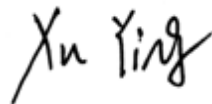


RF TEST REPORT

Applicant Emerson White-Rodgers
FCC ID 2A4JN-RS01-SG5468
Product Indoor Room Sensor – Sub-GHZ
Brand Sensi
Model RS01-SG
Report No. R2306A0686-R1
Issue Date July 11, 2023

TA Technology (Shanghai) Co., Ltd. tested the above equipment in accordance with the requirements in **FCC CFR47 Part 15C (2022)**. The test results show that the equipment tested is capable of demonstrating compliance with the requirements as documented in this report.



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TABLE OF CONTENT

1	Test Laboratory	3
1.1	Notes of the Test Report	3
1.2.	Test facility	3
1.3	Testing Location.....	3
2	General Description of Equipment under Test	4
2.1	Applicant and Manufacturer Information.....	4
2.2	General information.....	4
	ANNEX A: The EUT Appearance	6
	ANNEX B: Product Change Description	7

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
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2 General Description of Equipment under Test

2.1 Applicant and Manufacturer Information

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

2.2 General information

EUT Description	
Model	RS01-SG
Lab internal SN	R2306A0686/S01
Hardware Version	0059-5468
Software Version	0170-1641
Power Supply	Battery
Antenna Type	PCB Antenna
Antenna Connector	A permanently attached antenna (meet with the standard FCC Part 15.203 requirement)
Antenna Gain	-2.26dBi
Test Mode(s)	Model 900MHz
Modulation Type	FSK2
Total Channel Number	67
Channel Space	380kHz
Operating Frequency Range(s)	902 ~ 928MHz
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: 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-R1) is a variant model of RS01-SG (Report No.: R2301A0085-R1). 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
Output Power	Pass	Verify Output Power (Channel 0), Power of new variant is varied due to measurement uncertainty, and sample tolerance of the acceptance range.
Occupied Bandwidth (20dB)	Pass	Tested Occupied Bandwidth (20dB) (worst case), and did not worsen, so they were not recorded in the report.
Band Edge Compliance	Pass	Tested Band Edge Compliance (worst case), and did not worsen, so they were not recorded in the report.
Unwanted Emissions	Pass	Tested Unwanted Emissions (worst case), 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-R1).

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 *****