



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

EMC-TRF-03 Rev 2.0

Report No.: GZCR250700110703

Page: 1 of 13

FCC ID: 2BPJA-AF-8202

TEST REPORT

Application No.: GZCR2507001107HS
Applicant: Anatomy Fitness Co LLC
Address of Applicant: 7901 4th St N STE 300, ST Petersburg Florida 33702
Manufacturer: Anatomy Fitness Co LLC
Address of Manufacturer: 7901 4th St N STE 300, ST Petersburg Florida 33702
Product Name: ELLIPTICAL / LED
Model No.: AF-8202
Trade Mark: 
Standard(s) : 47 CFR Part 1.1310
KDB 680106 D01 Wireless Power Transfer v04
Date of Receipt: 2025-07-21
Date of Test: 2025-08-25
Date of Issue: 2025-10-11

Test Result:

Pass*

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



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Guangzhou Branch Testing Center EEC Laboratory

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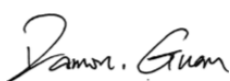
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Revision Record			
Version	Report No.	Date	Remark
01	GZCR250700110703	2025-10-11	Original

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.

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4 General Information

4.1 Details of E.U.T.

Power supply: Power supplied by AC/DC adapter or self generated electricity.

AC/DC adapter Model: GQ24-120200-AG

Input: AC 100-240V 50/60Hz 1.0A Max

Output: DC 12.0V 2.0A 24.0W

Cable(s): About 1.6m x 2 wires unscreened DC output cable for AC/DC adapter.

RF character Please refer to the report GZCR250700110702 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
Magnetic field strength	MF:U=0.13dB,EF:U=0.4dB
Remark: The U_{lab} (lab Uncertainty) is less than U_{etsi} (ETSI Uncertainty), so the test results – compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit; – non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.	

4.3 Description of Support Units

Description	Manufacturer	Model No.	Serial No.
Mobile Phone	APPLE	iPhone 12 mini	F71DP3NG0GQY
Wireless charge load	YBZ	MPP25W	/

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.



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4.5 Test Facility

The 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



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5 Equipment List

Field strength					
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date
743 Compact 3m Semi-Anechoic Chamber	ChangZhou ZhongYu	N/A	EMC0525	2022-10-16	2025-10-15
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



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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 ²)	Averaging time (minutes)
(A) Limits for Occupational/Controlled Exposures				
0.3-3.0	614	1.63	*(100)	6
3.0-30	1842/f	4.89/f	*(900/f ²)	6
30-300	61.4	0.163	1.0	6
300-1500	/	/	f/300	6
1500-100,000	/	/	5	6
(B) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	30
1.34-30	824/f	2.19/f	*(180/f ²)	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



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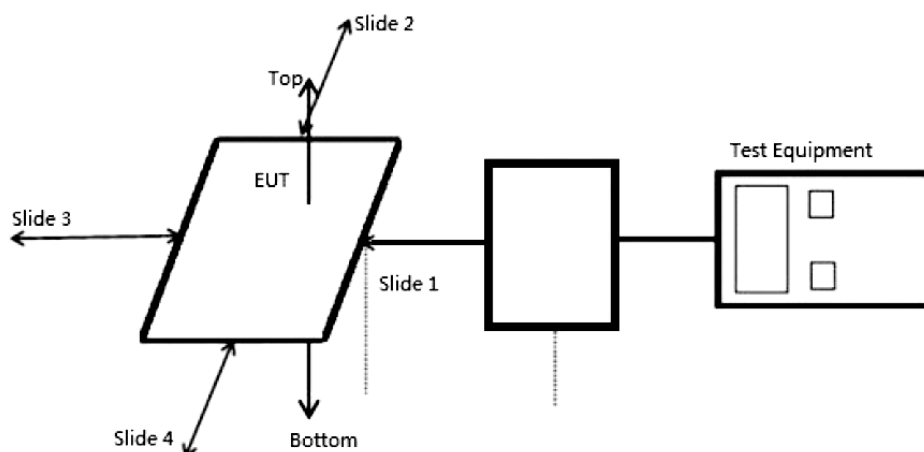
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6.1.2 Test Mode Description

Pre-scan / Final test	Mode 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



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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)
176 kHz which is the worst case within the operation frequency range	20	Side 1	1.66	1.73	1.62	<=614
		Side 2	1.68	1.74	1.35	
		Side 3	1.06	1.42	0.96	
		Side 4	1.01	1.36	0.88	
		Top	1.84	1.89	1.80	
		Bottom	1.18	1.36	1.30	

Magnetic Field Emissions

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

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)
176 kHz which is the worst case within the operation frequency range	20	Side 1	1.40	1.71	1.58	<=614
		Side 2	1.38	1.69	1.41	
		Side 3	1.13	1.44	1.09	
		Side 4	1.07	1.32	0.82	
		Top	1.72	1.87	1.52	
		Bottom	1.04	1.15	0.85	



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Magnetic Field Emissions						
Operation frequency	Test Distance	Test Position	Probe Measure Result(A/m)			Limit
	(cm)*		zero charge	intermediate charge	full charge	(A/m)
176 kHz which is the worst case within the operation frequency range	20	Side 1	0.05	0.09	0.05	<=1.63
		Side 2	0.09	0.06	0.08	
		Side 3	0.07	0.09	0.05	
		Side 4	0.08	0.09	0.08	
		Top	0.09	0.07	0.07	
		Bottom	0.06	0.06	0.05	
*Remark: The test distance 20 cm was the worst case of all the distance declared in user manual by applicant.						

*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.



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7 Test Setup Photo

Refer to Appendix - Test Setup Photo for GZCR250700110703.



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8 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for GZCR2507001107HS

- End of the Report -



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