



FCC Test Report

Report No: FCS202508253H01

Issued for

Applicant:	Shantou Chenghai Dongjin Toy Factory
Address:	Dahaimen Yipian 2nd Road, Jianyang Village, Lianxia Town, Chenghai District, Shantou City
Product Name:	Stunt drift remote control car
Brand Name:	N/A
Model Name:	6918-125
Series Model:	6918-126 6918-127 6918-128 6918-129 6918-130 6918-131 6918-132 6918-133 6918-134 6918-135 6918-136 6918-137 6918-138 6918-139 6918-140 6918-141 6918-142 6918-143 6918-144 6918-145 6918-146 6918-147 6918-148 6918-149 6918-150 6918-151 6918-152 6918-153 6918-154 6918-155
FCC ID:	2BRMW-6918-125
Test Standard:	FCC 47CFR §2.1093
Issued By: Flux Compliance Service Laboratory Add: Room 105 Floor Bao hao Technology Building 1 NO.15 Gong ye West Road Hi-Tech Industrial, Song shan lake Dongguan Tel: 769-27280901 Fax:769-27280901 http://www.FCS-lab.com	

**TEST RESULT CERTIFICATION**

Applicant's Name.....: Shantou Chenghai Dongjin Toy Factory
Address: Dahaimen Yipian 2nd Road, Jianyang Village, Lianxia Town, Chenghai District, Shantou City
Manufacturer's Name.....: Shantou Chenghai Dongjin Toy Factory
Address: Dahaimen Yipian 2nd Road, Jianyang Village, Lianxia Town, Chenghai District, Shantou City

Product Description

Product Name.....: Stunt drift remote control car
Brand Name: N/A
Model Name: 6918-125
6918-126 6918-127 6918-128 6918-129 6918-130 6918-131
6918-132 6918-133 6918-134 6918-135 6918-136 6918-137
6918-138 6918-139 6918-140 6918-141 6918-142 6918-143
6918-144 6918-145 6918-146 6918-147 6918-148 6918-149
6918-150 6918-151 6918-152 6918-153 6918-154 6918-155
Series Model.....: FCC 47CFR §2.1093
Test Standards.....: 447498 D01 Interim General RF Exposure Guidance v06

This device described above has been tested by Flux Compliance Service Laboratory, the test results show that the equipment under test (EUT) is in compliance with the FCC requirements. And it is applicable only to the tested sample identified in the report.

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Date of Test

Date (s) of performance of tests : Aug. 11, 2025 ~ Aug. 19, 2025

Date of Issue.....: Aug. 19, 2025

Test Result.....: Pass

Tested by

Scott Shen

(Scott Shen)

Reviewed by

Duke Qian

(Duke Qian)

Approved by

Jack Wang

(Jack Wang)



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Revision History

Rev.	Issue Date	Contents
00	Aug. 19, 2025	Initial Issue

1. GENERAL INFORMATION

1.1 GENERAL DESCRIPTION OF THE EUT

Product Name	Stunt drift remote control car									
Brand	N/A									
Model Number	6918-125									
Series Model(s)	6918-126 6918-127 6918-128 6918-129 6918-130 6918-131 6918-132 6918-133 6918-134 6918-135 6918-136 6918-137 6918-138 6918-139 6918-140 6918-141 6918-142 6918-143 6918-144 6918-145 6918-146 6918-147 6918-148 6918-149 6918-150 6918-151 6918-152 6918-153 6918-154 6918-155									
Model Difference	Only the color and model names are different									
Product Description	<p>The EUT is Stunt drift remote control car</p> <table border="1"><tr><td>Operation Frequency:</td><td>2.4G: 2410~2470 MHz</td></tr><tr><td>Modulation Type:</td><td>2.4G: GFSK</td></tr><tr><td>Antenna gain:</td><td>2.4G: 1.68 dBi</td></tr><tr><td>Antenna Designation:</td><td>2.4G: PCB Antenna</td></tr></table>		Operation Frequency:	2.4G: 2410~2470 MHz	Modulation Type:	2.4G: GFSK	Antenna gain:	2.4G: 1.68 dBi	Antenna Designation:	2.4G: PCB Antenna
Operation Frequency:	2.4G: 2410~2470 MHz									
Modulation Type:	2.4G: GFSK									
Antenna gain:	2.4G: 1.68 dBi									
Antenna Designation:	2.4G: PCB Antenna									
Power Supply	DC 3V (AA Battery 1.5V*2)									
Battery	DC 3V (AA Battery 1.5V*2)									
Hardware version number	V1.0									
Software version number	V1.0									



1.2 TEST FACTORY

Company Name:	Flux Compliance Service Laboratory		
Address:	Room 105 Floor Bao hao Technology Building 1 NO.15 Gong ye West Road Hi-Tech Industrial, Song shan lake Dongguan		
Telephone:	+86-769-27280901		
Fax:	+86-769-27280901		
<p>FCC Test Firm Registration Number: 514908 Designation number: CN0127 A2LA accreditation number: 5545.01 ISED Number: 25801 CAB ID : CN0097</p>			
Organization	CAB identifier	Scope / Recognition Date (yyyy-mm-dd)	Expiration (yyyy-mm-dd)
FLUX COMPLIANCE SERVICE LABORATORY Baohao Technology Building 1 No. 15 Gongye West Road Hi-Tech Industrial Park Songsham Lake Dongguan, Guangdong. 523808 PRC.	CN0097	RSS-102(RFExp) (2020-01-09) RSS-GEN (2020-01-09) RSS-210 (2020-01-09) RSS-247 (2020-01-09)	RECOGNIZED UNTIL: 2023-12-31 A2LA ISO/IEC 17025: 2017 Expires: 2023-12-31
<p>ISED#: 25801 Contact: Andy Yue andv-vue@fcs-lab.com</p>			

2. FCC 47CFR §2.1093 REQUIREMENT

2.1 TEST STANDARDS

According to §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

According to §1.1310 and §2.1093 RF exposure requirement

KDB447498 v06: Mobile and Portable Devices RF Exposure Procedures and Equipment Authorization Policies

2.2 LIMIT

According to KDB447498 D01 General RF Exposure Guidance v06 Section 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 Test Exclusion Threshold condition, listed below, is satisfied. These test exclusion conditions are based on source-based time-averaged maximum conducted output power of the RF channel requiring evaluation, adjusted for tune-up tolerance, and the minimum test separation distance required for the exposure conditions.²² The minimum test separation distance is determined by the smallest distance from the antenna and radiating structures or outer surface of the device, according to the host form factor, exposure conditions and platform requirements, to any part of the body or extremity of a user or bystander (see 5) of section 4.1). To qualify for SAR test exclusion, the test separation distances applied must be fully explained and justified by the operating configurations and exposure conditions of the transmitter and applicable host platform requirements, typically in the SAR measurement or SAR analysis report, according to the required published RF exposure KDB procedures. When no other RF exposure testing or reporting is required, a statement of justification and compliance must be included in the equipment approval, in lieu of the SAR report, to qualify for the SAR test exclusion. When required, the device specific conditions described in the other published RF exposure KDB procedures must be satisfied before applying these SAR test exclusion provisions; for example, handheld PTT two-way radios, handsets, laptops & tablets etc.²³ "

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

- f (GHz) is the RF channel transmit frequency in GHz
- Power and distance are rounded to the nearest mW and mm before calculation
- The result is rounded to one decimal place for comparison
- 3.0 and 7.5 are referred to as the numeric thresholds in the step 2 below

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 according to 5) in section 4.1 is applied to determine SAR test exclusion.

2.3 TEST RESULT

Turn up

Mode	Detector	Turn up Power
2.4G	PEAK	2±1dBm

Band/Mode	F (GHz)	Antenna Distance (mm)	RF output power including tune up		SAR Test Exclusion Threshold
			dBm	mW	
2.4G	2.47	5	3	1.99526	0.62716 < 3

Results: PASS, No SAR Require.

END OF THE REPORT