



TEST REPORT NUMBER: (8522)273-0080(C)

TEST REPORT

Applicant:	Brooke and Dylan LLC	Fax:	---
		E-mail:	---
Address :	14149 SW 119TH AVENUE,MIAMI,Florida United States 33186		
Test Date :	2022-10-26 to 2022-11-10		

Manufacturer or Supplier :	GUANGDONG YIERDA INTELLIGENT & TECHNICAL INDUSTRIAL COMPANY LIMITED
Address :	WEST OF WULITING ROAD,XIAJIAO INDUSTRIAL ZONE,CHENGHAI,SHANTOU,GUANGDONG,CHINA
Sample Description:	Little Tikes Motorized Cozy Coupe Remote Control Baby Boat/PoolCandy Remote Control Baby Boat
Model number:	LT1035CC
Additional Model :	PC1035BBY
Rated Voltage:	DC9V (D*6)
FCC ID :	2AYFK103502

The submitted sample of the above equipment has been tested according to following standard(s)

47 CFR Part 1.1307

47 CFR Part 2.1093

KDB447498D01 General RF Exposure Guidance v06

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

Assistant Manager

Name: Nick Lung

Date: NOV 17,2022



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2 General Information

2.1 Client Information

Applicant:	Brooke and Dylan LLC
Address of Applicant:	14149 SW 119TH AVENUE,MIAMI,Florida United States 33186
Manufacturer:	GUANGDONG YIERDA INTELLIGENT & TECHNICAL INDUSTRIAL COMPANY LIMITED
Address of Manufacturer:	WEST OF WULITING ROAD,XIAJIAO INDUSTRIAL ZONE,CHENGHAI,SHANTOU,GUANGDONG,CHINA
Factory:	GUANGDONG YIERDA INTELLIGENT & TECHNICAL INDUSTRIAL COMPANY LIMITED
Address of Factory:	WEST OF WULITING ROAD,XIAJIAO INDUSTRIAL ZONE,CHENGHAI,SHANTOU,GUANGDONG,CHINA

2.2 General Description of EUT

Name:	Little Tikes Motorized Cozy Coupe Remote Control Baby Boat/PoolCandy Remote Control Baby Boat
Tset Model No.:	LT1035CC
Model No.:	LT1035CC, PC1035BBY
Trade Mark :	N/A
Serial No:	---
Software Version:	V1.00
Hardware Version:	V1.00
Frequency Range:	2410-2473MHz
Modulation Type:	GFSK
Number of Channels:	6
Sample Type:	Portable product
Antenna Type:	Integral antenna
Antenna Gain:	0.17dBi
Power Supply:	DC9V (D*6)



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3 SAR Evaluation

3.1 FCC RF Exposure Compliance Requirement

3.1.1 Standard Requirement

FCC:

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.

3.1.2 Limits

FCC:

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:

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

$f(\text{GHz})$ is the RF channel transmit frequency in GHz

Power and distance are rounded to the nearest mW and mm before calculation¹⁷

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

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3.1.3 EUT RF Exposure

Measurement Data

FCC:

The worst case refer to report (8522)273-0080(C) is below:

Antenna polarization: Horizontal		
Frequency (MHz)	Level (dBμV/m)	Value
2410.36	89.51	Peak

For 2410.36MHz:

Field strength = 89.51dB μ V/m @3m

Ant. gain 0.17dBi; so Ant numeric gain=1.04

So $pt = \{ [10^{(89.51/20)} / 10^6 \times 3]^2 / 30 / 1.04 \} \times 1000 \text{mW} = 0.258 \text{mW}$

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

Calculated value = $0.258 / 5 \cdot \sqrt{2.41} = 0.08 < 3$

So the SAR test is not required.