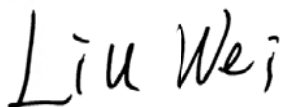


# EMC TEST REPORT

**Applicant** Emerson White-Rodgers  
**FCC ID** 2A4JN-RS01-SG5468  
**Product** Indoor Room Sensor – Sub-GHZ  
**Brand** Sensi  
**Model** RS01-SG  
**Report No.** R2306A0686-E1  
**Issue Date** July 11, 2023

TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **FCC Code CFR47 Part15B (2022)/ ANSI C63.4-2014**. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.



*Prepared by: Liu Wei*

*Approved by: Fan Guangchang*

**TA Technology (Shanghai) Co., Ltd.**

*Building 3, No.145, Jintang Rd, Pudong Shanghai, P.R.China*

*TEL: +86-021-50791141/2/3*

*FAX: +86-021-50791141/2/3-8000*

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# 1 Test Laboratory

## 1.1 Notes of the Test Report

This report shall not be reproduced in full or partial, without the written approval of **TA Technology (Shanghai) Co., Ltd.** The results documented in this report apply only to the tested sample, under the conditions and modes of operation as described herein. Measurement Uncertainties were not taken into account and are published for informational purposes only. This report is written to support regulatory compliance of the applicable standards stated above.

## 1.2 Test Facility

### **FCC (Designation number: CN1179, Test Firm Registration Number: 446626)**

TA Technology (Shanghai) Co., Ltd. has been listed on the US Federal Communications Commission list of test facilities recognized to perform measurements.

### **A2LA (Certificate Number: 3857.01)**

TA Technology (Shanghai) Co., Ltd. has been listed by American Association for Laboratory Accreditation to perform measurement.

## 1.3 Testing Location

Company: TA Technology (Shanghai) Co., Ltd.  
Address: Building 3, No.145, Jintang Rd, Pudong Shanghai, P.R.China  
City: Shanghai  
Post code: 201201  
Country: P. R. China  
Contact: Fan Guangchang  
Telephone: +86-021-50791141/2/3  
Fax: +86-021-50791141/2/3-8000  
Website: <http://www.ta-shanghai.com>  
E-mail: [fanguangchang@ta-shanghai.com](mailto:fanguangchang@ta-shanghai.com)

## 2 General Description of Equipment Under Test

### 2.1 Applicant and Manufacturer Information

<b>Applicant</b>	Emerson White-Rodgers
<b>Applicant address</b>	8100 West Florissant Ave, St. Louis, United States of America
<b>Manufacturer</b>	Emerson White-Rodgers
<b>Manufacturer address</b>	8100 West Florissant Ave, St. Louis, United States of America

### 2.2 General Information

EUT Description			
Device Type	Movable Device		
Model	RS01-SG		
Lab internal SN	R2306A0686/S01		
HW Version	0059-5468		
SW Version	0170-1641		
Power Rating	DC 3.0V		
Connecting I/O Port(s)	Please refer to the User's Manual.		
Antenna Type	PCB Antenna		
Frequency	Band	Tx (MHz)	Rx (MHz)
	Model 900MHz	902.46 ~ 927.54	902.46 ~ 927.54
Date of Sample Received	June 13, 2023		
EUT Accessory			
Battery	Manufacturer: Energizer Model: AAA E92 DC 1.5V, 1200mAh		
BASE	Manufacturer: Emerson White-Rodgers PN: 0004-1987 (size: 66.51 X 28.88 X 51.40 mm)		
Note:			
1. The EUT is sent from the applicant to TA and the information of the EUT is declared by the applicant.			

RS01-SG (Report No.: R2306A0686-E1) is a variant model of RS01-SG (Report No.: R2301A0085-E1). This product added 2nd and 3rd sources for some components in RS01-SG (Original).

Tested case refers to the following table.

Test Case	Original	Variant
Radiated Emission	Pass	Tested Radiated Emission, and did not worsen, so they were not recorded in the report.

This report is used in conjunction with the original report (Report No.: R2301A0085-E1).

The detailed product change description please refers to the *Difference Declaration Letter*.

## ANNEX A: The EUT Appearance

The EUT Appearance are submitted separately.

## ANNEX B: Product Change Description

The Product Change Description are submitted separately.

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