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VERITAS**

Test Report No.: FS140626N035



# RF EXPOSURE REPORT

Applicant	Brookstone, Inc.
Address	One Innovation Way, Merrimack, NH 03054 United States

Manufacturer or Supplier	Guangzhou Panyu Fantasia Creation Toys Co., Ltd
Address:	Block 3, Biaozhun Industrial Zone, Tai Shi Industrial Park, Dongyong, Panyu Guangzhou Guangdong China
Product	Baby to sleep
Brand Name	Brookstone
Model	8492640-1
Additional Model & Model Difference	N/A
Date of tests	Aug. 15 ~ Sep. 09, 2013

- ☒ **FCC Part 2 (Section 2.1091)**  
☒ **FCC OET Bulletin 65, Supplement C (01-01)**  
☒ **IEEE C95.1**

**CONCLUSION: The submitted sample was found to COMPLY with the test requirement**

Tested by Venless long Project Engineer / EMC Department	Approved by Glyn He Supervisor / EMC Department
	

Date: Jul. 09, 2014

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## RELEASE CONTROL RECORD

ISSUE NO.	REASON FOR CHANGE	DATE ISSUED
FS130815N020	Original release	Sep. 09, 2013
RS140626N035	Based on the original report RS130815N020 change applicant, model No. and FCC ID.	Jul. 09, 2014

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## 1. CERTIFICATION

**PRODUCT:** Baby to sleep

**BRAND NAME:** Brookstone

**MODEL NO.:** 8492640-1

**TEST SAMPLE:** Normal Sample

**APPLICANT:** Guangzhou Panyu Fantasia Creation Toys Co., Ltd

**TESTED DATE:** Sep. 09, 2013

**STANDARDS:** FCC Part 2 (Section 2.1091)  
FCC OET Bulletin 65, Supplement C (01-01)  
IEEE C95.1



## 2. RF EXPOSURE LIMIT

### LIMITS FOR MAXIMUM PERMISSIBLE EXPOSURE (MPE)

FREQUENCY RANGE (MHz)	ELECTRIC FIELD STRENGTH (V/m)	MAGNETIC FIELD STRENGTH (A/m)	POWER DENSITY (mW/cm <sup>2</sup> )	AVERAGE TIME (minutes)
LIMITS FOR GENERAL POPULATION / UNCONTROLLED EXPOSURE				
300-1500	...	...	F/1500	30
1500-100,000	...	...	1.0	30

F = Frequency in MHz

## 3. MPE CALCULATION FORMULA

$$P_d = (P_{out} \cdot G) / (4 \cdot \pi \cdot r^2)$$

where

$P_d$  = power density in mW/cm<sup>2</sup>

$P_{out}$  = output power to antenna in mW

$G$  = gain of antenna in linear scale

$\pi$  = 3.1416

$R$  = distance between observation point and center of the radiator in cm

## 4. CLASSIFICATION

The antenna of this product, under normal use condition, is at least 20cm away from the body of the user. So, this device is classified as **Mobile Device**.

## 5. ANTENNA GAIN

The antennas provided to the EUT, please refer to the following table:

Transmitter Circuit	Peak Gain (dBi)	Antenna Type
Chain 0	2.0	wire



## 6. CALCULATION RESULT OF MAXIMUM CONDUCTED POWER

FREQUENCY BAND (MHz)	MAX POWER (dBm)	MAX POWER (mW)	ANTENNA GAIN (dBi)	DISTANCE (cm)	POWER DENSITY (mW/cm <sup>2</sup> )	LIMIT (mW/cm <sup>2</sup> )
2412-2462	16.37	43.35	2.0	20	0.014	1.00

### Conclusion

Therefore device complies with FCC's RF radiation exposure limits for general population in mobile exposure category (distance > 20cm)

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