



## SAR Evaluation Report

**Application No.:** SZEM1910019199CR(SGS SZ No.:T5191029011EM)  
**Applicant:** Foshan Baby Bear Technology Co., Ltd  
**Address of Applicant:** No. 11-3, XingYeZhong Road, Changjiao Residential Committee, Lunjiao, Shunde, Foshan, China 528300  
**Manufacturer / Supplier:** FOSHAN BABY BEAR TECHNOLOGY CO., LTD  
**Buyer / Importer:** Dream On Me Inc.  
**Equipment Under Test (EUT):**  
**EUT Name:** Multi-Function Electric Swing BB201  
**Model No.:** BB201 (#383)  
**Requested Age Grading:** 0-9months  
**Country of Origin:** CHINA  
**Country of Destination:** AMERICA  
**FCC ID:** 2ATQH-BB201  
**Standards:** 47 CFR Part 1.1307  
47 CFR Part 2.1093  
KDB447498D01 General RF Exposure Guidance v06  
**Date of Receipt:** 2019-10-12  
**Date of Test:** 2019-10-15 to 2019-10-20  
**Date of Issue:** 2019-10-24

|                      |              |
|----------------------|--------------|
| <b>Test Result :</b> | <b>PASS*</b> |
|----------------------|--------------|

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

Kenx. Xu

Kenx Xu  
EMC Laboratory Manager



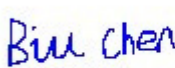
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## 2 Version

| Revision Record |         |            |          |          |
|-----------------|---------|------------|----------|----------|
| Version         | Chapter | Date       | Modifier | Remark   |
| 01              |         | 2019-10-24 |          | Original |
|                 |         |            |          |          |
|                 |         |            |          |          |

|                          |  |                                                                                     |  |  |
|--------------------------|--|-------------------------------------------------------------------------------------|--|--|
| Authorized for issue by: |  |                                                                                     |  |  |
|                          |  |    |  |  |
|                          |  | Bill Chen /Project Engineer                                                         |  |  |
|                          |  |  |  |  |
|                          |  | Eric Fu /Reviewer                                                                   |  |  |



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## 4 General Information

### 4.1 General Description of EUT

|                             |                                                                                                                                                            |
|-----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power supply:               | Adapter;<br>Model No.:HP06A-0501000-AVU-U<br>Input:AC 100-240V 50/60Hz 0.3A<br>Output:DC 5V 1000mA<br>Remort control:DC 3.0V by 3.0V x 1"CR2025" batteries |
| Cable:                      | USB cable:198cm unshielded                                                                                                                                 |
| Operation Frequency:        | 2402MHz to 2480MHz                                                                                                                                         |
| Bluetooth Version:          | V4.2                                                                                                                                                       |
| Spectrum Spread Technology: | Frequency Hopping Spread Spectrum(FHSS)                                                                                                                    |
| Modulation Type:            | GFSK, $\pi/4$ DQPSK                                                                                                                                        |
| Number of Channels:         | 79                                                                                                                                                         |
| Channel Spacing:            | 1MHz                                                                                                                                                       |
| Antenna Type:               | PCB Antenna                                                                                                                                                |
| Antenna Gain:               | -0.58dBi                                                                                                                                                   |



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## 4.2 Test Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd. Shenzhen Branch

No. 1 Workshop, M-10, Middle section, Science & Technology Park, Shenzhen, Guangdong, China  
518057

Telephone: +86 (0) 755 2601 2053 Fax: +86 (0) 755 2671 0594

No tests were sub-contracted.

## 4.3 Test Facility

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

- **A2LA (Certificate No. 3816.01)**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 3816.01.

- **VCCI**

The 3m Fully-anechoic chamber for above 1GHz, 10m Semi-anechoic chamber for below 1GHz, Shielded Room for Mains Port Conducted Interference Measurement and Telecommunication Port Conducted Interference Measurement of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: G-20026, R-14188, C-12383 and T-11153 respectively.

- **FCC –Designation Number: CN1178**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized as an accredited testing laboratory.

Designation Number: CN1178. Test Firm Registration Number: 406779.

- **Innovation, Science and Economic Development Canada**

SGS-CSTC Standards Technical Services Co., Ltd., Shenzhen EMC Laboratory has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0006.

IC#: 4620C.



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#### **4.4 Deviation from Standards**

None.

#### **4.5 Abnormalities from Standard Conditions**

None.

#### **4.6 Other Information Requested by the Customer**

None.



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## 5 SAR Evaluation

### 5.1 RF Exposure Compliance Requirement

#### 5.1.1 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.

#### 5.1.2 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:

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

$f(\text{GHz})$  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

#### 5.1.3 EUT RF Exposure

The Max. power (including tune-up tolerance) is  $-1.35$  dBm on the lowest channel  $2.402$  GHz (\*)  
 $-1.35$  dBm logarithmic terms convert to numeric result is nearly  $0.73$  mW

According to the formula. calculate the test exclusion thresholds:

$$\left[ \frac{\text{max. power of channel, including tune-up tolerance, mW}}{\text{min. test separation distance, mm}} \right] \cdot \sqrt{f(\text{GHz})}$$

$$\text{General RF Exposure} = (0.73 \text{ mW} / 5 \text{ mm}) \times \sqrt{2.402 \text{ GHz}} = 0.23 \quad (1)$$

SAR requirement:

$$S = 3.0 \quad (2)$$

$(1) < (2)$

So the SAR report is not required.

(\*) Max. power refer to Report No.:SZEM191001919902

- End of the Report -