

## RF Exposure Evaluation Report

Report Reference No.: **MTEB24080205-H**

FCC ID.: **2BH7Y-S0008**

Compiled by

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Date of issue: August 15,2024

Representative Laboratory Name : **Shenzhen Most Technology Service Co., Ltd.**

Address : No.5, 2nd Langshan Road, North District, Hi-tech Industrial Park, Nanshan, Shenzhen, Guangdong, China.

Applicant's name : **Youya (Guangzhou) Daily Products Co., Ltd**

Address : Room 208, No.28, Helong Street, Pengshang South Road, Baiyun District, Guangzhou, Guangdong Province, China

Test specification/ Standard : **47 CFR Part 1.1307**

**47 CFR Part 2.1093**

TRF Originator : Shenzhen Most Technology Service Co., Ltd.

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Test item description : Baby Swing Chair

Trade Mark : N/A

Model/Type reference : S0008

Listed Models : N/A

Modulation Type : GFSK, π/4DQPSK, 8DPSK

Operation Frequency : From 2402MHz to 2480MHz

Hardware Version : YY001-V1.0

Software Version : YY001\_cdfc

Rating : DC 5V by USB Port

DC 6V by Batteries

Result : PASS

## TEST REPORT

Equipment under Test : Baby Swing Chair

Model /Type : S0008

Listed Models : N/A

Remark : N/A

Applicant : Youya (Guangzhou) Daily Products Co., Ltd

Address : Room 208, No.28, Helong Street, Pengshang South Road, Baiyun District, Guangzhou, Guangdong Province, China

Manufacturer : Youya (Guangzhou) Daily Products Co., Ltd

Address : No. 66, Hesui Industrial Avenue, Dongfeng Town, Zhongshan, Guangdong Province, China

<b>Test Result:</b>	<b>PASS</b>
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The test report merely corresponds to the test sample.

It is not permitted to copy extracts of these test result without the written permission of the test laboratory.

## 1. Revision History

Revision	Issue Date	Revisions	Revised By
00	2024.08.15	Initial Issue	Alisa Luo

## **2. SAR Evaluation**

### **2.1 RF Exposure Compliance Requirement**

#### **2.1.1 Standard Requirement**

According to KDB447498D01 General RF Exposure Guidance v06

##### **4.3.1. Standalone SAR test exclusion considerations**

Unless specifically required by the published RF exposure KDB procedures, standalone 1-g head or body and 10-g extremity SAR evaluation for general population exposure conditions, by measurement or numerical simulation, is not required when the corresponding SAR Exclusion Threshold condition, listed below, is satisfied.

#### **2.1.2 Limits**

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:

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

$f(\text{GHz})$  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

### 2.1.3 EUT RF Exposure

#### Measurement Data

##### EDR

GFSK			
Test channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power
			(dBm)
Lowest(2402MHz)	0.264	0.264±1	1.264
Middle(2441MHz)	-0.323	-0.323±1	0.677
Highest(2480MHz)	-1.026	-1.026±1	-0.026

##### $\pi/4$ DQPSK

Test channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power
			(dBm)
Lowest(2402MHz)	1.073	1.073±1	2.073
Middle(2441MHz)	0.505	0.505±1	1.505
Highest(2480MHz)	-0.186	-0.186±1	0.814

##### 8DPSK

Test channel	Peak Output Power (dBm)	Tune up tolerance (dBm)	Maximum tune-up Power
			(dBm)
Lowest(2402MHz)	1.433	1.433±1	2.433
Middle(2441MHz)	0.896	0.896±1	1.896
Highest(2480MHz)	0.215	0.215±1	1.215

##### Worst case: 8DPSK

Channel	Maximum Peak Conducted Output Power (dBm)	Maximum tune-up Power		Calculated value	Exclusion threshold	SAR Test Exclusion
		(dBm)	(mW)			
Lowest(2402MHz)	1.433	2.433	1.75	0.54	3.0	Yes

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