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EMC TEST REPORT

Sample: LED STRIP

Trade Name: N/A

Main Model: RTR-CAA24-4930

RTR-CAAbb-4dee,RTR-CBBbb-4dee

Additional Model: ("AA"or "BB" stands for product series, "bb"

for input voltage, "d" for color rendering index

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and "ee" for color temperature).

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Prepared for

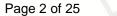
RTR LED Limited

6/F, Blg.5, Jinhuanyu Science & Technology Park, Guangming, Shenzhen

Prepared by

Shenzhen United Testing Technology Co., Ltd.

2F, Annex Bldg, Jiahuangyuan Tech Park, #365 Baotian 1 Rd, Tiegang Community, Xixiang Str, Bao'an District, Shenzhen, China





TEST RESULT CERTIFICATION

Applicant RTR LED Limited

| Address: | 6/F, Blg.5, Jinhuanyu Science & Technology Park, Guangming, Shenzhen |
|-----------------------------|--|
| Manufacturer: | RTR LED Limited |
| Address: | 6/F, Blg.5, Jinhuanyu Science & Technology Park, Guangming, Shenzhen |
| Product description | |
| Product | LED STRIP |
| Trade Name: | N/A |
| Model Name: | RTR-CAA24-4930, RTR-CAAbb-4dee,RTR-CBBbb-4dee("AA" of "BB" stands for product series, "bb" for input voltage, "d" for color rendering index and "ee" for color temperature). |
| Standards | EN IEC 55015:2019/A11:2020 EN 61547:2009 |
| | |
| Date of Test | <u>.</u> |
| | |
| Date of Issue | |
| Test Result | : Pass |
| Prepared by: | kahn.yang |
| | Kahn yang/Editor SM dowy |
| Reviewer: | |
| | Sky dong/Supervisor |
| Approved & Authorized Signe | r: |
| | Liuze/Manager |
| | |





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1 TEST SUMMARY

1.1 TEST RESULTS

Test procedures according to the technical standards:

| EMC Emission | | | | | |
|--|--------------------------------|---------|----------|----------|--|
| Standard | Test Item | Limit | Judgment | Remark | |
| EN IEC | Conducted Emission | Class B | N/A | S | |
| 55015:2019/A11:2020 | Radiated Emission | Class B | PASS | | |
| EN IEC 61000-3-2:2019 | Harmonic Current Emission | \ | N/A | 7. | |
| EN 61000-3-3:2013/A1:20 19 | Voltage Fluctuations & Flicker | | N/A | | |
| | EMC Immunity | | | | |
| Section EN 61547:2009 | I IAST ITAM | | Judgment | Remark | |
| EN 61000-4-2:2009 | Electrostatic Discharge | В | PASS | | |
| EN 61000-4-3:2006 +A1:2008+A2:2010 | RF Electromagnetic Field | Α | PASS | ė, | |
| EN 61000-4-4:2012 | Fast Transients | В | N/A | 10 | |
| EN 61000-4-5:2014 /A1:2017 | Surges | В | N/A | | |
| EN 61000-4-6:2014 | | А | N/A | | |
| EN 61000-4-8:2010 | Power Frequency Magnetic Field | A | N/A |) | |
| EN IEC 61000-4-11:2020/AC:2 020-06 | | B/C | N/A | NOTE (2) | |

Note:

^{(1) &}quot;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

⁽³⁾ For client's request and manual description, the test will not be executed.





1.2 TEST LOCATION

Test Laboratory : Shenzhen United Testing Technology Co., Ltd.

Address : 2F, Annex Bldg, Jiahuangyuan Tech Park, #365 Baotian 1 Rd, Tiegang

Community, Xixiang Str, Bao'an District, Shenzhen, China

1.3 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%.

A. Conducted Measurement:

| Test Site | Method | Measurement Frequency Range | U, (dB) | NOTE |
|-----------|--------------|-----------------------------|---------|------|
| UNI | CISPR 16-4-2 | 9kHz ~ 150kHz | 2.96 | |
| | 1 | 150kHz ~ 30MHz | 2.44 | |

B. Radiated Measurement:

| Test Site | Method | Measurement Frequency Range | U, (dB) | NOTE |
|-----------|--------------|-----------------------------|---------|------|
| UNI | CISPR 16-4-2 | 9kHz ~ 30MHz | 2.50 | 7 |
| | | 30MHz ~ 1000MHz | 4.80 | |
| | 120 | 1000MHz ~ 6000MHz | 4.13 | |



2 GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

The following information of EUT submitted and identified by applicant:

| Product: | LED STRIP |
|----------------------|---|
| Trade Name: | N/A |
| Main Model: | RTR-CAA24-4930 |
| Additional Model: | RTR-CAAbb-4dee,RTR-CBBbb-4dee("AA"or "BB" stands for product series, "bb" for input voltage, "d" for color rendering index and "ee" for color temperature). |
| Model Difference: | All model's the function, software and electric circuit are the same, only with a product color and model named different. Test sample model: RTR-CAA24-4930. |
| Power Source: | DC 24V |
| Product Description: | The EUT is a LED STRIP. Based on the application, features, or specification exhibited in User's Manual, more details of EUT technical specification, please refer to the User's Manual. |

I/O Port Information (⊠Applicable □Not Applicable)

| I/O Port Type | Number | |
|---------------|--------|--|
| Audio | 1 | |

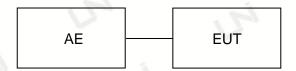


2.2 DESCRIPTION OF THE TEST MODES

| | TEST MODE DESCRIPTION | | | | | |
|------|-----------------------|--|--|--|--|--|
| MODE | TEST MODE DESCRIPTION | | | | | |
| 1 | lighting on | | | | | |

Note: Each of these EUT operation mode(s) or test configuration mode(s) mentioned above was evaluated respectively.

2.3 DESCRIPTION OF TEST SETUP



Note: The EUT tested system was configured as upper figure, unless otherwise a special operating condition is specified in the following during the testing.

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 | Mfr/Brand | Model/Type No. | Note |
|------|-----------|-----------|--------------------|------|
| E-1 | LED STRIP | N/A | N/A RTR-CAA24-4930 | |
| | 4 | | | 1.7 |
| | H . | Á | 6 | |

| Item | Shielded Type | Ferrite Core | Length | Note |
|------|---------------|--------------|--------|------|
| | 141 | - 1 | | |
| | | 13. | 1 12 | i |
| - 1 | | | | |

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" is means "shielded" "with core"; "NO" is means "unshielded" "without core".



2.5 MEASUREMENT INSTRUMENTS LIST

| Item | Equipment | Manufacturer | Model No. | Serial No. | Calibrated until |
|------|-------------------------------------|----------------------------|----------------------|----------------------|------------------|
| 1 | | Conduction Em | issions Measuremer | nt | |
| 1 | Conducted Emission Test Software | EZ-EMC | Ver.CCS-3A1-CE | N/A | N/A |
| 2 | AMN | Schwarzbeck | NNLK8121 | 8121370 | 2021.10.12 |
| 3 | AAN | TESEQ | T8-Cat6 | 38888 | 2021.10.12 |
| 4 | Pulse Limiter | CYBRTEK | EM5010 | E115010056 | 2022.05.18 |
| 5 | EMI Test Receiver | Rohde&Schwarz | ESCI | 101210 | 2021.10.12 |
| | | Radiated Emis | sions Measurement | | i |
| 1 | Radiated Emission Test Software | EZ-EMC | Ver.CCS-03A1 | N/A | N/A |
| 2 | Horn Antenna | Sunol | DRH-118 | A101415 | 2021.10.18 |
| 3 | Broadband Hybrid Antenna | Sunol | JB1 | A090215 | 2022.03.01 |
| 4 | PREAMP | HP | 8449B | 3008A00160 | 2021.10.12 |
| 5 | PREAMP | HP | 8447D | 2944A07999 | 2022.05.18 |
| 6 | EMI Test Receiver | Rohde&Schwarz | ESR3 | 101891 | 2021.10.12 |
| 7 | MXA Signal Analyzer | Keysight | N9020A | MY51110104 | 2021.10.12 |
| 8 | Active Loop Antenna | Com-Power | AL-310R | 10160009 | 2022.05.18 |
| 9 | Horn Antenna | Schwarzbeck | BBHA9120D | 9120D-1680 | 2022.05.18 |
| 10 | Horn Antenna | A-INFOMW | LB-180400-KF | J211060660 | 2021.11.04 |
| 11 | Loop Antenna | Beijing daze Technology | ZN30401 | 13015 | 2021.10.12 |
| 12 | EM Clamp | Schwarzbeck | MDS21 | 03350 | 2021.11.16 |
| | | Harmonic / FI | icker Measurement | n i | |
| 1 | Power Analyzer | California Instrumnets | PACS-1 | X71719 | 2021.11.11 |
| 2 | AC Power Source | California Instrumnets | 5001ix | HK53570 | 2021.11.11 |
| | | Electrostati | c Discharge Test | i | |
| 1 | ESD Generator | EVERFINE | EMS61000-2A | P185811CA837112 1 | 2021.10.19 |
| | | R | S Test | | |
| 1 | Power Meter | Agilent | E4419B | QB4331226 | 2021.10.10 |
| 2 | Power Sensor | Agilent | 8481A | MY41092622 | 2021.10.10 |
| 3 | Power Sensor | Agilent | 8481A | US37296783 | 2021.10.10 |
| 4 | Signal Generator | Agilent | N5182A | MY46240556 | 2021.10.10 |
| 5 | Power Amplifier | MICOTOP | MPA-80-1000-250 | 1711489 | 2021.10.10 |
| 6 | Power Amplifier | MICOTOP | MPA-1000-3000-7 5 | 1711488 | 2021.10.10 |
| 7 | Power Amplifier | MICOTOP | MPA-3000-6000-5 0 | MPA1706275 | 2021.10.10 |
| 8 | Bilog Antenna | TESEQ | CBL6111D | 34678 | 2021.10.10 |
| 9 | Horn Antenna | Schwarzbeck | BBHA9120D | 9120D-1680 | 2022.05.18 |



| Item | Equipment | Manufacturer | Model No. | Serial No. | Calibrated until | | |
|------|--|-----------------------|----------------------|----------------------|------------------|--|--|
| | | Electrical Fast Trans | ient / Burst Immuni | ty Test | 12 | | |
| 1 | EMS Test Control System | Shanghai Lioncel | SCU-614AS | SCU614S0160601 | N/A | | |
| 2 | EFT/B Generator | Shanghai Lioncel | EFT-404S | EFT404S0160601 | 2021.10.12 | | |
| | Surge Test | | | | | | |
| 1 | EMS Test Control System | Shanghai Lioncel | SCU-614AS | SCU614S0160601 | N/A | | |
| 2 | Surge Generator | Shanghai Lioncel | LSG-506S | LSG506S0160601 | 2021.10.12 | | |
| 3 | CDN | Shanghai Lioncel | CDN-532S | CDN532S0160601 | 2021.10.12 | | |
| | | С | S Test | | 4 | | |
| 1 | CS | SCHLODER | CDG-6000-25 | 126A1280/2014 | 2021.10.10 | | |
| 2 | CDN | SCHLODER | CDN-M2+3 | A2210275/2014 | 2021.10.10 | | |
| 3 | EM Clamp | SCHLODER | EMCL-20 | 132A1283 | 2021.10.10 | | |
| 4 | Attenuator | Nemtest | ATT-6DB-100 | A100W224 | 2021.10.10 | | |
| 5 | Audio Analyzer | R&S | UPL | 100419 | 2021.10.10 | | |
| 6 | Universal Radio Communication Tester | R&S | CMW500 | 117239 | 2021.10.10 | | |
| 7 | Universal Radio Communication Tester | R&S | CMU200 | 111764 | 2021.10.10 | | |
| 8 | Audio Analyzer | R&S | UPL | 100689 | 2021.10.10 | | |
| 9 | Audio Breakthrough Shielding Box | SKET | SB_ABT/C35 | N/A | 2021.10.10 | | |
| 10 | Ear Simulator | SKET | AE_ABT/C35 | N/A | 2021.10.10 | | |
| 11 | Mouth Simulator | SKET | AM_ABT/C35 | N/A | 2021.10.10 | | |
| 12 | 1KHz Standard Source | SKET | MSC_ABT/C35 | N/A | 2021.10.10 | | |
| | , ci | Power-frequency | / magnetic fields Te | est | | | |
| 1 | Magnetic Field Test System | Shanghai Lioncel | PMF801C-T | PMF801C-T016070 1 | 2021.11.11 | | |
| | 20 | Voltage dips ar | nd interruptions Tes | st | | | |
| 1 | Voltage SAG Simulator | Shanghai Lioncel | VDS-1101 | VDS11010160601 | 2021.10.12 | | |
| 2 | Adjustable Power Supply | Shanghai Lioncel | RGL-210 | RGL2100151001 | N/A | | |

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3 RADIATED EMISSIONS MEASUREMENT

3.1 RADIATION EMISSION LIMIT

| Frequency | | ☐ 3m | ☐ 4m |
|------------|-----------|-----------|-----------|
| (MHz) | dB(μA) | dB(μA) | dB(μA) |
| 0.009~0.07 | 88 | 81 | 75 |
| 0.07~0.15 | 88 - 58 * | 81 - 51 * | 75 - 45 * |
| 0.15~3.0 | 58 - 22 * | 51 - 15 * | 45 - 9 * |
| 3.0~30.0 | 22 | 15 - 16 * | 9 - 12 * |

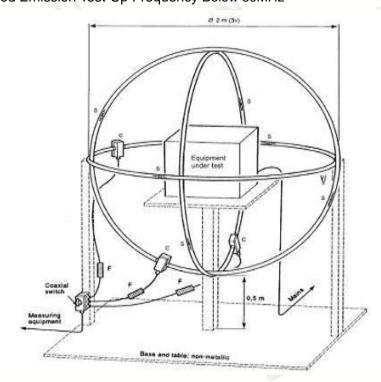
| Frequency | 10m | 3m | |
|-------------|--------------|----|--|
| (MHz) | (MHz) dBuV/m | | |
| 30~230 | 30 | 40 | |
| 230~1000 37 | | 47 | |

Note

- 1. The limit for radiated test was performed according to as following:CISPR 15.
- 2. The tighter limit applies at the band edges.
- 2. Emission level (dBuV/m)=20log Emission level (uV/m).

3.2 TEST SETUP

1. Radiated Emission Test-Up Frequency Below 30MHz

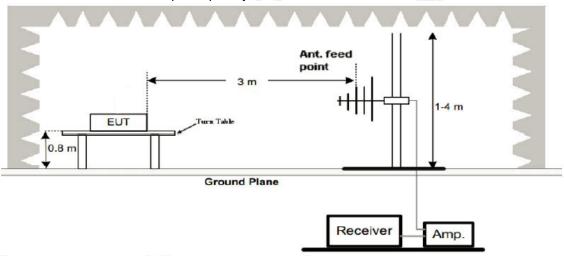


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2. Radiated Emission Test-Up Frequency Above 30MHz



3.3 TEST PROCEDURE

- 1. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 3 meter semi-anechoic chamber room. The table was rotated 360 degrees to determine the position of the highest radiation.
- 2. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- 3. The height of antenna is varied from 1 meter to 4 meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- 4. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- 5. The test-receiver system was set to quasi-peak detect function and specified bandwidth with maximum hold mode when the test frequency is below 1GHz.
- 6. For the actual test configuration, please refer to the related Item EUT Test Photos.

3.4 TEST RESULT

PASS

Below 30MHz Test Results:

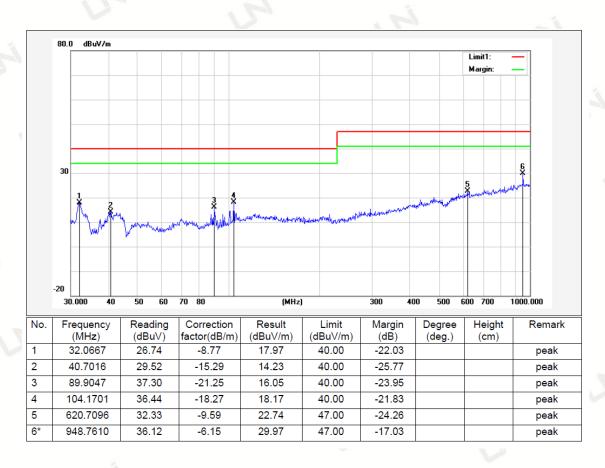
Note: The peak value is too low against the limit, so the test data is not record.



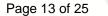


Above 30MHz Test Results:

| Temperature: | 24°C | Relative Humidity: | 48% |
|---------------|---------|--------------------|------------|
| Test Voltage: | DC 24V | Pressure: | 1010hPa |
| Test Mode: | Running | Polarization: | Horizontal |

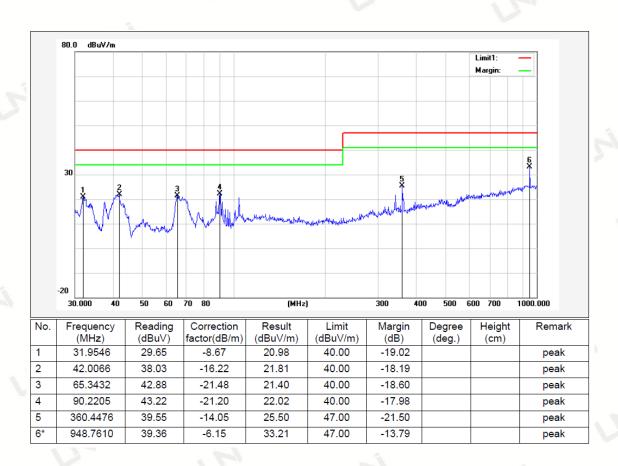


Remark: Absolute Level = Reading Level + Factor, Margin = Absolute Level – Limit Factor = Ant. Factor + Cable Loss – Pre-amplifier





| Temperature: | 24°C | Relative Humidity: | 48% |
|---------------|---------|--------------------|----------|
| Test Voltage: | DC 24V | Pressure: | 1010hPa |
| Test Mode: | Running | Polarization: | Vertical |



Remark: Absolute Level = Reading Level + Factor, Margin = Absolute Level - Limit Factor = Ant. Factor + Cable Loss - Pre-amplifier



4 EMC IMMUNITY TEST

4.1 STANDARD COMPLIANCE/SERVRITY LEVEL/CRITERIA

| Tests Standard No. | TEST SPECIFICATION | Test Mode Test Ports | Perform Criteria |
|-----------------------|--|-------------------------|---------------------|
| ESD | 8kV air discharge 4kV contact discharge | Direct Mode | В |
| EN 61000-4-2 | 4kV HCP discharge 4kV VCP discharge | Indirect Mode | В |
| RS EN 61000-4-3 | 80 MHz to 1000 MHz, 1000Hz, 80%, AM modulated | Enclosure | Α |

4.2 GENERAL PERFORMANCE CRITERIA

According to EN 61547 standard, the general performance criteria as following:

| Criterion A | During the test, no change of the luminous intensity shall be observed and the regulating control, if any, shall operate during the test as intended. |
|-------------|--|
| Criterion B | During the test, the luminous intensity may change to any value. After the test, the luminous intensity shall be restored to its initial value within 1 min. Regulating controls need not function during the test, but after the test, the mode of the control shall be the same as before the test provided that during the test no mode changing commands were given. |
| Criterion C | During and after the test, any change of the luminous intensity is allowed and the lamp(s) may be extinguished. After the test, within 30 min, all functions shall return to normal, if necessary by temporary interruption of the mains supply and/or operating the regulating control. Additional requirement for lighting equipment incorporating a starting device: After the test, the lighting equipment is switched off. After half an hour, it is switched on again. The lighting equipment shall start and operate as intended. |

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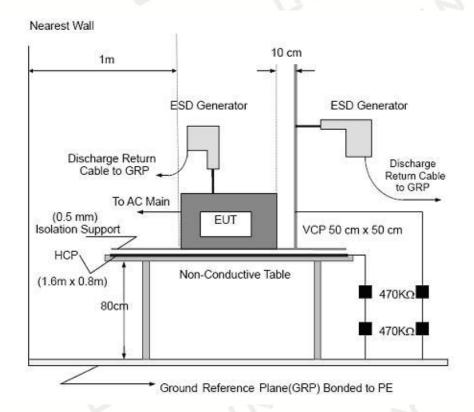


5 ELECTROSTATIC DISCHARGE IMMUNITY TEST (ESD)

5.1 TEST SPECIFICATION

| Basic Standard: | EN 61000-4-2 |
|-----------------------|--|
| Discharge Impedance: | 330 ohm / 150 pF |
| Required Performance: | В |
| 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 |
| | |

5.2 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. 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 $940k\Omega$ total impedance. The equipment under test, was installed in a representative system as described in section 7 of EN 61000-4-2, and its cables were placed on the HCP and isolated by an insulating support of 0.5mm thickness. A distance of 0.8-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 61000-4-2, and its cables were isolated from the Ground Reference Plane by an insulating support of 0.1 meter thickness. The GRP was consisted of a sheet of aluminum that is at least 0.25mm thick, and extended at least 0.5 meters from the EUT on all sides.

5.3 TEST PROCEDURE

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

 Electrostatic discharges were applied only to those points and surfaces of the EUT that are accessible to users during normal operation The test was performed with at least ten single discharges on the pre-selected points in the most sensitive polarity.

The time interval between two successive single discharges was at least 1 second.

The ESD generator was held perpendicularly to the surface to which the discharge was applied and the return cable was at least 0.2 meters from the EUT.

Contact discharges were applied to the non-insulating coating, with the pointed tip of the generator penetrating the coating and contacting the conducting substrate.

Air discharges were applied with the round discharge tip of the discharge electrode approaching the EUT as fast as possible (without causing mechanical damage) to touch the EUT. After each discharge, the ESD generator was removed from the EUT and re-triggered for a new single discharge. The test was repeated until all discharges were complete.

Vertical Coupling Plane (VCP):

The coupling plane, of dimensions 0.5m x 0.5m, is placed parallel to, and positioned at a distance 0.1m from, the EUT, with the Discharge Electrode touching the coupling plane.

The four faces of the EUT will be performed with electrostatic discharge.

Horizontal Coupling Plane (HCP):

The coupling plane is placed under to the EUT. The generator shall be positioned vertically at a distance of 0.1m from the EUT, with the Discharge Electrode touching the coupling plane.

The four faces of the EUT will be performed with electrostatic discharge.

2. Air discharges at insulation surfaces of the EUT.

It was at least ten single discharges with positive and negative at the same selected point





5.4 TEST RESULT

| Temperature: | 22°C | Relative Humidity: | 48% |
|---------------|---------|--------------------|---------|
| Test Voltage: | DC 24V | Pressure: | 1010hPa |
| Test Mode: | Running | | 12 |

| Voltage | Coupling | Test Performance | Result | |
|---------|--------------------------------|------------------|--------|--|
| ±4kV | Contact Discharge | No function loss | В | |
| ±4kV | Indirect Discharge HCP (Front) | No function loss | В | |
| ±4kV | Indirect Discharge HCP (Left) | No function loss | В | |
| ±4kV | Indirect Discharge HCP (Back) | No function loss | В | |
| ±4kV | Indirect Discharge HCP (Right) | No function loss | В | |
| ±4kV | Indirect Discharge VCP (Front) | No function loss | В | |
| ±4kV | Indirect Discharge VCP (Left) | No function loss | В | |
| ±4kV | Indirect Discharge VCP (Back) | No function loss | В | |
| ±4kV | Indirect Discharge VCP (Right) | No function loss | В | |
| ±8kV | Air Discharge | No function loss | В | |

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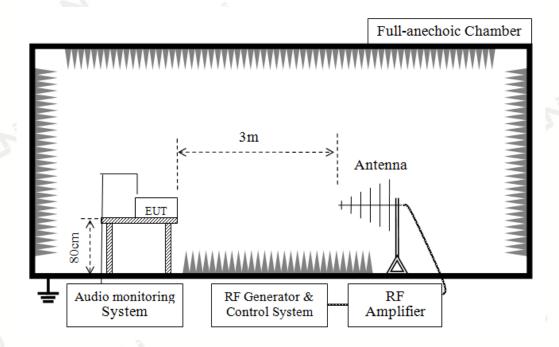


6 RADIATED, RADIO-FREQUENCY, ELECTROMAGNETIC FIELD IMMUNITY TEST (RS)

6.1 TEST SPECIFICATION

| EN 61000-4-3 | | |
|------------------------------------|--|--|
| A | | |
| 80 MHz ~ 1000 MHz | | |
| 3 V/m | | |
| 1kHz Sine Wave, 80%, AM Modulation | | |
| 1 % of fundamental | | |
| Horizontal and Vertical | | |
| 3 m | | |
| 1.5 m | | |
| 1.5x 10 ⁻³ decade/s | | |
| | | |

6.2 TEST SETUP



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Note:

TABLE-TOP EQUIPMENT

The EUT installed in a representative system as described in section 7 of EN 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 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.

6.3 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 need as following manners:

- 1. The frequency range is swept from 80 MHz to 1000 MHz 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.
- 2. The dwell time at each frequency shall be not less than the time necessary for the EUT to be able to respond.
- 3. The test was performed with the EUT exposed to both vertically and horizontally polarized fields on each of the four sides.





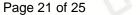
6.4 TEST RESULT

| Temperature: | 22°C | Relative Humidity: | 48% |
|---------------|---------|--------------------|---------|
| Test Voltage: | DC 24V | Pressure: | 1010hPa |
| Test Mode: | Running | | 170 |

| Frequency Range (MHz) | RF Field Position | R.F. Field Strength | Azimuth | Perform Criteria | Result |
|--------------------------|----------------------|-----------------------------|---------|---------------------|--------|
| | | | Front | | 0 |
| 90 1000 | ши | 3 V/m (rms) AM Modulated | Rear | ۸ | PASS |
| 80~1000 | H/V | 1000Hz, 80% | Left | Α | PASS |
| i | | | Right | | 17. |

Note: "A" stand for, during test, operate as intended no loss of function, no degradation of performance, no unintentional transmissions and after test, no degradation of performance, no loss of function, no loss of stored data or user programmable functions.

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





7 PHOTO OF EUT

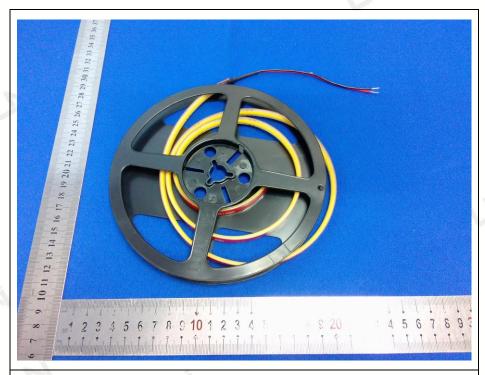


PHOTO 01



PHOTO 02





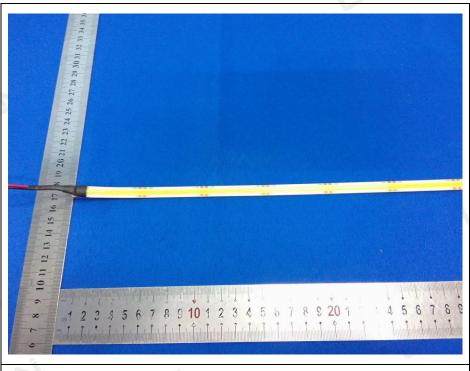
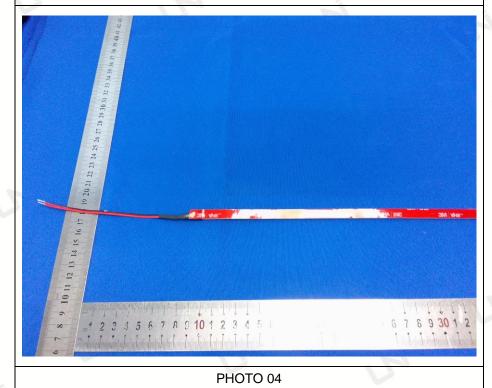
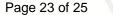
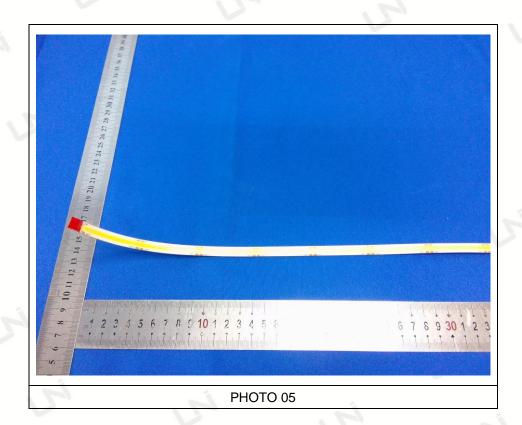


PHOTO 03









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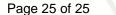
8 PHOTO OF TEST



PHOTO 01



End of Report





Statement

- 1. This report must have the signature of the authorized signatory and the special seal of the report, otherwise it will be considered invalid. If there is no anti-counterfeiting electronic seal of the laboratory in the report in PDF format or it is displayed as "x", the report is invalid.
- 2. This report shall not be modified, added or deleted without authorization.
- 3. The results of this report are only valid for the EUT provided by Applicant to our laboratory for inspection (That is, EUT received by our laboratory. Without special explanation, it refers to the samples presented in the report "PHOTO OF EUT").
- 4.If there is any objection to the test data and conclusions of this report, please submit it in writing within 10 working days after the date of issuance of the report.
- 5. Without the written consent of the laboratory, this report shall not be copied (except for full copy), nor shall it be used as publicity materials or advertising.
- 6. The cover of the report is for decoration only, not included in the body of the report.
- 7. The paper report issued by our laboratory has the same effect as the electronic report. In case of any difference between the two, the electronic report shall prevail.
- 8. The Chinese and English reports issued by our laboratory have the same effect. In case of any difference in understanding, the Chinese version shall prevail.
- 9. Please provide the complete report documents issued by our laboratory when inquiring the report.
- 10. For cases where compliance is determined based on test values, when relevant specifications, standards, documents, and customers have no relevant requirements and no other special instructions, the test report issued by this laboratory is carried out in full value and adopts ILAC-G8:09 /2019 "Simple Acceptance Rule" for judgment.
- 11.In the People's Republic of China, when there is no CMA Accredited Symbol in this report, the report is only for scientific research, teaching or internal quality control activities.