



RADIO TEST REPORT

Report No: STS2203006H01

Issued for

PINGHU CITY GOLDTIER CHILDREN PRODUCTS
MANUFACTURE CO.,LTD
XINMIAO INDUSTRY ZONE, XINCANG TOWN, PINGHU
CITY, ZHEJIANG PROVINCE, CHINA

Product Name:	CHILDREN CAR
Brand Name:	N/A
Model Name:	GTS1166
Series Model:	GTS1199,GTS1199-H,060-ROT-07
FCC ID:	2A5L8GTS1166
Test Standard:	FCC 47CFR §2.1093

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Test Report Certification

Applicant's Name..... : PINGHU CITY GOLDTIER CHILDREN PRODUCTS
MANUFACTURE CO.,LTD
Address : XINMIAO INDUSTRY ZONE, XINCANG TOWN, PINGHU CITY,
ZHEJIANG PROVINCE, CHINA
Manufacturer's Name : PINGHU CITY GOLDTIER CHILDREN PRODUCTS
MANUFACTURE CO.,LTD
Address : XINMIAO INDUSTRY ZONE, XINCANG TOWN, PINGHU CITY,
ZHEJIANG PROVINCE, CHINA

Product Description

Product Name..... : CHILDREN CAR
Brand Name : N/A
Model Name : GTS1166
Series Model..... : GTS1199,GTS1199-H,060-ROT-07
Standards : FCC 47CFR §2.1093
447498 D04 Interim General RF Exposure Guidance v01

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Date of Test

Date of receipt of test item : 08 Mar. 2022
Date (s) of performance of tests : 08 Mar. 2022 ~ 14 Mar. 2022
Date of Issue..... : 14 Mar. 2022
Test Result..... : **Pass**

Testing Engineer :

(Chris Chen)

Technical Manager :

(Sean she)

Authorized Signatory :

(Bovey Yang)





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Revision History

Rev.	Issue Date	Report No.	Effect Page	Contents
00	14 Mar. 2022	STS2203006H01	ALL	Initial Issue





1. GENERAL INFORMATION

1.1 GENERAL DESCRIPTION OF THE EUT

Product Name	CHILDREN CAR	
Brand Name	N/A	
Model Name	GTS1166	
Series Model	GTS1199,GTS1199-H,060-ROT-07	
Model Difference	Only the appearance is different	
Product Description	The EUT is CHILDREN CAR	
	Operation Frequency:	2402 – 2480 MHz
	Modulation Type:	BT:GFSK(1Mbps), $\pi/4$ -DQPSK(2Mbps), 8DPSK(3Mbps)
	Antenna gain:	-0.58dBi
	Antenna Designation:	PCB
Adapter	Input: AC 100-120V, 50/60Hz, 0.3A Output:DC 12V,1000mA,12W	
Battery	Model: 3-FM-4.5(6V4.5Ah/hR) Rated Voltage:6V Charge Limit Voltage:12V	
Hardware Version	N/A	
Software Version	N/A	

1.2 TEST FACTORY

SHENZHEN STS TEST SERVICES CO., LTD

Add. : A 1/F, Building B, Zhuoke Science Park, No.190 Chongqing Road, HepingShequ, Fuyong Sub-District, Bao'an District, Shenzhen, Guang Dong, China

FCC test Firm Registration Number: 625569

IC test Firm Registration Number: 12108A

A2LA Certificate No.: 4338.01



2. FCC 47CFR §2.1093 REQUIREMENT

2.1 TEST STANDARDS

Follow the maximum permissible exposure (MPE) limits specified in 447498 D04 Interim General Radio Frequency Exposure Guidelines v01. The gain of the antenna used in the product was extracted from the supplied antenna data sheet and the maximum total power input to the antenna was also measured. Calculate the distance from the product to the MPE limit by the formula.

2.2 LIMIT

1. Regardless of separation distance, if the maximum time-averaged power available does not exceed 1 mW. This stand-alone SAR exemption test.
2. Compliance with exposure limits needs to be assessed for portable devices with more than 1 mW of maximum time-averaged power available, distances of 0.5 cm to 40 cm, frequencies of 0.3 GHz to 6 GHz, maximum time-averaged (matched conducted) power or its effective radiated power (ERP), whichever is greater, is below the threshold(P_{th}), the RF source is considered RF exempt equipment.

$$P_{th} \text{ (mW)} = \begin{cases} ERP_{20 \text{ cm}}(d/20 \text{ cm})^x & d \leq 20 \text{ cm} \\ ERP_{20 \text{ cm}} & 20 \text{ cm} < d \leq 40 \text{ cm} \end{cases}$$

Where

$$x = -\log_{10} \left(\frac{60}{ERP_{20 \text{ cm}} \sqrt{f}} \right) \text{ and } f \text{ is in GHz;}$$

and

$$ERP_{20 \text{ cm}} \text{ (mW)} = \begin{cases} 2040f & 0.3 \text{ GHz} \leq f < 1.5 \text{ GHz} \\ 3060 & 1.5 \text{ GHz} \leq f \leq 6 \text{ GHz} \end{cases}$$

d = the separation distance (cm);

