



TEST REPORT

REPORT NUMBER: I23W00037-SAR

ON

Type of Equipment: Separate Monitor

Type of Designation: NP511, NP512

Brand Name: SUNMI

Manufacturer: Shanghai Sunmi Technology Co.,Ltd.

FCC ID: 2AH25NP


ACCORDING TO
FCC CFR 47 Part 2.1091-2022
IEEE C95.1-2019
KDB 447498 D04

Chongqing Academy of Information and Communication Technology

Month date, year

Sep. 11, 2023

Signature



Xiang Luoyong

Director

Note:

The test results in this test report relate only to the devices specified in this report. This report shall not be reproduced except in full without the written approval of Chongqing Academy of Information and Communications Technology.

Chongqing Academy of Information and Communication Technology

Address: No. 8,Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China,401336
Tel: 0086-23-88069965 FAX:0086-23-88608777



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Revision Version

Report Number	Revision	Date
I23W00037-SAR	00	2023-09-11

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1. Test Laboratory

1.1 Testing Location

Company Name:	Chongqing Academy of Information and Communications Technology
Designation Number:	CN1239
Address:	No. 8, Yuma Road, Chayuan New City, Nan'an District, Chongqing, P. R. China
Postal Code:	401336
Telephone:	0086-23-88069965/021-68866880
Fax:	0086-23-88608777

1.2 Testing Environment

Normal Temperature:	--
Relative Humidity:	--
Ambient noise & Reflection:	--

1.3 Project Data

Testing Start Date:	--
Testing End Date:	--

1.4 Signature



2023-09-11

Hu Bo
(Prepared this test report)

Date



2023-09-11

Yu Chun
(Reviewed this test report)

Date



2023-09-11

Xiang Luoyong
Director of the laboratory
(Approved this test report)

Date

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2. Client Information

2.1 Applicant Information

Company Name:	Shanghai Sunmi Technology Co.,Ltd.
Address /Post:	Room 505,No.388,Song Hu Road,Yang Pu District,Shanghai,China
Country:	CHINA
Telephone:	+86 17302160204
Fax:	--
Email:	minfei.chen@sunmi.com
Contact Person:	Chen Minfei

2.2 Manufacturer Information

Company Name:	Shanghai Sunmi Technology Co.,Ltd.
Address /Post:	Room 505,No.388,Song Hu Road,Yang Pu District,Shanghai,China
Country:	CHINA
Telephone:	+86 17302160204
Fax:	--
Email:	minfei.chen@sunmi.com
Contact Person:	Chen Minfei

3. Equipment Under Test (EUT) and Ancillary Equipment (AE)

3.1 About EUT

Description:	Separate Monitor
Model name:	NP511, NP512
Tested Tx Frequency:	13.56 MHz
Device type:	Mobile device
Antenna type:	FPC antenna

3.2 Internal Identification of EUT used during the test

EUT ID*	SN or IMEI	HW Version	SW Version	Date of receipt
--	--	2.0.B	1.0.0	2023-07-21

*EUT ID: is used to identify the test sample in the lab internally.

3.3 Internal Identification of AE used during the test

AE ID*	Description	Model	SN	Manufacturer
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*AE ID: is used to identify the test sample in the lab internally.

4. Reference Documents

4.1 Applicable Limit Regulations

FCC CFR 47 Part 2.1091-2022: Radiofrequency radiation exposure evaluation: mobile devices.

IEEE C95.1:2019: IEEE Standard for Safety Levels with Respect to Human Exposure to Electric, Magnetic, and Electromagnetic Fields, 0 Hz to 300 GHz.

4.2 Applicable Measurement Standards

KDB447498 D04: Interim General RF Exposure Guidance v01: RF Exposure Procedures and Equipment Authorization Policies for Mobile and Portable Devices

Note: KDB 447498 D04 and FCC CFR 47 Part 2.1091-2022 are not approved by A2LA.

5.RF Exposure Evaluation

5.1 Introduction

According to KDB 447498 D04, a single RF source is exempt RF device if the available maximum time-averaged power is no more than 1 mW, regardless of separation distance. This exemption applies to all operating configurations and exposure conditions, for the frequency range 100 kHz to 100 GHz, regardless of fixed, mobile, or portable device exposure conditions. This is a standalone exemption, and it cannot be applied in conjunction with any other test exemption.

5.2 Test Results

Table 5.2-1: Maximum Output Power

DUT	Frequency (MHz)	dB μ V/m @3m	EIRP(dBm)	Maximum Tune up(dBm)	Maximum Tune up(mW)	Exclusion Thresholds (mW)
Main supply	13.56	55.621	-39.607	-38.00	0.00016	1.00
Secondary supply	13.56	56.831	-38.397	-38.00	0.00016	1.00

Note: $EIRP(dBm) = \text{Radiated field strength}(dB\mu V/m) + 20\text{Log}(d) - 104.77$, d is the measurement distance, in 3 m.

Conclusion: Base on the above table, No SAR measurement is required.

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

ANNEX A. Accreditation Certificate



Accredited Laboratory

A2LA has accredited

CHONGQING ACADEMY OF INFORMATION AND COMMUNICATIONS TECHNOLOGY

Chongqing, People's Republic of China

for technical competence in the field of

Electrical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017 General requirements for the competence of testing and calibration laboratories. This laboratory also meets the requirements of any additional program requirements in the Electrical field.

This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system

(refer to joint ISO-ILAC-IAF Communiqué dated April 2017).



Presented this 20th day of July 2022



Mr. Trace McInturff, Vice President, Accreditation Services
For the Accreditation Council
Certificate Number 4897-01
Valid to May 31, 2024

For the tests or types of tests to which this accreditation applies, please refer to the laboratory's Electrical Scope of Accreditation.

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