



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


EMC-TRF-03 Rev 1.1

Report No.: GZCR241200157503

Page: 1 of 8

FCC ID: 2BNY3-SFT724064

# RF EXPOSURE EVALUATION REPORT

**Application No.:** GZCR2412001575HS  
**Applicant:** SUNNY DISTRIBUTOR INC  
**Address of Applicant:** 13000 Temple Ave, City of Industry, CA 91746, United States Of America  
**Manufacturer:** Amoy YG Sports Technology Co., Ltd  
**Address of Manufacturer:** Room 505, North of Chengye Building, Pioneer Park, Torch High-tech Zone, Xiamen, Fujian, China  
**Factory:** XIAMEN MYDO SPORTS EQUIPMENT CO., LTD  
**Address of Factory:** NO.193 Fulian West Road, Dongfu Street, Haicang District, Xiamen, Fujian, China  
**Product Name:** Treadpad 100 Smart Walking Treadmill  
**Model No.:** SF-T724064, TW141A, ASIN:BODMGF2DSC, SF-T724664, SF-T724764, SF-T724864, SF-T724964, TW141\*(\*=B-Z) ■  
■ Please refer to section 2 of this report which indicates which model was actually tested and which were electrically identical.  
**Trade Mark:**   
**Standard(s) :** 47 CFR Part 2.1093  
**Date of Receipt:** 2024-12-30  
**Date of Evaluation:** 2025-01-14 to 2025-01-14  
**Date of Issue:** 2025-03-31

**Evaluation Result:**

**Pass\***

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

Ricky Liu

Ricky Liu  
Manager



SGS-CSTC Standards Technical Services Co., Ltd.  
Guangzhou Branch Testing Center EEC Laboratory

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Revision Record			
Version	Report No.	Date	Remark
01	GZCR241200157503	2025-03-31	Original

Authorized for issue by:			
		Pank Feng	
		Pank Feng/Project Engineer	
		Vico Cui	
		Vico Cui/Reviewer	



## 2 Evaluation Summary

Item	Standard	Method	Requirement	Result
RF Exposure	47 CFR Part 2.1093	47 CFR Part 2.1093	47 CFR Part 2.1093	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.

**■ Declaration of EUT Family Grouping:**

**Model No.:** SF-T724064, TW141A, ASIN:BODMGF2DSC, SF-T724664, SF-T724764, SF-T724864, SF-T724964, TW141\*(\*=B-Z)

According to the declaration from the applicant, the electrical circuit design, layout, components used and internal wiring were identical for all models, with only difference on model name.

Therefore only one model **SF-T724064** was tested in this report.



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## 4 General Information

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

Power supply: AC 120V 60Hz for main unit (433.92 MHz receiver only)  
DC 3 V (2\*AAA size batteries) for remote control (433.92 MHz transmitter)

Cable(s): AC mains cable: 3 wires about 1.8m unshielded

Operation Frequency: 433.92MHz

Channel Numbers: 1

Modulation Type: ASK

Antenna Type: PCB Antenna

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 Evaluating 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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## 4.3 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.

## 4.4 Deviation from Standards

None

## 4.5 Abnormalities from Standard Conditions

None



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## 5 Technical Requirements Specification

### 5.1 RF Exposure Evaluation

#### 5.1.1 Limit & Test Method

KDB447498D01 General RF Exposure Guidance v06

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances  $\leq 50$  mm are determined by:

$$\frac{[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}]}{\leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR, where}}$$

- $f(\text{GHz})$  is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation<sup>17</sup>
- The result is rounded to one decimal place for comparison

The test exclusions are applicable only when the minimum test separation distance is  $\leq 50$  mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is  $< 5$  mm, a distance of 5 mm is applied to determine SAR test exclusion

#### 5.1.2 Conclusion

1, Maximum transmit power

The Power Data is based on the RF Test Report

GZCR241200157502.

Test Mode	Test Channel[MHz]	Power[dBuV/m]	Test distance[m]
ASK	433.92	61.86	10

2, RF Exposure Calculation

The max Radiated Power is 61.86 dBuV/m@ 10 m.

According to the formula, calculate the P test result:

$$E(\text{dBuV/m})@0.005\text{m} = E(\text{dBuV/m})@3\text{m} + 20 \cdot \log[E(\text{dBuV/m})@0.005\text{m} + 10/0.005] = 127.88 \text{ (dBuV/m)}@0.005\text{m}$$

$$E(\text{V/m})@0.005\text{m} = 10^{[E(\text{dBuV/m})@0.005\text{m}/20]} \cdot 10^{-6} = 2.4776 \text{ (V/m)}@0.005\text{m}$$

$$P = (E \cdot d)^2 / 30 = 0.0051 \text{ mW}$$

	Evaluation method	Exempt Limit(mW)	Verdict
<input checked="" type="checkbox"/>	Blanket 1 mW Blanket Exemption	1mW	Yes
<input type="checkbox"/>	MPE-based Exemption(ERP)	7mW(ERP)	--
<input type="checkbox"/>	SAR-based Exemption( $P_{th}$ )	2.744mW	--

So, the SAR report is not required.

## 6 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for GZCR2412001575HS

- End of the Report -



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