

Report No.: SUCR250400032301

Rev.: 01 1 of 23 Page:

TEST REPORT

Application No: SUCR2504000323WM

Applicant: COOSEA GROUP (HK) COMPANY LIMITED

Address of Applicant: UNIT 5-6 16/F MULTIFIELD PLAZA 3-7A PRAT AVENUE TSIMSHATSUI KL

COOSEA GROUP (HK) COMPANY LIMITED Manufacturer:

Address of Manufacturer: UNIT 5-6 16/F MULTIFIELD PLAZA 3-7A PRAT AVENUE TSIMSHATSUI KL

EUT Description: Smart Phone

Model No.:

Please refer to section 1 of this report which indicates which model was

actually tested and which were electrically identical.

FCC ID: 2A28USN512

Standard(s): FCC 47 CFR Part 15, Subpart B

Date of Receipt: 2025/04/15

Date of Test: 2025/05/13 to 2025/05/17

Date of Issue: 2025/06/12

Test Result: Pass*

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at w.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Report Template No./Rev: SUWI-TRF-RF/v01

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. South of No. 6 Plant, No. 1, RunSheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

t (86-512) 6229 2980 www.sgsgroup.com.cn

^{*} In the configuration tested, the EUT complied with the standards specified above.



Report No.: SUCR250400032301

Rev.: 01 2 of 23 Page:

Version

Revision Record		
Description	Date	Remark
Original	June 12, 2025	
	-	Description Date

Authorized for issue by:	
Tested By	Nature Shen / Project Manager
Approved By	Cloud Peng
	Cloud Peng/Technical Manager

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com



Report No.: SUCR250400032301

Rev.: 01 3 of 23 Page:

Test Summary

	Emission Part			
Item	Standard	Method	Requirement	Result
Conducted Emissions at Mains Terminals (150kHz-30MHz)	FCC 47 CFR Part 15, Subpart B	ANSI C63.4:2014	Class B	Pass
Radiated Emissions (30MHz-1GHz)	FCC 47 CFR Part 15, Subpart B	ANSI C63.4:2014	Class B	Pass
Radiated Emissions (above 1GHz)	FCC 47 CFR Part 15, Subpart B	ANSI C63.4:2014	Class B	Pass

Internal Source	Upper Frequency
Below 1.705MHz	30MHz
1.705MHz to 108MHz	1GHz
108MHz to 500MHz	2GHz
500MHz to 1GHz	5GHz
Above 1GHz	5th harmonic of the highest frequency or 40GHz, whichever is lower

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com



Report No.: SUCR250400032301

Rev.: 01 4 of 23 Page:

Contents

1	Ger	neral Information	5
	1.1 1.2	Description of Support Units Test Location	7 7
	1.3	Test Facility	
	1.4	Deviation from Standards	
	1.5	Abnormalities from Standard Conditions	7
2	Emi	ssion Test Results	8
	2.1	Conducted Emissions at Mains Terminals (150kHz-30MHz)	8
		1 E.U.T. Operation	
		2 Test Setup Procedures	
		3 Measurement Data	
	2.2	Radiated Emissions (30MHz-1GHz)	12
	2.2.	1 E.U.T. Operation	12
	2.2.	2 Test Setup Procedures	13
	2.2.	3 Measurement Data	13
	2.3	Radiated Emissions (above 1GHz)	16
	2.3.	1 E.U.T. Operation	
		2 Test Setup Procedures	
		3 Measurement Data	
3	Equ	ipment List	20
4	Mea	asurement Uncertainty	22
5		otographs	
		Test Setup	23
	.a i	Test Senio	7.3

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sqs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sqs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sqs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com



Report No.: SUCR250400032301

Rev.: 01 Page: 5 of 23

1 **General Information**

Product Name:	Smart Phone			
Model No. (EUT):	SN512A, SN512C			
Hardware Version:	1.0			
Software Version:	SN512AA10008	SN512AA10008		
IMEI:	357772740004257	357772740004257		
	Band	Tx (MHz)	Rx (MHz)	
	WCDMA Band II	1850~1910	1930~1990	
	WCDMA Band IV	1710~1755	2110~2155	
	WCDMA Band V	824~849	869~894	
	LTE Band 2	1850~1910	1930~1990	
	LTE Band 4	1710~1755	2110~2155	
	LTE Band 5	824~849	869~894	
	LTE Band7	2500~2570	2620~2690	
	LTE Band 12	699~716	729~746	
	LTE Band 14	788~798	746~756	
	LTE Band 17	704~716	734~746	
Frequency Bands:	LTE Band 30	2305~2315	2350~2360	
rrequeriey Barrae.	LTE Band 66	1710~1780	2110~2200	
	NR Band n2	1850~1910	1930~1990	
	NR Band n5	824~849	869~894	
	NR Band n30	2305~2315	2350~2360	
	NR Band n66	1710~1780	2110~2200	
	ND Dand n77	3450-3550	3450-3550	
	NR Band n77 3700-3980 3700-3980		3700-3980	
	LTE CA:CA_2A-5A;CA_2A-12A;CA_2A-14A;CA_4A-12A; CA_5A-30A;CA_5A-66A;CA_12A-30A;CA_12A-66A;CA_14A-30A; CA_14A-66A;CA_5B;CA_66B;CA_66C ENDC:DC_5A_n2A;DC_12A_n2A;DC_14A_n2A;DC_30A_n2A; DC_66A_n2A;DC_2A_n5A;DC_30A_n5A;DC_66A_n5A; DC_2A_n30A;DC_5A_n30A;DC_12A_n30A;DC_14A_n30A; DC_66A_n30A;DC_2A_n66A;DC_5A_n66A;DC_12A_n66A;			

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Report No.: SUCR250400032301

Rev.: 01 Page: 6 of 23

DC_14A_n66A;DC_30A_n66A;DC_2A_n77A;DC_5A_n77A; DC_30A_n77A;DC_66A_n77A;DC_12A_n77A;DC_14A_n77A; DC_66A_n66A;DC_2A_n2A;		
Wi-Fi 2.4G	2412~2462	2412~2462
Bluetooth	2402~2480	2402~2480
Wi-Fi 5G	5150~5850	5150~5850

Remark:

- 1. Since the above data and/or information is provided by the client relevant results or conclusions of this report are only made for these data and/or information, SGS is not responsible for the authenticity, integrity and results of the data and information and/or the validity of the conclusion.
- 2.The two models named SN512A, SN512C are the same product except that their model names are different for different market segments.

Accessory:

Adapter	Model No.	Manufacturer
Power Adapter	PS10UC050K2000UU	3E VIETNAM ELECTRONIC TECHNOLOGYCOMPANY LIMITED
USB cable	01.07.11.00211	Sohan Vietnam Technology Co., LTD

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Report No.: SUCR250400032301

Rev.: 01 Page: 7 of 23

1.1 Description of Support Units

Description	Manufacturer	Model No.	Inventory No.
Router	Smavwave Technology Co.,Ltd	SRT 421	SUWI-04-34-01
Computer	Lenovo	T14	SUWI-03-33-04
Earphones	oppo	oppo Earphones	N/A

1.2 Test Location

All tests were performed at:

Company:	SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd.
Address:	South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone
Post code:	215000
Test engineer:	King-p Li

1.3 Test Facility

The test facility is recognized, certified, or accredited by the following organizations:

A2LA (Certificate No. 6336.01)

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. is accredited by the American Association for Laboratory Accreditation(A2LA). Certificate No. 6336.01.

Innovation, Science and Economic Development Canada

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. has been recognized by ISED as an accredited testing laboratory.

CAB identifier: CN0120.

IC#: 27594.

FCC –Designation Number: CN1312

SGS-CSTC STANDARDS TECHNICAL SERVICES (SUZHOU) CO., LTD. has been recognized as an accredited testing laboratory.

Designation Number: CN1312.

Test Firm Registration Number: 717327

1.4 Deviation from Standards

None

1.5 Abnormalities from Standard Conditions

None

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Report Template No./Rev: SUWI-TRF-RF/v01

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. South of No. 6 Plant, No. 1, RunSheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

t (86-512) 6229 2980 www.sgsgroup.com.cn



Report No.: SUCR250400032301

Rev.: 01 Page: 8 of 23

Emission Test Results 2

2.1 Conducted Emissions at Mains Terminals (150kHz-30MHz)

Test Requirement:	47 CFR Part 15, Subpart B			
Test Method:	ANSI C63.4:2014			
Frequency Range:	150kHz to 30MHz			
Receiver Setup:	RBW = 9kHz, VBW = 30kHz	RBW = 9kHz, VBW = 30kHz		
	Frequency Range (MHz)	Limit(dBµV)		
		Quasi-peak	average	
	0.15M-0.5MHz	66 ~ 56*	56 ~ 46*	
Limit:	0.5M-5MHz	56	46	
	5M-30MHz	60	50	
	*Decreases with the logarithm of the frequency			
	Detector: Peak for pre-scan (9kHz resolution bandwidth) 0.15M to 30MHz			

2.1.1 E.U.T. Operation

Operating Environment:

Temperature:	22~23°C
Humidity:	44~46%RH
Atmospheric Pressure:	101kPa
Pretest these modes to find the worst case:	a: adapter+usb Cable+BT(Idle)+Earphones+2.4GWLAN(Idle)+Camera(Rear)+WCDMA Band 5(RX)Low
	b: adapter+usb Cable+BT(Idle)+Earphones+5GWLAN(Idle)+Camera(Front)+LTE Band 5 (RX) Mid
	c: adapter+usb Cable+BT(Idle)+Earphones+2.4GWLAN(Idle)+MP4+LTE Band 12 (RX) High
	d: adapter+usb Cable+BT(Idle)+Earphones+5GWLAN(Idle)+NFC ON+LTE Band 14 (RX) Low
	e: adapter+usb Cable+BT(Idle)+Earphones+2.4GWLAN(Idle)+GNSS+LTE Band 17 (RX) Mid
The worst case for final test:	b: adapter+usb Cable+BT(Idle)+Earphones+5GWLAN(Idle)+Camera(Front)+LTE Band 5 (RX) Mi

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

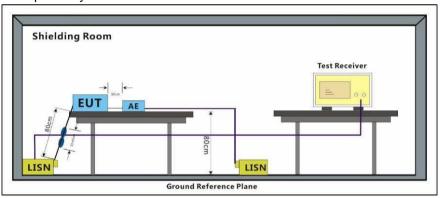


Report No.: SUCR250400032301

Rev.: 01 Page: 9 of 23

2.1.2 Test Setup Procedures

- 1. The EUT was placed 0.4 meter from the conducting wall of the shielding room was kept at least 80 centimeters from any other grounded conducting surface.
- 2. Connect EUT to the power mains through a line impedance stabilization network (LISN).
- 3. All the support units are connecting to the other LISN.
- 4. The LISN provides 50 ohm coupling impedance for the measuring instrument.
- 5. The FCC states that a 50 ohm, 50 microhenry LISN should be used.
- 6. Both sides of AC line were checked for maximum conducted interference.
- 7. The frequency range from 150 kHz to 30 MHz was searched.
- 8. Set the test-receiver system to Peak Detect Function and specified bandwidth (IF Bandwidth = 9kHz) with Maximum Hold Mode. Then measurement is also conducted by Average Detector and Quasi-Peak Detector Function respectively.



2.1.3 Measurement Data

An initial pre-scan was performed with peak detector. Quasi-Peak or Average measurement were performed at the frequencies with maximized peak emission were detected.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at ww.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

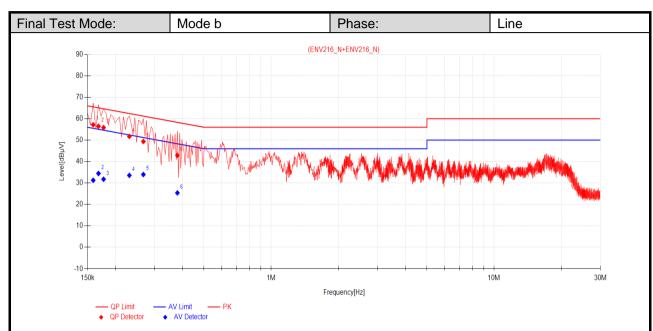
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com



Report No.: SUCR250400032301

Rev.: 01 Page: 10 of 23



Data	Data List										
NO.	Frequency [MHz]	Factor [dB]	QP Reading [dBµV]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	AV Reading [dBµV]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Verdict
1	0.1590	10.08	47.09	57.17	65.52	8.35	21.19	31.27	55.52	24.25	PASS
2	0.1680	10.07	46.41	56.48	65.06	8.58	24.39	34.46	55.06	20.60	PASS
3	0.1770	10.08	45.76	55.84	64.63	8.79	21.68	31.76	54.63	22.87	PASS
4	0.2310	10.07	41.67	51.74	62.41	10.67	23.49	33.56	52.41	18.85	PASS
5	0.2670	10.07	39.29	49.36	61.21	11.85	23.89	33.96	51.21	17.25	PASS
6	0.3795	10.06	32.84	42.90	58.29	15.39	15.32	25.38	48.29	22.91	PASS
_											

Remark:

- 1. The following Quasi-Peak and Average measurements were performed on the EUT:
- 2. Value =Reading[dBµV] + Factor(Lisn factor[dB] + cable loss[dB]).
- 3. Margin = Limit[dB μ V] Value[dB μ V]

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

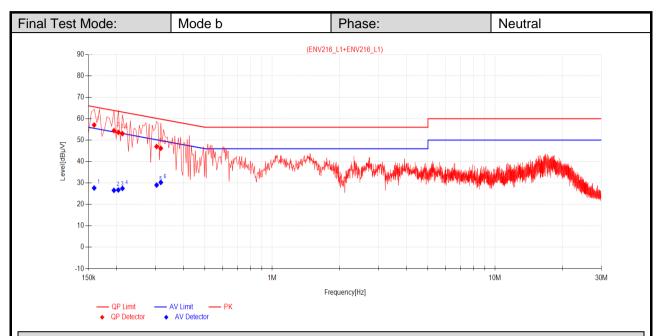
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone:(86-755) 8307 1443, or email: cN.Doccheck@sgs.com



Report No.: SUCR250400032301

Rev.: 01 Page: 11 of 23



Data	Data List										
NO.	Frequency [MHz]	Factor [dB]	QP Reading [dBµV]	QP Value [dBµV]	QP Limit [dBµV]	QP Margin [dB]	ΑV Reading [dBμV]	AV Value [dBµV]	AV Limit [dBµV]	AV Margin [dB]	Verdict
1	0.1590	10.08	46.98	57.06	65.52	8.46	17.58	27.66	55.52	27.86	PASS
2	0.1950	10.07	44.35	54.42	63.82	9.40	16.51	26.58	53.82	27.24	PASS
3	0.2040	10.08	43.55	53.63	63.45	9.82	16.68	26.76	53.45	26.69	PASS
4	0.2130	10.07	42.96	53.03	63.09	10.06	17.40	27.47	53.09	25.62	PASS
5	0.3030	10.06	36.94	47.00	60.16	13.16	18.97	29.03	50.16	21.13	PASS
6	0.3165	10.06	36.12	46.18	59.80	13.62	20.20	30.26	49.80	19.54	PASS

Remark:

- 1. The following Quasi-Peak and Average measurements were performed on the EUT:
- 2. Value =Reading[dBµV] + Factor(Lisn factor[dB] + cable loss[dB]).
- 3. Margin = Limit[dB μ V] Value[dB μ V]

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone:(86-755) 8307 1443, or email: cN.Doccheck@sgs.com



Report No.: SUCR250400032301

Rev.: 01 12 of 23 Page:

2.2 Radiated Emissions (30MHz-1GHz)

Test Requirement:	47 CFR Part 15, Subpart B						
Test Method:	ANSI C63.4:2014						
Frequency Range:	30MHz to 1GHz	30MHz to 1GHz					
Measurement Distance:	3m	3m					
	Frequency Range (MHz)	Limit(dBµV/m)	Detector				
	30MHz -88MHz	40.0	Quasi-peak				
Limit:	88MHz-216MHz	43.5	Quasi-peak				
	216MHz-960MHz	46.0	Quasi-peak				
	960MHz-1000MHz 54.0 Quasi-peak						
Detector:	Peak for pre-scan (120kHz res	solution bandwidth) 30M	to1000MHz				

2.2.1 E.U.T. Operation

Temperature:	22~23°C					
Humidity:	44~46%RH					
Atmospheric Pressure:	101kPa					
	a: adapter+usb Cable+BT(Idle)+Earphones+2.4GWLAN(Idle)+Camera(Rear)+WCDMA Band 5(RX) Low					
	b: adapter+usb Cable+BT(Idle)+Earphones+5GWLAN(Idle)+Camera(Front)+LTE Band 5 (RX) Mid					
Pretest these modes to find the worst case:	c: adapter+usb Cable+BT(Idle)+Earphones+2.4GWLAN(Idle)+MP4+LTE Band 12 (RX) High					
	d: adapter+usb Cable+BT(Idle)+Earphones+5GWLAN(Idle)+NFC ON+LTE Band 14 (RX) Low					
	e: adapter+usb Cable+BT(Idle)+Earphones+2.4GWLAN(Idle)+GNSS+LTE Band 17 (RX) Mid					
	f: Transfer data between the EUT and the PC+USB cable+5GWLAN(Idle)+BT(Idle)+Earphones+SA Band 5 (RX) High					
The worst case for final test:	f: Transfer data between the EUT and the PC+USB cable+5GWLAN(Idle)+BT(Idle)+Earphones+SA Band 5 (RX) High					

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

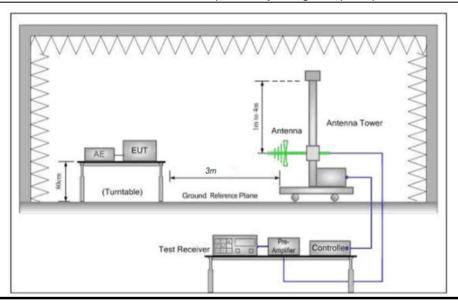


Report No.: SUCR250400032301

Rev.: 01 Page: 13 of 23

2.2.2 Test Setup Procedures

- 1. The EUT was placed in a semi Anechoic Chamber as show below
- 2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
- 3. The table was rotated 360 degrees to determine the position of the highest radiation.
- 4. The antenna height is adjusted between 1 to 4 meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
- 5. For each suspected emission, the EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
- 6. Set the test-receiver system to Peak Detect Function with specified bandwidth with Maximum Hold Mode, and the trace was allowed to stabilize.
- 7. If the emission level of the EUT in peak mode was 6 dB lower than the limit specified, peak values of EUT will be reported. Otherwise, the emission will be repeated by using the quasi-peak method and reported.



2.2.3 Measurement Data

An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Quasi-peak measurements were conducted based on the peak sweep graph. The EUT was measured by BiConiLog antenna with 2 orthogonal polarities.

The three polarities of X,Y,Z were measured by EUT, but only the worst data had been displayed.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

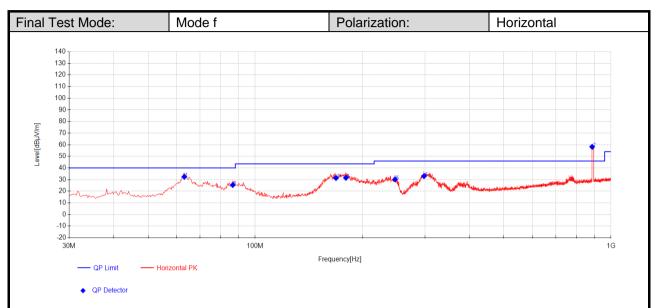
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone:(86-755) 8307 1443, or email: cN.Doccheck@sgs.com



Report No.: SUCR250400032301

Rev.: 01 14 of 23 Page:



Data L	Data List										
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Polarity			
1	63.2225	48.35	17.58	-33.51	32.42	40.00	7.58	Horizontal			
2	86.5025	44.26	14.40	-33.29	25.37	40.00	14.63	Horizontal			
3	168.71	45.38	18.45	-32.44	31.39	43.50	12.11	Horizontal			
4	179.865	47.38	16.53	-32.38	31.53	43.50	11.97	Horizontal			
5	247.28	45.32	16.85	-31.99	30.18	46.00	15.82	Horizontal			
6	298.205	46.38	18.23	-31.63	32.98	46.00	13.02	Horizontal			
7	885.055	59.38	27.50	-28.67	58.21	-	-	Horizontal			

Remark:

- 1. The Quasi-Peak measurements were performed on the EUT.
- 2. Value = Reading + AF + Factor:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Margin = Limit[dB μ V/m] –Value[dB μ V/m]

3. #7 30M-1G is system simulator signal which can be ignored.

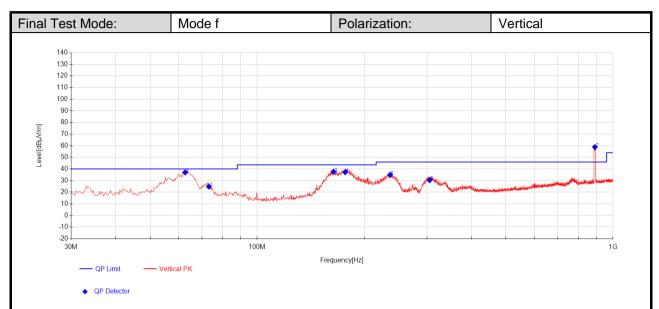
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Report No.: SUCR250400032301

Rev.: 01 15 of 23 Page:



Data L	ist							
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	QP Value [dBµV/m]	QP Limit [dBµV/m]	QP Margin [dB]	Polarity
1	62.7348	52.96	17.55	-33.52	36.99	40.00	3.01	Vertical
2	73.165	42.35	15.88	-33.39	24.84	40.00	15.16	Vertical
3	163.86	51.36	18.80	-32.50	37.66	43.50	5.84	Vertical
4	176.7125	52.24	17.32	-32.39	37.17	43.50	6.33	Vertical
5	236.3675	50.32	16.60	-32.06	34.86	46.00	11.14	Vertical
6	305.2375	43.35	18.60	-31.59	30.36	46.00	15.64	Vertical
7	889.1775	59.98	27.58	-28.67	58.89	-	-	Vertical

Remark:

- 1. The Quasi-Peak measurements were performed on the EUT.
- 2. Value = Reading + AF + Factor:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Margin = $Limit[dB\mu V/m] - Value[dB\mu V/m]$

3. #7 30M-1G is system simulator signal which can be ignored.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at ww.sqs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law. Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or

SGS-CSTC Standards Technical Services (Suzhou) Co., Ltd. | South of No. 6 Plant, No. 1, RunSheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

t (86-512) 6229 2980 www.sgsgroup.com.cn

email: CN.Doccheck@sgs.com



Report No.: SUCR250400032301

Rev.: 01 16 of 23 Page:

2.3 Radiated Emissions (above 1GHz)

Test Requirement:	47 CFR Part 15, Subpa	47 CFR Part 15, Subpart B						
Test Method:	ANSI C63.4:2014	ANSI C63.4:2014						
Frequency Range:	Above 1GHz	Above 1GHz						
Measurement Distance:	3m	3m						
	Frequency (MHz)	Limit (dBµV/m)	Detector					
Limit:	4011	74	Peak					
	Above 1GHz	54	Average					
Detector:	Peak for pre-scan (1000kHz resolution bandwidth) 5th harmonic of the highest frequency or 40GHz, whichever is lower.							

2.3.1 **E.U.T. Operation**

Temperature:	22~23°C				
Humidity:	44~46%RH				
Atmospheric Pressure:	101kPa				
	a: adapter+usb Cable+BT(Idle)+Earphones+2.4GWLAN(Idle)+Camera(Rear)+WCDMA Band 5(RX) Low				
	b: adapter+usb Cable+BT(Idle)+Earphones+5GWLAN(Idle)+Camera(Front)+LTE Band 5 (RX) Mid				
Pretest these modes to find the worst case:	c: adapter+usb Cable+BT(Idle)+Earphones+2.4GWLAN(Idle)+MP4+LTE Band 12 (RX) High				
	d: adapter+usb Cable+BT(Idle)+Earphones+5GWLAN(Idle)+NFC ON+LTE Band 14 (RX) Low				
	e: adapter+usb Cable+BT(Idle)+Earphones+2.4GWLAN(Idle)+GNSS+LTE Band 17 (RX) Mid				
	f: Transfer data between the EUT and the PC+USB cable+5GWLAN(Idle)+BT(Idle)+Earphones+SA Band 5 (RX) High				
The worst case for final test:	f: Transfer data between the EUT and the PC+USB cable+5GWLAN(Idle)+BT(Idle)+Earphones+SA Band 5 (RX) High				

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

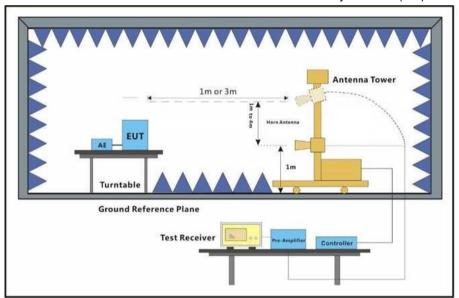


Report No.: SUCR250400032301

Rev.: 01 17 of 23 Page:

2.3.2 Test Setup Procedures

- 1. The EUT was placed in a full Anechoic Chamber as show below
- 2. The EUT was set 3 meters from the interference receiving antenna, which was mounted on the top of a variable height antenna tower.
- 3. The table was rotated 360 degrees to determine the position of the highest radiation (Distance from antenna to EUT is 1m for measurements >18GHz).
- 4. The antenna height is adjusted between 1 to 4 meters above ground to find the maximum value of the field strength for both horizontal polarization and vertical polarization of the antenna.
- 5. For each suspected emission, the EUT was arranged to its worst case and then tune the antenna tower (from 1 m to 4 m) and turntable (from 0 degree to 360 degrees) to find the maximum reading.
- 6. Set the test-receiver system to Peak and AV Detect Function with specified bandwidth with Maximum Hold Mode, and the trace was allowed to stabilize.
- 7. At a measurement distance of 1 meter the limit line was increased by 20*LOG(3/1) = 9.54 dB.



Measurement Data

An initial pre-scan was performed in the chamber using the spectrum analyser in peak detection mode. Average measurements were conducted based on the peak sweep graph. The EUT was measured by Horn antenna with 2 orthogonal polarities.

The three polarities of X, Y, Z were measured by EUT, but only the worst data had been displayed. Scan from 5th harmonic of the highest frequency or 40GHz, whichever is lower, the disturbance above 18GHz was very low. The points marked on below plots are the highest emissions could be found when testing, so only below points had been displayed.

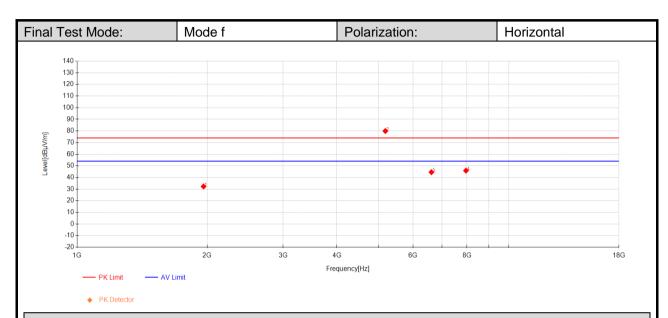
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at ww.sqs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Report No.: SUCR250400032301

Rev.: 01 18 of 23 Page:



Data	Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	
1	1963.05	52.35	25.99	-46.07	32.26	74.00	41.74	Horizontal	
2	5176.9	87.83	33.16	-41.05	79.95	-	-	Horizontal	
3	6618.5	47.63	35.85	-38.93	44.54	74.00	29.46	Horizontal	
4	7957.675	45.73	37.06	-36.88	45.91	74.00	28.09	Horizontal	

Remark:

- 1. The Peak and Average measurements were performed on the EUT.
- 2. Level = Reading Level + AF + Factor:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier gain(dB)

Margin = Limit[dB μ V/m] - Level[dB μ V/m]

3. #2 1G-18G is RF signal which come from Wi-Fi access point used to connect the EUT, and which can be ignored.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at w.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

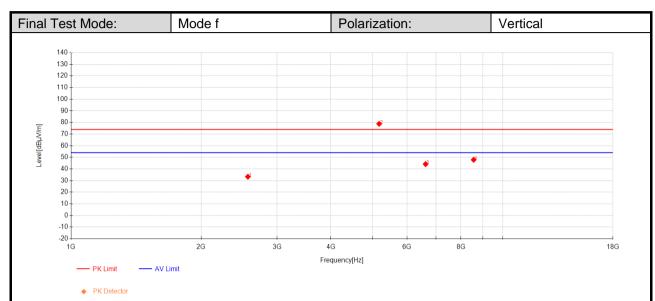
Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com



Report No.: SUCR250400032301

Rev.: 01 19 of 23 Page:



Data	Data List								
NO.	Frequency [MHz]	Reading [dBµV]	AF [dB/m]	Factor [dB]	Level [dBµV/m]	Limit [dBµV/m]	Margin [dB]	Polarity	
1	2567.825	50.62	27.68	-44.96	33.35	74.00	40.65	Vertical	
2	5170.525	86.72	33.17	-41.07	78.82	-	-	Vertical	
3	6624.45	47.24	35.85	-38.92	44.17	74.00	29.83	Vertical	
4	8559.05	45.74	37.38	-35.24	47.88	74.00	26.12	Vertical	

Remark:

- 1. The Peak and Average measurements were performed on the EUT.
- 2. Level = Reading Level + AF + Factor:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier gain(dB)

Margin = $Limit[dB\mu V/m] - Level[dB\mu V/m]$

3. #2 1G-18G is RF signal which come from Wi-Fi access point used to connect the EUT, and which can be ignored.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at w.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com



Report No.: SUCR250400032301

Rev.: 01 20 of 23 Page:

Equipment List

Conduction Test Equipment								
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date			
Test receiver	ROHDE&SCHW ARZ	ESR7	SUWI-01-10-01	1/15/2025	1/14/2026			
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-06	2/13/2025	2/12/2026			
Artificial network	ROHDE&SCHW ARZ	ENV216	SUWI-01-19-03	5/8/2025	5/7/2026			
Artificial network	ROHDE&SCHW ARZ	ENV216	SUWI-01-19-04	5/8/2025	5/7/2026			
Measurement	Tonscend	JS32-CE	SUWI-02-09-05	NCR	NCR			
Software	Tonscend	4.0.0.2	30771-02-09-03	NCK	INCK			
Wideband Radio Communication Tester	Anritsu	MT8821C	SUWI-01-26-03	11/19/2024	11/18/2025			
Radio Communication Analyzer	StarPoint	SP9500E	SUWI-01-28-02	11/19/2024	11/18/2025			

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com



Report No.: SUCR250400032301

Rev.: 01 21 of 23 Page:

RE Test Equipment									
Equipment	Manufacturer	Model No.	Inventory No.	Cal Date	Cal Due Date				
Semi-Anechoic Chamber	Brilliant-emc	N/A	SUWI-04-02-01	6/3/2023	6/02/2026				
Temperature and humidity meter	MingGao	TH101B	SUWI-01-01-05	2/13/2025	2/12/2026				
Signal Analyzer	ROHDE&SCHW ARZ	FSW43	SUWI-01-02-04	1/20/2025	1/19/2026				
Signal Analyzer	KEYSIGHT	N9020A	SUWI-01-02-07	11/21/2024	11/20/2025				
Test receiver	ROHDE&SCHW ARZ	ESR7	SUWI-01-10-01	1/15/2025	1/14/2026				
Receiving antenna	SCHWRZBECK MESS- ELEKTRONIK	VULB 9168	SUWI-01-11-04	8/22/2024	8/21/2026				
Receiving antenna	SCHWRZBECK MESS- ELEKTRONIK	BBHA 9120D	SUWI-01-11-02	5/7/2025	5/6/2027				
Receiving antenna	SCHWRZBECK MESS- ELEKTRONIK	BBHA 9170	SUWI-01-11-03	5/7/2025	5/6/2027				
Amplifier	Tonscend	TAP9K3G40	SUWI-01-14-01	1/16/2025	1/15/2026				
Amplifier	Tonscend	TAP0101805 0	SUWI-01-14-02	1/16/2025	1/15/2026				
Amplifier	Tonscend	TAP1804004 8	SUWI-01-14-03	1/20/2025	1/19/2026				
Wideband Radio Communication Tester	Anritsu	MT8821C	SUWI-01-26-03	11/19/2024	11/18/2025				
Measurement Software	Tonscend	JS32-RE V4.0.0.0	SUWI-02-09-04	NCR	NCR				
Radio Communication Analyzer	StarPoint	SP9500E	SUWI-01-28-02	11/19/2024	11/18/2025				

Remark: NCR=No Calibration Requirement.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Report No.: SUCR250400032301

Rev.: 01 22 of 23 Page:

Measurement Uncertainty

No.	Item	Measurement Uncertainty
1	Conduction Emission	± 2.9dB (150kHz to 30MHz)
2	Radiated Emission	± 3.13dB (9k -30MHz)
		± 4.8dB (30M -1GHz)
		± 4.8dB (1GHz to 18GHz)
		± 4.8dB (Above 18GHz)

Remark:

The U_{lab} (lab Uncertainty) is less than U_{cisprieTSI} (CISPR/ETSI Uncertainty), so the test results

- compliance is deemed to occur if no measured disturbance level exceeds the disturbance limit;
- non-compliance is deemed to occur if any measured disturbance level exceeds the disturbance limit.

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.



Report No.: SUCR250400032301

Rev.: 01

23 of 23 Page:

5 **Photographs**

5.1 Test Setup

Refer to Appendix A.1 15B Setup Photos.

---End of Report---

This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined therein. Any holder of this document is advised that information contained hereon reflects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's sole responsibility is to its Client and this document does not exonerate parties to a transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduced except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content or appearance of this document is unlawful and offenders may be prosecuted to the fullest extent of the law.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 30 days only.

Attention: To check the authenticity of testing / inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, or email: CN.Doccheck@sgs.com