

FCC PART 95 MEASUREMENT AND TEST REPORT

For

Giant Telecom Limited

33/F., Two Landmark East, 100 How Ming Street, Kwun Tong, Kowloon, Hong Kong

FCC ID: RAQLYAA

Report Type: Class II Permissive Change	Product Type: Two-way Radio
Report Number: RDG190513006-00A1	
Report Date: 2019-06-20	
Reviewed By:	Jerry Zhang EMC Manager
Test Laboratory: Bay Area Compliance Laboratories Corp. (Dongguan) No.69 Pulongcun, Puxinhu Industry Area, Tangxia, Dongguan, Guangdong, China Tel: +86-769-86858888 Fax: +86-769-86858891 www.baclcorp.com.cn	

Note: This test report is prepared for the customer shown above and for the device described herein. It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp. (Dongguan). This report must not be used by the customer to claim product certification, approval, or endorsement by A2LA* or any agency of the Federal Government. * This report may contain data that are not covered by the A2LA accreditation and are marked with an asterisk “*”.

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GENERAL INFORMATION

Product Description for Equipment Under Test (EUT)

EUT Name:	Two-way Radio
EUT Model:	R100
Multiple Models:	R101
Rated Input Voltage:	DC 4.5 V from battery
Serial Number:	190513006
EUT Received Date:	2019-05-13

Note: The series product, model R100, R101 are electrically identical.

Objective

This report is prepared on behalf of **Giant Telecom Limited** in accordance with Part 2 and Part 95, Subpart A and B of the Federal Communication Commissions rules.

This is Class II Permissive change application, the difference with original is:

- 1) To re-classify from FRS/GMRS Combo to FRS Only Device per FCC part 95 new rule

The changes between the previous device and the current one are stated and guaranteed by the applicant, the differences between them not affect any results.

Related Submittal(s)/Grant(s)

No related submittal(s).

Test Methodology

All tests and measurements indicated in this document were performed in accordance with Part 95 Subpart B and Subpart E of the Federal Communication Commissions rules with TIA-603-D, Land Mobile FM or PM-Communications Equipment-Measurement and Performance Standards.

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.

SUMMARY OF TEST RESULTS

FCC New Rules	Description of Test	Comparison With Old Rule	Results
§2.1093	RF Exposure	Identical requirement	Compliance
§2.1046, §95.567	RF Output Power	462.55-462.7250 MHz: 29.35 dBm<33dBm(2W) 467.5625-467.7125 MHz:25.67 dBm < 27dBm(0.5W)	Compliance
§2.1047, §95.575	Modulation Characteristic	Identical requirement	Compliance
§2.1049, §95.573, §95.579	Authorized Bandwidth & Emission Mask	Comparison the original report, the result compliace with the new rule	Compliance
§2.1053, §95.579	Spurious Radiated Emissions	Identical requirement	Compliance
§2.1055(d), §95.565	Frequency Stability	Result: 0.22ppm < 2.5ppm	Compliance

The device meet the requirement of FCC new rules, please refer to the original RF report: DDT-RE140447 and original SAR report: DDT-RE140449 for more detailly.

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