



Test Report

No.: T51910260137EL Date: JUL 25, 2019

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GUANGDONG XINYU TECHNOLOGY INDUSTRIAL CO., LTD.

LAIMEI INDUSTRIAL ZONE,
CHENGHAI DISTRICT, SHANTOU, GUANGDONG

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

Name of Product/Item	: 1:12 FERRARI LAFERRARI, 1:18 FERRARI LA FERRARI FXXK, 1:18 FERRARI 488 GTB	
Item No.	: 3707, 3708, 3709	
Test Item No.	: 3709, 3707	
Packaging	: Gift Box	
Power Source for Test	: 2 x 1.5V "LR6" size batteries (Duracell) for controller (3709) 5 x 1.5V "LR6" size batteries (Duracell) for car (3707) 2 x 1.5V "LR6" size batteries (Duracell) for controller (3707)	
Date of receipt	: JUL 19, 2019	Number of sample: 3
Testing Period	: JUL 19, 2019 TO JUL 25, 2019	



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Test Requested		Conclusion
1.	Laser Power Measurement according to EN 60825-1: 1994 + A2: 2001 + A1: 2002. (Refer to Annex E of EN 62115: 2005 + A12: 2015)	PASS*

Remark: The selected parts of item listed were found to comply with the requirements of Class 1 by tests on the submitted samples by the applicant and inspection of technical details submitted by the applicant.

* Per client's requirement, only the selected LED(s) in the submitted sample were tested, the detail of tested LED(s) is listed in the result page(s).

Signed for and on behalf of
SGS-CSTC Standards Technical
Services Co., Ltd. Shenzhen Branch Testing Center



Xiao Yongbo, Spring
Supervisor



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EN 60825-1 SPECIFICATION REQUIREMENTS & TEST RESULTS

Clause	Assessment	Remarks
1. Scope and object	--	
2. Normative references	--	
3. Definitions	--	
4. Engineering specifications	--	*
5. Labelling	N/A	
6. Other information requirements	N/A	
7. Additional requirements for specific laser products	N/A	
8. Classification	--	
9. Measurement for classification	Pass	
10. Safety precautions	--	
11. Hazards incidental to laser operation	--	
12. Procedures for hazard control	--	
13. Maximum permissible exposures	--	

* Note:

The requirements of the relevant product safety standard shall be fulfilled during operation and in the event of a single fault for the following:

- electrical hazards;
- excessive temperature;
- spread of fire from the equipment;
- sound and ultrasonics;
- harmful substances;
- explosion.

If no provisions are included in the product safety standard, the relevant subclauses of IEC 61010-1 shall apply.



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DETAILS OF TEST RESULTS

Part under test	Wavelength		Emission Duration	Measured Accessible Emission Level (MAEL)	Limit	MAEL / Limit	Comment
Red LED of controller (3709)	a)	631.0 nm	100 sec.	N/A	N/A	N/A	N/A
	b)	631.0 nm	100 sec.	2.0 µW	390.0 µW	<1	Pass
Red LED of car (3707)	a)	632.0 nm	100 sec.	N/A	N/A	N/A	N/A
	b)	632.0 nm	100 sec.	100.0 µW	4714.8 µW	<1	Pass
White LED of car (3707)	a)	458.0 nm	100 sec.	0.2 mJ	5.6 mJ	<1	Pass
		565.0 nm	100 sec.	0.1 mJ	778.2 mJ		
	b)	458.0 nm	100 sec.	110.0 µW	4797.8 µW	<1	Pass
		565.0 nm	100 sec.	92.0 µW	4797.8 µW		
Red LED of controller (3707)	a)	627.0 nm	100 sec.	N/A	N/A	N/A	N/A
	b)	627.0 nm	100 sec.	3.0 µW	390.0 µW	<1	Pass

Remark: a) For Retinal Photochemical Hazard
b) For Retinal Thermal Hazard
N/A = Not Applicable



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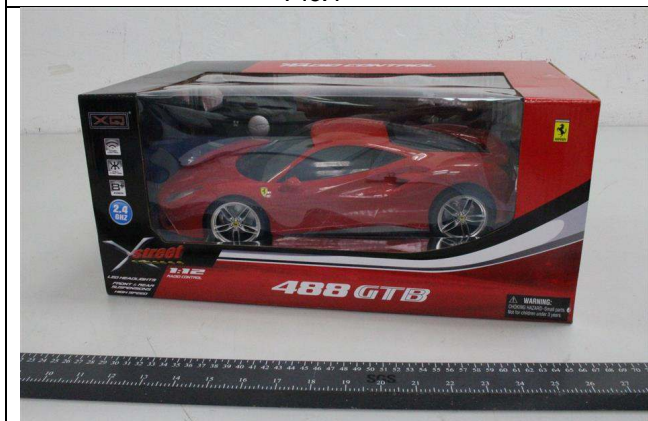
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Sample Picture (As received)

Attention! Only selected LED(s) was (were) tested, Detail(s) is (are) listed in the specimen description in result page(s).

Pic.1

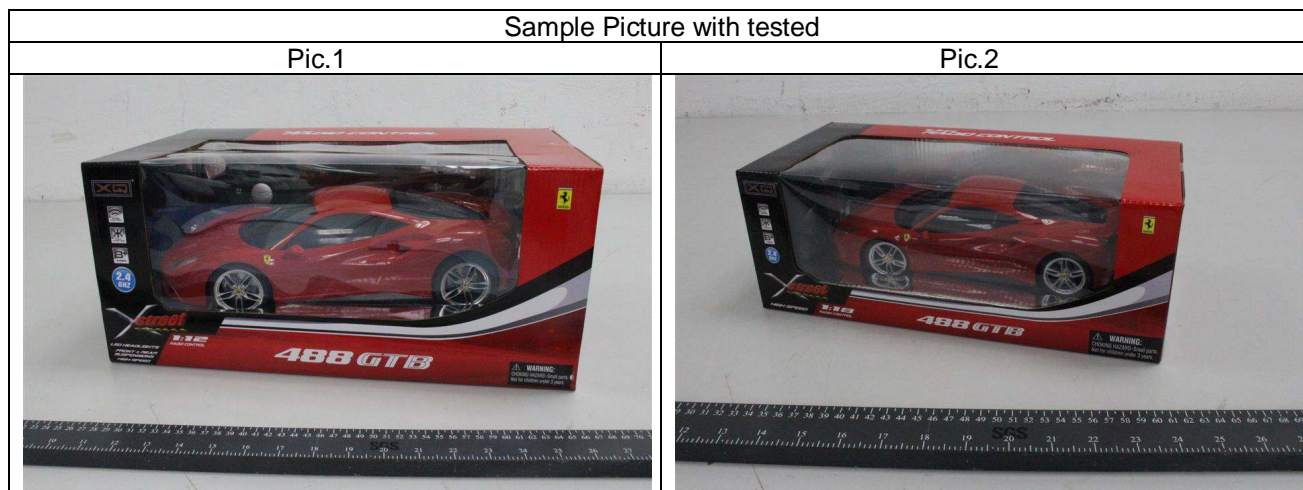


Pic.2



Pic.3





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*** End of Report ***