

Test Report

No.: 64.190.24.0023.01-00

Dated: 2024-01-11



Applicant: Foshan YiFeng Electric Industrial Co., Ltd.
Address: No. 898, Gao Ming Avenue East, He Cheng Blvd. GaoMing District, Foshan City, Guangdong Province, China.
Sample Submission: The sample was submitted by applicant and identified.
Product Name: Audio system mechanical load capacity
Identification/Style No.: RL1 BUMP & RL1, RL1 BUMP & RL1 SUB
Order No.: 0000607721
Manufacturer: Foshan YiFeng Electric Industrial Co., Ltd.
Address: No. 898, Gao Ming Avenue East, He Cheng Blvd. GaoMing District, Foshan City, Guangdong Province, China
Country of Origin: /
Buyer: /
Export to: /
Brand name: REYN AUDIO
Receipt Date of Sample: 2024-01-08
Date of Testing: From 2024-01-08 to 2024-01-08
Test Result: Refer to the data listed in following pages

Test Specification(s) or Test Item(s):

1. Test according to the client's requirements

Conclusions:

See test results

Hardline Laboratory

TÜV SÜD Certification and Testing (China) Co., Ltd.
Guangzhou Branch

Tested By: Mac Xiao

Mac Xiao
Project Handler



Reviewed By: Adam Hou

Adam Hou
Designated Reviewer

Note: (1) "General Terms & Conditions" applied. For full version, please visit: <http://www.tuvsud.cn/cn-scn/terms-and-conditions>
2) Any use for advertising purposes must be granted in writing. This technical report may only be quoted in full. This report is the result of a single examination of the object in question and is not generally applicable evaluation of the quality of other products in regular production. For further details, please see testing and certification regulation, chapter A-3.4. 3) The conclusion of test result was drawn according to corresponding regulation or standard method and/ or client's requirement

Laboratory:
TUV SUD Testing Center ,Building D1, No. 63
Chuangqi Road, Shilou Town, Panyu District,
Guangzhou, Guangdong, China 511450

Telephone : +86 20 3832 0668
Telefax : +86 20 3832 0478
<http://www.tuvsud.com>

Regd. Office:
TÜV SÜD Certification and Testing (China) Co.,
Ltd. Guangzhou Branch 5F, Communication
Building, 163 Pingyun Rd, Huangpu West Ave.
Guangzhou 510656P.R. China

Page 1 of 5



Description of the test subject:

1	Product Description	Audio system mechanical load capacity
2	Dimensions / Weight	RL1 BUMP: W1175.5 X H611 X D281 (mm) / 91.5 (kg)
		RL1: W1178 X H390 X D587 (mm) / 102 (kg)
		RL1 SUB: W1174 X H723 X D853 (mm) / 146 (kg)
Sample Photo(s)		
		
RL1 BUMP		RL1
		
RL1 SUB		Fitting (RL1 BUMP shackle)



Fitting (RL1 BUMP latch)



Fitting (RL1、RL1 SUB latch)



Test Report

No.: 64.190.24.0023.01-00

Dated: 2024-01-11



Test condition: 25°C, 55%RH

Test Results:

1. Tensile test according to client's requests

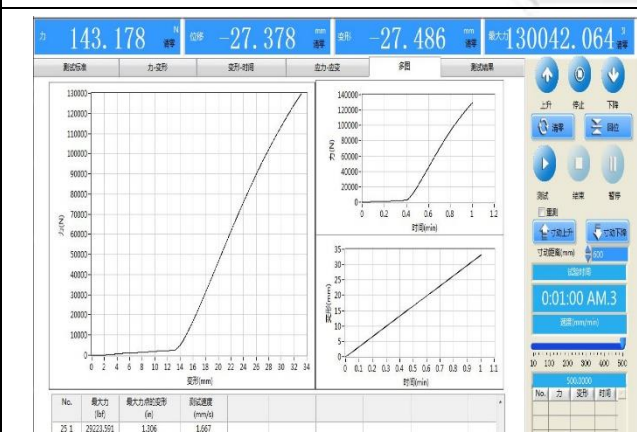
Item	Requirement-Test	Measuring result-Remark
1	Tension test Apply suitable clamps firmly fix the product to the test machine; Start the test machine with the rate of 100 mm per minute; Until the force reaches 130000 N, then remove the tension. Observe and record any breakage, component fracture after test	RL1 BUMP & RL1: No damage or component fracture was found after the tension test. RL1 BUMP & RL1 SUB: No damage or component fracture was found after the tension test.

Testing photo(s):

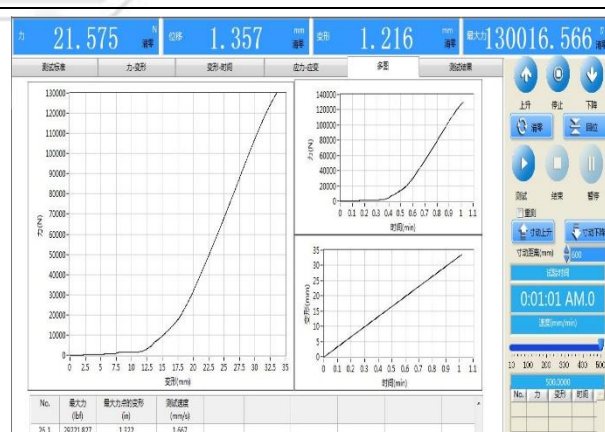


During test
(RL1 BUMP & RL1)

During test
(RL1 BUMP & RL1 SUB)



Testing curve
(RL1 BUMP & RL1)



Testing curve
(RL1 BUMP & RL1 SUB)

**Remark:**

1. The test results exclusively based on the submitted sample.
2. Audio system mechanical load capacity is expected to reach 20000N and the actual test force reaches 130042N and 130016N, so the test force is greater than 6.5 times of 20000N.
3. Specific requirement of test report as per clause 7.8.3 of CNAS-CL01-2018 or other accreditation scheme, such as: remark of subcontract information or on-site testing information.

Disclaimer Measurement Uncertainty:

Unless otherwise agreed upon, Pass or Fail verdicts are given based on the measured values without any considerations of measurement uncertainties.

Please note, every test method has a measurement uncertainty which has been evaluated by the laboratory according to ISO/IEC 17025 requirements.

By taking measurement uncertainties into account it might happen that measured values can neither be assessed as PASS nor as FAIL.

-End of Test Report-

