



FCC PART 95

MEASUREMENT AND TEST REPORT

For

Powerwerx, Inc.

23695 Via Del Rio Yorba Linda California 92887, United States

FCC ID: 2ACK8TR505D

Report Type: Original Report	Product Type: Two-way radio
Test Engineer: <u>Rocky Kang</u>	
Report Number: <u>RSZ150914551-00B</u>	
Report Date: <u>2015-10-30</u>	
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Note: This test report is prepared for the customer shown above and for the equipment described herein. It may not be duplicated or used in part without prior written consent from Bay Area Compliance Laboratories Corp.

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GENERAL INFORMATION

Product Description for Equipment under Test (EUT)

The *Powerwerx, Inc.* 's product, model number: *TR-505* (*FCC ID: 2ACK8TR505D*) or the "EUT" in this report was a *Two-way radio*, the unit was measured approximately: 12.5 cm (L) x 5.8cm (W) x 4.5 cm (H), rated input voltage: DC 7.4 V battery.

** All measurement and test data in this report was gathered from production sample serial number: 1507083 (Assigned by BACL, Shenzhen). The EUT supplied by the applicant was received on 2015-09-14.*

Objective

This report is prepared on behalf of *Powerwerx, Inc.* in accordance with Part 2 and Part 95, Subpart A & Subpart B & Subpart E of the Federal Communication Commissions rules.

Related Submittal(s)/Grant(s)

FCC Part 95 TNF submission with FCC ID: 2ACK8TR505D.

Test Methodology

All tests and measurements indicated in this document were performed in accordance with Part 95 Subpart A, 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.

All emissions measurement was performed and Bay Area Compliance Laboratories Corp. (Shenzhen). The radiated testing was performed at an antenna-to-EUT distance of 3 meters.

Test Facility

The test site used by Bay Area Compliance Laboratories Corp. (Shenzhen) to collect test data is located on the 6/F, the 3rd Phase of WanLi Industrial Building, ShiHua Road, FuTian Free Trade Zone Shenzhen, Guangdong, China.

Test site at Bay Area Compliance Laboratories Corp. (Shenzhen) has been fully described in reports submitted to the Federal Communication Commission (FCC). The details of these reports have been found to be in compliance with the requirements of Section 2.948 of the FCC Rules on October 31, 2013. The facility also complies with the radiated and AC line conducted test site criteria set forth in ANSI C63.4-2014.

The Federal Communications Commission has the reports on file and is listed under FCC Registration No.: 382179. The test site has been approved by the FCC for public use and is listed in the FCC Public Access Link (PAL) database.

SYSTEM TEST CONFIGURATION

Description of Test Configuration

The system was configured for testing in a typical fashion (as normally used by a typical user).

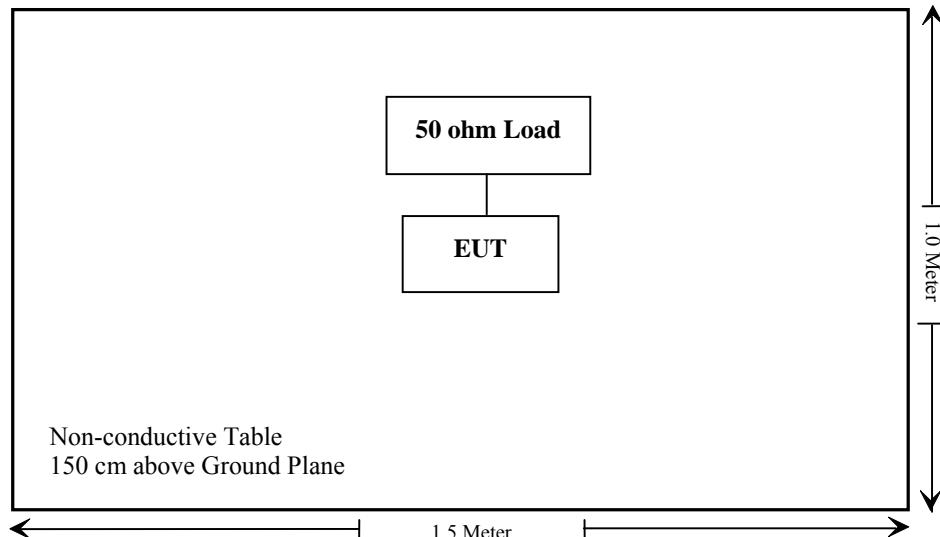
Equipment Modifications

No modification was made to the EUT tested.

Support Equipment List and Details

Manufacturer	Description	Model	Serial Number
N/A	50 ohm Load	N/A	N/A

Block Diagram of Test Setup



SUMMARY OF TEST RESULTS

FCC Rules	Description of Test	Results
§1.1307(b);§2.1093	RF Exposure	Compliance
§2.1046, §95.639(a), §95.639(d)	RF Output Power	Compliance*
§2.1047, §95.637(a)	Modulation Characteristic	Compliance*
§2.1049, §95.633(a) (c)	Authorized Bandwidth & Emission Mask	Compliance*
§2.1053, §95.635(b) (7)	Spurious Radiated Emissions	Compliance*
§2.1055(d), §95.626(b), §95.621	Frequency Stability	Compliance*

Compliance*: The EUT (Model: TR-505, FCC ID: 2ACK8TR505D) is the same product as the EUT (Model: TR-505, FCC ID: 2ACK8TR505) granted on 2014-12-31. So all the test data is referred to the FCC ID: 2ACK8TR505 granted on 2014-12-31, report No.: RSZ141128553-00, which was tested by Bay Area Compliance Laboratories Corp. (Shenzhen).

FCC §1.1307(b) & §2.1093 - RF EXPOSURE

Applicable Standard

According to FCC §1.1307(b) and §2.1093, protable device operates Part 90 should be subjected to routine environmental evaluation for RF exposure prior or equipment authorization or use.

Result: Compliance.

Please refer to SAR Report Number: RSZ150914554-20B.

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