RF EXPOSURE REPORT

For

SHANTOU SUBOTECH TOY Co., LTD.

XIN XINGHUA ROAD, CHENGHUA DISTRICT, CHENGHAI OF SHANTOU, CHINA

FCC ID: 2A4PA-BG1544

Report Type:	**Product Name:**
Original	Remote controller

Report Number:	2507S22551E-RF -02
Report Date:	2025-05-28
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REPORT REVISION HISTORY

Number of Revisions	Report No.	Version	Issue Date	Description
0	2507S22551E-RF-02	R1V1	2025-05-28	Initial Release

GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

Applicant:	SHANTOU SUBOTECH TOY Co., LTD.
Product Name:	Remote controller
Tested Model:	BG1544
Power Supply:	DC 3V from Battery
RF Function:	SRD
Operating Band/Frequency:	2420MHz, 2442MHz, 2464MHz
Channel Number:	3
Modulation Type:	GFSK
Antenna Type:	PCB Antenna
★Maximum Antenna Gain:	0.59 dBi
Note: *1. The maximum antenna gain is provided by the applicant.* 2. *All measurement and test data in this report was gathered from production sample serial number: 31Z6-1 (Assigned by the BACL (Xiamen). The EUT supplied by the applicant was received on 2025-04-25)*	

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Xiamen) to collect test data is located on the Unit 102, No. 902 Meifeng South Road, Binhai West Avenue, Science and Technology Innovation Park, Torch High tech Zone XiaMen.

Bay Area Compliance Laboratories Corp. (Xiamen) Lab is accredited to ISO/IEC 17025 by A2LA (Certificate Number: 7134.01) and the lab has been recognized as the FCC accredited lab under the KDB 974614 D01, the FCC Designation No. : CN1384.

RF EXPOSURE EVALUATION

Applicable Standard

§1.1307(b)(3)(i) For single RF sources (i.e., any single fixed RF source, mobile device, or portable device, as defined in paragraph (b)(2) of this section): A single RF source is exempt if:

(A) The available maximum time-averaged power is no more than 1 mW, regardless of separation distance. This exemption may not be used in conjunction with other exemption criteria other than those in paragraph (b)(3)(ii)(A) of this section. Medical implant devices may only use this exemption and that in paragraph (b)(3)(ii)(A).

Measurement Result

Maximum EIRP		1-mW Test Exemption
dBm	mW	
-11.54	0.07	Compliant

Note:
1. This device maximum E-Field level is 83.66 dBμV/m at 3m, so the EIRP power is -11.54dBm.
2. E[dBuV/m] = EIRP[dBm] + 95.2, for d = 3 m

Result: Compliant. RF Exposure is exemption.

EUT PHOTOGRAPHS

Please refer to the attachment 2507S22551E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2507S22551E-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.

******* END OF REPORT *******