

RF Exposure Evaluation Report

Applicant: Bestter(Xiamen) Technology Inc.

Address of Applicant: No.601 Tonghong Road, Tong'an Park, Tong'an Industrial Zone, Xiamen City, Fujian Province, China

Equipment Under Test (EUT)

Product Name: Remote control

Model No.: T162A-ZC17, T20-ZC17 ,T04-ZC17, T05-ZC17 , B01-ZC17

FCC ID: 2BA29GC210741

Applicable standards: KDB 447498 D04 Interim General RF Exposure Guidance v01

Date of sample receipt: April 20, 2023

Date of Test: April 25, 2023 to May 05, 2023

Date of report issue: May 08, 2023

Test Result: PASS

This report details the results of the testing carried out on one sample. The results contained in this test report do not relate to other samples of the same product and does not permit the use of the JYT product certification mark. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

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1 Modified Information

Version No.	Date	Description
00	May 08, 2023	Original

Prepared by:

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Date:

May 08, 2023

Leo zhang/ Project Engineer

Reviewed by:

Louis ye

Date:

May 08, 2023

Louis ye/Manager

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3 General Information

3.1 Client Information

Applicant:	Bestter(Xiamen) Technology Inc.
Address:	No.601 Tonghong Road, Tong'an Park, Tong'an Industrial Zone, Xiamen City, Fujian Province, China
Manufacturer/Factory:	Bestter(Xiamen) Technology Inc.
Address:	No.601 Tonghong Road, Tong'an Park, Tong'an Industrial Zone, Xiamen City, Fujian Province, China

3.2 General Description of E.U.T.

Product Name:	Remote control
Model No.:	T162A-ZC17, T20-ZC17, T04-ZC17, T05-ZC17, B01-ZC17
Operation Frequency:	433.92MHz
Modulation technology:	FSK
Antenna Type:	PCB antenna
Antenna gain:	-15dBi
Test Sample Condition:	The test samples were provided in good working order with no visible defects.
Remark:	The model No. T162A-ZC17, T20-ZC17, T04-ZC17, T05-ZC17 and B01-ZC17 are identical in schematic and structure, only the models name is different for all the models, therefore the test performed on the model T162A-ZC17.

3.3 Operating Modes

Operating mode	Detail description
Transmitting mode	Keep the EUT in transmitting mode with modulation (new battery used)

3.4 Additions to, deviations, or exclusions from the method

No

3.5 Laboratory Facility

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

● **FCC - Designation No.: CN1279**

Jianyan Testing Group Co., Ltd. has been accredited as a testing laboratory by FCC(Federal Communications Commission). The test firm Registration No. is 892155.

● **ISED – CAB identifier.: CN0102**

Jianyan Testing Group Co., Ltd. has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements with ISED#:26114.

● **CNAS - Registration No.: CNAS L0658**

Jianyan Testing Group Co., Ltd. is accredited to ISO/IEC 17025:2005 General Requirements for the Competence of Testing and Calibration laboratories for the competence of testing. The Registration No. is CNAS L0658.

● **A2LA - Registration No.: 5568.01**

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. The test scope can be found as below link: <https://portal.a2la.org/scopepdf/5568-01.pdf>

3.6 Laboratory Location

JianYan Testing Group Co., Ltd.
Address: No.760, Fengling Road, Tong'an District, Xiamen, Fujian, China
Tel: +86-592-2273071, Fax: +86-592-2273700
Email: info-jytee@lets.com, Website: <http://jyt.lets.com>

4 Technical Requirements Specification

4.1 Limits

Per § 1.1307(b)(3)(i)(A), a single RF source is exempt RF device (from the requirement to show data demonstrating compliance to RF exposure limits, as previously mentioned) if the available maximum time-averaged power is no more than 1 mW, regardless of separation distance.

This exemption applies to all operating configurations and exposure conditions, for the frequency range 100 kHz to 100 GHz, regardless of fixed, mobile, or portable device exposure conditions. This is a standalone exemption, and it cannot be applied in conjunction with any other test exemption.

4.2 Result

Frequency(MHz)	Maximum Tune-up Power(ERP)		1-mW Test Exemption
	dBm	mW	
433.92	-17.15	0.02	YES

Remark 1: $E(\text{dBuV/m}) = \text{EIRP}(\text{dBm}) - 95.2$ for distance 3m

so the $\text{EIRP} = 79.67 \text{ dBuV/m} - 95.2 = -15.53 \text{ dBm}$

2: The tune-up EIRP was -15 dBm (declared by the applicant)

3: $\text{EIRP}(\text{dBm}) = \text{ERP} + 2.15 \text{ dB}$, so the $\text{ERP} = -15 \text{ dBm} - 2.15 \text{ dB} = -17.15 \text{ dB}$

4.3 Conclusion

The device is exempt from the RF exposure evaluation.

-----End of report-----