

MAY CHEONG TOY PRODUCTS FTY LTD

# TEST REPORT

**SCOPE OF WORK**

SAR ASSESSMENT-82330(19181/82331)

**REPORT NUMBER**

SZHH01429620-002S2

**ISSUE DATE**

15 JANUARY 2020

**[REVISED DATE]**

[8 February 2021]

**PAGES**

10

**DOCUMENT CONTROL NUMBER**

EN 62479\_b

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## TEST REPORT

Applicant: MAY CHEONG TOY PRODUCTS FTY LTD  
UNIT 901-2, 9/F., EAST OCEAN CENTRE,  
98 GRANVILLE ROAD, TSIMSHATSUI  
EAST, KOWLOON, HONG KONG

Intertek Report No. : SZHH01429620-002S2

Date: 8 February 2021

### Sample Description

Product : 1:24 RC Premium assorted (1:24 RC Premium 2018 MB G-Class)  
Additional Names: 1:24 RC Premium Lamborghini Terzo Millennio, 1:24 RC Premium Bugatti Divo, 1:24 RC Premium Ferrari SF90 Stradale, R/C Work Machines UNIMOG U430 (19CM), R/C Work Machines MACK Granite Refuse Truck (19CM)

Model No. : 82330(19181/82331)

Additional Models : See page 3

Brand Name : N/A

Electrical Rating : Controller Unit : DC 3.0V (2 x 1.5V AAA batteries)  
Car Unit : DC 3.2V (1 x 3.2V Rechargeable battery)

Date Received : 2 January 2020

Date Test Conducted : 2 January 2020 to 15 January 2020

Test Requested : Test for compliance with EN 62479: 2010

Test Method : EN 62479: 2010

Test Result : See the attached sheets

Conclusion : The submitted samples Complied with the above safety standard. But the note should be noted.

Remark: This report base on the previous report with report No. SZHH01429620-002S1 dated 17 March 2020. Only update model number and name, don't test after engineer evaluate.

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**Prepared and Checked By:**

**Approved By:**

### Sign On File

Terry Tang  
Senior Engineer

\_\_\_\_\_  
Jimmy Wen  
Assistant Manager  
Date: 8 February 2021

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- The test report only allows to be revised only within the report defined retention period unless further standard or the requirement was noticed

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## TEST REPORT

Test Results:

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EN 62479: 2010

<u>Clause</u>	<u>Title/Description</u>	<u>Result</u>
1	Scope	
2	Normative references	--
3	Terms and definitions	--
4	Compliance criteria	Complied (See Note )
5	Assessment report	--

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Product Description:

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Product Description:

The equipment under test (EUT) is a 1:24 RC Premium assorted (1:24 RC Premium 2018 MB G-Class) operating at 2.4G Band. The Controller Unit is intended to operate from DC 3.0V (2 x 1.5V AAA batteries). The Car Unit is powered by DC 3.2V (1 x 3.2V Rechargeable battery). For more detail information pls. refer to the user manual.

The Additional Models: 82332//82333/82334/82335/82336/82337/82338/82339/82340/82341/82342/82343/82344/82410/82411/82412/82413/82414/82415/82416/82417/82418/82419/82420/82421/82422/82423/82424/82425/82426/82427/82428/82429/82430/82350/82351/82352/82353/82354/82355/82356/82357/82358/82359/82360/82361/82362/82363/82180/82181/82182/82184/82185/82186 are the same as the Model: 82330(19181/82331) in hardware aspect except the different appearance. The difference in model number serves as marketing strategy.

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Note:

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- (1) When determining the test conclusion, the Measurement Uncertainty of test has been considered: Measurement uncertainty is  $\pm 4.8$  dB at a level of confidence of 95%.
- (2) The test performed is that required to demonstrate compliance with the technical specifications and the essential requirements of Article 3.1(a) health of the Radio Equipment Directive (2014/53/EU) - RED for regulatory purposes.
- (3) Conformity assessment method refers to clause 4.2 of EN 62479: 2010, and compares with the Low-power exclusion level stated in Annex A of EN 62479: 2010. When SAR is the basic restriction, a conservative minimum value for Pmax can be derived, equal to the localized SAR limit (SAR<sub>max</sub>) multiplied by the averaging mass (m):

$$P_{max} = SAR_{max} m \quad (A.1)$$

Example values of Pmax according to Equation (A.1) are provided in Table A.1 for cases described by the ICNIRP guidelines [1], IEEE Std C95.1-1999 [2] and IEEE Std C95.1-2005 [3] where SAR limits are defined. Other exposure guidelines or standards may be applicable depending on national regulations.

Example values of SAR-based Pmax for some cases described by ICNIRP, IEEE Std C95.1-1999 and IEEE Std C95.1-2005

Guideline / Standard	SAR limit, SAR <sub>max</sub> W/kg	Averaging mass, m g	Pmax mW	Exposure tier (a)	Region of body (a)
ICNIRP [1]	2	10	20	General public	Head and trunk
	4	10	40	General public	Limbs
	10	10	100	Occupational	Head and trunk
	20	10	200	Occupational	Limbs
IEEE Std C95.1-1999 [2]	1,6	1	1,6	Uncontrolled environment	Head, trunk, arms, legs
	4	10	40	Uncontrolled environment	Hands, wrists, feet and ankles
	8	1	8	Controlled environment	Head, trunk, arms, legs
	20	10	200	Controlled environment	Hands, wrists, feet and ankles
IEEE Std C95.1-2005 [3]	2	10	20	Action level	Body except extremities and pinnae
	4	10	40	Action level	Extremities and pinnae
	10	10	100	Controlled environment	Body except extremities and pinnae
	20	10	200	Controlled environment	Extremities and pinnae

(a) Consult the appropriate standard for more information and definitions of terms.

EN62479: 2010 Compliance of the RF Transmitter (a 1:24 RC Premium assorted (1:24 RC Premium 2018 MB G-Class) used in General public) bases on test against standard ETSI EN 300 440 V2.1.1 (2017-03) (Report No.: SZHH01429620-001S2), and the measured maximum E.I.R.P. = 3.8dBm = 2.399mW for Controller Unit in 2.4GHz band, it is less than the RF Exposure limit 20mW.

The Car Unit is a receiver that does not contain radio transmitters and is inherently compliant with the EN62479: 2010 according to route A.

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## TEST REPORT

APPENDIX:

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EUT Photo:

External Photo



External Photo



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**TEST REPORT**

APPENDIX:

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**EUT Photo:**

Internal Photo



Internal Photo



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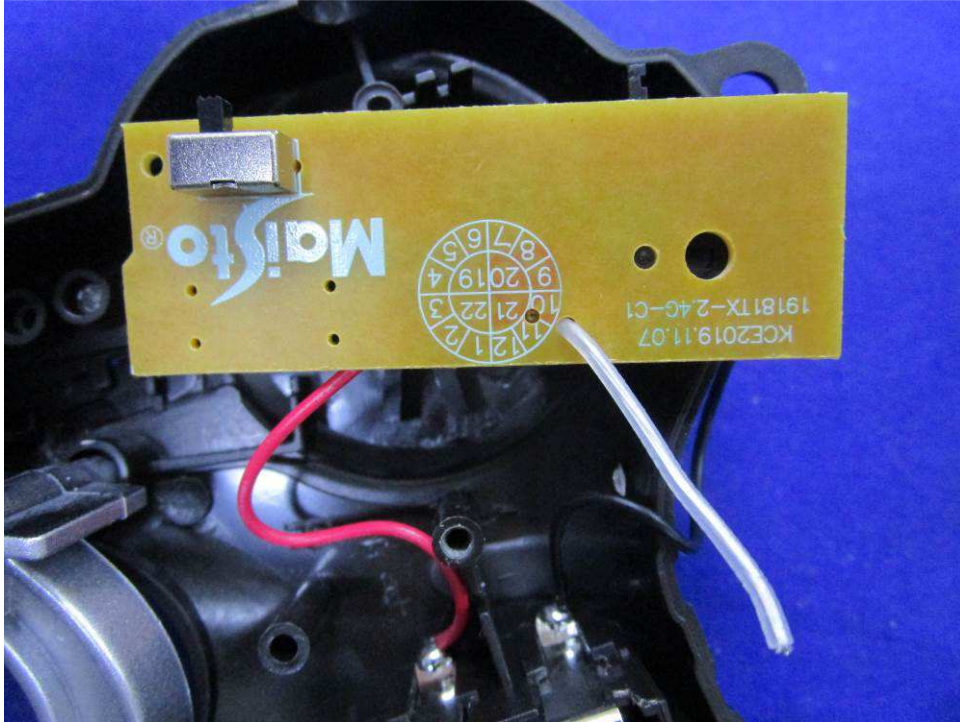
## TEST REPORT

APPENDIX:

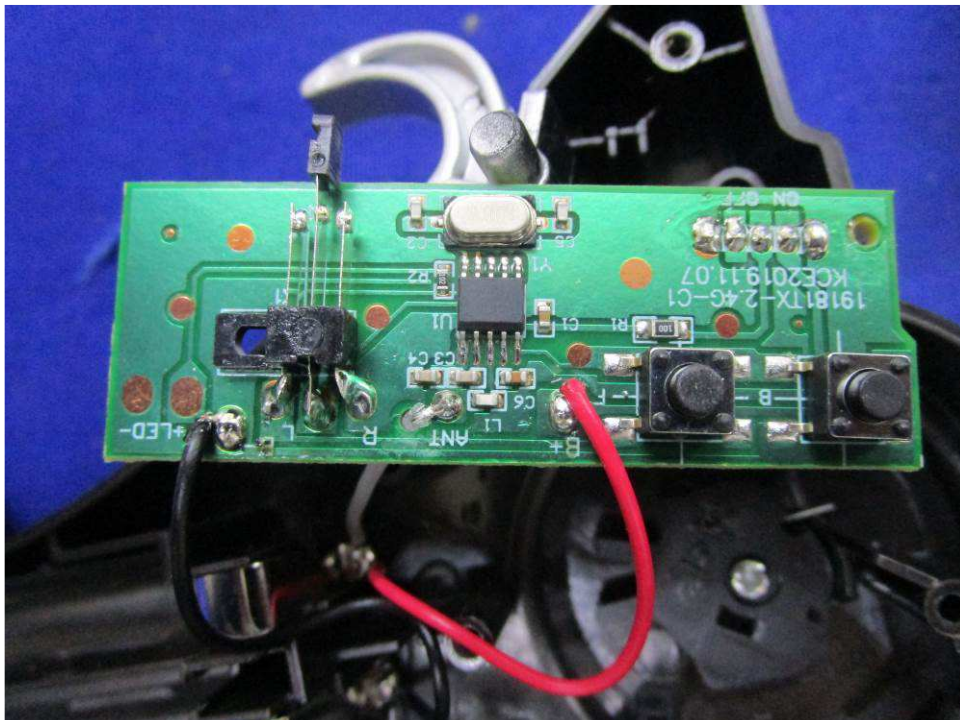
Intertek Report No. : SZHH01429620-002S2

EUT Photo:

Internal Photo



Internal Photo



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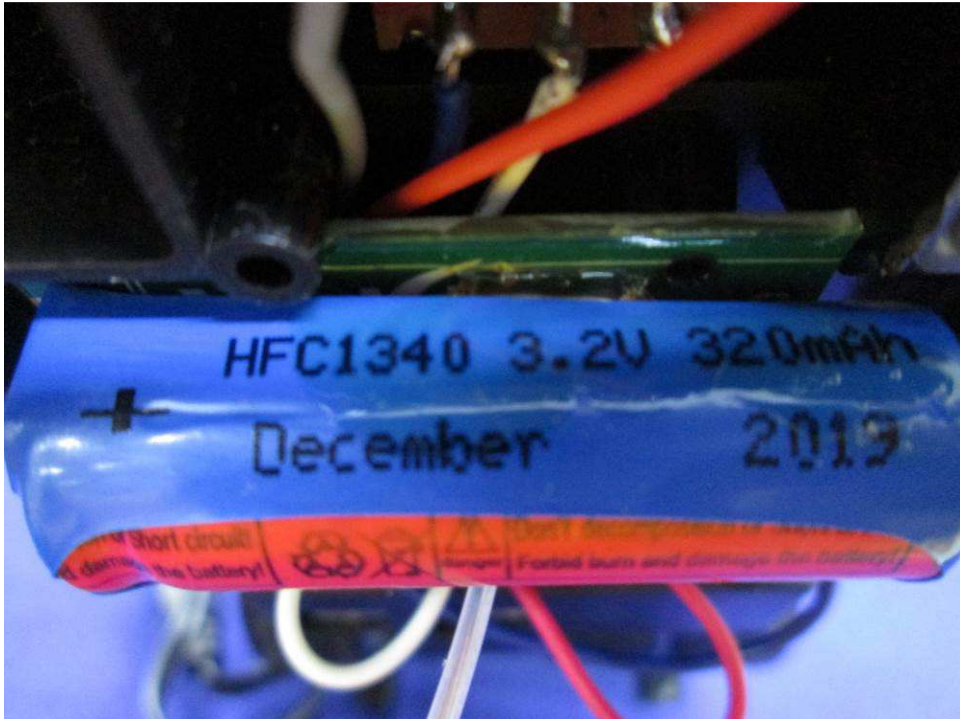
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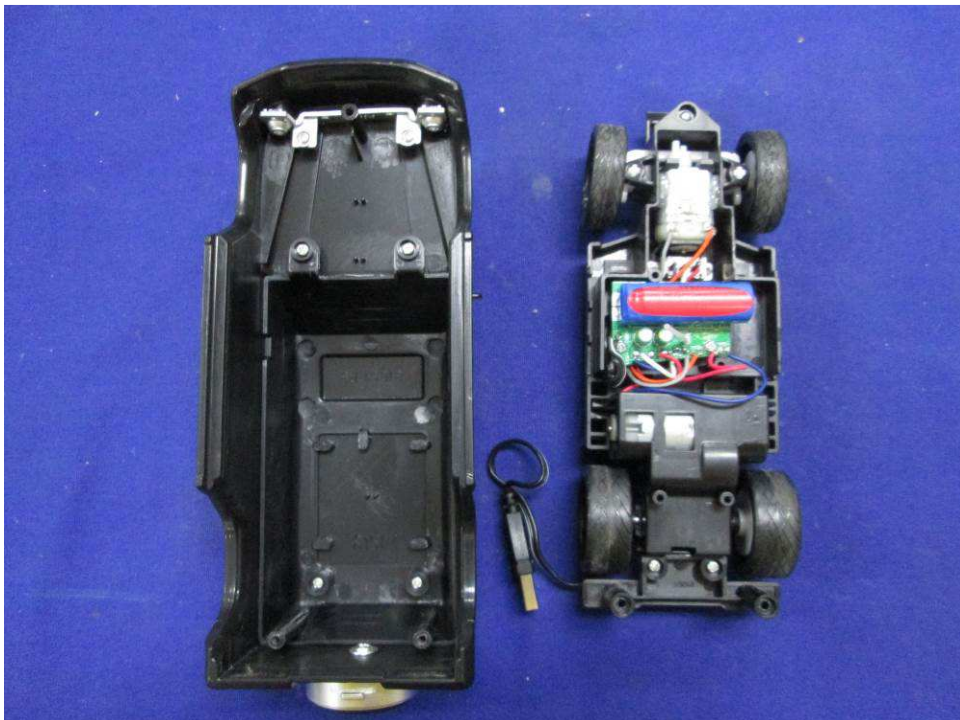
Intertek Report No. : SZHH01429620-002S2

**EUT Photo:**

Internal Photo



Internal Photo



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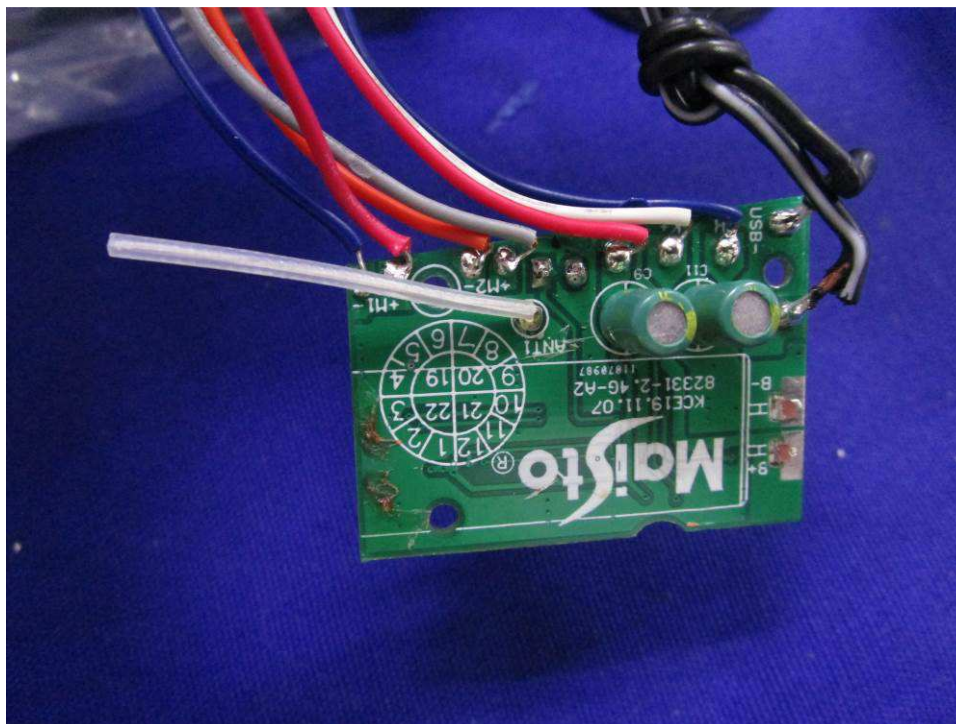
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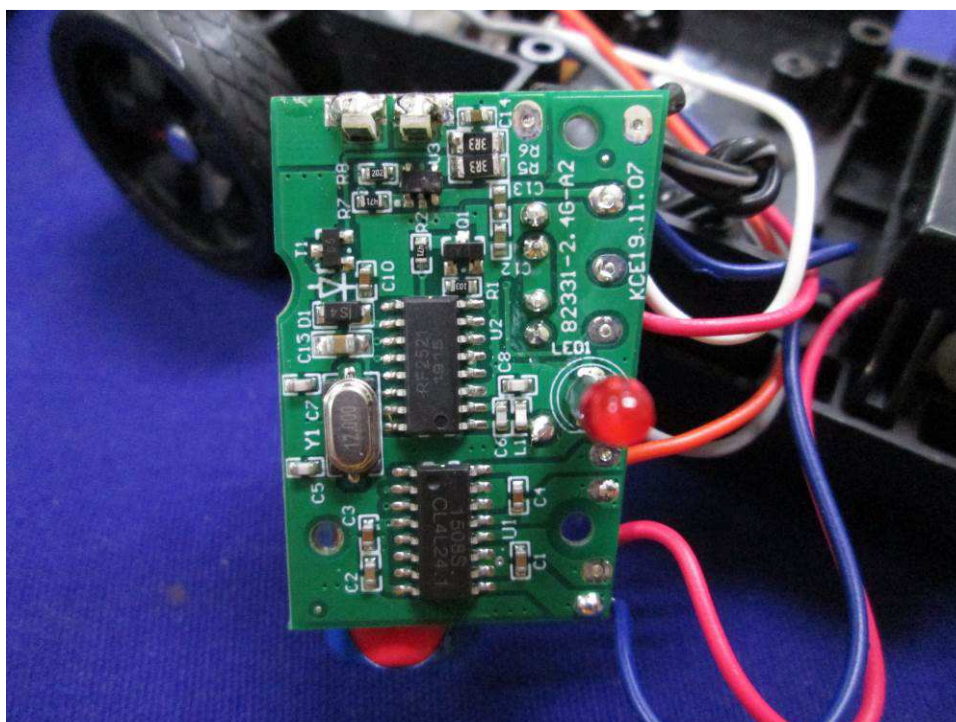
Intertek Report No. : SZHH01429620-002S2

**EUT Photo:**

Internal Photo



Internal Photo



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Intertek Report No. : SZHH01429620-002S2

**EUT Photo:**

Internal Photo



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