

TEST REPORT

Product Name : FURNITURE POWER
DISTRIBUTION
UNITS
Model Number : SLPU-2P1U1C1S-WL,
SLPU-2P2U1S-WL,
SLPU-2P1U1C1S-RC-
WL
FCC ID : 2BT3O-0680SA

Prepared for : Self Electronics Co., Ltd.
Address : No. 1345 Ju Xian Road NINGBO Hi Tech Park NINGBO
315103 P.R. China

Prepared by : EMTEK (NINGBO) CO., LTD.
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Report Number : ENB2605090145W00102R
Date(s) of Tests : May 09, 2026 to May 20, 2026
Date of Issue : May 22, 2026

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Test Report Description

Applicant : Self Electronics Co., Ltd.
Address : No. 1345 Ju Xian Road NINGBO Hi Tech Park NINGBO 315103 P.R. China
Manufacturer : Self Electronics Co., Ltd.
Address : No. 1345 Ju Xian Road NINGBO Hi Tech Park NINGBO 315103 P.R. China
EUT : FURNITURE POWER DISTRIBUTION UNITS
Model Name : SLPU-2P1U1C1S-WL, SLPU-2P2U1S-WL, SLPU-2P1U1C1S-RC-WL
Trademark : Self

The device described above is tested by EMTEK (NINGBO) CO., LTD. to determine the maximum emission levels emanating from the device and the severe levels of the device can endure and its performance criterion. This report shows the EUT to be technically compliant with the FCC 1.1310 and KDB 447498 D01 General RF Exposure Guidance v07 requirements. The test results are contained in this report and EMTEK (NINGBO) CO., LTD. is assumed full responsibility for the accuracy and completeness of these tests.

This report applies to above tested sample only and shall not be reproduced in part without written approval of EMTEK (NINGBO) CO., LTD.

Date of Test : May 09, 2026 to May 20, 2026

Prepared by : 
WK Luo /Engineer

Reviewer : 
June Gao /Supervisor

Approved & Authorized Signer : 
Tony Wei /Manager

Modified Information

Version	Report No.	Revision Date	Summary
/	ENB2605090145W00102R	/	Original Report

Note: This application is for the terminal device model of the reporting module. The terminal device models include SLPU-2P1U1C1S-WL, SLPU-2P2U1S-WL, SLPU-2P1U1C1S-RC-WL. All these models will use the wireless module with the model number SLPU-0680SA. The module has passed the certification and its FCC ID is 2BT3O-0680SA. This application has conducted verification tests on the reported terminal devices.



1. Facilities And Accreditations

1.1. Test Facility

All measurement facilities used to collect the measurement data are located at
EMTEK (NINGBO) Co., Ltd.

No. 8, Building 8, Lane 216, Qingyi Road, Ningbo High-Tech Zone, Ningbo, Zhejiang, China
The sites are constructed in conformance with the requirements of ANSI C63.7, ANSI C63.10 and CISPR Publication 32.

1.2. LABORATORY ACCREDITATIONS AND LISTINGS

Site Description
EMC Lab.

: Accredited by CNAS

The Certificate Registration Number is L6666.

The Laboratory has been assessed and proved to be in compliance with
CNAS-CL01:2018 (identical to ISO/IEC 17025:2017)

Designation by FCC

Designation Number: CN1354

Test Firm Registration Number: 427606

Accredited by A2LA

The Certificate Number is 4321.03.

Accredited by ISED

The Conformity Assessment Body Identifier is CN0114

Name of Firm : EMTEK (NINGBO) CO., LTD.

Site Location : No. 8, Building 8, Lane 216, Qingyi Road, Ningbo High-Tech Zone,
Ningbo, Zhejiang, China

2. General Product Information

Product:	FURNITURE POWER DISTRIBUTION UNITS
Model Number:	SLPU-2P1U1C1S-WL, SLP-2P2U1S-WL, SLP-2P1U1C1S-RC-WL Note: The difference between model SLP-2P1U1C1S-WL and model SLP-2P2U1S-WL is only in the power output interface. The difference between model SLP-2P1U1C1S-WL and model SLP-2P1U1C1S-RC-WL is in the size and internal structure. The power board and control board are different. We have conducted verification tests on SLP-2P1U1C1S-WL and SLP-2P1U1C1S-RC-WL respectively.
Sample Number:	ENB2605090145W001-1-3, ENB2605090145W001-3-3
Test Voltage:	AC 120V/60Hz
Modulation:	MSK
Frequency Range:	2436.199 MHz
Max Transmit Power:	87.73 dBuV/m
Antenna:	PCB antenna
Antenna Gain:	9.5 dBi
Temperature Range:	-20°C ~ 35°C
Date of Received:	May 09, 2026

Note: for more details, please refer to the User's manual of the EUT.

3. Limit

According to §15.249(i) and §1.1307(b)(1), systems operating under the provisions of this section shall be operated in a manner that ensures that the public is not exposed to radio frequency energy level in excess of the Commission's guidelines.

According to KDB447498 D01 General RF Exposure Guidance V07

The 1-g and 10-g SAR test exclusion thresholds for 100 MHz to 6 GHz at test separation distances ≤ 50 mm are determined by:

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] * [\sqrt{f}(\text{GHz})] \leq 3.0$ for 1-g SAR and ≤ 7.5 for 10-g extremity SAR, where

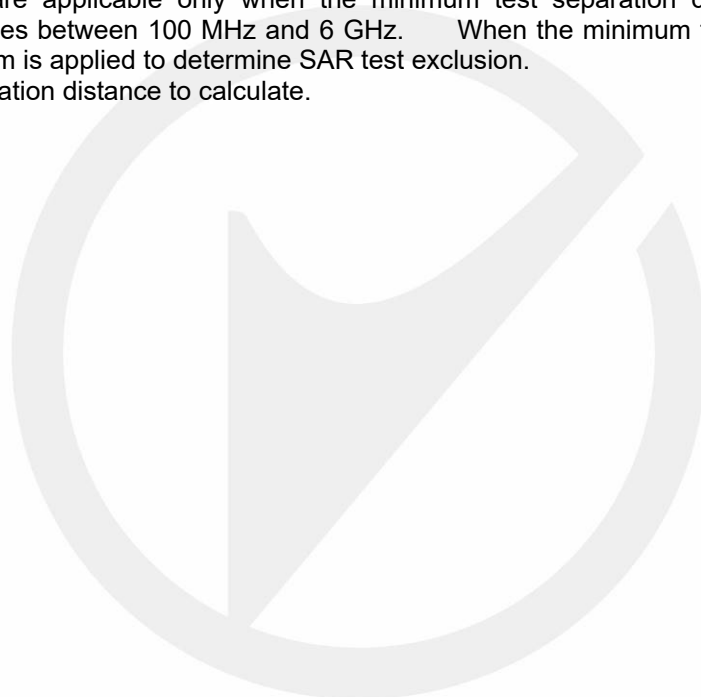
$f(\text{GHz})$ is the RF channel transmit frequency in GHz;

Power and distance are rounded to the nearest mW and mm before calculation;

The result is rounded to one decimal place for comparison;

The test exclusions are applicable only when the minimum test separation distance is ≤ 50 mm and for transmission frequencies between 100 MHz and 6 GHz. When the minimum test separation distance is < 5 mm, a distance of 5 mm is applied to determine SAR test exclusion.

We use 5mm as separation distance to calculate.



4. Test Results

Maximum measured transmitter power:
 $EIRP = E + 20 \log(d) - 104.7 = 87.73 + 9.54 - 104.7 = -7.43 \text{ dBm}$

Transmit Frequency (MHz)	Mode	EIRP Power (dBm)	tune up maximum power(dBm)	Result calculation	1-g SAR
2436.199	MSK	-7.43 dBm	-7.0	0.01	3

Conclusion:
 For the max result : $0.01 \leq 3.0$ for 1-g SAR extremity SAR.

*** End of Report ***

