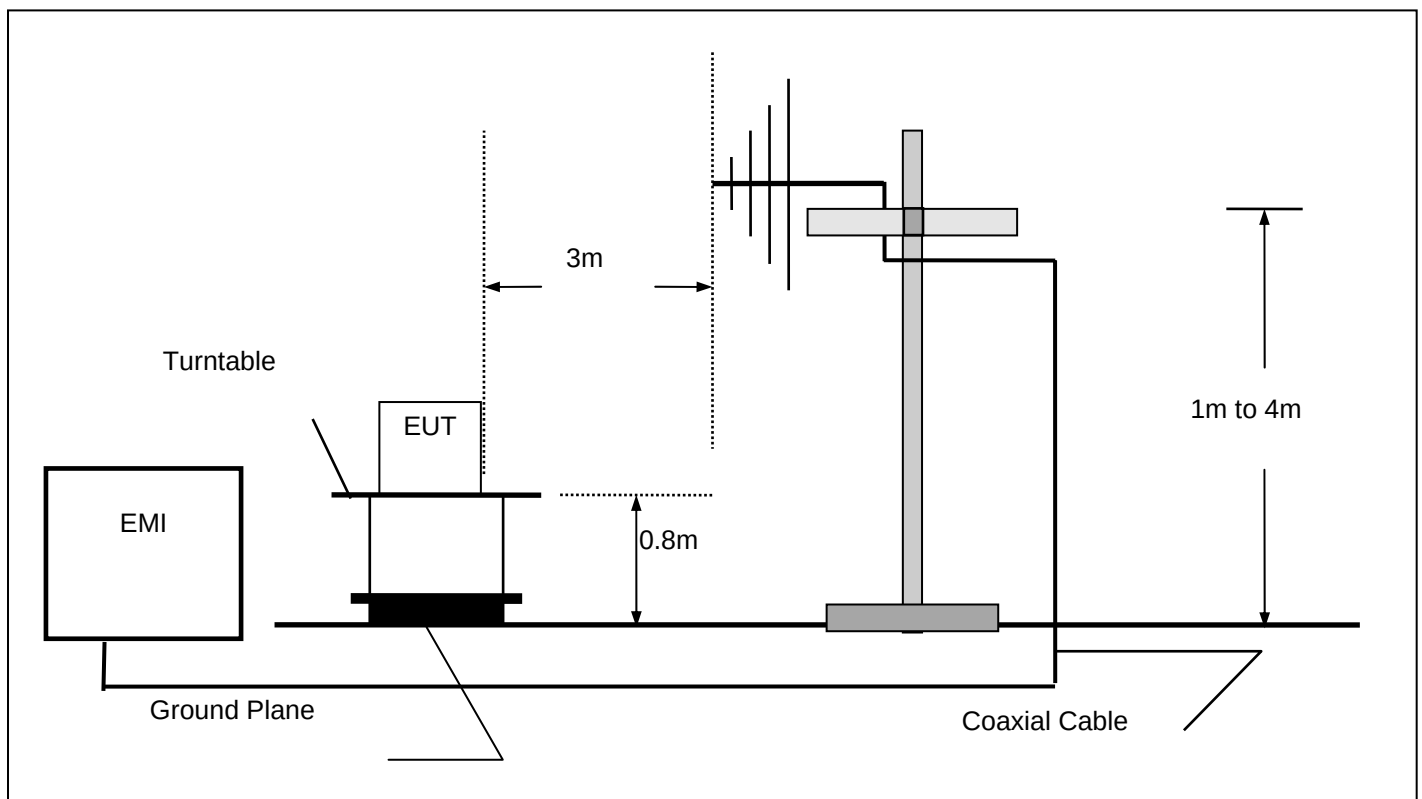
4.1 Block Diagram of Test

4.1.1 Block diagram of connection between the EUT and simulators



(EUT: Triangle Mini Lantern)

4.1.2 Block diagram of test setup (In chamber)



(EUT: Triangle Mini Lantern)

4.2 Measuring Standard

EN 55015: 2013+A1: 2015

4.3 Radiated Emission Limits

All emanations from a device or system shall not exceed the level of field strengths specified below:

FREQUENCY (MHz)	DISTANCE (Meters)	FIELD STRENGTHS LIMIT (Db μ V/m)
30 ~ 230	3	40
230 ~ 300	3	47

- Note:
- (1) The smaller limit shall apply at the combination point between two frequency bands.
 - (2) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the EUT.

4.4 EUT Configuration on Test

The EN 55015 regulations test method must be used to find the maximum emission during radiated emission measurement.

EUT : Triangle Mini Lantern

Model No. : FL3317

4.5 Operating Condition of EUT

4.5.1 Turn on the power.

4.5.2 Let the EUT work in test mode (ON) and measure it.

4.6 Test Procedure

The EUT is placed on a turn table which is 0.8 meter high above the ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. The EUT is set 3 meters away from the receiving antenna which is mounted on a antenna tower. The antenna can be moved up and down from 1 to 4 meter to find out the maximum emission level. Bilog antenna (calibrated by Dipole Antenna) is used as a receiving antenna. Both horizontal and vertical polarizations of the antenna are set on test.

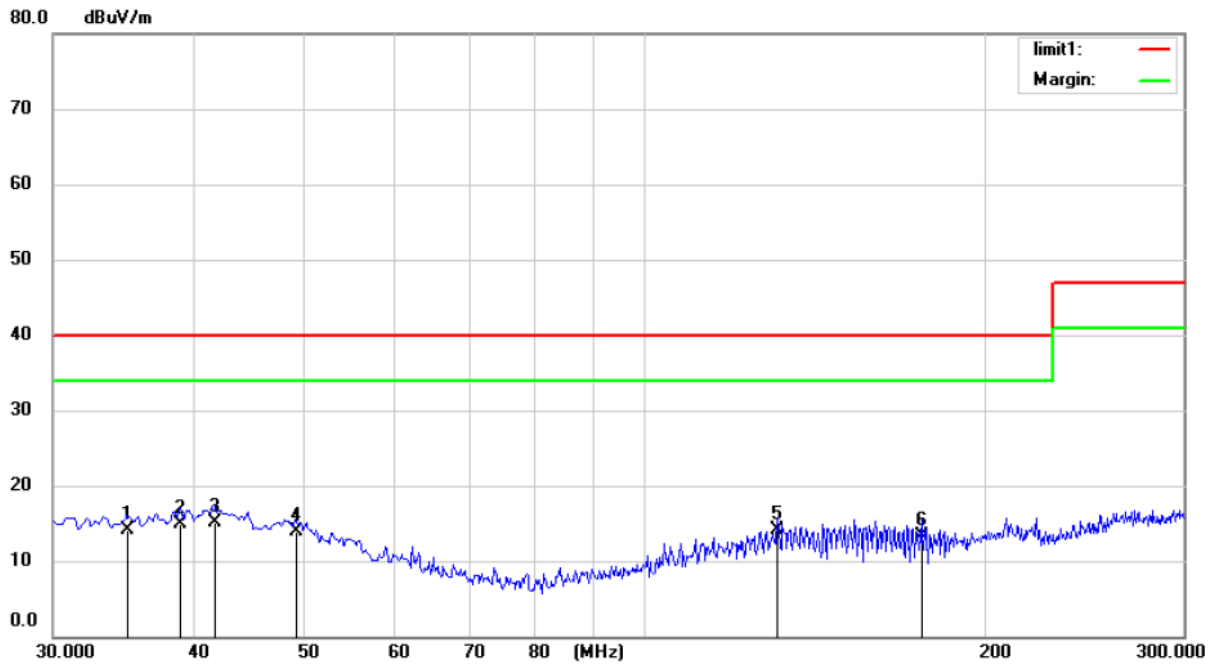
The bandwidth of the Receiver (ESCI) is set at 120kHz.

4.7 Test Results

PASS.

The frequency range from 30MHz to 300MHz is investigated.

The test data are attached in the following pages.



Site Chamber #1

Polarization: **Horizontal**

Temperature: 26

Limit: (RE)EN55015_3m

Power: Battery 1.5V

Humidity: 55 %

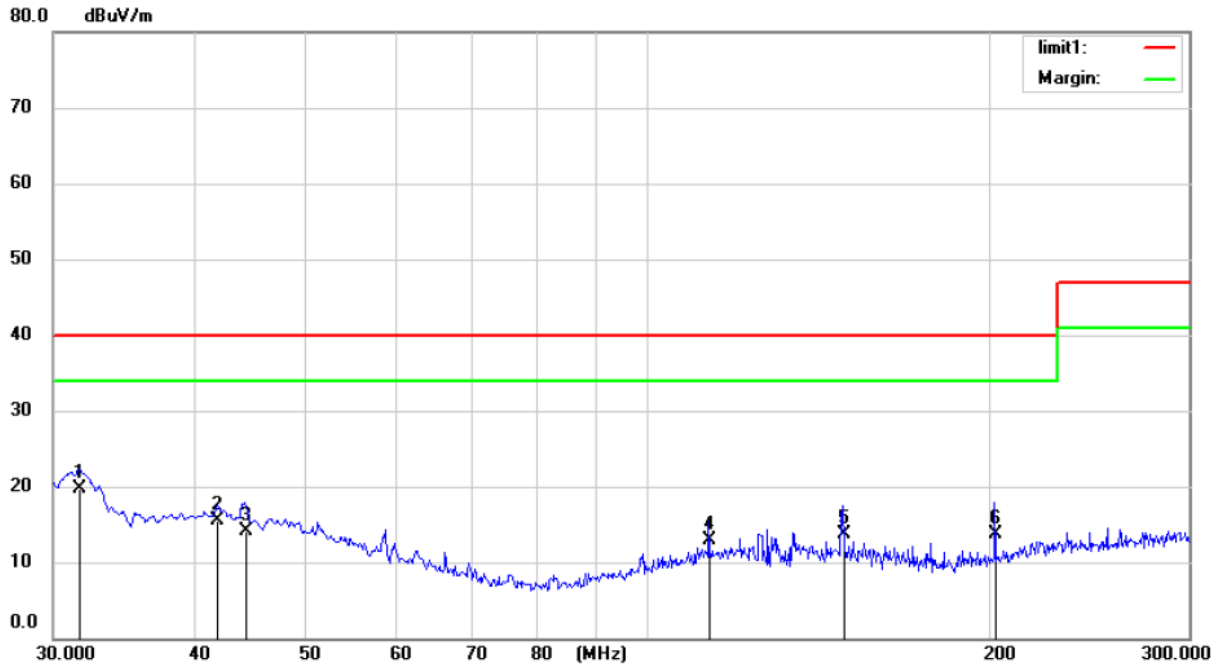
Mode: ON

Note:

No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Antenna Height cm	Table Degree	Comment
1		34.8600	28.20	-14.07	14.13	40.00	-25.87	QP		
2		38.9100	28.36	-13.45	14.91	40.00	-25.09	QP		
3	*	41.6100	28.32	-13.12	15.20	40.00	-24.80	QP		
4		49.1700	28.70	-14.83	13.87	40.00	-26.13	QP		
5		131.2500	31.65	-17.53	14.12	40.00	-25.88	QP		
6		176.0700	33.12	-19.76	13.36	40.00	-26.64	QP		

*:Maximum data x:Over limit !:over margin

Operator: washington



Site Chamber #1

Polarization: *Vertical*

Temperature: 26

Limit: (RE)EN55015_3m

Power: Battery 1.5V

Humidity: 55 %

Mode: ON

Note:

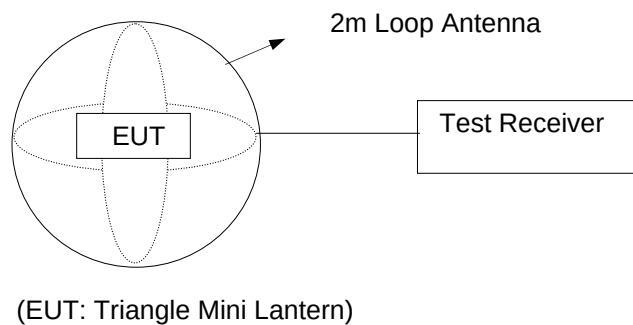
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	31.6200	34.23	-14.48	19.75	40.00	-20.25	QP		
2		41.8800	28.60	-13.07	15.53	40.00	-24.47	QP		
3		44.3100	27.86	-13.78	14.08	40.00	-25.92	QP		
4		113.4300	31.35	-18.41	12.94	40.00	-27.06	QP		
5		148.8000	32.26	-18.55	13.71	40.00	-26.29	QP		
6		202.8000	32.35	-18.57	13.78	40.00	-26.22	QP		

*:Maximum data x:Over limit !:over margin

Operator: washington

5. MAGNETIC FIELD EMISSION MEASUREMENT

5.1 Block Diagram of Test Setup



5.2 Magnetic Field Emission Measurement Standard and Limits

5.2.1 Test Standard

EN 55015: 2013+A1: 2015

5.2.2 Test Limits

Frequency	Limits for loop diameter (Db μ A)
	2m
9KHz ~ 70KHz	88
70KHz ~ 150KHz	88 ~ 58*
150KHz ~ 3.0MHz	58 ~ 22*
3.0MHz ~ 30MHz	22

1. At the transition frequency the lower limit applies.
2. * decreasing linearly with logarithm of the frequency.

5.3 EUT Configuration on Measurement

The configuration of the EUT is same as Section 4.4.

5.4 Operating Condition of EUT

Same as conducted measurement which is listed in Section 4.5, except that the test setup replaced by Section 5.1.

5.5 Test Procedure

The EUT is placed on a wood table in the center of a loop antenna. The induced current in the loop antenna is measured by means of a current probe and the test receiver. Three field components are checked by means of a coaxial switch.

The frequency range from 9KHz to 30MHz is investigated. The receiver is measured with the quasi-peak detector. For frequency band 9KHz to 150KHz, the bandwidth of the field strength meter (R&S test receiver ESCS30) is set at 200Hz. For frequency band 150KHz to 30MHz, the bandwidth is set at 9KHz.

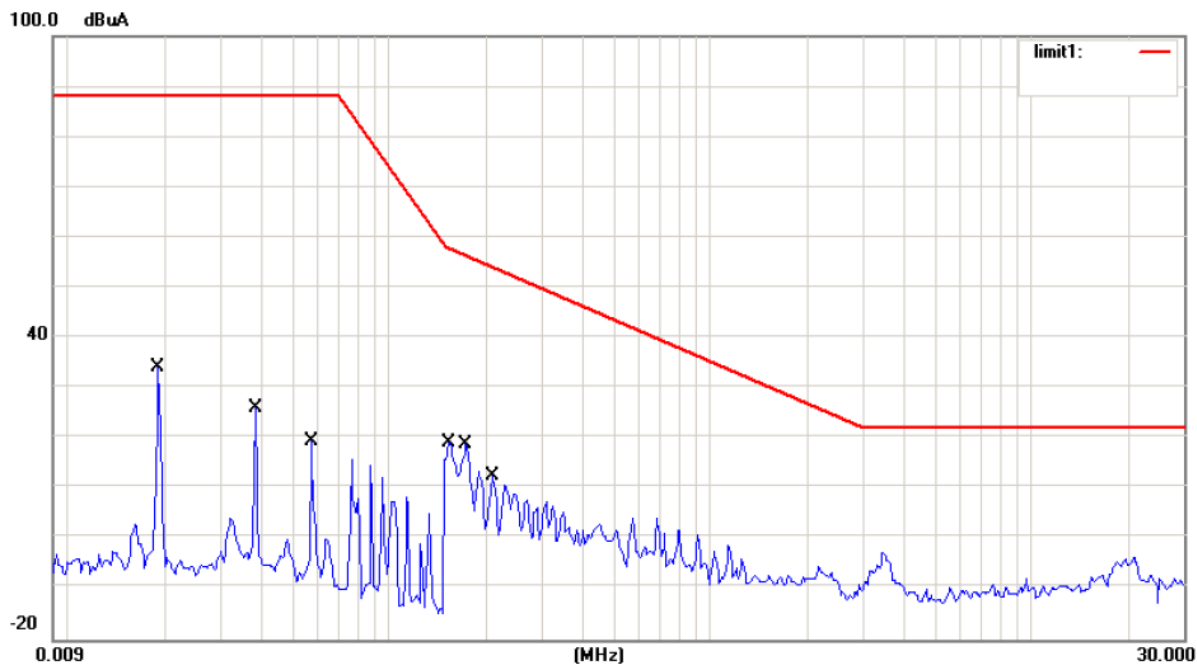
5.6 Test Results

PASS.

These test result outsourced to EMTEK (SHENZHEN) CO., LTD.

The frequency range from 9KHz to 30MHz is investigated.

The test data are attached in the following pages.



Site site #1

Phase: **LOOP A**

Temperature: 22

Limit: (CE)EN55015_ME

Power: Battery 1.5V

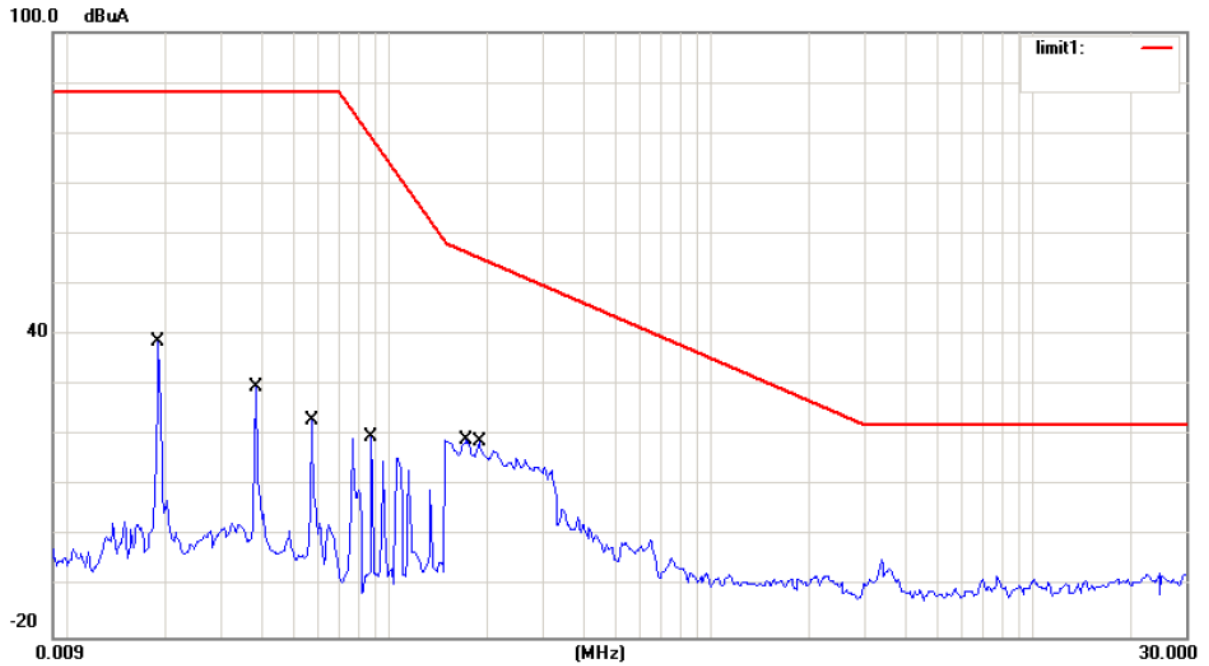
Humidity: 50 %

Mode: ON

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over	Detector	Comment
		MHz	dBuA	dB	dBuA	dBuA	dB		
1		0.0192	34.20	0.00	34.20	88.00	-53.80	QP	
2		0.0384	25.90	0.00	25.90	88.00	-62.10	QP	
3		0.0576	19.40	0.00	19.40	88.00	-68.60	QP	
4		0.1550	19.10	0.00	19.10	57.61	-38.51	QP	
5	*	0.1751	18.40	0.00	18.40	56.14	-37.74	QP	
6		0.2100	12.50	0.00	12.50	53.96	-41.46	QP	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Andy



Site site #1

Phase: **LOOP B**

Temperature: 22

Limit: (CE)EN55015_ME

Power: Battery 1.5V

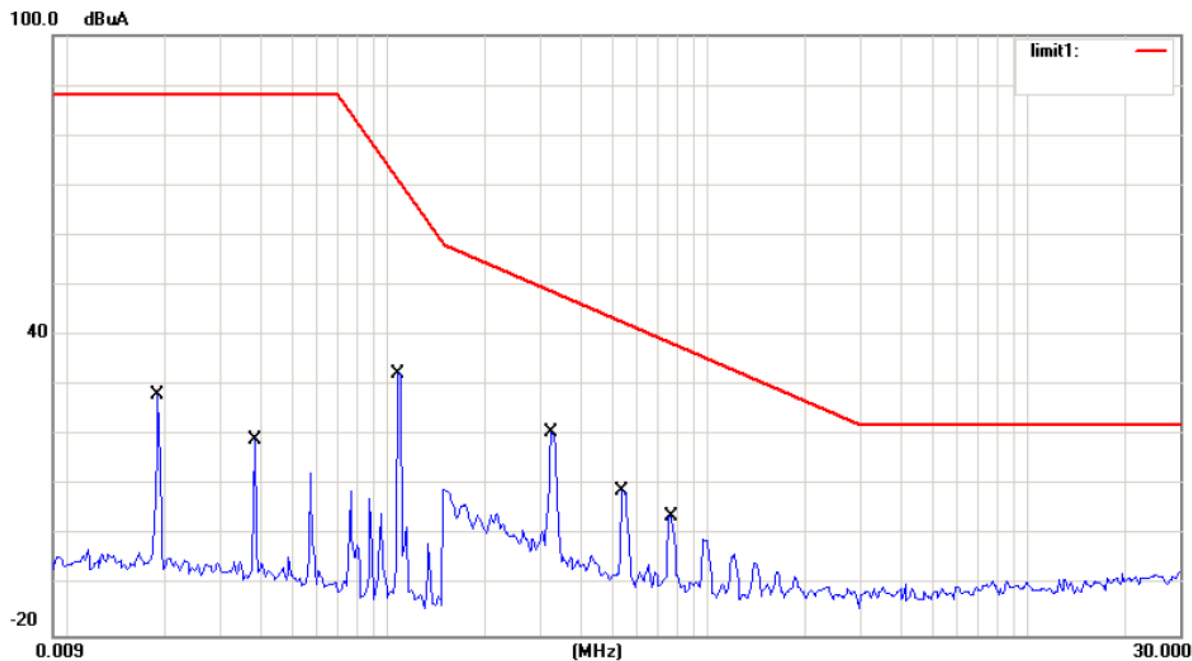
Humidity: 50 %

Mode: ON

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuA	dB	dBuA	dBuA	dB		
1		0.0192	38.50	0.00	38.50	88.00	-49.50	QP	
2		0.0384	29.60	0.00	29.60	88.00	-58.40	QP	
3		0.0576	23.00	0.00	23.00	88.00	-65.00	QP	
4		0.0882	19.60	0.00	19.60	78.90	-59.30	QP	
5		0.1750	19.00	0.00	19.00	56.15	-37.15	QP	
6	*	0.1900	18.70	0.00	18.70	55.16	-36.46	QP	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Andy



Site site #1

Phase: **LOOP C**

Temperature: 22

Limit: (CE)EN55015_ME

Power: Battery 1.5V

Humidity: 50 %

Mode: ON

Note:

No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuA	dB	dBuA	dBuA	dB		
1		0.0192	28.00	0.00	28.00	88.00	-60.00	QP	
2		0.0384	19.00	0.00	19.00	88.00	-69.00	QP	
3		0.1078	32.40	0.00	32.40	71.00	-38.60	QP	
4	*	0.3250	20.50	0.00	20.50	48.71	-28.21	QP	
5		0.5400	9.00	0.00	9.00	42.61	-33.61	QP	
6		0.7700	3.80	0.00	3.80	38.34	-34.54	QP	

*:Maximum data x:Over limit !:over margin Comment: Factor build in receiver. Operator: Andy

6. ELECTROSTATIC DISCHARGE TEST

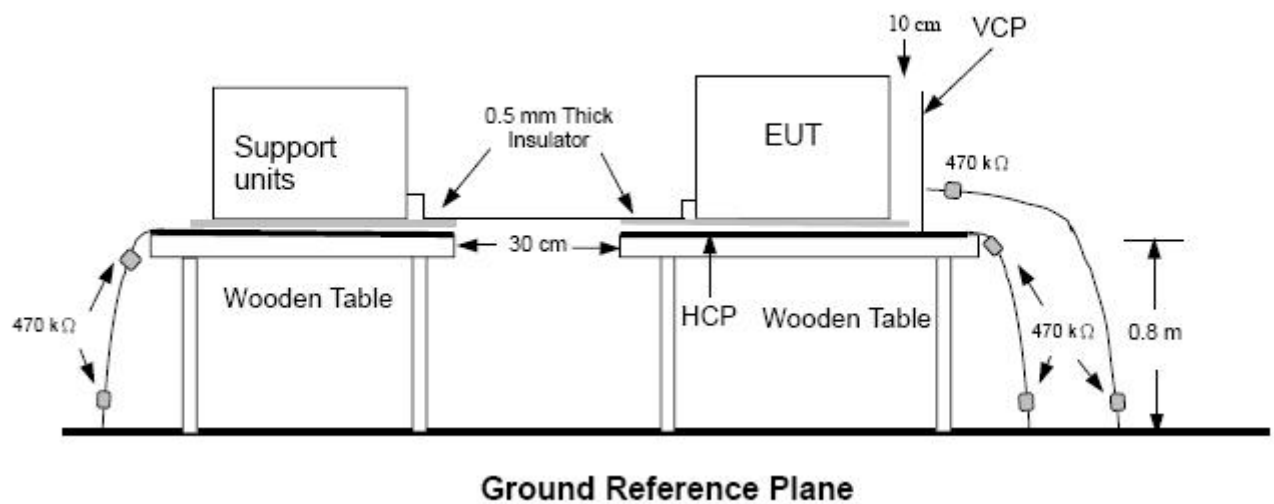
6.1 Block Diagram of Test Setup

6.1.1 Block Diagram of the EUT



(EUT: Triangle Mini Lantern)

6.1.2 Block Diagram of ESD Test Setup



(EUT: Triangle Mini Lantern)

6.2 Test Standard

EN 61547: 2009
(IEC 61000-4-2: 2008,
Severity Level: Air Discharge: Level 3, ±8KV Contact Discharge: Level 2, ±4KV)

6.3 Severity Levels and Performance Criterion

6.3.1 Severity level

Level	Test Voltage Contact Discharge (KV)	Test Voltage Air Discharge (KV)
1.	±2	±2
2.	±4	±4
3.	±6	±8
4.	±8	±15
X	Special	Special

6.3.2 Performance criterion: **B**

6.4 EUT Configuration

The configuration of EUT is listed in Section 4.4.

6.5 Operating Condition of EUT

6.5.1 Setup the EUT as shown in Section 6.1.

6.5.2 Turn on the power of all equipments.

6.5.3 Let the EUT work in test mode (ON) and measure it.

6.6 Test Procedure

6.6.1 Air Discharge:

This test is done on a non-conductive surface. The round discharge tip of the discharge electrode shall be approached as fast as possible to touch the EUT. After each discharge, the discharge electrode shall be removed from the EUT. The generator is then re-triggered for a new single discharge and repeated 10 times for each pre-selected test point. This procedure shall be repeated until all the air discharge completed.

6.6.2 Contact Discharge:

All the procedure shall be same as Section 6.6.1. except that the tip of the discharge electrode shall touch the EUT before the discharge switch is operated.

6.6.3 Indirect discharge for horizontal coupling plane:

At least 20 single discharges shall be applied to the horizontal coupling plane, at points on each side of the EUT. The discharge electrode positions vertically at a distance of 0.1m from the EUT and with the discharge electrode touching the coupling plane.

6.6.4 Indirect discharge for vertical coupling plane:

At least 20 single discharge shall be applied to the center of one vertical edge of the coupling plane. The coupling plane, of dimensions 0.5m X 0.5m, is placed parallel to, and positioned at a distance of 0.1m from the EUT. Discharges shall be applied to the coupling plane, with this plane in sufficient different positions that the four faces of the EUT are completely illuminated.

6.7 Test Results

PASS.

Please refer to the following page.

Electrostatic Discharge Test Results

EMTEK(DONGGUAN) CO., LTD.

Applicant	Test Date : March 06, 2017
EUT Triangle Mini Lantern	Temperature : 24°C
M/N FL3317	Humidity : 54%
Power Supply DC 1.5V Battery	Test Engineer : YE
Test Mode : ON	Criterion : B
Air Discharge: $\pm 2, 4, 8\text{KV}$ Contact Discharge: $\pm 2, 4\text{KV}$ # For each point positive 10 times and negative 10 times	
Location	Kind A-Air Discharge C-Contact Discharge
Slot of EUT 5 points	A
HCP	C
VCP	C
Remark :	Test Equipment : ESD Tester (TESEQ AG, NSG437)

Discharge should be considered on Contact and Air and Horizontal Coupling Plane (HCP) and Vertical Coupling Plane (VCP).

7. RF FIELD STRENGTH SUSCEPTIBILITY TEST

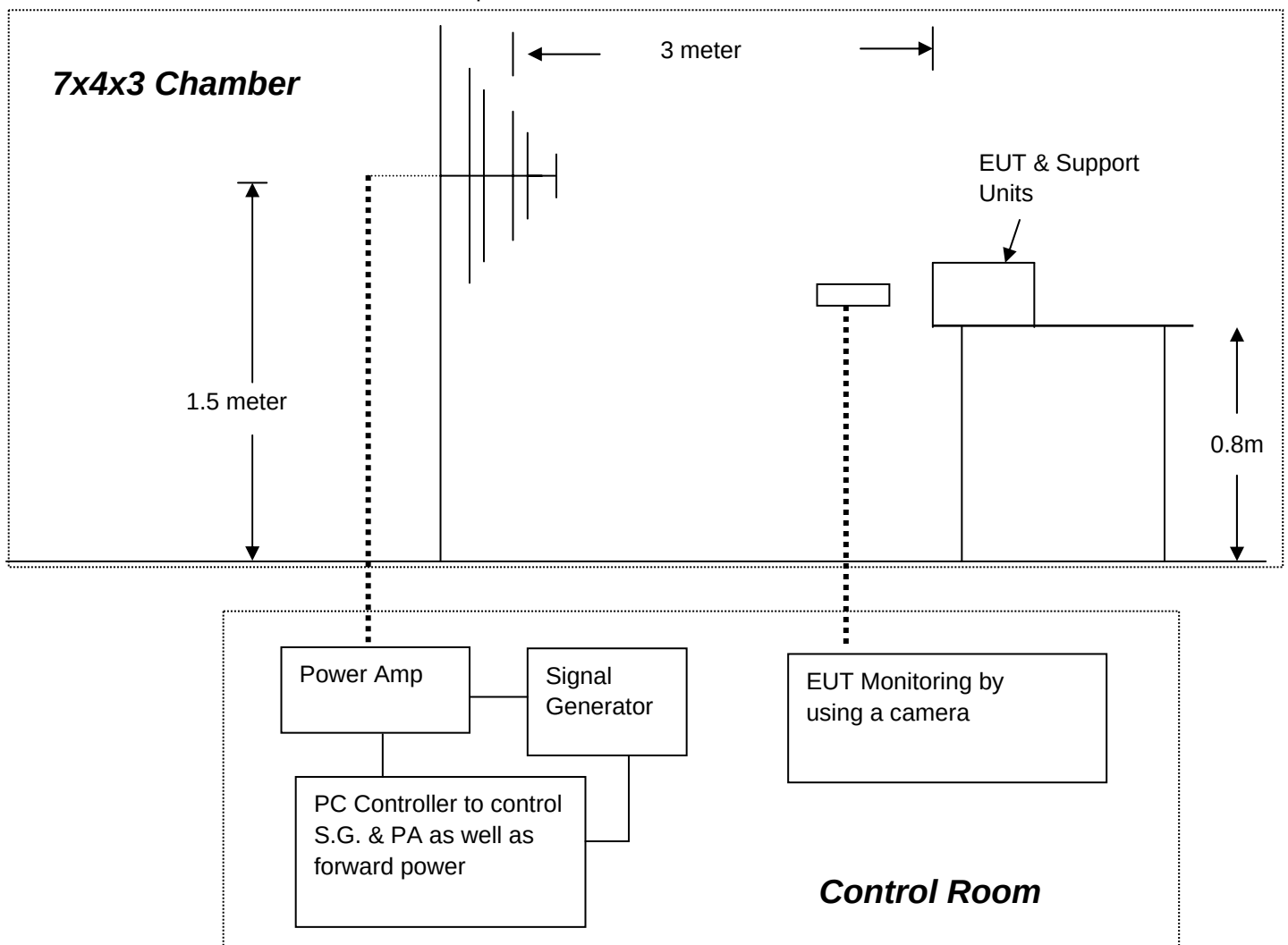
7.1 Block Diagram of Test Setup

7.1.1 Block Diagram of the EUT and the simulators



(EUT: Triangle Mini Lantern)

7.1.2 R/S Test Setup



(EUT: Triangle Mini Lantern)

7.2 Test Standard

EN 61547: 2009

(IEC 61000-4-3: 2006+A1: 2007+A2: 2010, Severity Level: 2, 3V / m)

7.3 Severity Levels and Performance Criterion

7.3.1 Severity level

Level	Field Strength V/m
1.	1
2.	3
3.	10
X	Special

7.3.2 Performance criterion: A

7.4 EUT Configuration

The configurations of EUT are listed in Section 4.4.

7.5 Operating Condition of EUT

7.5.1 Setup the EUT as shown in Section 7.1.

7.5.2 Turn on the power of all equipments.

7.5.3 Let the EUT work in test mode (ON) and measure it.

7.6 Test Procedure

The EUT and its simulators are placed on a turn table which is 0.8 meter above ground. EUT is set 3 meter away from the transmitting antenna which is mounted on an antenna tower. Both horizontal and vertical polarizations of the antenna are set on test. Each of the four sides of EUT must be faced this transmitting antenna and measured individually. In order to judge the EUT performance, a CCD camera is used to monitor EUT screen. All the scanning conditions are as follows:

Condition of Test	Remarks
1. Fielded Strength	3 V/m (Severity Level 2)
2. Radiated Signal	Unmodulated
3. Scanning Frequency	80 - 1000 MHz
4. Dwell time of radiated	0.0015 decade/s
5. Waiting Time	1 Sec.

7.7 Test Results

PASS.

These test result outsourced to EMTEK (SHENZHEN) CO., LTD.

Please refer to the following page.

RF Field Strength Susceptibility Test Results

EMTEK (SHENZHEN) CO., LTD.

Applicant: _____	Test Date : <u>March 07, 2017</u>
EUT : <u>Triangle Mini Lantern</u>	Temperature : <u>24°C</u>
M/N : <u>FL3317</u>	Humidity : <u>55%</u>
Field Strength: <u>3 V/m</u>	Criterion: <u>A</u>
Power Supply: <u>DC 1.5V Battery</u>	Frequency Range: <u>80 MHz</u> <u>to 1000 MHz</u>
Test Engineer: <u>YE</u>	
Modulation: ☒ AM ☐ Pulse ☐ none 1 KHz 80%	
Test Mode : <u>ON</u>	

Frequency Range : 80-1000MHz

Steps	1 %
-------	-----

	Horizontal	Vertical
Front	PASS	PASS
Right	PASS	PASS
Rear	PASS	PASS
Left	PASS	PASS

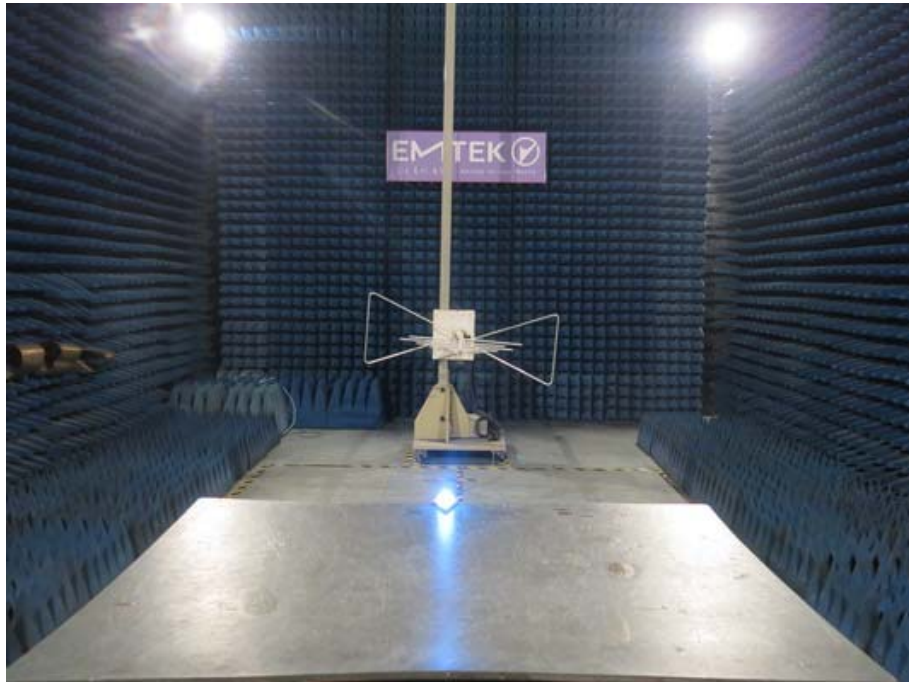
Test Equipment :

1. Signal Generator : 2023B (AEROFLEX)
2. Power Amplifier : AS0102-55 (MILMEGA)& AP32MT215 (PRANA)
3. Log.-Per. Antenna: VULP 9118E(SCHWARZBECK)
4. Broad-Band Horn Antenna: BBHA9120L3F (SCHWARZBECK)
5. RF Power Meter. Dual Channel : 4232A (BOONTON)
6. Field Strength Meter: HI-6005(HOLADAY)

Note:

8. PHOTOGRAPH

8.1 Photo of Radiation Emission Measurement



8.2 Photo of Magnetic field emission Measurement



8.3 Photo of Electrostatic Discharge Test



8.4 Photo of RF Field Strength susceptibility Test



APPENDIX (Photos of EUT)

