



## FCC TEST REPORT

For

ARTIKA FOR LIVING INC

Clara LED Mirror Oval

Test Model: WMIRH-CLC-O3020

Additional Model No.: WMIRH-CLC-O3020-DHD, WMIRH-CLC-O3020-XXXXXX("XXXXXX" can be A to Z and/or 0 to 9 and/or blank (commercial code))

Prepared for : ARTIKA FOR LIVING INC  
Address : 1756 50th avenue, Lachine, Qc, Canada H8T 2V5

Prepared by : Shenzhen LCS Compliance Testing Laboratory Ltd.  
101, 201 Bldg A & 301 Bldg C, Juji Industrial Park  
Address : Yabianxueziwei, Shajing Street, Baoan District,  
Shenzhen, 518000, China  
Tel : +(86) 0755-82591330  
Fax : +(86) 0755-82591332  
Web : www.lcs-cert.com  
Mail : webmaster@lcs-cert.com

Date of receipt of test sample : July 24, 2024  
Number of tested samples : 1  
Serial number : Prototype  
Sample No. : A240722102001  
Date of Test : July 24, 2024 to August 03, 2024  
Date of Report : August 05, 2024



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity

**TEST REPORT****Report No.** : LCSA07234186E**Date of Issue** : August 05, 2024**Testing Laboratory Name** : Shenzhen LCS Compliance Testing Laboratory Ltd.**Address** : 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park  
Yabianxueziwei, Shajing Street, Baoan District,  
Shenzhen, 518000, China**Testing Location/ Procedure** : Full application of Harmonised standards ■  
Partial application of Harmonised standards □  
Other standard testing method □**Applicant's Name** : ARTIKA FOR LIVING INC**Address** : 1756 50th avenue, Lachine, Qc, Canada H8T 2V5**Test Specification****Standard** : FCC 47 CFR Part 15, Subpart B  
ANSI C63.4-2014**Test Report Form No.** : TRF-4-E-010 A/0**TRF Originator** : Shenzhen LCS Compliance Testing Laboratory Ltd.**Master TRF** : Dated 2011-03**Shenzhen LCS Compliance Testing Laboratory Ltd. All rights reserved.**

This publication may be reproduced in whole or in part for non-commercial purposes as long as the Shenzhen LCS Compliance Testing Laboratory Ltd. is acknowledged as copyright owner and source of the material. Shenzhen LCS Compliance Testing Laboratory Ltd. takes no responsibility for and will not assume liability for damages resulting from the reader's interpretation of the reproduced material due to its placement and context.

**Test Item Description.** : Clara LED Mirror Oval**Trade Mark** : ARTIKA**Test Model** : WMIRH-CLC-O3020**Result** : Positive**Compiled by:**

Emma wang / File Administrator

**Supervised by:**

Cary Luo/ Technique principal

**Approved by:**

Gavin Liang / Manager



Shenzhen LCS Compliance Testing Laboratory Ltd.

Add: 101, 201 Bldg A & 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District,  
Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



## TEST REPORT

|                                       |                                         |
|---------------------------------------|-----------------------------------------|
| <b>Test Report No.:</b> LCSA07234186E | <u>August 05, 2024</u><br>Date of issue |
|---------------------------------------|-----------------------------------------|

|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| <b>Test Model</b> .....   | <b>WMIRH-CLC-O3020</b>                                  |
| <b>EUT</b> .....          | Clara LED Mirror Oval                                   |
| <b>Applicant</b> .....    | <b>ARTIKA FOR LIVING INC</b>                            |
| <b>Address</b> .....      | 1756 50th avenue, Lachine, Qc, Canada H8T 2V5           |
| <b>Telephone</b> .....    | /                                                       |
| <b>Fax</b> .....          | /                                                       |
| <b>Manufacturer</b> ..... | <b>Ningbo LGDD Electrical Fittings Co., Ltd</b>         |
| <b>Address</b> .....      | No.188 Changxing Road, Jiangbei District, Ningbo, China |
| <b>Telephone</b> .....    | /                                                       |
| <b>Fax</b> .....          | /                                                       |
| <b>Factory</b> .....      | <b>Ningbo LGDD Electrical Fittings Co., Ltd</b>         |
| <b>Address</b> .....      | No.188 Changxing Road, Jiangbei District, Ningbo, China |
| <b>Telephone</b> .....    | /                                                       |
| <b>Fax</b> .....          | /                                                       |

|                    |                 |
|--------------------|-----------------|
| <b>Test Result</b> | <b>Positive</b> |
|--------------------|-----------------|

The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.





## Revision History

| Report Version | Issue Date      | Revision Content | Revised By |
|----------------|-----------------|------------------|------------|
| 000            | August 05, 2024 | Initial Issue    | /          |
|                |                 |                  |            |
|                |                 |                  |            |





## TABLE OF CONTENTS

| Test Report Description                           | Page      |
|---------------------------------------------------|-----------|
| <b>1. SUMMARY OF STANDARDS AND RESULTS</b>        | <b>6</b>  |
| 1.1 Description of Standards and Results          | 6         |
| 1.2 Description of Test Modes                     | 7         |
| <b>2. GENERAL INFORMATION</b>                     | <b>8</b>  |
| 2.1 Description of Device (EUT)                   | 8         |
| 2.2 Support equipment List                        | 8         |
| 2.3 Description of Test Facility                  | 8         |
| 2.4 Measurement Uncertainty                       | 8         |
| <b>3. MEASURING DEVICES AND TEST EQUIPMENT</b>    | <b>9</b>  |
| <b>4. EMISSION TEST RESULTS (EMI)</b>             | <b>10</b> |
| 4.1 Conducted emissions on AC mains               | 10        |
| 4.2 Radiated emissions (Below 1GHz)               | 13        |
| <b>5. TEST SETUP PHOTOS</b>                       | <b>16</b> |
| <b>6. EUT CONSTRUCTIONAL DETAILS (EUT PHOTOS)</b> | <b>17</b> |





## 1. SUMMARY OF STANDARDS AND RESULTS

### 1.1 Description of Standards and Results

The EUT have been tested according to the applicable standards as referenced below.

| Description of Test Item        | Standard                                         | Limits          | Result |
|---------------------------------|--------------------------------------------------|-----------------|--------|
| Conducted emissions on AC mains | FCC 47 CFR Part 15, Subpart B<br>ANSI C63.4-2014 | 15.107, Class B | Pass   |
| Radiated emissions (Below 1GHz) | FCC 47 CFR Part 15, Subpart B<br>ANSI C63.4-2014 | 15.109, Class B | Pass   |





## 1.2 Description of Test Modes

| No  | Title                 | Description |
|-----|-----------------------|-------------|
| TM1 | Working(AC 120V/60Hz) | Record      |





## 2. GENERAL INFORMATION

### 2.1 Description of Device (EUT)

|                             |                                                                                                                        |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------|
| EUT                         | : Clara LED Mirror Oval                                                                                                |
| Test Model                  | : WMIRH-CLC-O3020                                                                                                      |
| Additional Model No.        | : WMIRH-CLC-O3020-DHD, WMIRH-CLC-O3020-XXXXXX<br>("XXXXXX" can be A to Z and/or 0 to 9 and/or blank (commercial code)) |
| Model Declaration           | : PCB board, structure and internal of these model(s) are the same,<br>So no additional models were tested.            |
| Power Supply                | : 120V~, 60Hz, 44W, 0.39A                                                                                              |
| Highest Internal Frequency  | : 1.705-108MHz                                                                                                         |
| Classification of Equipment | : Class B                                                                                                              |

| Highest internal frequency (Fx)            | Highest measured frequency      |
|--------------------------------------------|---------------------------------|
| $F_x \leq 1.705\text{MHz}$                 | 30MHz                           |
| $1.705\text{MHz} < F_x \leq 108\text{MHz}$ | 1GHz                            |
| $108\text{MHz} < F_x \leq 500\text{MHz}$   | 2GHz                            |
| $500\text{MHz} < F_x \leq 1000\text{MHz}$  | 5GHz                            |
| $F_x > 1\text{GHz}$                        | 5 x Fx up to a maximum of 40GHz |

### 2.2 Support equipment List

The EUT was tested as an independent device.

### 2.3 Description of Test Facility

The data and results referenced in this document are true and accurate. The reader is cautioned that there may be errors within the calibration limits of the equipment and facilities. The measurement uncertainty was calculated for all measurements listed in this test report acc. To CISPR 16 – 4 “Specification for radio disturbance and immunity measuring apparatus and methods – Part 4: Uncertainty in EMC Measurements” and is documented in the LCS quality system acc. To DIN EN ISO/IEC 17025. Furthermore, component and process variability of devices similar to that tested may result in additional deviation. The manufacturer has the sole responsibility of continued compliance of the device.

NVLAP Accreditation Code is 600167-0.  
FCC Designation Number is CN5024.  
CAB identifier is CN0071.  
CNAS Registration Number is L4595.  
Test Firm Registration Number: 254912.

### 2.4 Measurement Uncertainty

| Test Item                                                                                                                                     | Measurement Uncertainty |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| Conducted Emission (150kHz to 30MHz)                                                                                                          | $\pm 2.35\text{ dB}$    |
| Radiated Emission (30MHz to 1000MHz)                                                                                                          | $\pm 3.48\text{ dB}$    |
| Note: This uncertainty represents an expanded uncertainty expressed at approximately the 95% confidence level using a coverage factor of k=2. |                         |





### 3. MEASURING DEVICES AND TEST EQUIPMENT

#### Conducted emissions on AC mains

| Equipment         | Manufacturer | Model No | Serial No. | Cal Date   | Due Date   |
|-------------------|--------------|----------|------------|------------|------------|
| EMI Test Software | Farad        | EZ       | /          | /          | /          |
| Artificial Mains  | R&S          | ENV216   | 101288     | 2024-06-06 | 2025-06-05 |
| Pulse Limiter     | R&S          | ESH3-Z2  | 102750-NB  | 2023-08-15 | 2024-08-14 |
| EMI Test Receiver | R&S          | ESR3     | 102312     | 2024-03-02 | 2025-03-01 |

#### Radiated emissions (Below 1GHz)

| Equipment              | Manufacturer | Model No   | Serial No. | Cal Date   | Due Date   |
|------------------------|--------------|------------|------------|------------|------------|
| EMI Test Software      | Farad        | EZ         | /          | /          | /          |
| EMI Test Software      | AUDIX        | E3         | /          | /          | /          |
| By-log Antenna         | SCHWARZBECK  | VULB9163   | 9163-470   | 2021-09-12 | 2024-09-11 |
| Horn Antenna           | SCHWARZBECK  | BBHA 9120D | 9120D-1925 | 2021-09-05 | 2024-09-04 |
| EMI Test Receiver      | R&S          | ESR3       | 102311     | 2023-08-15 | 2024-08-14 |
| Broadband Preamplifier | /            | BP-01M18G  | P190501    | 2024-06-06 | 2025-06-05 |
| EMI Test Receiver      | R&S          | ESCI7      | 101173     | 2023-10-25 | 2024-10-24 |
| By-log Antenna         | SchwarzZBECK | VULB9163   | 01428      | 2023-09-05 | 2024-09-04 |





## 4. EMISSION TEST RESULTS (EMI)

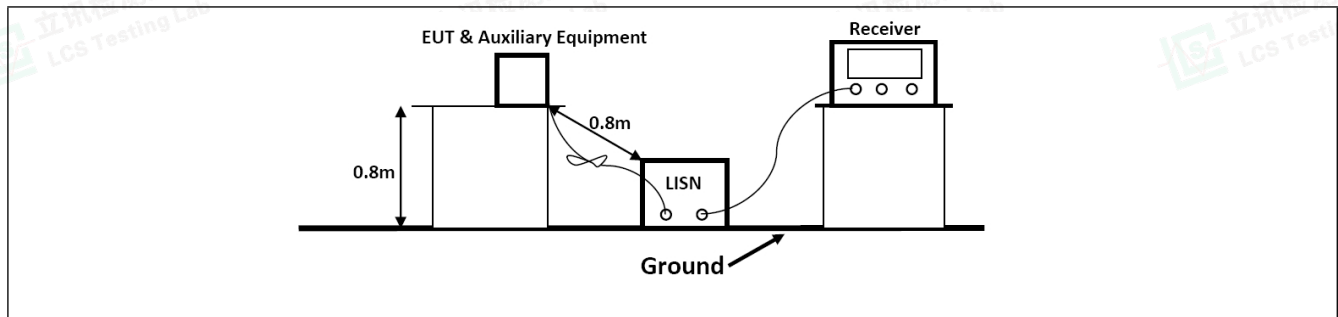
### 4.1 Conducted emissions on AC mains

|                   |                                                                                                                                                                                                                             |                              |           |
|-------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------|-----------|
| Test Requirement: | 15.107, Class B                                                                                                                                                                                                             |                              |           |
| Test Limit:       | Frequency of emission (MHz)                                                                                                                                                                                                 | Conducted limit (dB $\mu$ V) |           |
|                   |                                                                                                                                                                                                                             | Quasi-peak                   | Average   |
|                   | 0.15-0.5                                                                                                                                                                                                                    | 66 to 56*                    | 56 to 46* |
|                   | 0.5-5                                                                                                                                                                                                                       | 56                           | 46        |
|                   | 5-30                                                                                                                                                                                                                        | 60                           | 50        |
|                   | *Decreases with the logarithm of the frequency.                                                                                                                                                                             |                              |           |
| Test Method:      | ANSI C63.4-2014                                                                                                                                                                                                             |                              |           |
| Procedure:        | An initial pre-scan was performed with peak detector. Quasi-Peak or Average measurement were performed at the frequencies with maximized peak emission were detected.<br>Remark: Level= Read Level+ Cable Loss+ LISN Factor |                              |           |

#### 4.1.1 E.U.T. Operation:

|                        |         |           |        |
|------------------------|---------|-----------|--------|
| Operating Environment: |         |           |        |
| Temperature:           | 22.7 °C | Humidity: | 53.7 % |
| Pre test mode:         | TM1     |           |        |
| Final test mode:       | TM1     |           |        |

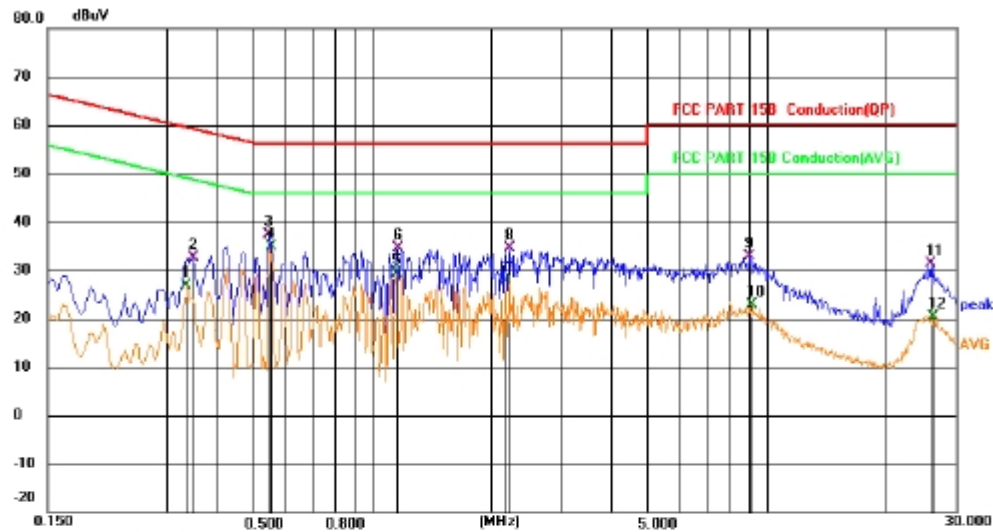
#### 4.1.2 Test Setup Diagram:





## 4.1.3 Test Data:

TM1 / Line: Line



| No. | Mk. | Freq.   | Reading | Correct | Measure- | Limit | Margin |                  |
|-----|-----|---------|---------|---------|----------|-------|--------|------------------|
|     |     | MHz     | Level   | Factor  | ment     |       |        |                  |
|     |     |         | dBuV    | dB      | dBuV     | dBuV  | dB     | Detector Comment |
| 1   |     | 0.3391  | 16.90   | 10.03   | 26.93    | 49.23 | -22.30 | AVG              |
| 2   |     | 0.3526  | 22.65   | 10.02   | 32.67    | 58.90 | -26.23 | QP               |
| 3   |     | 0.5460  | 27.36   | 10.06   | 37.42    | 56.00 | -18.58 | QP               |
| 4   | *   | 0.5505  | 24.93   | 10.06   | 34.99    | 46.00 | -11.01 | AVG              |
| 5   |     | 1.1490  | 19.51   | 9.99    | 29.50    | 46.00 | -16.50 | AVG              |
| 6   |     | 1.1535  | 24.63   | 9.99    | 34.62    | 56.00 | -21.38 | QP               |
| 7   |     | 2.1614  | 17.78   | 10.03   | 27.81    | 46.00 | -18.19 | AVG              |
| 8   |     | 2.2244  | 24.68   | 10.03   | 34.71    | 56.00 | -21.29 | QP               |
| 9   |     | 8.9700  | 22.83   | 10.03   | 32.86    | 60.00 | -27.14 | QP               |
| 10  |     | 9.0961  | 12.91   | 10.03   | 22.94    | 50.00 | -27.06 | AVG              |
| 11  |     | 25.9396 | 21.20   | 10.14   | 31.34    | 60.00 | -28.66 | QP               |
| 12  |     | 26.2411 | 10.34   | 10.14   | 20.48    | 50.00 | -29.52 | AVG              |



Shenzhen LCS Compliance Testing Laboratory Ltd.

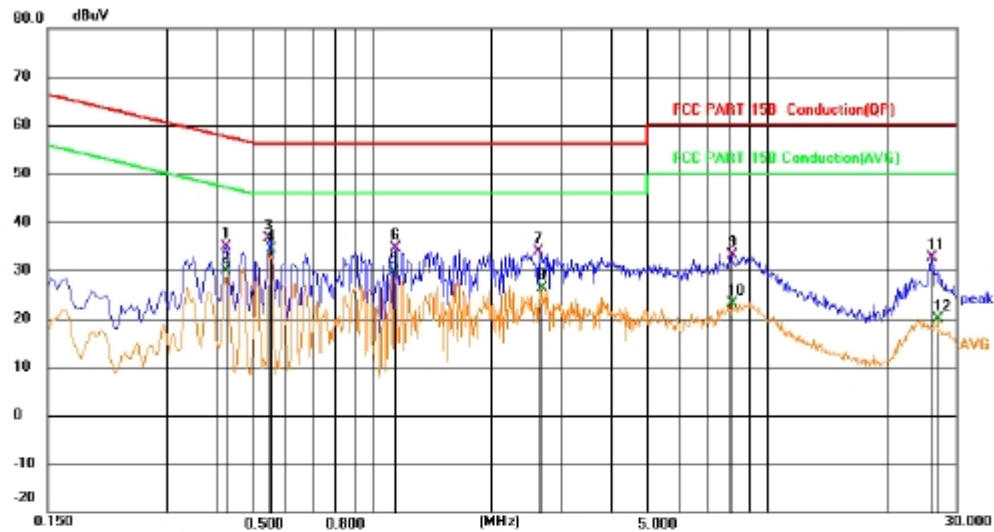
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



TM1 / Line: Neutral



| No. | Mk. | Freq.   | Reading | Correct | Measure- | Limit | Margin |          |         |
|-----|-----|---------|---------|---------|----------|-------|--------|----------|---------|
|     |     | MHz     | Level   | Factor  | ment     |       |        | Detector | Comment |
|     |     |         | dBuV    | dB      | dBuV     | dBuV  | dB     |          |         |
| 1   |     | 0.4246  | 24.78   | 10.05   | 34.83    | 57.36 | -22.53 | QP       |         |
| 2   |     | 0.4246  | 19.80   | 10.05   | 29.85    | 47.36 | -17.51 | AVG      |         |
| 3   |     | 0.5460  | 26.46   | 10.07   | 36.53    | 56.00 | -19.47 | QP       |         |
| 4   | *   | 0.5505  | 24.20   | 10.07   | 34.27    | 46.00 | -11.73 | AVG      |         |
| 5   |     | 1.1400  | 19.76   | 9.99    | 29.75    | 46.00 | -16.25 | AVG      |         |
| 6   |     | 1.1445  | 24.57   | 9.99    | 34.56    | 56.00 | -21.44 | QP       |         |
| 7   |     | 2.6296  | 23.79   | 10.01   | 33.80    | 56.00 | -22.20 | QP       |         |
| 8   |     | 2.6746  | 16.49   | 10.01   | 26.50    | 46.00 | -19.50 | AVG      |         |
| 9   |     | 8.1466  | 23.19   | 9.96    | 33.15    | 60.00 | -26.85 | QP       |         |
| 10  |     | 8.1466  | 13.08   | 9.96    | 23.04    | 50.00 | -26.96 | AVG      |         |
| 11  |     | 26.0251 | 22.57   | 10.11   | 32.68    | 60.00 | -27.32 | QP       |         |
| 12  |     | 27.0556 | 9.69    | 10.13   | 19.82    | 50.00 | -30.18 | AVG      |         |

\*\*\*Note: 1) Pre-scan all modes and recorded the worst case results in this report.

2) Margin= Reading level + Correct factor-Limit

Correct Factor=Lisn Factor+Cable Factor+Insertion loss of Pulse Limiter





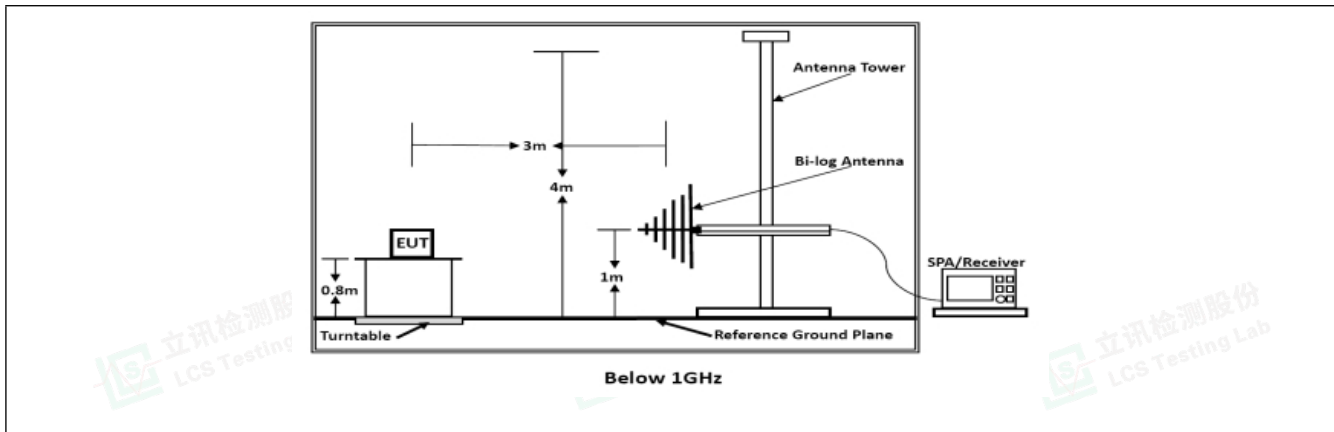
## 4.2 Radiated emissions (Below 1GHz)

|                   |                                                                                                                                                                                                                                                                                                                            |                    |          |                     |          |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------|----------|---------------------|----------|
| Test Requirement: | 15.109, Class B                                                                                                                                                                                                                                                                                                            |                    |          |                     |          |
| Test Limit:       | Except for Class A digital devices, the field strength of radiated emissions from unintentional radiators at a distance of 3 meters shall not exceed the following values:                                                                                                                                                 |                    |          |                     |          |
|                   | Frequency of emission (MHz)                                                                                                                                                                                                                                                                                                | Field strength @3m |          | Field strength @10m |          |
|                   |                                                                                                                                                                                                                                                                                                                            | (uV/m)             | (dBuV/m) | (uV/m)              | (dBuV/m) |
|                   | 30 – 88                                                                                                                                                                                                                                                                                                                    | 100                | 40       | 30                  | 29.5     |
|                   | 88 – 216                                                                                                                                                                                                                                                                                                                   | 150                | 43.5     | 45                  | 33.1     |
|                   | 216 – 960                                                                                                                                                                                                                                                                                                                  | 200                | 46       | 60                  | 35.6     |
|                   | Above 960                                                                                                                                                                                                                                                                                                                  | 500                | 54       | 150                 | 43.5     |
| Test Method:      | ANSI C63.4-2014                                                                                                                                                                                                                                                                                                            |                    |          |                     |          |
| Procedure:        | An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by BiConiLog antenna with 2 orthogonal polarities.<br>Remark: Level= Read Level+ Cable Loss+ Antenna Factor- Preamp Factor |                    |          |                     |          |

### 4.2.1 E.U.T. Operation:

|                        |         |           |        |
|------------------------|---------|-----------|--------|
| Operating Environment: |         |           |        |
| Temperature:           | 26.4 °C | Humidity: | 54.2 % |
| Pre test mode:         | TM1     |           |        |
| Final test mode:       | TM1     |           |        |

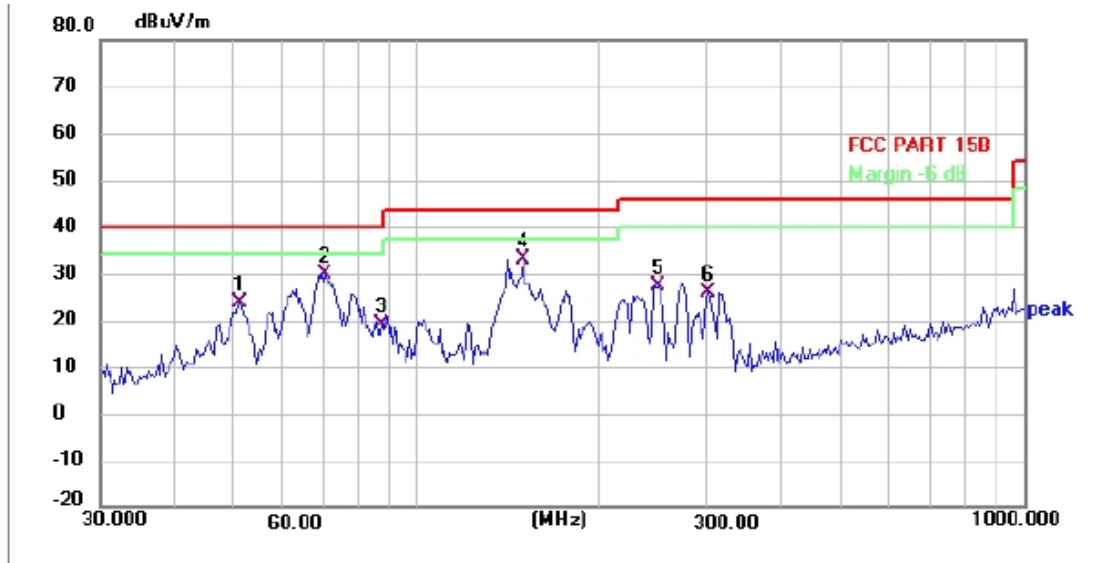
### 4.2.2 Test Setup Diagram:





## 4.2.3 Test Data:

TM1 / Polarization: Horizontal



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg.) | P/F | Remark |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|----------|-------------|----------------|-----|--------|
| 1   | 50.8172         | 40.04          | -16.22        | 23.82          | 40.00          | -16.18      | QP       |             |                | P   |        |
| 2 * | 70.2096         | 50.33          | -20.34        | 29.99          | 40.00          | -10.01      | QP       |             |                | P   |        |
| 3   | 87.2980         | 40.01          | -20.78        | 19.23          | 40.00          | -20.77      | QP       |             |                | P   |        |
| 4   | 148.9175        | 54.90          | -21.88        | 33.02          | 43.50          | -10.48      | QP       |             |                | P   |        |
| 5   | 248.7319        | 44.55          | -17.14        | 27.41          | 46.00          | -18.59      | QP       |             |                | P   |        |
| 6   | 300.6988        | 41.97          | -16.01        | 25.96          | 46.00          | -20.04      | QP       |             |                | P   |        |



Shenzhen LCS Compliance Testing Laboratory Ltd.

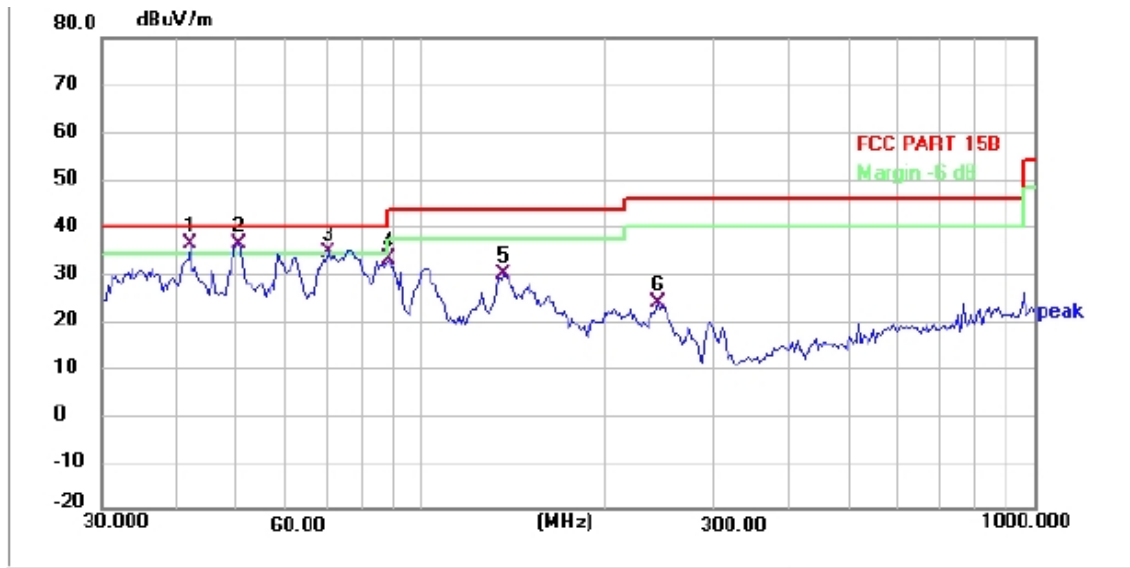
Add: 101, 201 Bldg A &amp; 301 Bldg C, Juji Industrial Park Yabianxueziwei, Shajing Street, Baoan District, Shenzhen, 518000, China

Tel: +(86) 0755-82591330 | E-mail: webmaster@lcs-cert.com | Web: www.lcs-cert.com

Scan code to check authenticity



TM1 / Polarization: Vertical



| No. | Frequency (MHz) | Reading (dBuV) | Factor (dB/m) | Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Detector | Height (cm) | Azimuth (deg.) | P/F | Remark |
|-----|-----------------|----------------|---------------|----------------|----------------|-------------|----------|-------------|----------------|-----|--------|
| 1 * | 41.7406         | 53.30          | -16.93        | 36.37          | 40.00          | -3.63       | QP       |             |                | P   |        |
| 2 ! | 50.1080         | 52.27          | -16.10        | 36.17          | 40.00          | -3.83       | QP       |             |                | P   |        |
| 3 ! | 70.2095         | 54.66          | -20.34        | 34.32          | 40.00          | -5.68       | QP       |             |                | P   |        |
| 4   | 88.5335         | 53.72          | -20.54        | 33.18          | 43.50          | -10.32      | QP       |             |                | P   |        |
| 5   | 135.9162        | 51.83          | -22.16        | 29.67          | 43.50          | -13.83      | QP       |             |                | P   |        |
| 6   | 243.5431        | 40.86          | -17.27        | 23.59          | 46.00          | -22.41      | QP       |             |                | P   |        |

Note:1).Pre-Scan all mode, Thus record worse case mode result in this report.

2) Margin= Reading level + Correct factor – Limit

Correct Factor=Antenna Factor+Cable Factor- Pre-amplifier Factor





## 5. TEST SETUP PHOTOS

Refer to Appendix - Test Setup Photos for LCSA07234186E.docx

## 6. EUT CONSTRUCTIONAL DETAILS (EUT PHOTOS)

Refer to Appendix - EUT Photos for LCSA07234186E.docx

--- End of Report ---

