RF EXPOSURE EVALUATION REPORT

Application No.:	GZCR2111021384AT
Applicant:	Happiest Baby Inc.
Address of Applicant:	3115 S. La Cienega Blvd, Los Angeles, CA 90016, America
Manufacturer:	Happiest Baby Inc.
Address of Manufacturer:	3115 S. La Cienega Blvd, Los Angeles, CA 90016, America
Factory:	Jetta (Guang Zhou) Industries Co., Ltd.
Address of Factory:	163 Cheng Ao Da Dao Dong Lu, Chengjiao Jie, Cong Hua, Guang Zhou City, Guangdong Province, P.R. China
Equipment Under Test (EUT):	
EUT Name:	SNOO
Model No.:	S1000
FCC ID:	2AH7Y-101067400
Standard(s) :	47 CFR Part 1.1307
	KDB447498 D01 General RF Exposure Guidance v06
Date of Receipt:	2021-07-09
Date of Evaluation:	2021-07-27
Date of Issue:	2021-07-27 (for original report GZCR210702056601)
	2021-11-25 (for copy report GZCR210702056602)
Evaluation Result:	**Pass***

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

Kobe Jian
EMC Laboratory Manager

Revision Record				
Version	**Chapter**	**Date**	**Modifier**	**Remark**
01		2021-07-27		Original
02		2021-11-25		Copy report: change the sound driver.

Authorized for issue by:				
		Kevin Zhang **Kevin Zhang/Project Engineer**		
		Ricky Liu **Ricky Liu/Reviewer**		

2 Evaluation Summary

Note:

E.U.T./EUT means Equipment Under Test.

Pass means the test result passed the test standard requirement, please find the detailed decision rule in the report relative section.

Remark for copy report GZCR210702056602

This test report (Ref. No.: GZCR210702056601) is only valid with the original test report (Ref. No.: GZCR210702056602), change the sound driver U8 from GPY0030C-HS01x to CE0030BS only (pin to pin, no change for PCB and circuit diagram.)

Considered the alternative driver did not affect the RF characterize, therefore no need further testing for this change and the original test data kept in this report GZCR210702056602.

SGS-CSTC Standards Technical Services Co., Ltd. Guangzhou Branch Testing Center EEC Laboratory.
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3 Contents

4 General Information

4.1 Details of E.U.T.

Power supply:	DC 12 V powered by AC/DC adapter as below: Model: AD0301-1202000D Input: AC 100-240 V, 50-60 Hz Output: DC 12 V, 2.0 A, 24 W
Cable(s):	For main unit: DC input ports For AC/DC adapter: AC mains cables (unshielded, 0.8 m) DC output cables (unshielded, 1.2 m)
Operation Frequency:	802.11b/g/n(HT20): 2412MHz to 2462MHz;802.11n(HT40): 2422MHz to 2452MHz
Modulation Type:	802.11b: DSSS (CCK, DQPSK, DBPSK);802.11g/n: OFDM (64QAM, 16QAM, QPSK, BPSK)
Number of Channels:	802.11b/g/n(HT20):11;802.11n(HT40):7
Channel Spacing:	5MHz
Antenna Type:	Integral Antenna
Antenna Gain:	1.0 dBi
Firmware Version:	SV01
Hardware Version:	Snoo Rev M 2019-08-22
Testing Software:	Putty_V0.63
Function:	Bassinet with Wi-Fi function

4.2 Evaluating Location

All tests were performed at:

SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou Branch EMC Laboratory,

198 Kezhu Road, Scientech Park, Guangzhou Economic & Technology Development District, Guangzhou, China 510663

Tel: +86 20 82155555 Fax: +86 20 82075059

No tests were sub-contracted.

4.3 Facility

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

- **NVLAP (Lab Code: 200611-0)**

SGS-CSTC Standards Technical Services Co., Ltd., Guangzhou EMC Laboratory is accredited by the National Voluntary Laboratory Accreditation Program (NVLAP/NIST). NVLAP Code: 200611-0.

The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the Federal Government.

- **ACMA**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory can also perform testing for the Australian/New Zealand Regulatory Compliance Mark (RCM).

- **SGS UK(Certificate No.: 32), SGS-TUV SAARLAND and SGS-FIMKO**

Have approved SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory as a supplier of EMC TESTING SERVICES and SAFETY TESTING SERVICES.

- **CNAS (Lab Code: L0167)**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been assessed and in compliance with CNAS-CL01:2018 accreditation criteria for testing laboratories (identical to ISO/IEC 17025:2017 General Requirements) for the Competence of Testing Laboratories.

- **FCC Recognized Accredited Test Firm(Registration No.: 486818)**

SGS-CSTC Standards Technical Services Co., Ltd., EMC Laboratory has been accredited and fully described in a report filed with the (FCC) Federal Communications Commission. The acceptance letter from the FCC is maintained in our files. Designation Number: CN5016, Test Firm Registration Number: 486818.

- **ISED (Registration No.: 4620B, CAB identifier: CN0052)**

SGS-CSTC Standards Technical Services Co., Ltd., has been registered by Innovation Science and Economic Development Canada for Wireless Device Testing laboratories to test to Canadian radio equipment requirements. Registration No. 4620B, CAB identifier: CN0052.

- **VCCI (Registration No.: R-12460, C-12584, G-20107 and T-11179)**

The 10m Semi-anechoic chamber, 966 Anechoic Chamber and Shielded Room of SGS-CSTC Standards Technical Services Co., Ltd. have been registered in accordance with the Regulations for Voluntary Control Measures with Registration No.: R-12460, C-12584, G-20107 and T-11179 respectively.

- **CBTL (Lab Code: TL129)**

SGS-CSTC Standards Technical Services Co., Ltd., E&E Laboratory has been assessed and fully comply with the requirements of ISO/IEC 17025:2017, the Basic Rules, IECEE 01 and Rules of procedure IECEE 02, and the relevant IECEE CB-Scheme Operational documents.

4.4 Deviation from Standards

None

4.5 Abnormalities from Standard Conditions

None

5 Technical Requirements Specification

5.1 General Description of Applied Standards

5.2 RF Exposure Evaluation

5.2.1 Limit & Test Method

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:

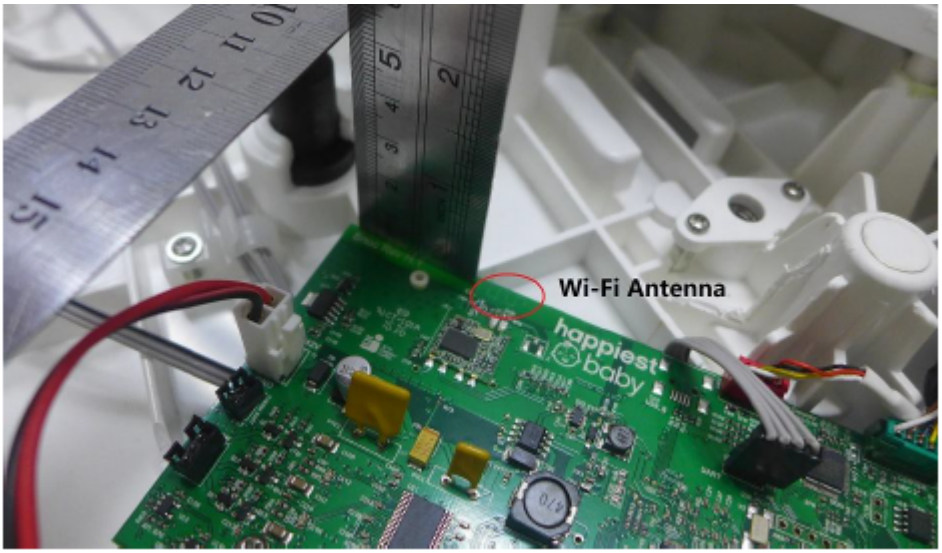
[(max. power of channel, including tune-up tolerance, mW)/(min. test separation distance, mm)] · [√f(GHz)] ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

- f(GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation[17]
- The result is rounded to one decimal place for comparison

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 is applied to determine SAR test exclusion

5.2.2 Conclusion

The separation distance is 50 mm as below:



The Max Conducted Peak Output Power is 13.68 dBm on the middel channel 2.437 GHz
10.86 dBm logarithmic terms convert to numeric result is nearly 23.33 mW
According to the formula. calculate the test exclusion thresholds:
[(max. power of channel, including tune-up tolerance, mW)/
(min. test separation distance, mm)] · [√f(GHz)]
General RF Exposure = (23.33 mW / 50 mm) x √2.437 GHz = 0.729 (1)
SAR requirement:
S = 3.0 (2)
(1) < (2)
So the SAR report is not required.

Note: Refer to report No. GZEM160800587101 for EUT test Max Conducted Peak Output Power value.

6 EUT Constructional Details (EUT Photos)

Refer to External and Internal Photos for GZCR2111021384AT

- End of the Report -