RF EXPOSURE REPORT

For

Quanzhou WenTeLai Import and Export Trade Co., Ltd.

Room 2207, Building 1, Vanke Phase I, No. 209 Fuxi Road, Fengze District, Quanzhou City, Fujian Province, China

FCC ID: 2BH4T-VP01

Report Type:	Product Name:
Original Report	Vertical Vibration Exercise Plate

Report Number:	2407A42902E-RF-02
Report Date:	2025-03-13
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REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	2407A42902E-RF-02	R1V1	2025-03-13	Initial Release

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Applicant:	Quanzhou WenTeLai Import and Export Trade Co., Ltd.
Product Name:	Vertical Vibration Exercise Plate
Tested Model:	VP-01
Power Supply:	AC 120V/60Hz
Maximum Peak Conducted Output Power:	-2.2 dBm
Operating Band/Frequency:	2402-2480MHz
Antenna Type:	PCB Antenna
★Maximum Antenna Gain:	-1.42 dBi
EUT Received Status:	Good

Note:
1. The Maximum Antenna Gain was declared by manufacturer.
2. All measurement and test data in this report was gathered from production sample serial number: 2W7C-1 (Assigned by the BACL(Xiamen). The EUT supplied by the applicant was received on 2024-12-18)

RF EXPOSURE EVALUATION

Applicable Standard

According to§2.1093, systems operating under the provisions of this section shall be operated in a manner that ensure that the public is not exposed to radio frequency energy level in excess of the Commission's guideline

According to KDB447498 D01 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 < 50 mm are determined by:
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] - [√f(GHz)] < 3.0 for 1-g SAR and < 7.5 for 10-g extremity SAR, where

f(GHz) is the RF channel transmit frequency in GHz
Power and distance are rounded to the nearest mW and mm before calculation
The result is rounded to one decimal place for comparison
3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

The test exclusions are applicable only when the minimum test separation distance is ≤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 according to 5) in section 4.1 is applied to determine SAR test exclusion.

Measurement Result

The max conducted power including tune-up tolerance is -2 dBm (0.63 mW).
[(max. power of channel, mW)/(min. test separation distance, mm)][√f(GHz)]
=0.63/5*(√2.480) = 0.20< 3.0

Note: The max conducted power including tune-up tolerance is provided by manufacturer.

Result: Compliant. The stand-alone SAR evaluation is not necessary

APPENDIX A - EUT PHOTOGRAPHS

Please refer to the attachment 2407A42902E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2407A42902E-RF-INP EUT INTERNAL PHOTOGRAPHS.

Declarations

1. Bay Area Compliance Laboratories Corp. (Xiamen) is not responsible for authenticity of any information provided by the applicant. Information from the applicant that may affect test results are marked with an asterisk "★".

2. Unless otherwise stated, the results shown in this test report refer only to the sample(s) tested.

3. Unless required by the rule provided by the applicant or product regulations, then decision rule in this report did not consider the uncertainty.

4. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor k=2 with the 95% confidence interval.

5. This report cannot be reproduced except in full, without prior written approval of Bay Area Compliance Laboratories Corp. (Xiamen).

6. This report is valid only with a valid digital signature. The digital signature may be available only under the adobe software above version 7.0.

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