



## SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch

EMC-TRF-01 Rev 2.0

Report No.: GZCR250700111403

Page: 1 of 13

FCC ID: 2BPJA-AF-8201

# TEST REPORT

**Application No.:** GZCR2507001114HS  
**Applicant:** Anatomy Fitness Co LLC  
**Address of Applicant:** 7901 4<sup>th</sup> St N STE 300, ST Petersburg Florida 33702  
**Manufacturer:** Anatomy Fitness Co LLC  
**Address of Manufacturer:** 7901 4<sup>th</sup> St N STE 300, ST Petersburg Florida 33702  
**Product Name:** TREADMILL / LED  
**Model No.:** AF-8201  
**Trade Mark:** ANATOMY X  
**Standard(s) :** 47 CFR Part 1.1310  
KDB 680106 D01 Wireless Power Transfer v04  
**Date of Receipt:** 2025-07-22  
**Date of Test:** 2025-08-25 to 2025-08-25  
**Date of Issue:** 2025-10-11

|                     |              |
|---------------------|--------------|
| <b>Test Result:</b> | <b>Pass*</b> |
|---------------------|--------------|

\* In the configuration tested, the EUT complied with the standards specified above.



SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch, EMC Laboratory

Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

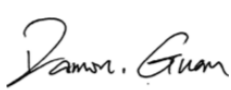
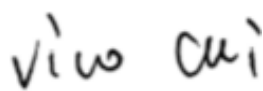
Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663  
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn  
t (86-20) 82155555 sgs.china@sgs.com

Member of the SGS Group (SGS SA)

| Revision Record |                  |            |          |
|-----------------|------------------|------------|----------|
| Version         | Report No.       | Date       | Remark   |
| 01              | GZCR250700111403 | 2025-10-11 | Original |
|                 |                  |            |          |
|                 |                  |            |          |

|                          |  |                                                                                     |  |
|--------------------------|--|-------------------------------------------------------------------------------------|--|
| Authorized for issue by: |  |                                                                                     |  |
|                          |  |  |  |
|                          |  | Damon Guan/Project Engineer                                                         |  |
| Approved By              |  |  |  |
|                          |  | Vico Cui/Reviewer                                                                   |  |



## 2 Test Summary

| Radio Spectrum Matter Part |                    |                |                                     |        |
|----------------------------|--------------------|----------------|-------------------------------------|--------|
| Item                       | Standard           | Method         | Requirement                         | Result |
| Field strength             | 47 CFR Part 1.1310 | KDB 680106 D01 | 47 CFR Part 1.1310 & KDB 680106 D01 | Pass   |

**Note:**

E.U.T./EUT means Equipment Under Test.

Pass means the test result passed the test standard requirement, please find the detailed decision rule in the report relative section.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

**Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com**

SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch, EMC Laboratory

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663  
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn  
t (86-20) 82155555 sgs.china@sgs.com

### 3 Contents

|                                                  | Page |
|--------------------------------------------------|------|
| 1 Cover Page .....                               | 1    |
| 2 Test Summary .....                             | 3    |
| 3 Contents .....                                 | 4    |
| 4 General Information .....                      | 5    |
| 4.1 Details of E.U.T. ....                       | 5    |
| 4.2 Measurement Uncertainty .....                | 5    |
| 4.3 Description of Support Units .....           | 5    |
| 4.4 Test Location .....                          | 5    |
| 4.5 Test Facility .....                          | 6    |
| 4.6 Deviation from Standards .....               | 6    |
| 4.7 Abnormalities from Standard Conditions ..... | 6    |
| 5 Equipment List .....                           | 7    |
| 6 Radio Spectrum Matter Test Results .....       | 8    |
| 6.1 Field strength .....                         | 8    |
| 6.1.1 E.U.T. Operation .....                     | 8    |
| 6.1.2 Test Mode Description .....                | 9    |
| 6.1.3 Test Setup Diagram .....                   | 9    |
| 6.1.4 Measurement Procedure and Data .....       | 10   |
| 7 Test Setup Photo .....                         | 12   |
| 8 EUT Constructional Details (EUT Photos) .....  | 13   |



## 4 General Information

### 4.1 Details of E.U.T.

Power supply: AC 120V 60Hz  
Cable(s): About 2.0m x 3 wires unscreened AC mains cable.  
RF character Please refer to the report GZCR250700111402 issued by SGS.

Remark: The information in this section is provided by the applicant or manufacturer, SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

### 4.2 Measurement Uncertainty

| Test Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Measurement Uncertainty |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| Field strength                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | MF:U=0.13dB,EF:U=0.4dB  |
| <p>Remark:</p> <p>The <math>U_{lab}</math> (lab Uncertainty) is less than <math>U_{CISPR}</math> (CISPR Uncertainty) or <math>U_{ETSI}</math> (ETSI Uncertainty).</p> <p>Emission decision rule:</p> <ul style="list-style-type: none"> <li>– Compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit, marked as Pass in the report.</li> <li>– Non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit, marked as Fail in the report.</li> </ul> |                         |

### 4.3 Description of Support Units

| Description  | Manufacturer | Model No.      | Serial No.   |
|--------------|--------------|----------------|--------------|
| Mobile Phone | APPLE        | iPhone 12 mini | F71DP3NG0GQY |

### 4.4 Test Location

All tests were performed at:  
SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou Branch EMC Laboratory,  
No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou,  
Guangdong, China 510663  
Tel: +86 20 82155555  
No tests were sub-contracted.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch EMC Laboratory

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663  
中国·广东·广州高新技术产业开发区科学城科珠路198号

t (86-20) 82155555 www.sgsgroup.com.cn  
t (86-20) 82155555 sgs.china@sgs.com

## 4.5 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

- **ACMA**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory can also perform testing for the Australian/New Zealand Regulatory Compliance Mark (RCM).

- **SGS UK(Certificate No.: 32), SGS-TUV SAARLAND and SGS-FIMKO**

Have approved SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory as a supplier of EMC TESTING SERVICES and SAFETY TESTING SERVICES.

- **FCC Recognized Accredited Test Firm(Registration No.: 486818)**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been accredited and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Designation Number: CN5016, Test Firm Registration Number: 486818.

- **ISED (Registration No.: 4620B, CAB identifier: CN0052)**

SGS-CSTC Standards Technical Services Co., Ltd., has been registered by Innovation Science and Economic Development Canada for Wireless Device Testing laboratories to test to Canadian radio equipment requirements. Registration No. 4620B, CAB identifier: CN0052.

- **VCCI (Registration No.: R-12460, C-12584, G-20107 and T-11179)**

The 10m Semi-anechoic chamber, 966 Anechoic Chamber and Shielded Room of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-12460, C-12584, G-20107 and T-11179 respectively.

- **CBTL (Lab Code: TL129)**

SGS-CSTC Standards Technical Services Co., Ltd., E&E Laboratory has been assessed and fully comply with the requirements of ISO/IEC 17025:2017, the Basic Rules, IECEE 01 and Rules of procedure IECEE 02, and the relevant IECEE CB-Scheme Operational documents.

## 4.6 Deviation from Standards

None

## 4.7 Abnormalities from Standard Conditions

None



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch EMC Laboratory

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663  
中国·广东·广州高新技术产业开发区科学城科珠路198号

t (86-20) 82155555 www.sgsgroup.com.cn  
t (86-20) 82155555 sgs.china@sgs.com

## 5 Equipment List

| Magnetic field strength              |                   |           |               |            |              |
|--------------------------------------|-------------------|-----------|---------------|------------|--------------|
| Equipment                            | Manufacturer      | Model No. | Inventory No. | Cal Date   | Cal Due Date |
| 743 Compact 3m Semi-Anechoic Chamber | ChangZhou ZhongYu | N/A       | EMC0525       | 2025-08-13 | 2028-08-12   |
| MAGPy-8H3D+E3D                       | SPEAG             | MAGPy     | SEMC060-31    | 2025-02-05 | 2026-02-24   |
| MAGPy-DAS                            | SPEAG             | MAGPy     | SEMC060-32    | 2025-02-05 | 2026-02-24   |

| General used equipment |              |          |              |            |              |
|------------------------|--------------|----------|--------------|------------|--------------|
| Equipment              | Manufacturer | Model No | Inventory No | Cal Date   | Cal Due Date |
| DMM                    | Fluke        | 73       | EMC0006      | 2025-06-03 | 2026-06-02   |



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

**Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)**

SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch, Testing & Calibration Laboratory

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663  
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn  
t (86-20) 82155555 sgs.china@sgs.com

## 6 Radio Spectrum Matter Test Results

### 6.1 Field strength

Test Requirement 47 CFR Part 1.1310 & KDB 680106 D01

Test Method: KDB 680106 D01

Limit:

| Frequency range (MHz)                                          | Electric field strength (V/m) | Magnetic field strength (A/m) | Power density (mW/cm <sup>2</sup> ) | Averaging time (minutes) |
|----------------------------------------------------------------|-------------------------------|-------------------------------|-------------------------------------|--------------------------|
| <b>(A) Limits for Occupational/Controlled Exposures</b>        |                               |                               |                                     |                          |
| 0.3-3.0                                                        | 614                           | 1.63                          | *(100)                              | 6                        |
| 3.0-30                                                         | 1842/f                        | 4.89/f                        | *(900/f <sup>2</sup> )              | 6                        |
| 30-300                                                         | 61.4                          | 0.163                         | 1.0                                 | 6                        |
| 300-1500                                                       | /                             | /                             | f/300                               | 6                        |
| 1500-100,000                                                   | /                             | /                             | 5                                   | 6                        |
| <b>(B) Limits for General Population/Uncontrolled Exposure</b> |                               |                               |                                     |                          |
| 0.3-1.34                                                       | 614                           | 1.63                          | *(100)                              | 30                       |
| 1.34-30                                                        | 824/f                         | 2.19/f                        | *(180/f <sup>2</sup> )              | 30                       |
| 30-300                                                         | 27.5                          | 0.073                         | 0.2                                 | 30                       |
| 300-1500                                                       | /                             | /                             | f/1500                              | 30                       |
| 1500-100,000                                                   | /                             | /                             | 1.0                                 | 30                       |

F=frequency in MHz  
 \*=Plane-wave equivalent power density  
 RF exposure compliance will need to be determined with respect to 1.1307(c) and (d) of the FCC rules. The emissions should be within the limits at 300kHz in Table 1 of 1.1310(use the 300kHz limits for 150kHz:614V/m,1.63A/m).

#### 6.1.1 E.U.T. Operation

Operating Environment:

Temperature: 19.7 °C

Humidity: 64.5 % RH

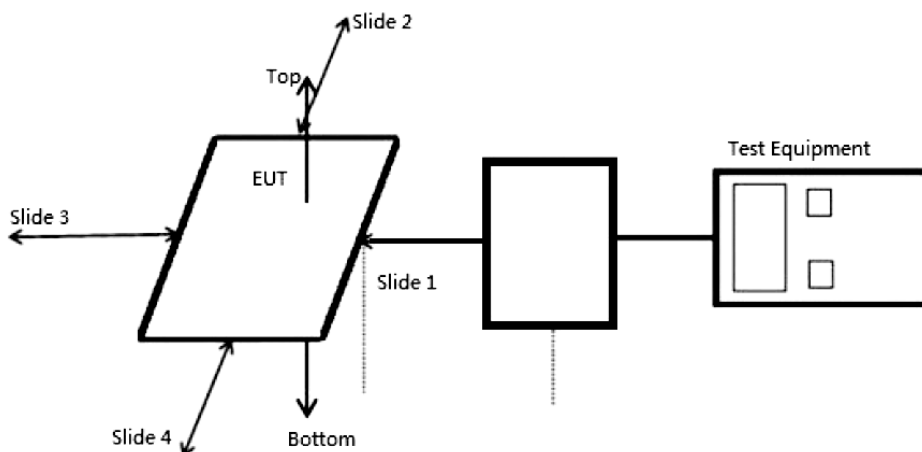
Atmospheric Pressure: 1006 mbar



### 6.1.2 Test Mode Description

| Pre-scan /<br>Final test | Mode<br>Code | Description                                                                                                                                                                                                    |
|--------------------------|--------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Final test               | 00           | This device has been tested the worst status of full load and the device has been tested with mobile phone at zero charge, intermediate charge, and full charge, power supplied by AC/DC adapter.              |
| Pre-scan                 | 06           | This device has been tested the worst status of full load and the device has been tested with mobile phone at zero charge, intermediate charge, and full charge, power supplied by self generated electricity. |

### 6.1.3 Test Setup Diagram



## 6.1.4 Measurement Procedure and Data

| Output Voltage= DC 5 V; The max output power = 10 W; Calculation of resistor value=2.5 Ω |               |               |                           |           |           |        |
|------------------------------------------------------------------------------------------|---------------|---------------|---------------------------|-----------|-----------|--------|
| Electric Field Emissions                                                                 |               |               |                           |           |           |        |
| Operation frequency                                                                      | Test Distance | Test Position | Probe Measure Result(V/m) |           |           | Limit  |
|                                                                                          | (cm)*         |               | unload                    | Half load | full load | (V/m)  |
| 182 kHz which is the worst case within the operation frequency range                     | 20            | Side 1        | 1.71                      | 1.83      | 1.77      | <=614  |
|                                                                                          |               | Side 2        | 1.67                      | 1.74      | 1.65      |        |
|                                                                                          |               | Side 3        | 1.46                      | 1.48      | 1.39      |        |
|                                                                                          |               | Side 4        | 1.37                      | 1.38      | 1.18      |        |
|                                                                                          |               | Top           | 1.43                      | 1.84      | 1.55      |        |
|                                                                                          |               | Bottom        | 1.34                      | 1.43      | 1.06      |        |
|                                                                                          |               |               |                           |           |           |        |
| Magnetic Field Emissions                                                                 |               |               |                           |           |           |        |
| Operation frequency                                                                      | Test Distance | Test Position | Probe Measure Result(A/m) |           |           | Limit  |
|                                                                                          | (cm)*         |               | unload                    | Half load | full load | (A/m)  |
| 182 kHz which is the worst case within the operation frequency range                     | 20            | Side 1        | 0.06                      | 0.05      | 0.06      | <=1.63 |
|                                                                                          |               | Side 2        | 0.07                      | 0.07      | 0.08      |        |
|                                                                                          |               | Side 3        | 0.05                      | 0.06      | 0.09      |        |
|                                                                                          |               | Side 4        | 0.09                      | 0.08      | 0.07      |        |
|                                                                                          |               | Top           | 0.09                      | 0.05      | 0.08      |        |
|                                                                                          |               | Bottom        | 0.06                      | 0.08      | 0.06      |        |
|                                                                                          |               |               |                           |           |           |        |

Mobile phone has been charged at zero charge, intermediate charge, and full charge.

### Electric Field Emissions

| Operation frequency                                                  | Test Distance | Test Position | Probe Measure Result(V/m) |                     |             | Limit |
|----------------------------------------------------------------------|---------------|---------------|---------------------------|---------------------|-------------|-------|
|                                                                      | (cm)*         |               | zero charge               | intermediate charge | full charge | (V/m) |
| 182 kHz which is the worst case within the operation frequency range | 20            | Side 1        | 1.50                      | 1.81                | 1.54        | <=614 |
|                                                                      |               | Side 2        | 1.62                      | 1.72                | 1.53        |       |
|                                                                      |               | Side 3        | 1.01                      | 1.45                | 1.02        |       |
|                                                                      |               | Side 4        | 0.92                      | 1.33                | 0.88        |       |
|                                                                      |               | Top           | 1.47                      | 1.82                | 1.47        |       |
|                                                                      |               | Bottom        | 1.57                      | 1.57                | 1.41        |       |

### Magnetic Field Emissions

| Operation frequency                                                  | Test Distance | Test Position | Probe Measure Result(A/m) |                     |             | Limit  |
|----------------------------------------------------------------------|---------------|---------------|---------------------------|---------------------|-------------|--------|
|                                                                      | (cm)*         |               | zero charge               | intermediate charge | full charge | (A/m)  |
| 182 kHz which is the worst case within the operation frequency range | 20            | Side 1        | 0.09                      | 0.05                | 0.05        | <=1.63 |
|                                                                      |               | Side 2        | 0.09                      | 0.08                | 0.06        |        |
|                                                                      |               | Side 3        | 0.07                      | 0.09                | 0.08        |        |
|                                                                      |               | Side 4        | 0.05                      | 0.06                | 0.07        |        |
|                                                                      |               | Top           | 0.07                      | 0.08                | 0.06        |        |
|                                                                      |               | Bottom        | 0.08                      | 0.05                | 0.06        |        |

\*Remark: The test distance 20 cm was the worst case of all the distance declared in user manual by applicant.

So the device meets the RF exposure and without SAR test.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <https://www.sgs.com/en/Terms-and-Conditions>. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: [CN.Doccheck@sgs.com](mailto:CN.Doccheck@sgs.com)

SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch (EMC Laboratory)

No.198, Kezhu Road, Science City, Economic & Technological Development Area, Guangzhou, Guangdong, China 510663  
中国·广东·广州高新技术产业开发区科学城科珠路198号 邮编: 510663

t (86-20) 82155555 www.sgsgroup.com.cn  
t (86-20) 82155555 sgs.china@sgs.com

## 7 Test Setup Photo

Refer to Appendix - Test Setup Photo for GZCR250700111403



## 8 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for GZCR2507001114HS

- End of the Report -

