



Test Report

No.: AJT260708017E-2

Applicant Name: Rodeo Drive Toys Limited
Applicant Address: Unit 5, 13/F Houston Centre, No. 63 Mody Road Tsim Sha Tsui East, Kowloon, HongKong
Manufacturer Name: Rodeo Drive Toys Limited
Manufacturer Address: Unit 5, 13/F Houston Centre, No. 63 Mody Road Tsim Sha Tsui East, Kowloon, HongKong

The following samples were submitted and identified by/on behalf of the client as:

Sample Description: 1:18 THUNDER RIDEZ 2PK RC & 1:16 OFF ROAD MANIA 2PK RC
Model No.: RD25A099
Additional Model: RD25A098
FCC ID: 2A2XJ-RD1027
Sample Received Date: July 08, 2026
Testing Completed Date: July 08, 2026

Tests conducted: For compliance with application, refer to attached page(s) for details.

Assess standard used:	Conclusion
CFR47 FCC Part 2: Section 2.1093 CFR47 FCC Part 1: Section 1.1310 FCC KDB Publication 447498 D01 v06	PASS

Tested by:

Glory

Reviewed by:

Jason

Approved by:

Position: Technical Supervisor

Date: 2026-07-10



This report sets forth our findings solely with respect to the test samples identified herein. The results set forth in this report are not indicative or representative of the quality or characteristics of the lot from which a test sample was taken or any similar or identical product unless specifically and expressly noted. Disagreement against this test report, if any, should be filed with to our company in writing within 15 days of receiving the report. Any copying or replication of this report to or for any other person or entity, or use of our name or trademark, is permitted only with our prior written permission.

AJT TESTING SERVICES LIMITED

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1 General Information

1.1 General Description of E.U.T.

EUT Name:	1:18 THUNDER RIDEZ 2PK RC & 1:16 OFF ROAD MANIA 2PK RC
Model(s):	RD25A099
Additional Model:	RD25A098
FCC ID:	2A2XJ-RD1027
Power Supply Voltage	DC 3.0V(AA*2)
Operation Frequency:	27.145MHz
Max. RF output power:	50.99 dB μ V/m@3m
Type of Modulation:	FSK
Antenna Type	Dipole Antenna
Antenna Gain:	0dBi

NOTE:

1.The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual. The laboratory is not responsible for the accuracy of the information provided by manufacturer.

2.Product models same are identical in the PCB layout, electrical circuit design and functions, The differences are appearance color, exterior structure, and model name for commercial purpose.

2 Test Summary

Test Requirement	Result
CFR47 FCC Part 2: Section 2.1093 CFR47 FCC Part 1: Section 1.1310 FCC KDB Publication 447498 D01 v06	PASS

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3 FCC Radiofrequency Radiation Exposure Procedures

3.1 Requirements

a) Blanket 1 mW Blanket Exemption

The 1 mW Blanket Exemption of §1.1307(b)(3)(i)(A) applies for single fixed, mobile, and portable RF sources with available maximum time-averaged power of no more than 1 mW, regardless of separation distance.

The 1-mW blanket exemption applies at separation distances less than 0.5 cm, including where there is no separation. This exemption shall not be used in conjunction with other exemption criteria other than those for multiple RF sources in paragraph §1.1307(b)(3)(ii)(A).

The 1-mW exemption is independent of service type and covers the full range of 100 kHz to 100 GHz, but it shall not be used in conjunction with other exemption criteria or in devices with higher-power transmitters operating in the same time-averaging period. Exposure from such higher-power transmitters would invalidate the underlying assumption that exposure from the lower-power transmitter is the only contributor to SAR in the relevant volume of tissue.

b) According to §15.247(i) and §1.1307b(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 levels in excess of the Commission's guidelines. See KDB 447498 D01 General RF Exposure Guidance v05, section 4.3.1.

a. For 100 MHz to 6 GHz and test separation distances ≤ 50 mm, the 1-g and 10-g SAR test exclusion thresholds are determined by the following:

$$[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})]$$

$$[\sqrt{f_{\text{GHz}}}] \leq 3.0 \text{ for 1-g SAR and } \leq 7.5 \text{ for 10-g extremity SAR, where}$$

- 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
- The values 3.0 and 7.5 are referred to as numeric thresholds in step b) 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 is applied to determine SAR test exclusion.

b. For 100 MHz to 6 GHz and test separation distances > 50 mm, the 1-g and 10-g SAR test

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exclusion thresholds are determined by the following:

- (1) $\{[\text{Power allowed at numeric threshold for 50 mm in step a)}] + [(\text{test separation distance} - 50 \text{ mm}) \cdot (f(\text{MHz})/150)]\}$ mW, for 100 MHz to 1500 MHz;
- (2) $\{[\text{Power allowed at numeric threshold for 50 mm in step a)}] + [(\text{test separation distance} - 50 \text{ mm}) \cdot 10]\}$ mW, for $> 1500 \text{ MHz}$ and $\leq 6 \text{ GHz}$.
- c. For frequencies below 100 MHz, the following may be considered for SAR test exclusion
 - (1) For test separation distances $> 50 \text{ mm}$ and $< 200 \text{ mm}$, the power threshold at the corresponding test separation distance at 100 MHz in step b) is multiplied by $[1 + \log(100/f(\text{MHz}))]$;
 - (2) For test separation distances $\leq 50 \text{ mm}$, the power threshold determined by the equation in c)1) for 50 mm and 100 MHz is multiplied by $\frac{1}{2}$;
 - (3) SAR measurement procedures are not established below 100 MHz. When SAR test exclusion cannot be applied, a KDB inquiry is required to determine SAR evaluation requirements for any SAR test results below 100 MHz to be acceptable.

3.3 Measurement and Calculation

Channel Frequency (MHz)	Field Strength (dB μ V/m@3m)	Max Output Power ^b (mW)	limit (mW)	Calculation Value ^a	Threshold Value
27.145	50.99	0.00004	1	0.000001	3.0
Note: a. Calculation Value = $[(\text{max. power of channel, mW}) / (\text{min. test separation distance, mm})] [\sqrt{f(\text{GHz})}]$ So Calculation Value = $0.00004/5 \cdot \sqrt{0.027145} = 0.000001$ b. Max Output Power (dBm) = Field Strength + $20 \log(\text{Test distance}) - 104.7$ $P(\text{mW}) = 10^{(P(\text{dBm})/10)}$					

According to KDB447498 D01 V06, threshold at which no SAR required is 3.0 for 1-g SAR, separation distance is 5mm, and no simultaneous SAR measurement is required.

END OF TEST REPORT

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