

FCC PART 95
MEASUREMENT AND TEST REPORT
For
**HENAN ESHOW ELECTRONIC COMMERCE CO.,
LTD.**

Room 722, Sanjiang Building, No.170 Nanyang Road, Huiji District, Zhengzhou, Henan, China

FCC ID: 2AAR8RT21

Report Type: Original Report	Product Type: Two Way Radio
Report Number: RDG201109014-00A	
Report Date: 2020-11-11	
Reviewed By:	Ivan Cao 
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GENERAL INFORMATION

Product Description for Equipment Under Test (EUT)

EUT Name:	Two Way Radio
EUT Model:	RT21
Operation Frequency:	462.5500-462.7250MHz
Modulation Mode:	FM
Channel Spacing:	12.5kHz
Emission Designator:	11K0F3E
Maximum Output Power: (ERP)	29.90dBm
Rated Input Voltage:	DC 3.7V from battery
Serial Number:	RDG201109014-RF-S9
EUT Received Date:	2020.11.09
EUT Received Status:	Good

Objective

This report is prepared on behalf of **HENAN ESHOW ELECTRONIC COMMERCE CO., LTD.** in accordance with Part 2 and Part 95, Subpart A and B of the Federal Communication Commissions rules.

Test Methodology

All tests and measurements indicated in this document were performed in accordance with:

the Code of federal Regulations Title 47, Part 2, Part 95 Subpart A and Subpart B

ANSI C63.26-2015, American National Standard for Compliance Testing of Transmitters Used in Licensed Radio Services

TIA-603-E-2016, Land Mobile FM or PM Communications Equipment Measurement and Performance Standards

All emissions measurement was performed and Bay Area Compliance Laboratories Corp. (Dongguan).

Measurement Uncertainty

Parameter	Measurement Uncertainty
Occupied Channel Bandwidth	$\pm 5\%$
RF output power, conducted	$\pm 0.61\text{dB}$
Unwanted Emissions, radiated	30MHz ~ 1GHz: 5.85 dB 1G~26.5GHz: 5.23 dB
Unwanted Emissions, conducted	$\pm 1.5\text{ dB}$
Temperature	$\pm 1^\circ\text{C}$
Humidity	$\pm 5\%$
DC and low frequency voltages	$\pm 0.4\%$
Duty Cycle	1%

Note: Otherwise required by the applicant or Product Regulations, Decision Rule in this report did not consider the uncertainty. The extended uncertainty given in this report is obtained by combining the standard uncertainty times the coverage factor K with the 95% confidence interval.

Test Facility

The Test site used by Bay Area Compliance Laboratories Corp. (Dongguan) to collect test data is located on the No.69 Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China.

The lab has been recognized as the FCC accredited lab under the KDB 974614 D01 and is listed in the FCC Public Access Link (PAL) database, FCC Registration No. : 897218, the FCC Designation No. : CN1220.

The lab has been recognized by Innovation, Science and Economic Development Canada to test to Canadian radio equipment requirements, the CAB identifier : CN0022.

Declarations

BACL is not responsible for the authenticity of any test data provided by the applicant. Data included from the applicant that may affect test results are marked with a triangle symbol “ Δ ”. Customer model name, addresses, names, trademarks etc. are not considered data.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested.

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This report must not be used by the customer to claim product certification, approval, or endorsement by A2LA, or any agency of the U.S. Government.

This report may contain data that are not covered by the accreditation scope and shall be marked with an asterisk “★”.

SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Results
§2.1093	RF Exposure	Compliance*
§2.1046, §95.567	RF Output Power	Compliance*
§2.1047, §95.575	Modulation Characteristic	Compliance*
§2.1049, §95.573, §95.579	Authorized Bandwidth & Emission Mask	Compliance*
§2.1053, §95.579	Spurious Radiated Emissions	Compliance*
§2.1055(d), §95.565	Frequency Stability	Compliance*

Compliance*: this device is same product with the certified devcie, FCC ID: 2AAR8RETEVISRT21, this item please refer to the original report: RSZ171229002-00, which was issued on 2018-03-21, by Bay Area Compliance Laboratories Corp. (Shenzhen)

******* END OF REPORT *******