

TEST REPORT



Report No.: TWN2406631E

Applicant: Xplorys B.V.

Product: STROLLER SAFETY LIGHTS

Trademark: N/A

Model No.: 5728141

Test Standards: EN IEC 55015:2019+A11:2020
EN IEC 61547:2023
EN IEC 61000-3-2:2019+A1:2021
EN 61000-3-3:2013+A2:2021+AC:2022-01

Test result: The EMC testing has been performed on the submitted samples and found in compliance with council EMC Directive 2014/30/EU.

Approved By

A handwritten signature in black ink that reads 'Terry Tang'.

Terry Tang

Manager

Dated: June 14, 2024

**Results appearing herein relate only to the sample tested
The technical reports is issued errors and omissions exempt and is subject
to withdrawal at**

SHENZHEN TIMEWAY TESTING LABORATORIES.

Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road
West, Tong Le Village, Nanshan District, Shenzhen, China
Tel (+86 755)8344 8688 Fax (+86 755)8344 299 Email: info@timeway-lab.com



Special Statement:

FCC-Registration No.: 744189

The EMC Laboratory has been registered and fully described in a report filed with the (FCC) Federal Communications commission. The acceptance letter from the FCC is maintained in our files. Registration No.: 744189.

Industry Canada (IC) —Registration No.:5205A

The EMC Laboratory has been registered by Certification and Engineering Bureau of Industry Canada for radio equipment testing with Registration No.: 5205A.

A2LA (Certification Number:5013.01)

The EMC Laboratory has been accredited by the American Association for Laboratory Accreditation (A2LA). Certification Number:5013.01

CAB identifier: CN0033

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1.0 General Details

1.1 Test Lab Details

Name: SHENZHEN TIMEWAY TESTING LABORATORIES
Address: Zone C, 1st Floor, Block B, Jun Xiang Da Building, Zhongshan Park Road West, Tong Le Village, Nanshan District, Shenzhen, China
Telephone: (086) 755-83448688
Fax: (086) 755-83442996

1.2 Applicant Details

Applicant: Xplorys B.V.
Address: Dopplerstraat 12 - 1704 SR Heerhugowaard The Netherlands
Telephone: --
Fax: --

1.3 Description of EUT

Product: STROLLER SAFETY LIGHTS
Manufacturer: Xplorys B.V.
Address: Dopplerstraat 12 - 1704 SR Heerhugowaard The Netherlands
Trademark: N/A
Model Number: 5728141
Adding Model Number: N/A
Rating: Input: --
Battery: 2pcs DC3V CR2032 button batteries

1.4 Submitted Sample: 1 sample

1.5 Test Duration

Date of Receipt of Application: June 12, 2024
Date of Test: June 12, 2024 ~ June 14, 2024

1.6 Test Uncertainty

Conducted Emissions Uncertainty =3.6dB
Radiated Emissions Uncertainty =4.7dB

1.7 Test or witness Engineer

The sample tested by

Print Name: Leo Lau

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2.0 List of Measurement Equipment

2.1 Conducted Emission Test

Name	Model No.	Serial No.	Manufacturer	Calibration Date	Calibration Cycle
EMI Test Receiver	ESCS 30	834115/006	RS	2023.07.14	1Year
LISN	NNB42	00012	SCHAFFNER	2023.07.14	1Year

2.2 Radiated Disturbance Test

Name	Model No	Serial No.	Manufacturer	Calibration Date	Calibration Cycle
EMI Test Receiver	ESPI 3	100379	RS	2023.07.14	1Year
Spectrum Analyzer	E4407B	MY50441392	HP/Agilent	2023.07.14	1Year
Amplifier	BBV9743	#218	HP/Agilent	2023.07.14	1Year
Bilog Antenna	VULB9163	9163/340	Schwarebeck	2022.07.18	3Year
Horn Antenna	BBHA 9120D	9120D-631	RS	2022.07.18	3Year
Amplifier	8449B	3008A00160	HP/Agilent	2023.07.14	1Year

2.3 Harmonic & Flicker Test

Name	Model No.	Serial No.	Manufacturer	Calibration Date	Calibration Cycle
Harmonics Flicker Test System	PACS-1	72305	CI	2023.07.14	1Year
5K VA AC Power Source	5001iX	56060	CI	2023.07.14	N/A

2.4 ESD Test

Name	Model No.	Serial No.	Manufacturer	Calibration Date	Calibration Cycle
ESD Simulator	DITO	0404-24	EM TEST	2023.07.14	1Year

2.5 RF field Strength Susceptibility

Name	Model No.	Serial No.	Manufacturer	Calibration Date	Calibration Cycle
Signal Generator	SMT03	100059	RS	2023.07.14	1Year
Power Meter	NRVS	---	RS	2023.07.14	1Year
Voltage Probe	URV5-Z2	100012	RS	2023.07.14	1Year
Voltage Probe	URV5-Z2	100013	RS	2023.07.14	1Year

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Power Amplifier	150W1000	300999	AR	2023.07.14	1Year
Power Amplifier	25S1G4AM1	305993	AR	2023.07.14	1Year
Field Probe	CBL6111C	2576	Holaday	2023.07.14	1Year
Bilog Antenna	MCDC	---	Chase	2023.07.14	1Year

2.6 Electrical Fast Transient/Burst (EFT/B) Immunity test

Name	Model No.	Serial No.	Manufacturer	Calibration Date	Calibration Cycle
EFT Generator	UCS 500 M4	0304-42	EM TEST	2023.07.14	1Year
Power Source	MV2616	0104-14	EM TEST	2023.07.14	1Year

2.7 Surge Test

Name	Model No.	Serial No.	Manufacturer	Calibration Date	Calibration Cycle
Ultra Compact Simulator	UCS 500 M4	0304-42	EM TEST	2023.07.14	1Year
Power Source	MV2616	0104-14	EM TEST	2023.07.14	1Year

2.8 Conducted Immunity Test

Name	Model No.	Serial No.	Manufacturer	Calibration Date	Calibration Cycle
Continuous Wave Simulator	CWS 500C	0407-05	EM TEST	2023.07.14	1 Year

2.9 Power-frequency Magnetic Field

Name	Model No.	Serial No.	Manufacturer	Calibration Date	Calibration Cycle
Continuous Wave Simulator	UCS 500 M4	0304-42	EM TEST	2023.07.14	1 Year
Power Source Network	MV 2616	0104-14	EM TEST	2023.07.14	1 Year
Current Transformer	MC2630	--	EM TEST	2023.07.14	1 Year
Magnetic Coil	MS100	0304-42	EM TEST	2023.07.14	1 Year

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2.10 Voltage Dips/Interruption Immunity Test

Name	Model No.	Serial No.	Manufacturer	Calibration Date	Calibration Cycle
Ultra Compact Simulator	UCS 500 M4	0304-42	EM TEST	2023.07.14	1Year
Power Source	MV2616	0104-14	EM TEST	2023.07.14	1Year

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3.0 Technical Details

3.1 Investigations Requested

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

3.2 Test Standards

Test Standards	
EN IEC 55015:2019 +A11:2020	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
EN IEC 61000-3-2: 2019+A1:2021	Electromagnetic compatibility(EMC)- Part 3-2:Limits-Limits for harmonic current emissions(equipment input current $\leq 16A$ per phase)
EN 61000-3-3:2013 +A2:2021+AC:2022-01	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 $\leq 16A$ per phase and not subject to conditional connection
EN IEC 61547:2023	Equipment for general lighting purposes—EMC immunity requirements
	EN 61000-4-2:2009 Electrostatic discharge
	EN IEC 61000-4-3:2020 RF field strength susceptibility
	EN 61000-4-4:2012 Electrical Fast transients
	EN 61000-4-5:2014 Surge
	EN 61000-4-6:2014 Conducted susceptibility
	EN 61000-4-8:2010 Magnetic Field
	EN IEC 61000-4-11: 2020 Dips/Voltage Interruption Variation

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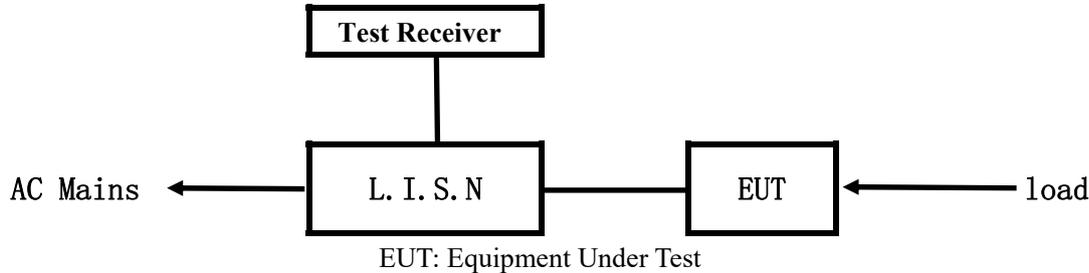
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4.0 Disturbance Voltage Test

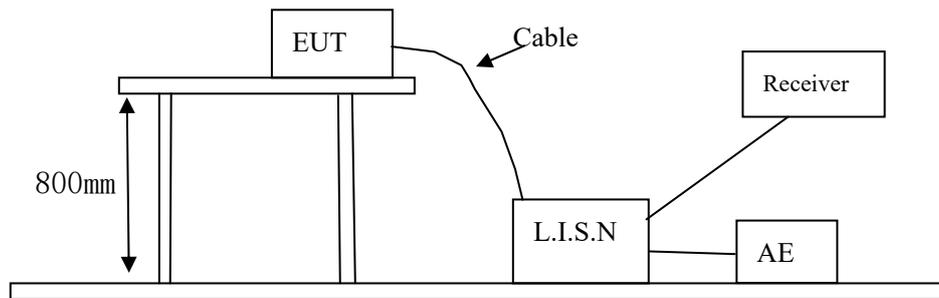
4.1 Schematics of the test



4.2 Test Method:

The test was performed in accordance with EN IEC 55015:2019+A11:2020

Block diagram of Test setup



4.3 Disturbance Voltage Limits

A Disturbance Voltage Limits at mains terminals

Frequency(MHz)	Limits dB(μ V)	
	Quasi-peak Level	Average Level
9kHz to 50kHz	110	--
50kHz to 150kHz	90 to 80	--
150kHz to 0.5MHz	66 to 56	56 to 46
0.5MHz to 5.0MHz	56	46
5.0MHz to 30.0MHz	60	50

Notes: 1. decreasing linearly with logarithm of the frequency in the range 50kHz to 150kHz and 150kHz to 0.5MHz.

2. The lower limit shall apply at the transition frequencies

B Disturbance Voltage Limits at load terminals

Frequency(MHz)	Limits dB(μ V)	
	Quasi-peak Level	Average Level

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0.15MHz to 0.50MHz	80	70
0.50MHz to 30MHz	74	64

*At the transition frequency, the lower limit applies.

C Disturbance Voltage Limits at Control terminals

Frequency(MHz)	Limits dB(μ V)	
	Quasi-peak Level	Average Level
0.15MHz to 0.50MHz	84 to 74	74 to 64
0.50MHz to 30MHz	74	64

* The limits decrease linearly with the logarithm of the frequency in the range 0.15MHz to 0.5MHz

4.4 Test Results

N/A

Limits for Conducted Emission test, Please refer to limit line (Quasi-peak) in the following diagram labelled as (QP)

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5.0 Magnetic Field Test

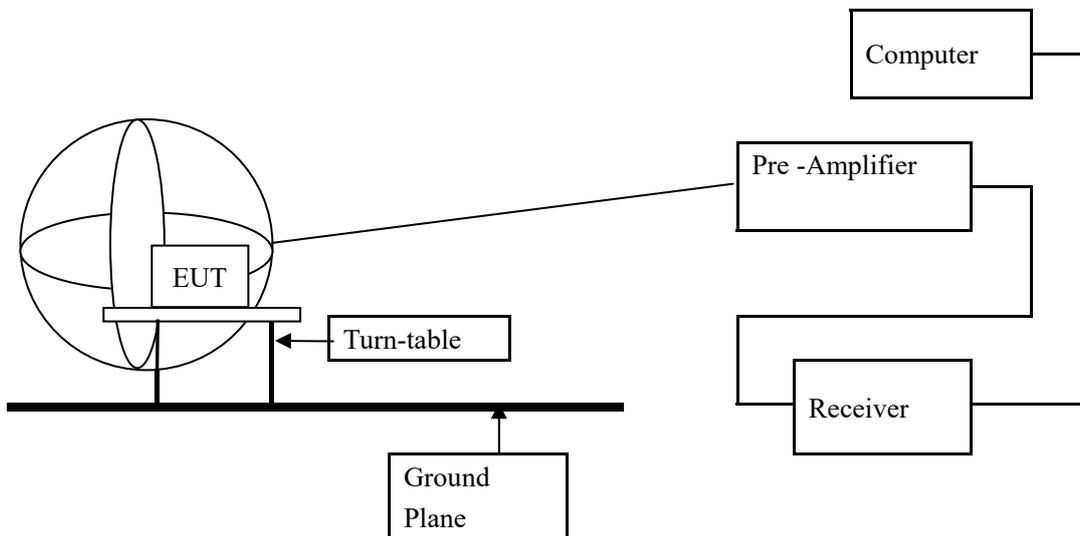
5.1 Schematics of the test



5.2 Test Method:

The test was performed in accordance with EN IEC 55015:2019+A11:2020

Block diagram of Test setup



5.3 Radiated electromagnetic disturbances Limits

Frequency Range (MHz)	Limits for loop diameter (dB μ A)		
	2m	3m	4m
9kHz to 70kHz	88	81	75
70kHz to 150kHz	88 to 58	81 to 51	75 to 45
150kHz to 3.0MHz	58 to 22	51 to 15	45 to 9
3.0MHz to 30MHz	22	15 to 16	9 to 12

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

2. Decreasing linearly with the logarithm of the frequency.

3. Increasing linearly with the logarithm of the frequency.

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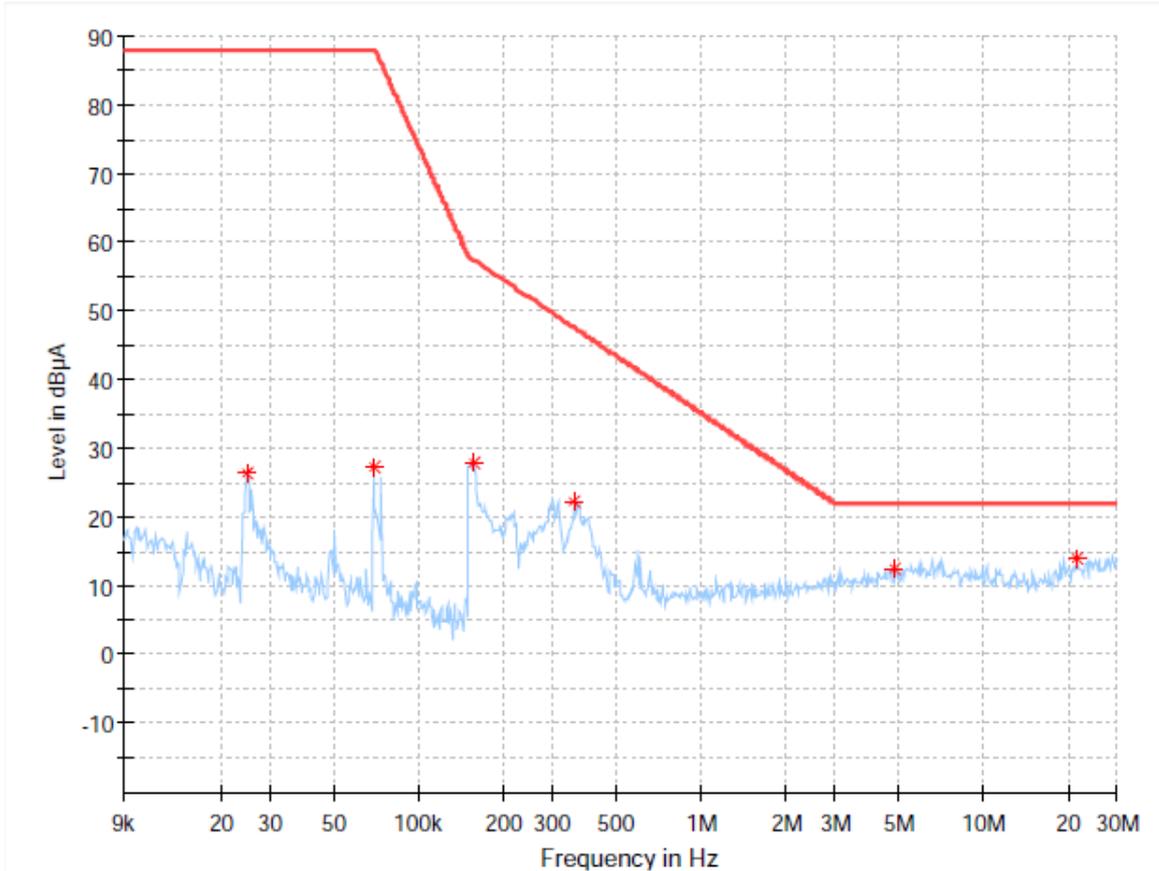


5.4 Magnetic Field Test in X (9kHz to 30MHz)

EUT set Condition: ON

Results: Pass

Please refer to following diagram for individual



Critical Freqs

Frequency (MHz)	MaxPeak (dBµA)	Limit (dBµA)	Margin (dB)	Corr. (dB)
0.024587	26.53	88.00	61.47	6.0
0.069203	27.17	88.00	60.83	6.0
0.157652	27.91	57.40	29.49	6.0
0.356493	22.39	47.60	25.21	6.0
4.833381	12.56	22.00	9.44	6.1
21.715930	14.06	22.00	7.94	6.2

Final Result

Frequency (MHz)	QuasiPeak (dBµA)	Limit (dBµA)	Margin (dB)	Corr. (dB)
---	---	---	---	---

The test data shows much less than the limit, no necessary take the results.

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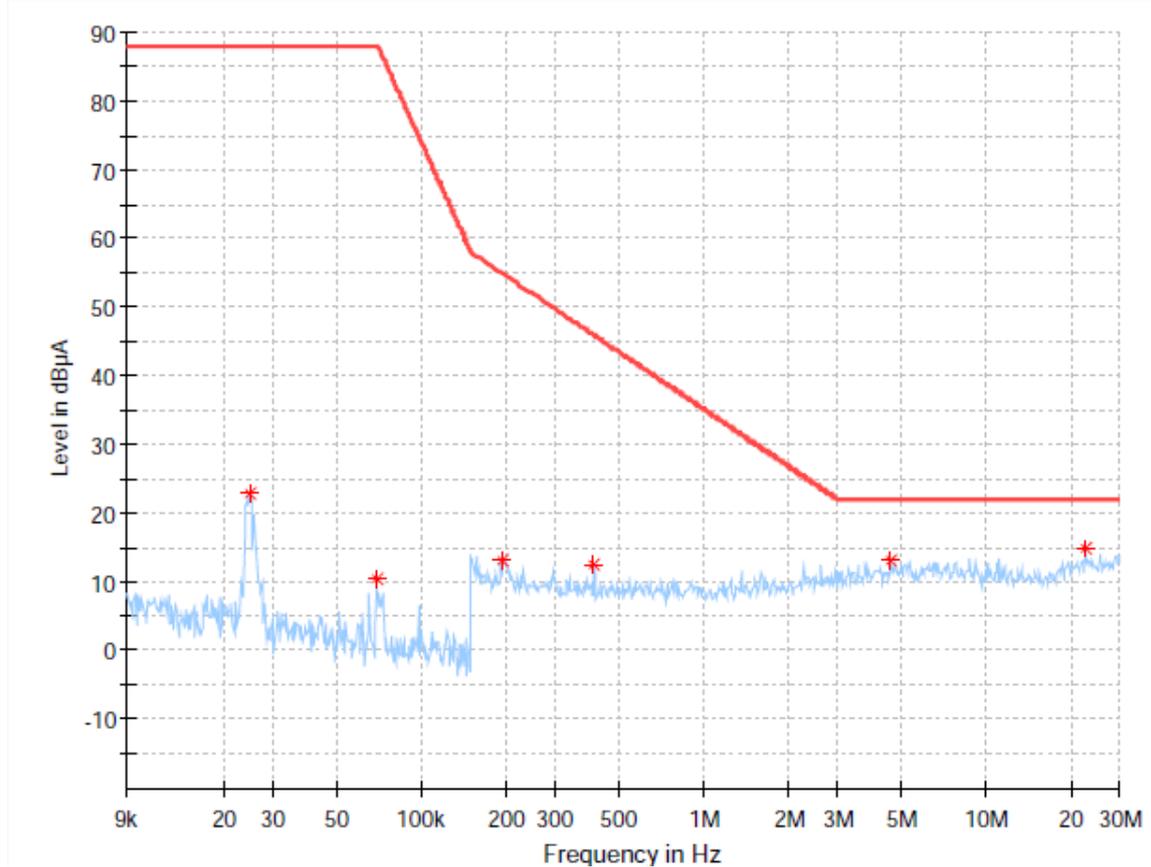


Magnetic Field Test in Y (9kHz to 30MHz)

EUT set Condition: ON

Results: Pass

Please refer to following diagram for individual



Critical Freqs

Frequency (MHz)	MaxPeak (dBµA)	Limit (dBµA)	Margin (dB)	Corr. (dB)
0.024587	22.87	88.00	65.13	6.0
0.069203	10.50	88.00	77.50	6.0
0.194289	13.06	54.89	41.83	6.0
0.409780	12.38	45.92	33.54	6.0
4.644784	13.21	22.00	8.79	6.1
22.597684	14.82	22.00	7.18	6.2

Final Result

Frequency (MHz)	QuasiPeak (dBµA)	Limit (dBµA)	Margin (dB)	Corr. (dB)
---	---	---	---	---

The test data shows much less than the limit, no necessary take the results.

The report refers only to the sample tested and does not apply to the bulk.

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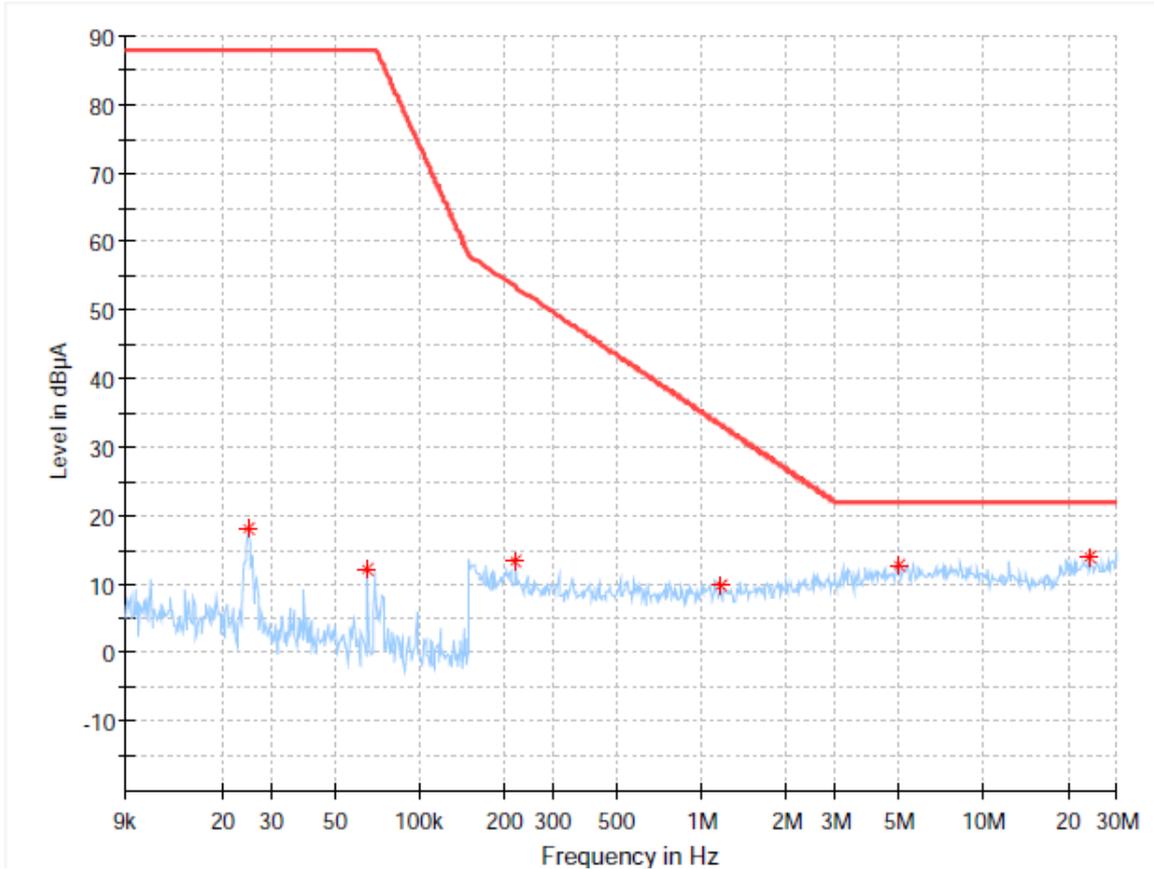


Magnetic Field Test in Z (9kHz to 30MHz)

EUT set Condition: ON

Results: Pass

Please refer to following diagram for individual



Critical Freqs

Frequency (MHz)	MaxPeak (dBµA)	Limit (dBµA)	Margin (dB)	Corr. (dB)
0.024587	18.00	88.00	70.00	6.0
0.065192	12.26	88.00	75.74	6.0
0.218929	13.50	53.46	39.96	6.0
1.176565	9.85	33.25	23.39	6.0
5.029635	12.91	22.00	9.09	6.1
23.750393	14.15	22.00	7.85	6.2

Final Result

Frequency (MHz)	QuasiPeak (dBµA)	Limit (dBµA)	Margin (dB)	Corr. (dB)
---	---	---	---	---

The test data shows much less than the limit, no necessary take the results.

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6.0 Radiated Disturbance Test

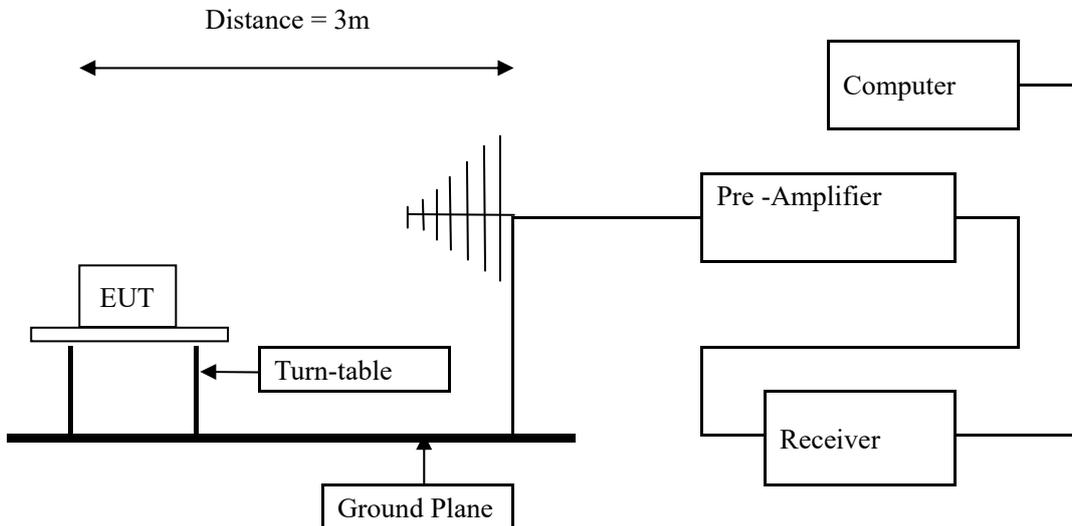
6.1 Schematics of the test



6.2 Test Method:

The test was performed in accordance with EN IEC 55015:2019+A11:2020

Block diagram of Test setup



6.3 Power line conducted Emission Limit

Frequency Range (MHz)	Quasi-Peak limits (dB μ V/m)
30-230	40.00
230-1000	47.00

Note: The lower limit shall apply at the transition frequencies

6.4 Test result

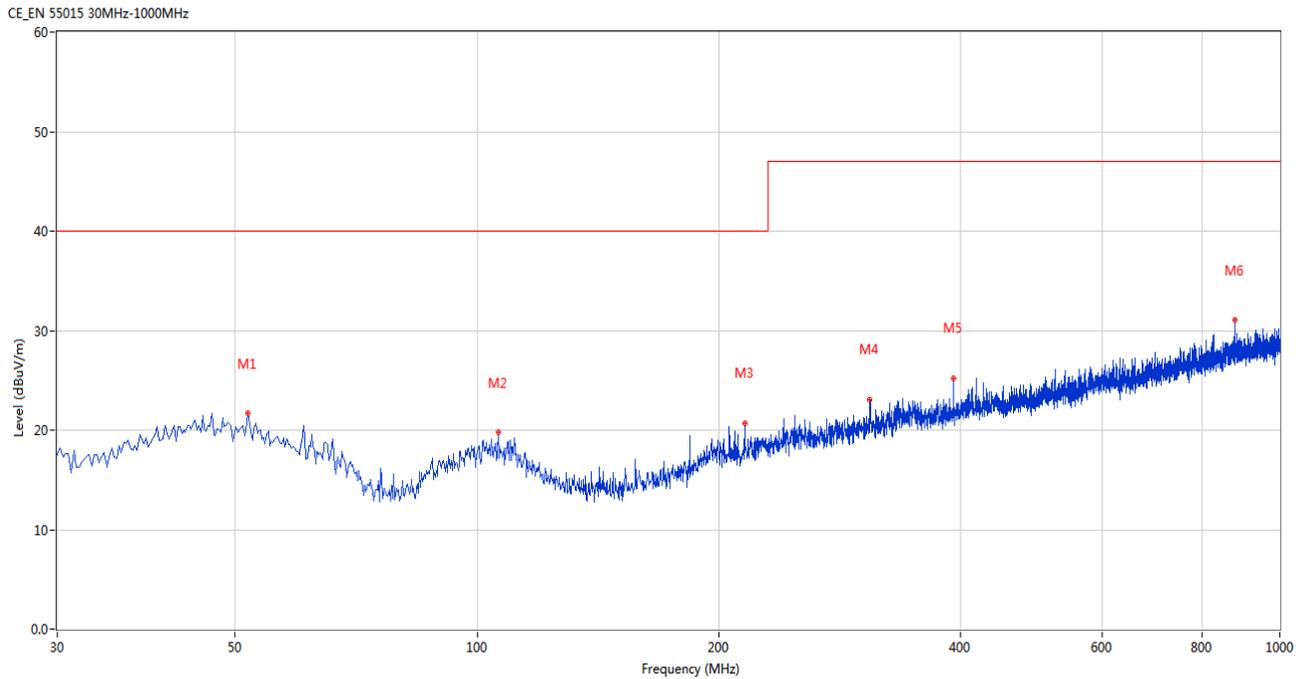
Please refer to following table

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A: Radiated Disturbance (30MHz----1GHz)

Project Number:	CASE1	Test Time:	2024-06-14_09.26.55
EUT Name:	STROLLER SAFETY LIGHTS	Test Engineer:	JERRY
Manufacturer:	Xplorys B.V.	Test Standard:	EN 55015
Model:	5728141	Work Addition:	ON
Temp.(°C):	25	Load:	
Hum.:	65%	Charger:	DC 3V



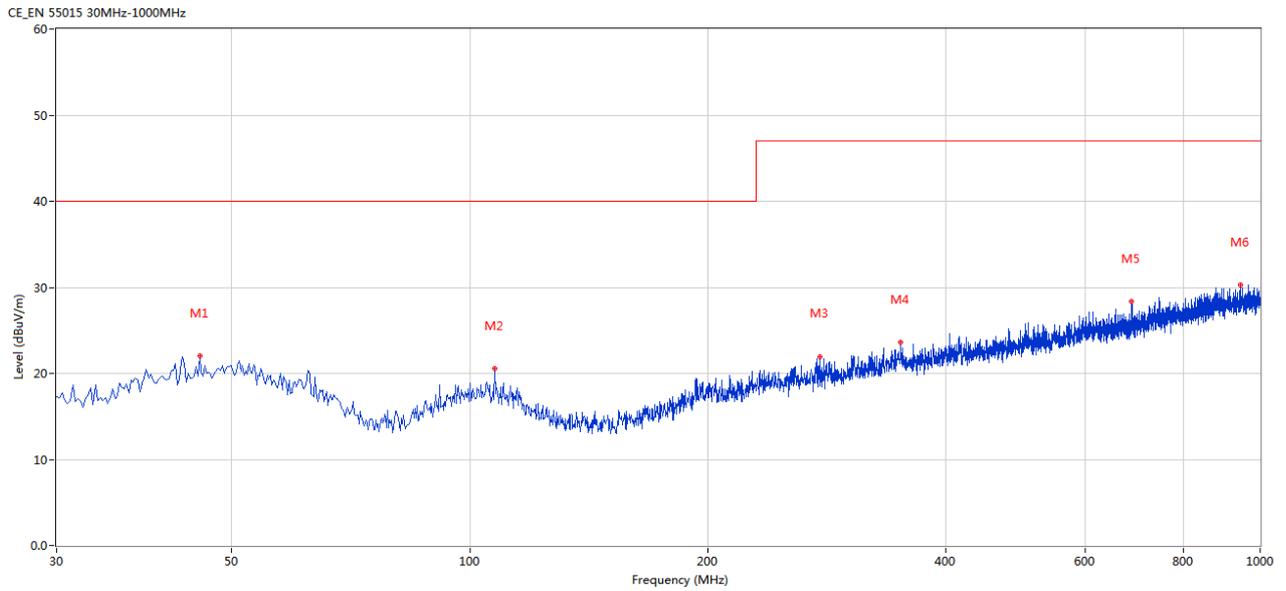
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	51.820	21.72	-11.85	40.0	18.28	Peak	236.00	100	Horizontal	Pass
2	106.368	19.73	-13.97	40.0	20.27	Peak	150.00	100	Horizontal	Pass
3	215.466	20.71	-14.50	40.0	19.29	Peak	215.00	100	Horizontal	Pass
4	308.563	23.08	-11.92	47.0	23.92	Peak	241.00	100	Horizontal	Pass
5	392.447	25.24	-10.16	47.0	21.76	Peak	123.00	100	Horizontal	Pass
6	879.265	31.03	-3.87	47.0	15.97	Peak	261.00	100	Horizontal	Pass

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B: Radiated Disturbance (30MHz----1GHz)

Project Number:	CASE1	Test Time:	2024-06-14_09.28.15
EUT Name:	STROLLER SAFETY LIGHTS	Test Engineer:	JERRY
Manufacturer:	Xplorys B.V.	Test Standard:	EN 55015
Model:	5728141	Work Addition:	ON
Temp.(°C):	25	Load:	
Hum.:	65%	Charger:	DC 3V



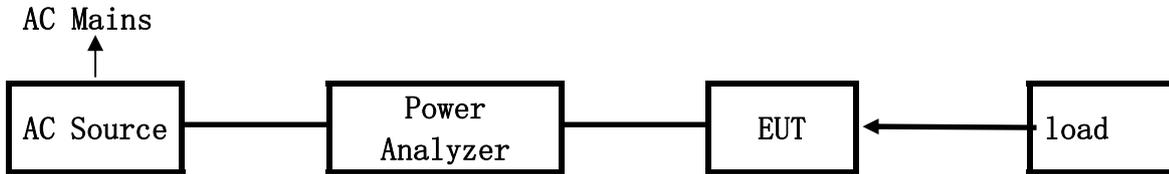
No.	Frequency (MHz)	Results (dBuV/m)	Factor (dB)	Limit (dBuV/m)	Margin (dB)	Detector	Table (Degree)	Height (cm)	Antenna	Verdict
1	45.516	21.98	-11.78	40.0	18.02	Peak	243.00	100	Vertical	Pass
2	107.581	20.56	-14.04	40.0	19.44	Peak	349.00	100	Vertical	Pass
3	277.046	21.95	-12.53	47.0	25.05	Peak	43.00	100	Vertical	Pass
4	350.505	23.61	-10.43	47.0	23.39	Peak	304.00	100	Vertical	Pass
5	687.253	28.39	-5.98	47.0	18.61	Peak	40.00	100	Vertical	Pass
6	943.027	30.26	-3.63	47.0	16.74	Peak	69.00	100	Vertical	Pass

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7.0 Voltage Fluctuations & Flicker Test

7.1 Schematic of the test



EUT: Equipment Under Test

7.2 Test Method:

The test was performed in accordance with EN 61000-3-3:2013+A2:2021+AC:2022-01

7.3 Test Results

Result: N/A

The report refers only to the sample tested and does not apply to the bulk.

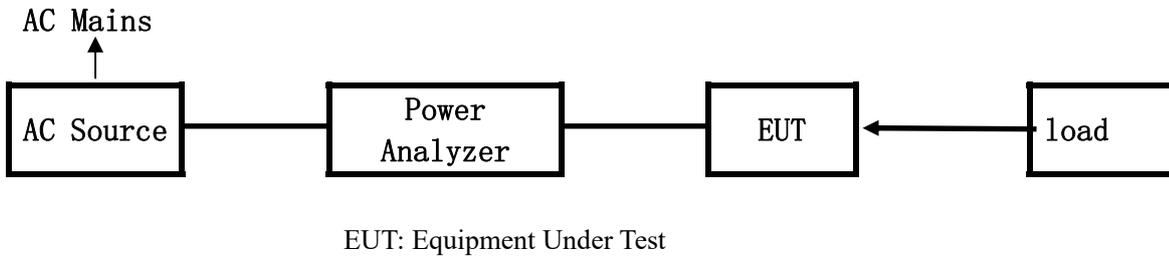
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8.0 Harmonic Current Emission Test

8.1 Schematic of the test



8.2 Test Method

The test was performed in accordance with EN IEC 61000-3-2:2019+A1:2021

8.3 Test Results: N/A

The report refers only to the sample tested and does not apply to the bulk.

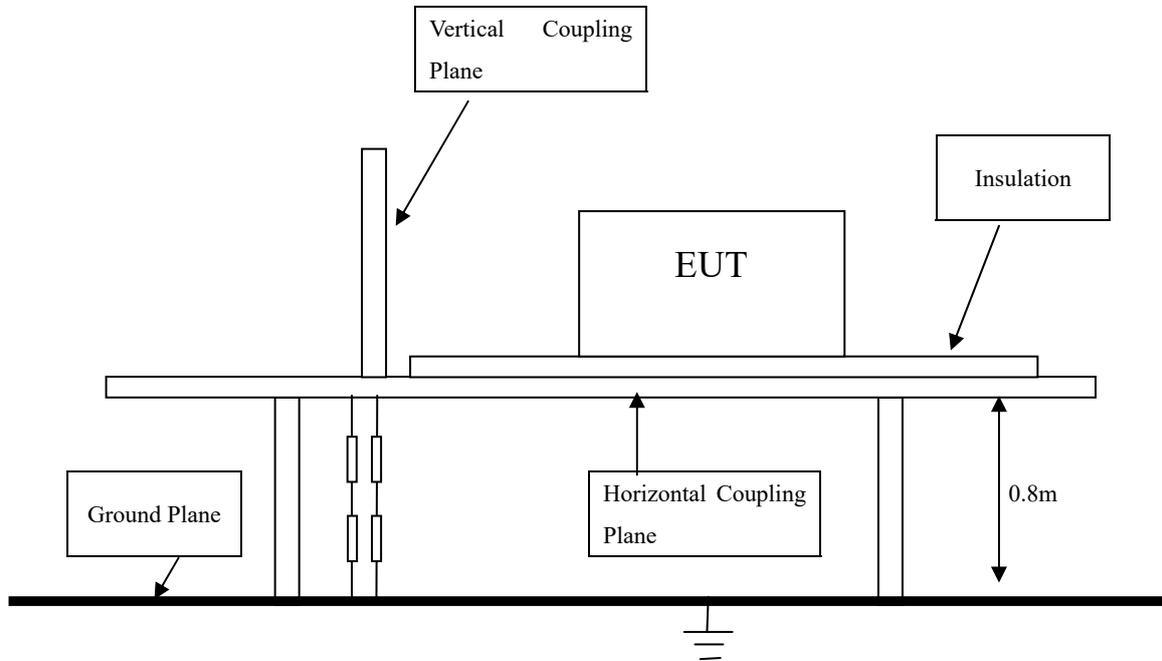
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9.0 Electrostatic Discharge

9.1 Schematic of the test



9.2 Test method

The test was performed in accordance with EN 61000-4-2:2009

9.3 Test severity

±4kV for direct & in-direct Contact Discharge

±8kV for air Discharge

Performance Criterion Require: B (Please see following table)

9.4 Susceptibility performance Criteria and Severity level

A	Normal performance within the specification limits
B	Temporary degradation or loss of function or performance which is self recoverable
C	Temporary degradation or loss of function or performance which requires operator intervention or system reset
D	Degradation or loss of function which is not recoverable due to damage of equipment(components) or software, or loss of data

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Severity Level

Level	Test Voltage Direct & in-direct contact Discharge (kV)	Test Voltage Air discharge(kV)
1	±2kV	±2kV
2	±4kV	±4kV
3	±6kV	±8kV
4	±8kV	±15kV

9.5 Test Result

Please refer to the following table for individual results.

Location	Discharge Method	Test Voltage	Results
HCP (Horizontal coupling plane)	In-Direct	±2kV, ±4kV	Pass
VCP (Vertical Coupling plane)	In-Direct	±4kV, ±4kV	Pass
Enclosure	Contact Discharge	±2kV, ±4kV	Pass
Enclosure	Air Discharge	±2kV, ±4kV, ±8kV	Pass
Keys	Air Discharge	±2kV, ±4kV, ±8kV	Pass
Gaps	Air Discharge	±2kV, ±4kV, ±8kV	Pass

Remark: Calculated measurement uncertainty= 0.2kV

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10.0 RF field strength susceptibility (80MHz----- 1000MHz)

10.1 Schematics of the test



10.2 Test Method:

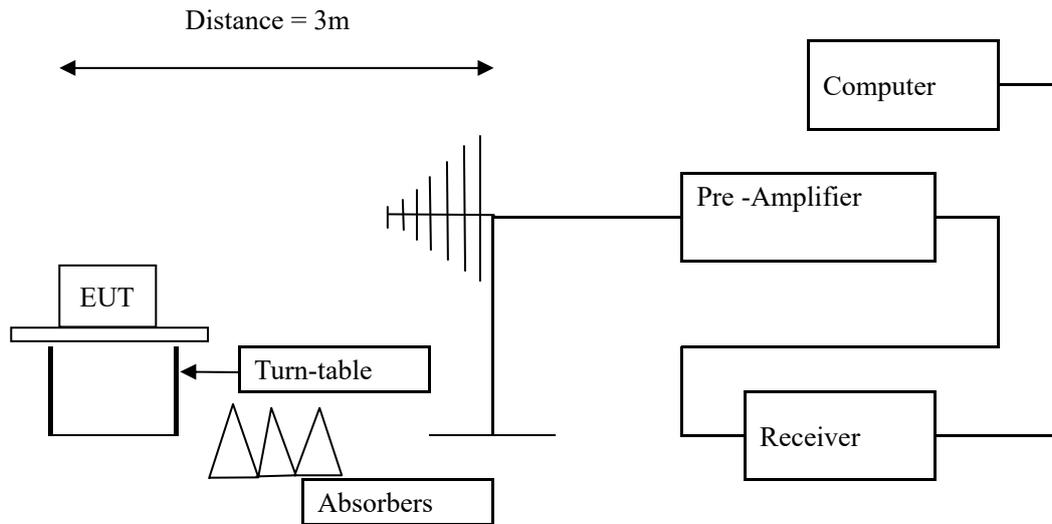
The test was performed in accordance with EN IEC 61000-4-3:2020

Severity: Level 2 (3V/m)

Modulation: 80% AM

Performance Criterion Require: A (Please see following table)

Block diagram of Test setup



10.3 Susceptibility performance Criteria and severity Level

Susceptibility performance Criteria

A	Normal performance within the specification limits
B	Temporary degradation or loss of function or performance which is self recoverable
C	Temporary degradation or loss of function or performance which requires operator intervention or system reset
D	Degradation or loss of function which is not recoverable due to damage of equipment(components) or software, or loss of data

Severity Level

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Level	Field Strength (V/m)
1	1
2	3
3	10

10.4 Test Result:

Please refer to the following table for individual results.

Frequency (MHz)	Face	Polarity	Level (V/m)	Dwell Time(s)	Sweep Rate (%)	Results
80-1000	0°	Horizontal	3	1	1	Pass
80-1000	90°	Horizontal	3	1	1	Pass
80-1000	180°	Horizontal	3	1	1	Pass
80-1000	270°	Horizontal	3	1	1	Pass
80-1000	0°	Vertical	3	1	1	Pass
80-1000	90°	Vertical	3	1	1	Pass
80-1000	180°	Vertical	3	1	1	Pass
80-1000	270°	Vertical	3	1	1	Pass

Remark: Calculated measurement uncertainty= 80MHz to 1000MHz (+3.7/ -1.3) V/m

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

11.1 Schematics of the test



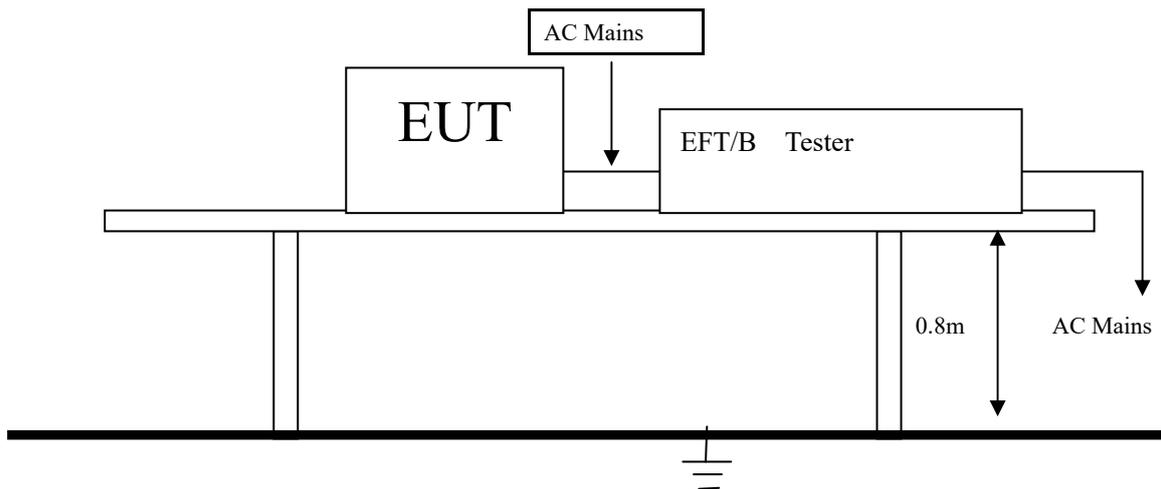
11.2 Test Method

The test was performed in accordance with EN 61000-4-4: 2012

Severity: Level 2 (1kV)

Performance Criterion Require: B (Please see following table)

Block diagram of Test setup



11.3 Susceptibility performance Criteria and Severity Level

Susceptibility performance Criteria

A	Normal performance within the specification limits
B	Temporary degradation or loss of function or performance which is self recoverable
C	Temporary degradation or loss of function or performance which requires operator intervention or system reset
D	Degradation or loss of function which is not recoverable due to damage of equipment(components) or software, or loss of data

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Severity Level

Open Circuit output Test Voltage $\pm 10\%$		
Level	On power Supply Lines	On I/O (Input/output) Signal data and control lines
1	0.5kV	0.5kV
2	1kV	1kV
3	2kV	2kV
4	4kV	4kV
X	Special	Special

11.4 Test Results

Please refer to following page.

Inject location:

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
PE	± 1	120	Direct	N/A
L-PE	± 1	120	Direct	N/A
N-PE	± 1	120	Direct	N/A
L-N-PE	± 1	120	Direct	N/A

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12.0 Surge test

12.1 Schematics of the test

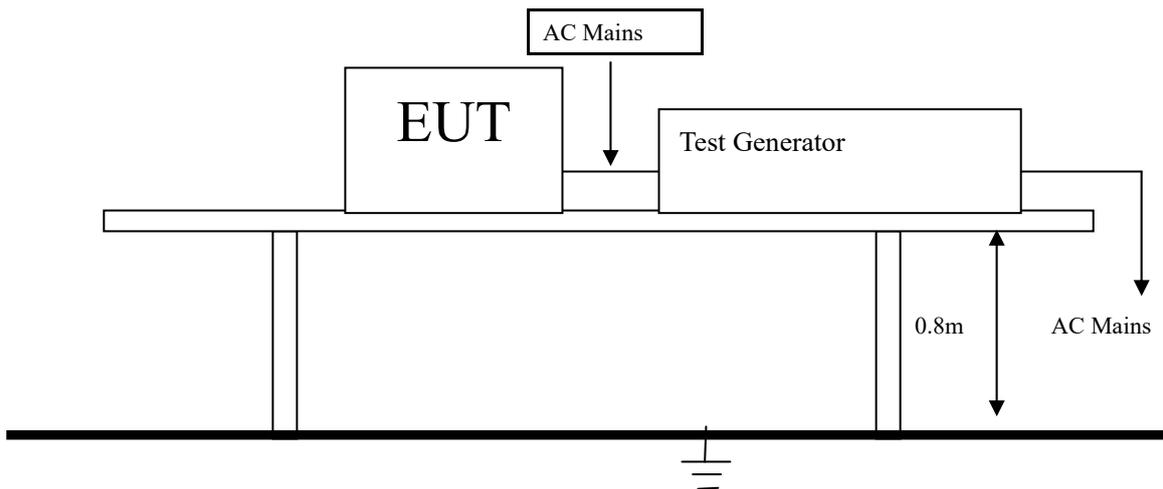


12.2 Test Method:

The test was performed in accordance with EN 61000-4-5:2014
 Severity: Level 2 (Below 25W Line to Neutral at 0.5kV)

Performance Criterion Require: C (Please see following table)

Block diagram of Test setup



12.3 Susceptibility performance Criteria and Severity Level

Susceptibility performance Criteria

A	Normal performance within the specification limits
B	Temporary degradation or loss of function or performance which is self recoverable
C	Temporary degradation or loss of function or performance which requires operator intervention or system reset
D	Degradation or loss of function which is not recoverable due to damage of equipment(components) or software, or loss of data

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Severity Level

Severity Level	Open-Circuit Test Voltage kV
1	0.5
2	1.0
3	2.0
4	4.0
*	Special

12.4 Test Results

Please refer to following page.

Test location:

Location	Polarity	Phase Angle	No of Pulse	Pulse Voltage(kV)	Results
L-N	+	90	10	1.0	N/A
	-	270	10	1.0	N/A
L, N-PE	+	90	10	2.0	N/A
	-	270	10	2.0	N/A

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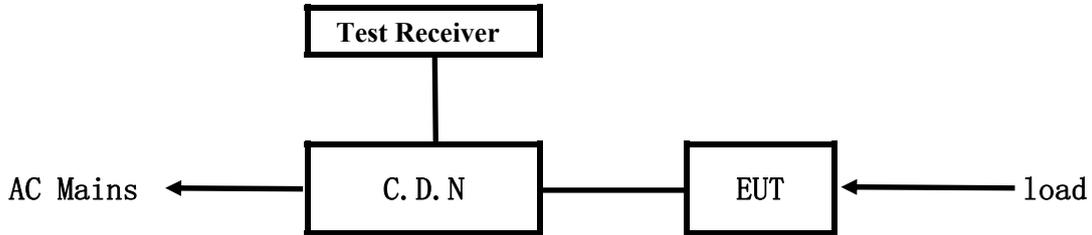
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13.0 Conducted Immunity test

13.1 Schematics of the test



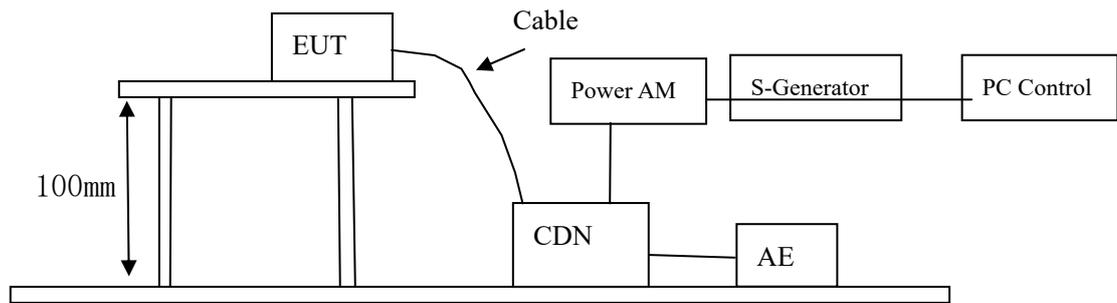
13.2 Test Method

The test was performed in accordance with EN 61000-4-6: 2014

Severity: Level 2 (3 V rms), 0.15MHz—80MHz

Performance Criterion Require: A (Please see following table)

Block diagram of Test setup



13.3 Susceptibility performance Criteria and Severity Level

Susceptibility performance Criteria

A	Normal performance within the specification limits
B	Temporary degradation or loss of function or performance which is self recoverable
C	Temporary degradation or loss of function or performance which requires operator intervention or system reset
D	Degradation or loss of function which is not recoverable due to damage of equipment(components) or software, or loss of data

Severity Level

Severity Level	Field Strength V/m
1	1
2	3
3	10
*	Special

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13.4 Test Results

Please refer to the following page

Frequency Range (MHz)	Injected Position	Strength	Criterion	Result
0.15 - 20	AC Line	3V (rms) Unmodulated	A	N/A
20 - 80	AC Line	3V (rms) Unmodulated	A	N/A

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14.0 Power Frequency magnetic field test

14.1 Schematics of the test



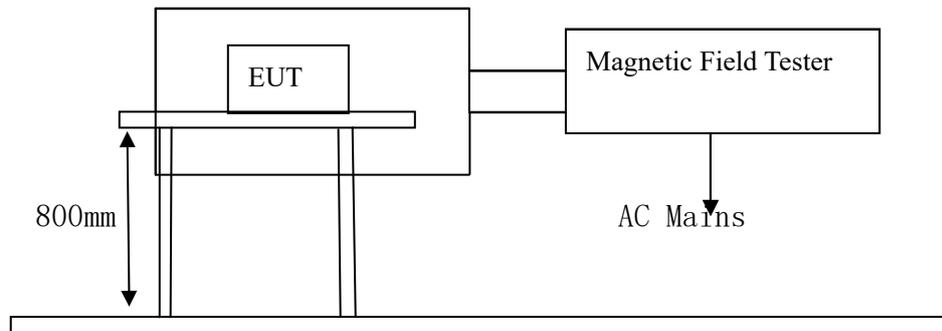
14.2 Test Method

The test was performed in accordance with EN 61000-4-8: 2010

Severity: Level 2 (3A/m)

Performance Criterion Require: A (Please see following table)

Block diagram of Test setup



14.3 Susceptibility performance Criteria and Severity Level

Susceptibility performance Criteria

A	Normal performance within the specification limits
B	Temporary degradation or loss of function or performance which is self recoverable
C	Temporary degradation or loss of function or performance which requires operator intervention or system reset
D	Degradation or loss of function which is not recoverable due to damage of equipment(components) or software, or loss of data

Severity Level

Severity Level	Magnetic Field Strength A/m
1	1
2	3
3	10

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4	30
5	100
*	Special

14.4 Test Results:

Please refer to the following page

Test Level	Testing Duration	Coil Orientation	Criterion	Result
3A/m	5 Mins	X	A	N/A
3A/m	5 Mins	Y	A	N/A
3A/m	5 Mins	Z	A	N/A

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15.0 Voltage Dips/Interruptions immunity test

15.1 Schematics of the test

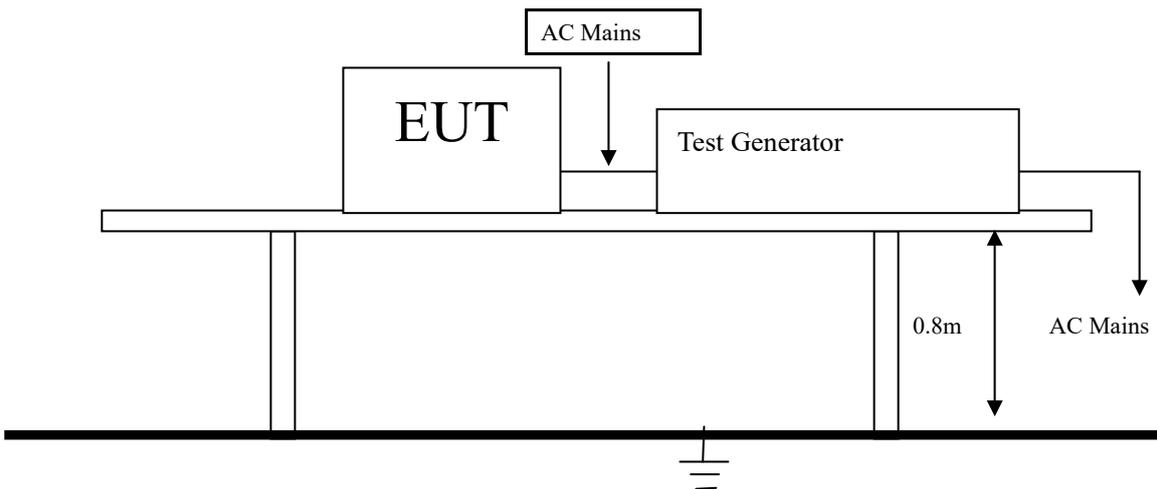


15.2 Test Method:

The test was performed in accordance with EN IEC 61000-4-11: 2020

Performance Criterion Require: C&B (Please see following table)

Block diagram of Test setup



15.3 Susceptibility performance Criteria and Severity Level

Susceptibility performance Criteria

A	Normal performance within the specification limits
B	Temporary degradation or loss of function or performance which is self recoverable
C	Temporary degradation or loss of function or performance which requires operator intervention or system reset
D	Degradation or loss of function which is not recoverable due to damage of equipment(components) or software, or loss of data

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Severity Level

Test Level %Ut	Voltage dip and short interruptions %Ut	Duration(in period)
0	100	0.5 1
40	60	5 10
70	30	25 50 *

15.4 Test Result:

Please refer to the following page

Test Level % Ut	Voltage dips &short interruptions % Ut	Duration(in period)	Phase Angle	Criterion	Result
0	100	0.5P	0° - 360°	B	N/A
70	30	10P	0° - 360°	C	N/A

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16.0 Product Labelling

16.1 CE Mark 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.



16.2 Mark Location: Rear enclosure

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Appendix:

Photograph –Radiated Emission Test Setup



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Photographs – EUT



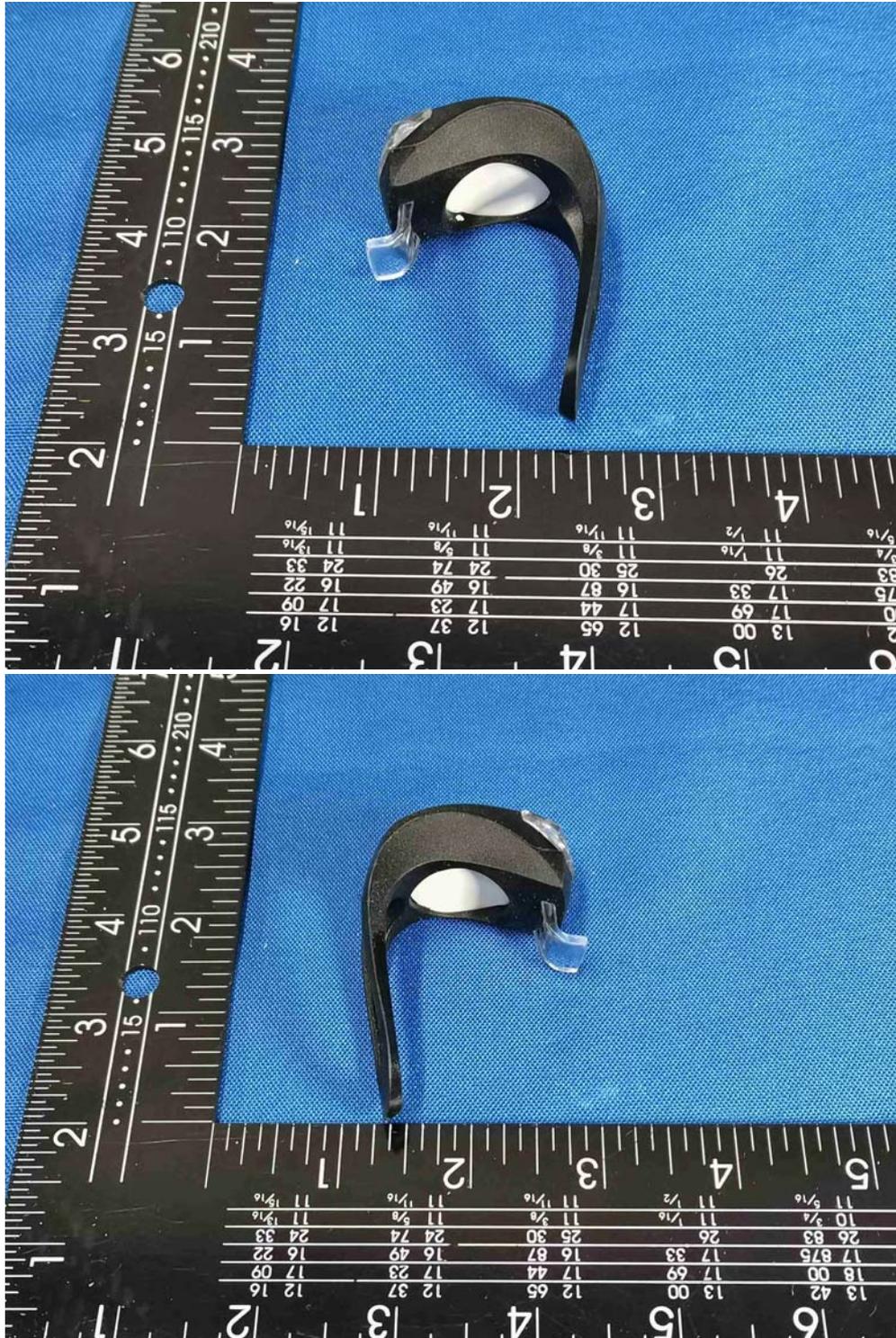
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Photographs – EUT



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Photographs – EUT

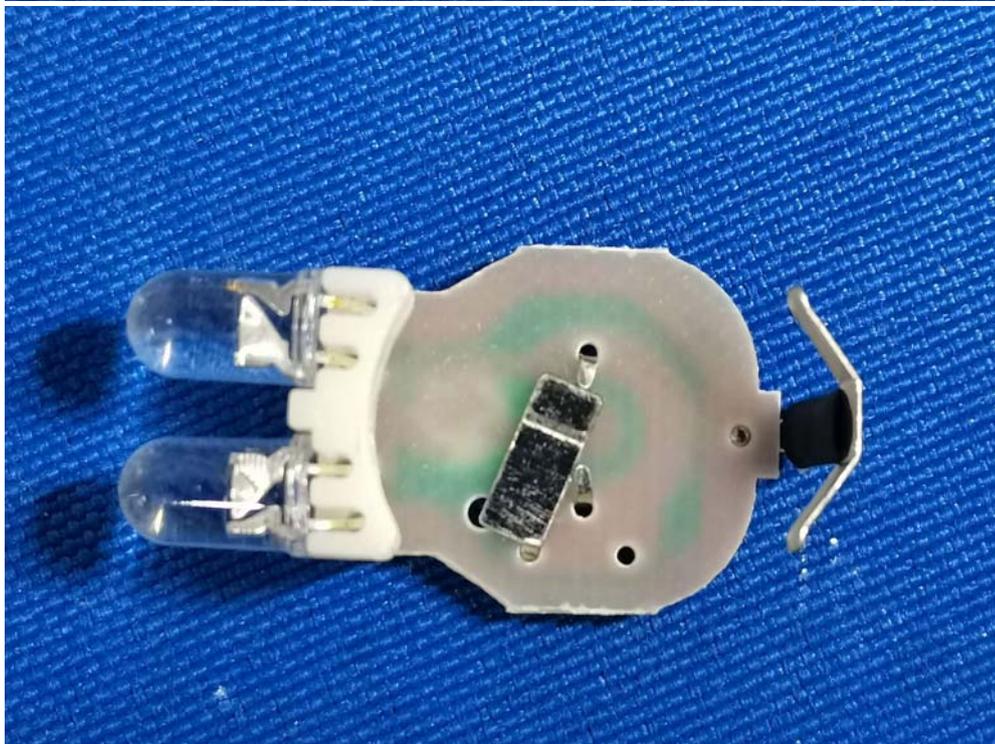
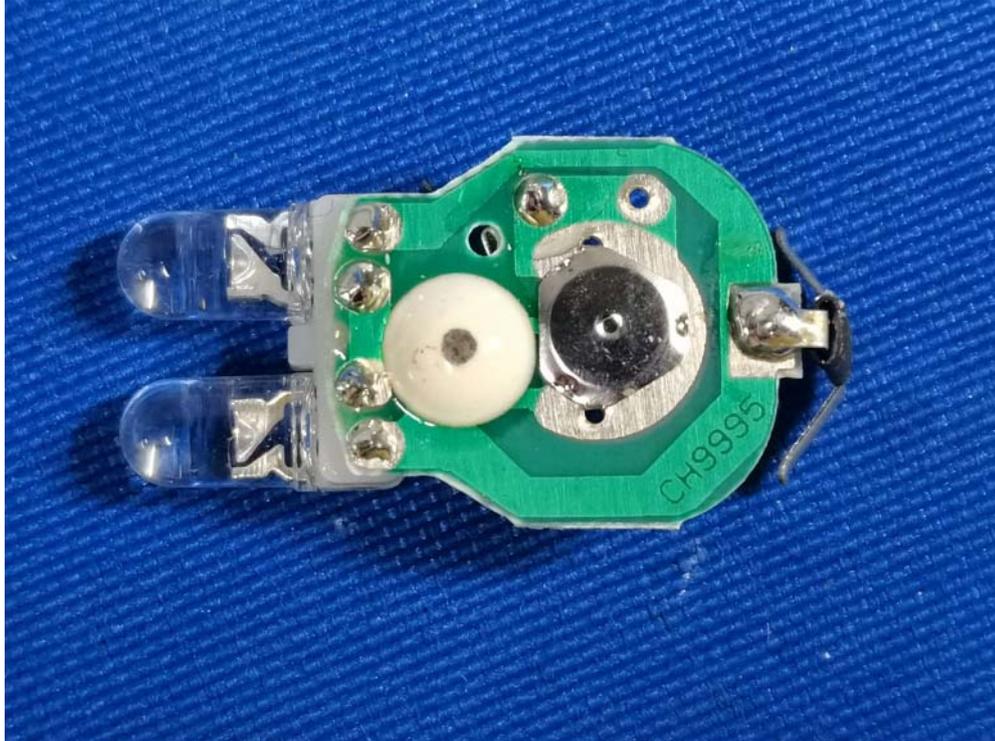


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Photographs – EUT



-End of the report-

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