

Report No.: SEWM2308000313RG10

Rev.: 01 Page: 1 of 121

FCC TEST REPORT PART 1

Application No.: SEWM2308000313RG

Applicant: Shenzhen Tinno Mobile Technology Corp. **Manufacturer:** Shenzhen Tinno Mobile Technology Corp.

Product Name: Smart Phone
Model No.(EUT): Celero3 5G+
Trade Mark: Celero3 5G+
FCC ID: XD6U695DS

Standards: FCC 47CFR §2.1093

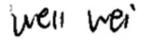
Date of Receipt: 2023-08-14

Date of Test: 2023-08-20 to 2023-09-24

Date of Issue: 2023-09-25
Test conclusion: PASS *

* In the configuration tested, the EUT detailed in this report complied with the standards specified above.

Authorized Signature:



Well Wei

Wireless Laboratory Manager



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printer overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic forms and comments subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx 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 spice 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

Sound Ho. CP Port, No. 1, Runsheng Road, Surbou Industrial Park, Surbou Area, China (Jangsu) Pitot Free Trade Zone 215000 t (86—512) 62992980 www.sgs.group.com.c 中国 - 苏州 - 中国 (江苏)自由贸易试验区苏州片区苏州工业园区消胜 鹿 (号的6号厂 房南部 単編: 215000 t (86—512) 62992980 sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 2 of 121

REVISION HISTORY

Report Number	Revision	Description	Issue Date
SEWM2308000313RG10	01	Original	2023-09-25



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indeminification 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 faistification 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) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-75) 8307 1443, or email: CM.Doccheck@esgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 t



Report No.: SEWM2308000313RG10

Rev.: 3 of 121 Page:

TEST SUMMARY

	Maximum Reported SAR(W/kg)				
Frequency Band	Head	Body-worn	Hotspot	Product specific 10g SAR	
GSM850	0.45	0.52	1.06	/	
GSM1900	0.20	0.35	0.69	/	
WCDMA Band II	0.21	0.39	0.75	/	
WCDMA Band IV	0.14	0.25	0.57	/	
WCDMA Band V	0.22	0.32	0.67	/	
LTE Band 2	1.17	0.85	1.21	1.79	
LTE Band 5	0.88	0.16	0.33	/	
LTE Band 12	0.19	0.31	0.54	/	
LTE Band 14	0.22	0.35	0.56	/	
LTE Band 26	0.22	0.34	0.87	/	
LTE Band 30	1.13	1.04	1.25	2.60	
LTE Band 48	0.74	0.28	0.59	/	
LTE Band 66	1.09	0.67	1.15	1.81	
LTE Band 71	0.13	0.35	0.35	/	
NR Band n25	1.28	0.83	1.27	2.92	
NR Band n26	0.22	0.35	0.63	/	
NR Band n30	1.19	0.65	1.20	2.60	
NR Band n41	1.23	1.05	1.22	2.92	
NR Band n48	1.20	0.58	1.18	/	
NR Band n66	1.16	0.64	1.19	2.19	
NR Band n70	1.18	0.61	1.14	/	
NR Band n71	0.17	0.30	0.36	/	
NR Band n77 (3450-3550)	1.23	0.80	0.80	/	
NR Band n77 (3700-3980)	1.15	0.78	1.17	2.58	
WI-FI (2.4GHz)	1.18	0.72	0.28	2.17	
WI-FI (5GHz)	1.19	1.17	0.30	1.57	
WI-FI (6E)	1.11	0.60	0.31	/	
BT	0.07	0.01	0.02	/	
NFC	1	1	/	0.05	
SAR Limited(W/kg)		1.6		4.0	
	Maximum Simultaneou	ıs Transmission SAR (V	V/kg)		
Scenario	Head	Body-worn	Hotspot	Product specific 10g SAR	
Sum SAR	1.58	1.54	1.58	3.98	
SPLSR	1	1	/	1	
SPLSR Limited		0.04		0.1	

Note:

1) According to TCB workshop October, 2014 RF Exposure Procedures Update (Overlapping Bands): SAR for LTE Band 4 (Frequency range:1710 - 1755 MHz)/LTE Band 5 (Frequency range:824 - 849 MHz)/LTE Band 17 (Frequency range:704-716 MHz) is respectively covered by LTE Band 66 (Frequency range:1710 - 1780 MHz)/LTE Band 26 (Frequency range:814 - 849 MHz)/LTE Band 12 (Frequency range:699-716 MHz) due to similar frequency range, same maximum tune up limit and same channel bandwidth.

2) For LTE band 4/5/12/26 and n25/n26/41/n66n71/n77 that do not support at least three non-overlapping channels in certain channel bandwidths, test the available non-overlapping channels instead. When a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

Reviewed by

Nick Hu

Prepared by

Leon Xu





Unless otherwise agreed in writing, 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.aspx 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.aspx. 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) 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: CND.occheck@gs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国•苏州•中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86-512) 62992980

sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 4 of 121

CONTENTS

	1.1.1 DUT Antenna Locations (Back View)	7
2	GENERAL INFORMATION	9
	2.1 DETAILS OF CLIENT	9
	2.2 TEST LOCATION	
	2.3 TEST FACILITY	
	2.4 GENERAL DESCRIPTION OF EUT	11
	2.4.1 LTE CA additional specification	13
	2.4.2 Power reduction specification	15
	2.5 TEST SPECIFICATION	
	2.6 RF EXPOSURE LIMITS	17
3	LABORATORY ENVIRONMENT	18
4	SAR MEASUREMENTS SYSTEM CONFIGURATION	19
	4.1 THE SAR MEASUREMENT SYSTEM	
	4.2 ISOTROPIC E-FIELD PROBE EX3DV4	
	4.3 DATA ACQUISITION ELECTRONICS (DAE)	
	4.4 SAM TWIN PHANTOM	
	4.5 ELI PHANTOM	
	4.6 DEVICE HOLDER FOR TRANSMITTERS	
	4.7 MEASUREMENT PROCEDURE	
	4.7.1 Scanning procedure	
	4.7.2 Data Storage	
5	·	
5		
	5.1 SAR MEASUREMENT VARIABILITY	
	5.2 SAR MEASUREMENT UNCERTAINTY	
6	DESCRIPTION OF TEST POSITION	
	6.1 HEAD EXPOSURE CONDITION	
	6.1.1 SAM Phantom Shape	
	6.1.2 EUT constructions	
	6.1.3 Definition of the "cheek" position	
	6.1.4 Definition of the "tilted" position	
	6.2 BODY EXPOSURE CONDITION	
	6.2.1 Body-worn accessory exposure conditions	
	6.2.2 Wireless Router exposure conditions	
7	SAR SYSTEM VERIFICATION PROCEDURE	
7		
	7.1 TISSUE SIMULATE LIQUID	
	7.1.1 Recipes for Tissue Simulate Liquid	
	7.1.2 Measurement for Tissue Simulate Liquid	
	7.2.1 Justification for Extended SAR Dipole Calibrations	
	1.2.1 Subtilication for Extended OAN Dipole Gallorations	



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indeminification 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 faistification 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) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-75) 8307 1443, or email: CM.Doccheck@esgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jiangsu) Pilot Fee Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 5 of 121

	7.2.2	SAR measurement uncertainty	
	7.2.3	Summary System Check Result(s)	
	7.2.4	Detailed System Check Results	39
8	TEST (CONFIGURATION	40
	8.1 3	G SAR TEST REDUCTION PROCEDURE	40
	8.2 O	PERATION CONFIGURATIONS	40
	8.2.1	GSM Test Configuration	40
	8.2.2	WCDMA Test Configuration	41
	8.2.3	WiFi Test Configuration	47
	8.2.4	LTE Test Configuration	
	8.2.5	NR Band Test Configuration	58
9	TEST I	RESULT	62
		SEASUREMENT OF RF CONDUCTED POWER	62
	9.2 N	TEASUREMENT OF SAR DATA	64
	9.2.1	SAR Result of GSM850	
	9.2.2	SAR Result of GSM1900	
	9.2.3	SAR Result of WCDMA Band II	
	9.2.4	SAR Result of WCDMA Band IV	
	9.2.5	SAR Result of WCDMA Band V	
	9.2.6	SAR Result of LTE Band 2	
	9.2.7	SAR Result of LTE Band 5	
	9.2.8	SAR Result of LTE Band 12	
	9.2.9	SAR Result of LTE Band 14	
	9.2.10	SAR Result of LTE Band 26	
	9.2.11	SAR Result of LTE Band 30	
	9.2.12	SAR Result of LTE Band 48	
	9.2.1	SAR Result of LTE Band 66	
	9.2.2	SAR Result of LTE Band 71	
	9.2.1	SAR Result of 5G NR n25	
	9.2.2	SAR Result of 5G NR n26	
	9.2.3	SAR Result of 5G NR n30	
	9.2.4	SAR Result of 5G NR n41	
	9.2.5	SAR Result of 5G NR n48SAR Result of 5G NR n66	
	9.2.6 9.2.7	SAR Result of 5G NR n70	
	9.2.7 9.2.8	SAR Result of 5G NR n71	
	9.2.0	SAR Result of 5G NR n77(3450~3550)	
	9.2.10	SAR Result of 5G NR n77(3700~3980)	
	9.2.10	SAR Result of WIFI 2.4G	
	9.2.11	SAR Result of WIFI 5G	
	9.2.1	SAR Result of WIFI 6E	
	9.2.2	SAR Result of BT	
	9.2.1	SAR Result of NFC	
	-	IULTIPLE TRANSMITTER EVALUATION	
	9.3.1	Simultaneous SAR SAR test evaluation	
	9.3.2	Simultaneous Transmission SAR Summation Scenario	



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indeminification 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 faistification 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) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-75) 8307 1443, or email: CM.Doccheck@esgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jiangsu) Pilot Fee Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 6 of 121

10	EQUIPMENT LIST	120
11	CALIBRATION CERTIFICATE	121
12	PHOTOGRAPHS	121
APF	PENDIX A: DETAILED SYSTEM CHECK RESULTS	121
APF	PENDIX B: DETAILED TEST RESULTS	121
APF	PENDIX C: CALIBRATION CERTIFICATE	121
APF	PENDIX D: PHOTOGRAPHS	121
ΔΡΕ	PENDIX F. CONDUCTED RE QUITPUT POWER	121



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indeminification 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 faistification 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) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-75) 8307 1443, or email: CM.Doccheck@esgs.com

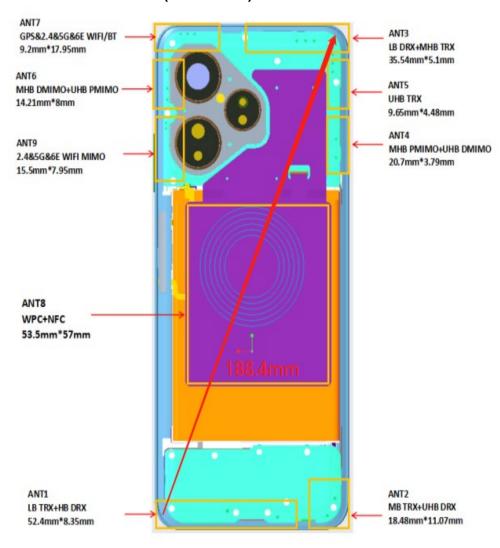
South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 7 of 121

1.1.1 DUT Antenna Locations (Back View)



Note:

 The test device is a smart phone. The overall diagonal dimension of this device is 188.4 mm. Per KDB 648474 D04, because the diagonal distance of this device is ≥160mm, so it is a phablet.

According to the distance between 5G NR/LTE/WCDMA/GSM&WIFI&BT antennas and the sides of the EUT we can draw the conclusion that:

EUT Sides for SAR Testing							
Mode	Exposure Condition	Front	Back	Left	Right	Тор	Bottom



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues define 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 rigery 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) 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, **Carabili CARABILITY | Company | Carability | Carability

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州上区苏州工业园区河胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 8 of 121

Ant 1	Hotspot/Product specific 10g SAR	Yes	Yes	Yes	Yes	No	Yes
Ant 2	Hotspot/Product specific 10g SAR	Yes	Yes	No	Yes	No	Yes
Ant 3	Hotspot/Product specific 10g SAR	Yes	Yes	Yes	No	Yes	No
Ant 4	Hotspot/Product specific 10g SAR	Yes	Yes	Yes	No	No	No
Ant 5	Hotspot/Product specific 10g SAR	Yes	Yes	Yes	No	No	No
Ant 7	Hotspot/Product specific 10g SAR	Yes	Yes	No	Yes	Yes	No
Ant 9	Hotspot/Product specific 10g SAR	Yes	Yes	No	Yes	No	No

Table 1: EUT Sides for SAR Testing Note:

1) When the antenna-to-edge distance is greater than 2.5cm, such position does not need to be tested.



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues define 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 anota be reproduced except in full, without prior written approval of the Company, Any unauthorized alteration, forger 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) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-75) 8307 1443,

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 www.sgs t (86–512) 62992980 sgs.china



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 9 of 121

2 General Information

2.1 Details of Client

Applicant:	Shenzhen Tinno Mobile Technology Corp.	
Address:	27-001, South Side of Tianlong Mobile Headquarters Building,	
Address.	Tongfa South Road, Xili Community, Xili Street, Nanshan District, Shenzhen ,PRC	
Manufacturer:	facturer: Shenzhen Tinno Mobile Technology Corp.	
Addross	27-001, South Side of Tianlong Mobile Headquarters Building,	
Address:	Tongfa South Road, Xili Community, Xili Street, Nanshan District, Shenzhen ,PRC	

2.2 Test Location

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:	Alan-Zhang, Leon-Xu



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues define 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 anota be reproduced except in full, without prior written approval of the Company, Any unauthorized alteration, forger 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) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-75) 8307 1443,

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Fee Trade Zone 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 10 of 121

2.3 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





Report No.: SEWM2308000313RG10

Rev.: 01 Page: 11 of 121

2.4 General Description of EUT

Device Type :	portable device						
Exposure Category:	uncontrolled environment / general population						
Product Name:	Smart Phone						
Model No.(EUT):	Celero3 5G+						
FCC ID:	D6U695DS						
Trade Mark:	Celero3 5G+						
Product Phase:	Identical Prototype						
	1# 867222065004733						
IMEI:	2# 867222065004857						
	3# 867222065004865						
Hardware Version:	V1.0						
Software Version:	U695DSV01.01.10						
Device Operating Config	urations :						
	GSM: GMSK, 8PSK; WCDM	A: QPSK,16QAM;					
	LTE: QPSK,16QAM,64QAM	,256QAM;					
Modulation Mode:	5G NR: DFT-s-OFDM (PI/2 E	BPSK, QPSK, 16QAM, 64QA	AM, 256QAM),				
Wodulation Wode.	CP-OFDM (QPSK, 16QAM, 64QAM, 256QAM)						
WIFI: DSSS, OFDM, OFDMA; BT: GFSK, π/4DQPSK,8DPSK NFC: ASK							
Device Class:	В						
GPRS Multi-slots Class:	12	EGPRS Multi-slots Class:	12				
HSDPA UE Category:	10	HSUPA UE Category	6				
DC-HSDPA UE Category:	24						
	4,tested with power level 5(G	SSM850)					
Dawer Class	1,tested with power level 0(G	SSM1900)					
Power Class	3, tested with power control '	ʻall 1"(WCDMA Band)					
	3, tested with power control I	Max Power(LTE Band)					
	Band	Tx (MHz)	Rx (MHz)				
	GSM850	824-849	869-894				
	GSM1900	1850-1910	1930-1990				
	WCDMA Band II	1850-1910	1930-1990				
Frequency Bands:	WCDMA Band IV	1710-1755	2110-2155				
i requeitly ballus.	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 Band 12	699-716	729-746				



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indeminification 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 faistification 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) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-75) 8307 1443, or email: CM.Doccheck@esgs.com

South of No. 6 Pent, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 t (86–512) 62992980



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 12 of 121

	LTE Band 14	788-798	758-768		
	LTE Band 17	704-716	734-746		
	LTE Band 26	814-849	859-894		
	LTE Band 30	2305-2315	2350-2360		
	LTE Band 48	3550-3700	3550-3700		
	LTE Band 66	1710-1780	2110-2200		
	LTE Band 71	663-698	617-652		
	NR Band n2	1850-1910	1930-1990		
	NR Band n5	824-849	869-894		
	NR Band n25	1850-1915	1930-1995		
	NR Band n26	814-849	859-894		
	NR Band n30	2305-2315	2350-2360		
	NR Band n41	2496~2690	2496~2690		
	NR Band n48	3550-3700	3550-3700		
	NR Band n66	1710~1780	2110~2200		
	NR Band n70	1695-1710	1995-2020		
	NR Band n71	663-698	617-652		
	\ID D	3450~3550	3450~3550		
	NR Band n77	3700~3980	3700~3980		
	Bluetooth	2400~2483.5	2400~2483.5		
	Wi-Fi 2.4G	2402~2462	2402~2462		
		5150~5250	5150~5250		
	Wi-Fi 5G	5250~5350	5250~5350		
		5470~5725	5470~5725		
		5725~5850	5725~5850		
		5725~5850	5725~5850		
		5925-6425	5925-6425		
	1445.05	6425-6525	6425-6525		
	WIF 6E	6525-6875	6525-6875		
		6875-7125	6875-7125		
NFC	NFC	13.56	13.56		
RF Cable:	Provided by the aplicant Pr	ovided by the laboratory			
	Model:	486786			
All Dathamal Control	Normal Voltage:	+3.85V			
1# Battery Information:	Typical capacity:	4900mAh			
	Manufacturer:	Guangdong Fenghua New Energy Co.,Ltd.			
Note: *Since the above of	ata and/or information is provided by the client relevant results or conclusions of this				

Note: *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.

Remark:



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indeminification 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 faistification 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) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-75) 8307 1443, or email: CM.Doccheck@esgs.com

South of No. 6 Pearl, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone
中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路(号的6号厂房南部 邮编: 215000

t (86–512) 62992980 %



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 13 of 121

As above information is provided and confirmed by the applicant. SGS is not liable to the accuracy, suitability, reliability or/and integrity of the information.

2.4.1 LTE CA additional specification

The device supports downlink and intra-band contiguous uplink LTE Carrier Aggregation (CA). When carrier aggregation applies, implementation and measurement details for the following are necessary.

- a) Intra-band carrier aggregation requirements for uplink.
- b) Intra-band and inter-band carrier aggregation requirements for downlink.

The possible downlink and uplink LTE CA combinations supported by this device are as below tables per 3GPP TS 36.101 V15.4.0. The conducted power measurement results of downlink and uplink LTE CA are provided in Section 8 of this report per 3GPP TS 36.521-1 V14.4.0. The downlink LTE CA SAR test is not required since the maximum output power for downlink LTE CA was not more than 0.25dB higher than the maximum output power for without downlink LTE CA.

SAR test procedure for intra-band contiguous UL LTE CA is as below:

- 1)Maximum output power is measured for each UL CA configuration for the required test channels described in KDB 941225 D05
- UL PCC configuration is determined by the required test channel
- SCC and subsequent CCs are added alternatively to either side of the PCC or within the transmission band for channels at the ends of a frequency band.
- 2)SAR for UL CA is required in each exposure condition and frequency band combination
- 3)For this device , as the maximum output for Intra-band uplink LTE CA is ≤ standalone LTE mode (without CA),
- PCC is configured according to the highest standalone SAR configuration tested.
- SCC and subsequent CCs are configured according to procedures used for power measurement and parameters (BW, RB etc.) similar to that used for the PCC
- 4)When the reported SAR for UL CA configuration, described above, is > 1.2 W/kg, UL CA SAR is also required for all required test channels (PCC based)
- 5)UL CA SAR is also required for standalone SAR configurations > 1.2 W/kg when they are scaled to the UL CA power level.

Intra-band contiguous CA operating bands:

E-UTRA CA Band	E-UTRA Band	Uplink (UL) operating band BS receive / UE transmit	Downlink (DL) operating band BS transmit / UE receive	Duplex Mode
		F _{UL_low} - F _{UL_high}	F _{DL_low} - F _{DL_high}	
CA_5B	5	826.5 MHz - 846.5 MHz	869 MHz - 894 MHz	FDD



Unless otherwise agreed in writing, 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.apx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Document.apx. 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 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 unlawfull and offenders may be prosecuted to the fullest extend of the law Luless 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.

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industria Park, Suchou Area, China (Jangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980

sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 14 of 121

c) The device supports Inter-band uplink LTE CA for CA_2A-12A,CA_12A-66A,CA_2A-5A,CA_5A-66A CA_2A-14A,CA_14A-66A,CA_2A-4A,CA_2A-66A with two component carriers in the uplink.

1. For Inter-band uplink LTE CA SAR, as the existing SAR test system cannot test the multiple different frequency bands simultaneous Transmission SAR at the same time, we suggest that the conservative "max + max" multi-Tx and SAR scaling method can be used to evaluate the inter-band Uplink LTE CA SAR from standalone SAR test results of each LTE component band and the conservative "max + max" multi-Tx method to combine the scaled SAR value from each Inter-band uplink LTE CA component band as the inter-band Uplink LTE CA SAR. All Simultaneous Transmission Scenarios will be evaluated independently in the final SAR report. Since the maximum output power of the LTE Inter-band uplink band is ≤ the LTE Band, the SAR data of the LTE Band is used instead of the SAR data of the LTE Inter-band uplink band.

2CC Downlink Carrier Aggregation		3CC Downlink Carrier Aggregation		
CA_2A-5A	CA_2A-48A	CA_26A-48A-48A	CA_2A-4A-12A	
CA_2A-12A	CA_48A-66A	CA_2A-12A-30A	CA_2A-4A-4A	
CA_2A-29A	CA_48C	CA_4A-12A-30A	CA_2A-2A-4A	
CA_12A-30A	CA_48A-48A	CA_2A-5A-30A	CA_2C-66A	
CA_2A-30A	CA_4A-48A	CA_4A-4A-12A	CA_2A-66C	
CA_5A-30A	CA_5A-48A	CA_2A-2A-12A	CA_12A-66C	
CA_29A-30A	CA_4A-4A	CA_2A-4A-5A	CA_2A-4A-71A	
CA_5B	CA_4A-5A	CA_4A-5A-30A	CA_2A-66A-71A	
CA_5A-66A	CA_4A-12A	CA_2A-29A-30A	CA_66A-66A-71A	
CA_12A-66A	CA_2A-2A	CA_4A-29A-30A	CA_66C-71A	
CA_2A-66A	CA_2A-4A	CA_2A-12A-66A	CA_66A-66C	
CA_30A-66A	CA_2C	CA_2A-5A-66A	CA_4A-4A-71A	
CA_66A-66A	CA_2A-71A	CA_12A-30A-66A	CA_2A-2A-71A	
CA_29A-66A	CA_4A-71A	CA_5A-30A-66A	CA_48D	
CA_2A-14A	CA_66A-71A	CA 12A-66A-66A	CA_48C-48A	
CA_14A-66A	CA_2A-17A	CA 5A-66A-66A	CA 2A-48A-66A	
CA_14A-30A	CA_4A-17A	CA_2A-2A-66A	 CA_2A-48A-48A	
CA_66B	CA_26A-48A	CA_2A-66A-66A	CA_2A-48C	
CA_66C		CA_30A-66A-66A	CA_48A-48A-66A	
		CA 2A-30A-66A	CA 48C-66A	



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.ags.com/en/Terms-and-Conditions.agx; and, for electronic format documents, subject to Terms and Conditions for Telectronic Documents at http://www.ags.com/en/Terms-and-Conditions/Terms-e-Document aspx. 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 document. 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 unlawfull 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.

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 sgs.4



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 15 of 121

1 dgc. 10 01 12

2.4.2 Power reduction specification

This device uses a single fixed level of power reduction through static table look-up for SAR compliance and it is triggered by a single event or operation

- 1) A fixed level power reduction is applied for some frequency bands when simultaneously transmitting with the other antennas in certain simultaneous transmission conditions. The standalone SAR compliance still uses the standalone SAR results tested at the maximum output power level without any power reduction
- 2) A fixed level power reduction is applied for some frequency bands when handset operate "held to the ear" condition, the power reduction triggered by audio receiver detection. The audio receiver detection is used to determine head or body scenario.
- 3) The proximity sensor is used to indicate when the device is held close to a user's body exposure condition. It utilizes the proximity sensor to reduce the output power in specific wireless and operating modes of main antenna to ensure SAR compliance (Refer to section 5.4 for detailed proximity Sensor information and validation data per KDB 616217).

The detailed power reduction information can be referred to Appendix E.





Report No.: SEWM2308000313RG10

Rev.: 01 Page: 16 of 121

2.5 Test Specification

Identity	Document Title
FCC 47CFR §2.1093	Radiofrequency Radiation Exposure Evaluation: Portable Devices
ANSI/IEEE C95.1-1992	IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz – 300 GHz.
IEEE 1528-2013	Recommended Practice for Determining the Peak Spatial-Average Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques
IEC/IEEE 62209-1528:2020	Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and bodymounted wireless communication devices — Part 1528: Human models, instrumentation, and procedures (Frequency range of 4 MHz to 10 GHz)
KDB 941225 D01	3G SAR Measurement Procedures v03r01
KDB 941225 D05	SAR for LTE Devices v02r05
KDB 941225 D05A	LTE Rel.10 KDB Inquiry Sheet v01r02
KDB 941225 D06	Hotspot Mode SAR v02r01
KDB 248227 D01	SAR Guidance for IEEE 802 11 Wi-Fi SAR v02r02
KDB 648474 D04	Handset SAR v01r03
KDB 447498 D01	General RF Exposure Guidance v06
KDB 865664 D01	SAR Measurement 100 MHz to 6 GHz v01r04
KDB 865664 D02	RF Exposure Reporting v01r02
KDB 690783 D01	SAR Listings on Grants v01r03
KDB 616217 D04	SAR for laptop and tablets v01r02



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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 relects 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 one one exore exercise 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) 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: CM.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Fee Trade Zone 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 t (86–512) 62992980



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 17 of 121

2.6 RF exposure limits

Human Exposure	Uncontrolled Environment General Population	Controlled Environment Occupational	
Spatial Peak SAR* (Brain*Trunk)	1.60 mW/g	8.00 mW/g	
Spatial Average SAR** (Whole Body)	0.08 mW/g	0.40 mW/g	
Spatial Peak SAR*** (Hands/Feet/Ankle/Wrist)	4.00 mW/g	20.00 mW/g	

Notes:

Uncontrolled Environments are defined as locations where there is the exposure of individuals who have no knowledge or control of their exposure.

Controlled Environments are defined as locations where there is exposure that may be incurred by persons who are aware of the potential for exposure, (i.e. as a result of employment or occupation.)



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues define 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 rigery 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) 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, **Carabili CARABILITY | Company | Carability | Carability

^{*} The Spatial Peak value of the SAR averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time

^{**} The Spatial Average value of the SAR averaged over the whole body.

^{***} The Spatial Peak value of the SAR averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube) and over the appropriate averaging time.



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 18 of 121

3 Laboratory Environment

Temperature	Min. = 18°C, Max. = 25 °C			
Relative humidity	Min. = 30%, Max. = 70%			
Ambient noise is checked and found very low and in compliance with requirement of standards.				
Reflection of surrounding objects is minimized and in compliance with requirement of standards.				

Table 2: The Ambient Conditions



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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) 83071443, or email: CN.Doccheck@sgs.com

South of No. 6 Pearl, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone
中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路(号的6号厂房南部 邮编: 215000





Report No.: SEWM2308000313RG10

Rev.: 01 Page: 19 of 121

4 SAR Measurements System Configuration

4.1 The SAR Measurement System

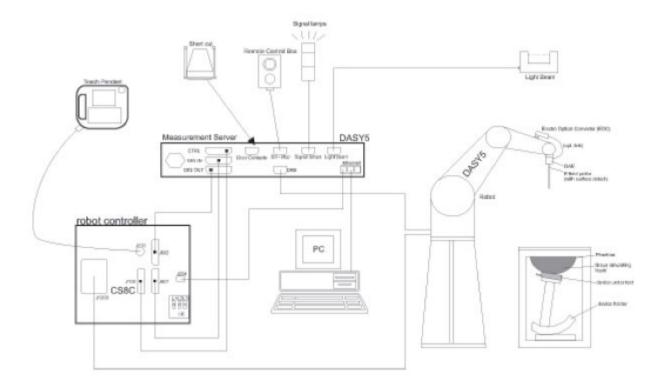
This SAR Measurement System uses a Computer-controlled 3-D stepper motor system (SPEAG DASY5 professional system). A E-field probe is used to determine the internal electric fields. The SAR can be obtained from the equation SAR= σ (|Ei|2)/ ρ where σ and ρ are the conductivity and mass density of the tissue-Simulate.

The DASY5 system for performing compliance tests consists of the following items:
A standard high precision 6-axis robot (Stabile RX family) with controller, teach pendant and software .An arm extension for accommodation the data acquisition electronics (DAE).

A dosimetric probe, i.e., an isotropic E-field probe optimized and calibrated for usage in tissue simulating liquid. The probe is equipped with an optical surface detector system.

A data acquisition electronics (DAE) which performs the signal amplification, signal multiplexing, AD-conversion, offset measurements, mechanical surface detection, collision detection, etc. The unit is battery powered with standard or rechargeable batteries. The signal is optically transmitted to the EOC.

The Electro-optical converter (EOC) performs the conversion between optical and electrical of the signals for the digital communication to DAE and for the analog signal from the optical surface detection. The EOC is connected to the measurement server.



F-1. SAR Measurement System Configuration



Unless otherwise agreed in writing, 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.apx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Document.apx. 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 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 unlawfull and offenders may be prosecuted to the fullest extend of the law Luless 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.

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

5000 t (86–512) 629929



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 20 of 121

• The function of the measurement server is to perform the time critical tasks such as signal filtering, control of the robot operation and fast movement interrupts.

- A probe alignment unit which improves the (absolute) accuracy of the probe positioning.
- A computer operating Windows 7.
- DASY5 software.
- Remote control with teach pendant and additional circuitry for robot safety such as warning lamps, etc.
- The SAM twin phantom enabling testing left-hand, right-hand and Body Worn usage.
- The device holder for handheld mobile phones.
- Tissue simulating liquid mixed according to the given recipes.
- Validation dipole kits allowing to validating the proper functioning of the system.

4.2 Isotropic E-field Probe EX3DV4

	Symmetrical design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)
Calibration	ISO/IEC 17025 calibration service available.
Frequency	10 MHz to > 6 GHz Linearity: ± 0.2 dB (30 MHz to 6 GHz)
Directivity	± 0.3 dB in TSL (rotation around probe axis) ± 0.5 dB in TSL (rotation normal to probe axis)
Dynamic Range	10 μW/g to > 100 mW/g Linearity: ± 0.2 dB (noise: typically < 1 μW/g)
Dimensions	Overall length: 337 mm (Tip: 20 mm) Tip diameter: 2.5 mm (Body: 12 mm) Typical distance from probe tip to dipole centers: 1 mm
Application	High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields); the only probe that enables compliance testing for frequencies up to 6 GHz with precision of better 30%.
Compatibility	DASY3, DASY4, DASY52 SAR and higher, EASY4/MRI



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues define 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) 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, **Textile All Poscheck**

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路(号的6号厂房南部 邮编: 215000

t (86–512) 62992980

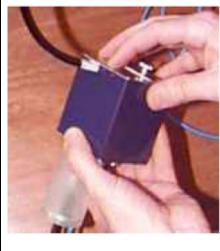


Report No.: SEWM2308000313RG10

Rev.: 01 Page: 21 of 121

4.3 Data Acquisition Electronics (DAE)

Model	DAE
Construction	Signal amplifier, multiplexer, A/D converter and control logic. Serial optical link for communication with DASY4/5 embedded system (fully remote controlled). Two step probe touch detector for mechanical surface detection and emergency robot stop.
Measurement Range	-100 to +300 mV (16 bit resolution and two range settings: 4mV,400mV)
Input Offset Voltage	< 5μV (with auto zero)
Input Bias Current	< 50 f A
Dimensions	60 x 60 x 68 mm



4.4 SAM Twin Phantom

Material	Vinylester, glass fiber reinforced (VE-GF)
Liquid Compatibility	Compatible with all SPEAG tissue simulating liquids (incl. DGBE type)
Shell Thickness	2 ± 0.2 mm (6 ± 0.2 mm at ear point)
Dimensions (incl. Wooden Support)	Length: 1000 mm Width: 500 mm Height: adjustable feet
Filling Volume	approx. 25 liters
Wooden Support	SPEAG standard phantom table



The shell corresponds to the specifications of the Specific Anthropomorphic Mannequin (SAM) phantom defined in IEEE 1528 and IEC 62209-1. It enables the dosimetric evaluation of left and right hand phone usage as well as body mounted usage at the flat phantom region. A cover prevents evaporation of the liquid. Reference markings on the phantom allow the complete setup of all predefined phantom positions and measurement grids by teaching three points with the robot.

Twin SAM V5.0 has the same shell geometry and is manufactured from the same material as Twin SAM V4.0, but has reinforced top structure.



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues define 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) 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, **Company Company Com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industria Park, Suchou Area, China (Jangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

215000 t (86–512



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 22 of 121

4.5 ELI Phantom

Material	Vinylester, glass fiber reinforced (VE-GF)
Liquid	Compatible with all SPEAG tissue
Compatibility	simulating liquids (incl. DGBE type)
Shell Thickness	2.0 ± 0.2 mm (bottom plate)
Dimensions	Major axis: 600 mm
	Minor axis: 400 mm
Filling Volume	approx. 30 liters
Wooden Support	SPEAG standard phantom table



The ELI phantom is used for compliance testing of handheld and body-mounted wireless devices in the frequency range of 4 MHz to 10 GHz. ELI is fully compatible with the IEC/IEEE 62209-1528 standard and all known tissue simulating liquids. ELI has been optimized regarding its performance and can be integrated into our standard phantom tables. A cover prevents evaporation of the liquid. Reference markings on the phantom allow installation of the complete setup, including all predefined phantom positions and measurement grids, by teaching three points. The phantom is compatible with all of SPEAG's dosimetric probes and dipoles.

ELI V5.0 and higher has the same shell geometry and is manufactured from the same material as ELI V4.0 but has a reinforced top structure.



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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) 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: CND.occheck@gs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industria Park, Suchou Area, China (Jangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 23 of 121

4.6 Device Holder for Transmitters



F-2. Device Holder for Transmitters

- The DASY device holder is designed to cope with different positions given in the standard. It has two scales for the device rotation (with respect to the body axis) and the device inclination (with respect to the line between the ear reference points). The rotation centres for both scales are the ear reference point (ERP). Thus the device needs no repositioning when changing the angles.
- The DASY device holder has been made out of low-loss POM material having the following dielectric parameters: relative permittivity ε =3 and loss tangent δ =0.02. The amount of dielectric material has been reduced in the closest vicinity of the device, since measurements have suggested that the influence of the clamp on the test results could thus be lowered.



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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 unlawfull 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) 83071443,

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industria Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路(号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 24 of 121

4.7 Measurement procedure

4.7.1 Scanning procedure

Step 1: Power reference measurement

The "reference" and "drift" measurements are located at the beginning and end of the batch process. They measure the field drift at one single point in the liquid over the complete procedure.

Step 2: Area scan

The SAR distribution at the exposed side of the head was measured at a distance of 4mm from the inner surface of the shell. The area covered the entire dimension of the head and the horizontal grid spacing was 15mm*15mm or 12mm*12mm or 10mm*10mm.Based on the area scan data, the area of the maximum absorption was determined by spline interpolation.

Step 3: Zoom scan

Around this point, a volume of 32mm*32mm*30mm (f≤2GHz), 30mm*30mm*30mm (f for 2-3GHz) and 24mm*24mm*22mm (f for 5-6GHz) was assessed by measuring 5x5x7 points (f≤2GHz), 7x7x7 points (f for 2-3GHz) and 7x7x12 points (f for 5-6GHz). On this basis of this data set, the spatial peak SAR value was evaluated with the following procedure:

The data at the surface was extrapolated, since the centre of the dipoles is 2.0mm away from the tip of the probe and the distance between the surface and the lowest measuring point is 1.2mm. (This can be variable. Refer to the probe specification). The extrapolation was based on a least square algorithm. A polynomial of the fourth order was calculated through the points in z-axes. This polynomial was then used to evaluate the points between the surface and the probe tip. The maximum interpolated value was searched with a straight-forward algorithm. Around this maximum the SAR values averaged over the spatial volumes (1g or 10g) were computed using the 3D-Spline interpolation algorithm. The volume was integrated with the trapezoidal algorithm. One thousand points were interpolated to calculate the average. All neighbouring volumes were evaluated until no neighboring volume with a higher average value was found.

The area and zoom scan resolutions specified in the table below must be applied to the SAR measurements Probe boundary effect error compensation is required for measurements with the probe tip closer than half a probe tip diameter to the phantom surface. Both the probe tip diameter and sensor offset distance must satisfy measurement protocols; to ensure probe boundary effect errors are minimized and the higher fields closest to the phantom surface can be correctly measured and extrapolated to the phantom surface for computing 1-g SAR. Tolerances of the post-processing algorithms must be verified by the test laboratory for the scan resolutions used in the SAR measurements, according to the reference distribution functions specified in IEEE Std. 1528-2013.



Unless otherwise agreed in writing, 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.apx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Document.apx. 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 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 unlawfull and offenders may be prosecuted to the fullest extend of the law Luless 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.



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 25 of 121

			≤ 3 GHz > 3 GHz	
Maximum distance from closest measurement point (geometric center of probe sensors) to phantom surface			5 ± 1 mm	½·δ·ln(2) ± 0.5 mm
Maximum probe angle from probe axis to phantom surface normal at the measurement location		30° ± 1° 20° ± 1°		
			\leq 2 GHz: \leq 15 mm 3 - 4 GHz: \leq 12 mm 2 - 3 GHz: \leq 12 mm 4 - 6 GHz: \leq 10 mm	
Maximum area scan spatial resolution: Δx_{Area} , Δy_{Area}		When the x or y dimension of the test device, in the measurement plane orientation, is smaller than the above, the measurement resolution must be ≤ the corresponding x or y dimension of the test device with at least one measurement point on the test device.		
Maximum zoom scan spatial resolution: Δx_{Zoom} , Δy_{Zoom}		\leq 2 GHz: \leq 8 mm 3 - 4 GHz: \leq 5 m 2 - 3 GHz: \leq 5 mm* 4 - 6 GHz: \leq 4 m		
	uniform grid: Δz _{Zoom} (n)		$3-4 \text{ GHz}: \le 4 \text{ m}$ $\le 5 \text{ mm}$ $4-5 \text{ GHz}: \le 3 \text{ m}$ $5-6 \text{ GHz}: \le 2 \text{ m}$	
Maximum zoom scan spatial resolution, normal to phantom surface	graded	Δz _{Zoom} (1): between 1 st two points closest to phantom surface	≤ 4 mm	3 – 4 GHz: ≤ 3 mm 4 – 5 GHz: ≤ 2.5 mm 5 – 6 GHz: ≤ 2 mm
	grid $\Delta z_{Z_{00m}}(n>1)$: between subsequent points		$\leq 1.5 \cdot \Delta z_{Zoom}(n-1)$	
Minimum zoom scan volume	x, y, z		3 - 4 GHz: ≥ 28 mm ≥ 30 mm 4 - 5 GHz: ≥ 25 mm 5 - 6 GHz: ≥ 22 mm	

Step 4: Power reference measurement (drift)

The Power Drift Measurement job measures the field at the same location as the most recent power reference measurement job within the same procedure, and with the same settings. The indicated drift is mainly the variation of the DUT's output power and should vary max. \pm 5 %



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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) 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: CND.occheck@gs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 26 of 121

4.7.2 Data Storage

The DASY software stores the acquired data from the data acquisition electronics as raw data (in microvolt readings from the probe sensors), together with all necessary software parameters for the data evaluation (probe calibration data, liquid parameters and device frequency and modulation data) in measurement files with the extension ".DAE4". The software evaluates the desired unit and format for output each time the data is visualized or exported. This allows verification of the complete software setup even after the measurement and allows correction of incorrect parameter settings. For example, if a measurement has been performed with a wrong crest factor parameter in the device setup, the parameter can be corrected afterwards and the data can be reevaluated. The measured data can be visualized or exported in different units or formats, depending on the selected probe type ([V/m], [A/m], [°C], [m W/g], [m W/cm²], [dBrel], etc.). Some of these units are not available in certain situations or show meaningless results, e.g., a SAR output in a lossless media will always be zero. Raw data can also be exported to perform the evaluation with other software packages.

4.7.3 Data Evaluation by SEMCAD

The SEMCAD software automatically executes the following procedures to calculate the field units from the microvolt readings at the probe connector. The parameters used in the evaluation are stored in the configuration modules of the software:

Probe parameters: - Sensitivity Normi, ai0, ai1, ai2

Conversion factorDiode compression pointDcpi

Device parameters: - Frequency f

- Crest factor cf Media parameters: - Conductivity ε

- Density p

These parameters must be set correctly in the software. They can be found in the component documents or they can be imported into the software from the configuration files issued for the DASY components. In the direct measuring mode of the multimeter option, the parameters of the actual system setup are used. In the scan visualization and export modes, the parameters stored in the corresponding document files are used.

The first step of the evaluation is a linearization of the filtered input signal to account for the compression characteristics of the detector diode. The compensation depends on the input signal, the diode type and the DC-transmission factor from the diode to the evaluation electronics.

If the exciting field is pulsed, the crest factor of the signal must be known to correctly compensate for peak power. The formula for each channel can be given as:

$$V_i = U_i + U_i^2 \cdot c f / d c p_i$$

With Vi = compensated signal of channel i (i = x, y, z)

Ui = input signal of channel i (i = x, y, z)

cf = crest factor of exciting field (DASY parameter)

dcp i = diode compression point (DASY parameter)

From the compensated input signals the primary field data for each channel can be evaluated:

E-field probes:

$$E_{i} = (V_{i} / Norm_{i} \cdot ConvF)^{1/2}$$



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.ags.com/en/Terms-and-Conditions.agx; and, for electronic format documents, subject to Terms and Conditions for Telectronic Documents at http://www.ags.com/en/Terms-and-Conditions/Terms-e-Document aspx. 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 document. 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 unlawfull 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.

South of No. 6 Plant, No. 1, Runshang Road, Suchou Industrial Park, Suchou Area, China (Jiangsu) Plot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州上区苏州工业园区河胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 sgs

sgs.china@sgs.com



Report No .: SEWM2308000313RG10

Rev.: 27 of 121 Page:

H-field probes:

Hi =
$$(V_i)^{1/2} \cdot (a_{i0} + a_{i1}f + a_{i2}f^2)/f$$

With Vi = compensated signal of channel i (i = x, y, z)
Normi = sensor sensitivity of channel I (i = x, y, z)

[mV/(V/m)2] for E-field Probes ConvF = sensitivity enhancement in solution

aij = sensor sensitivity factors for H-field probes

f = carrier frequency [GHz]

Ei = electric field strength of channel i in V/m

Hi = magnetic field strength of channel i in A/m

The RSS value of the field components gives the total field strength (Hermitian magnitude):

$$E_{tot} = (E_x^2 + E_y^2 + E_z^2)^{1/2}$$

The primary field data are used to calculate the derived field units.

$$SAR = (Etot^2 \cdot \sigma) / (\varepsilon \cdot 1000)$$

with SAR = local specific absorption rate in mW/g

Etot = total field strength in V/m

σ= conductivity in [mho/m] or [Siemens/m]

ε= equivalent tissue density in g/cm3

Note that the density is normally set to 1 (or 1.06), to account for actual brain density rather than the density of the simulation liquid. The power flow density is calculated assuming the excitation field to be a free space field.

$$P_{pwe} = E_{tot}^2 2 / 3770_{or} P_{pwe} = H_{tot}^2 \cdot 37.7$$

Ppwe = equivalent power density of a plane wave in mW/cm2

Etot = total electric field strength in V/m

Htot = total magnetic field strength in A/m



South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国•苏州•中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 28 of 121

5 SAR measurement variability and uncertainty

5.1 SAR measurement variability

Per KDB865664 D01 SAR measurement 100 MHz to 6 GHz v01r04, SAR measurement variability must be assessed for each frequency band, which is determined by the SAR probe calibration point and tissue-equivalent medium used for the device measurements. The additional measurements are repeated after the completion of all measurements requiring the same head or body tissue-equivalent medium in a frequency band. The test device should be returned to ambient conditions (normal room temperature) with the battery fully charged before it is remounted on the device holder for the repeated measurement(s) to minimize any unexpected variations in the repeated results.

- 1) Repeated measurement is not required when the original highest measured SAR is < 0.80 W/kg; steps 2) through 4) do not apply.
- 2) When the original highest measured SAR is \geq 0.80 W/kg, repeat that measurement once.
- 3) Perform a second repeated measurement only if the ratio of largest to smallest SAR for the original and first repeated measurements is > 1.20 or when the original or repeated measurement is ≥ 1.45 W/kg ($\sim 10\%$ from the 1-g SAR limit).
- 4) Perform a third repeated measurement only if the original, first or second repeated measurement is ≥1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20. The same procedures should be adapted for measurements according to extremity and occupational exposure limits by applying a factor of 2.5 for extremity exposure and a factor of 5 for occupational exposure to the corresponding SAR thresholds.

5.2 SAR measurement uncertainty

Per KDB865664 D01 SAR Measurement 100 MHz to 6 GHz, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg, the extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval. The equivalent ratio (1.5/1.6) is applied to extremity and occupational exposure conditions.



Unless otherwise agreed in writing, 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.apx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Document.apx. 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 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 unlawfull and offenders may be prosecuted to the fullest extend of the law Luless 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.



SGS

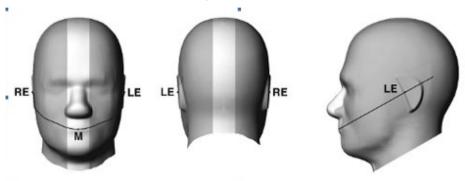
Report No.: SEWM2308000313RG10

Rev.: 01 Page: 29 of 121

6 Description of Test Position

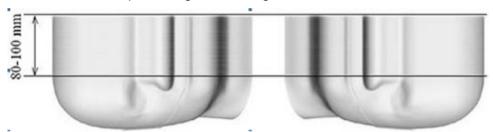
6.1 Head Exposure Condition

6.1.1 SAM Phantom Shape

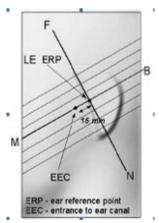


F-3. Front, back, and side views of SAM (model for the phantom shell). Full-head model is for illustration purposes only-procedures in this recommended practice are intended primarily for the phantom setup.

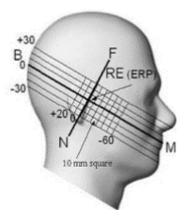
Note: The centre strip including the nose region has a different thickness tolerance.



F-4. Sagittally bisected phantom with extended perimeter (shown placed on its side as used for SAR measurements)



F-5. Close-up side view of phantom, showing the ear region, N-F and B-M lines, and seven cross-sectional plane locations



F-6. Side view of the phantom showing relevant markings and seven cross-sectional plane locations



Unless otherwise agreed in writing, 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.aspx.and. for electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx.
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 so ole 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 document. 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 unlawfull 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 & certificities. please contact us at telephone: (86-755) \$3071443.

or email: CN.Doccheck@sgs.com | South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 t (86–512) 6299/

中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

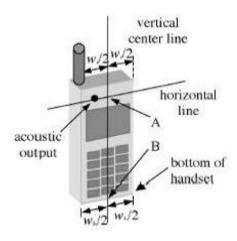


Report No.: SEWM2308000313RG10

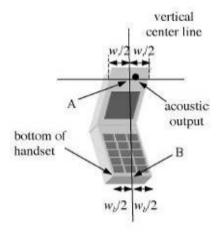
Rev.: 01

Page: 30 of 121

6.1.2 EUT constructions



F-7. Handset vertical and horizontal reference lines-"fixed case"



F-8. Handset vertical and horizontal reference lines-"clam-shell case"

6.1.3 Definition of the "cheek" position

- a) Position the device with the vertical centre line of the body of the device and the horizontal line crossing the centre of the ear piece in a plane parallel to the sagittal plane of the phantom ("initial position"). While maintaining the device in this plane, align the vertical centre line with the reference plane containing the three ear and mouth reference points (M, RE and LE) and align the centre of the ear piece with the line RE-LE.
- b) Translate the mobile phone box towards the phantom with the ear piece aligned with the line LE-RE until telephone touches the ear. While maintaining the device in the reference plane and maintaining the phone contact with the ear, move the bottom of the box until any point on the front side is in contact with the cheek of the phantom or until contact with the ear is lost.



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined herein. 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 transaction from exercising all their rights and obligations under the transaction from exercising all their rights and obligations under the transaction formement 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 unlawfull 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) 83071443, **Attention:**To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 83071443,

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industria Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路(号的6号厂房南部 邮编: 215000

t (86–512) 62992980 t (86–512) 62992980



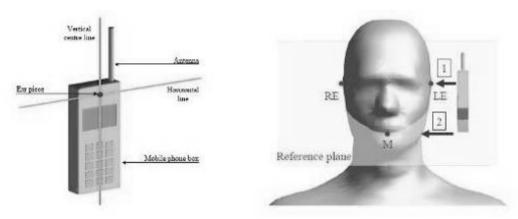
Report No.: SEWM2308000313RG10

Rev.: 01

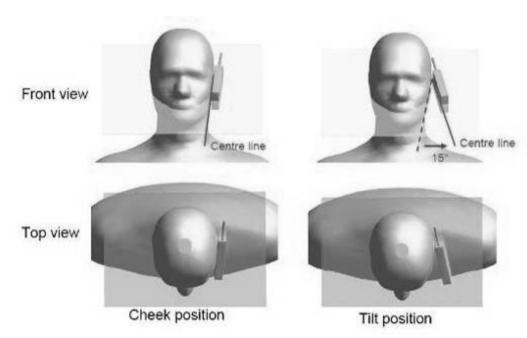
Page: 31 of 121

6.1.4 Definition of the "tilted" position

- a) Position the device in the "cheek" position described above;
- b) While maintaining the device in the reference plane described above and pivoting against the ear, move it outward away from the mouth by an angle of 15 degrees or until contact with the ear is lost.



F-9. Definition of the reference lines and points, on the phone and on the phantom and initial position



F-10. "Cheek" and "tilt" positions of the mobile phone on the left side



Unless otherwise agreed in writing, 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.aspx.and. for electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx.
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 so ole 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 document. 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 unlawfull 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 & certificities. please contact us at telephone: (86-755) \$3071443.

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jangsu) Pilot Free Trade Zone 215000中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区洞世路1号的6号厂房南部 邮编: 215000

i000 t (86–512) 62992



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 32 of 121

6.2 Body Exposure Condition

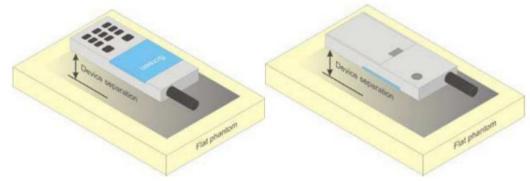
6.2.1 Body-worn accessory exposure conditions

Body-worn operating configurations should be tested with the belt-clips and holsters attached to the device and positioned against a flat phantom in normal use configurations.

Body-worn operating configurations are tested with the belt-clips and holsters attached to the device and positioned against a flat phantom in a normal use configuration. Per FCC KDB Publication 648474 D04, Bodyworn accessory exposure is typically related to voice mode operations when handsets are carried in body-worn accessories. The body-worn accessory procedures in FCC KDB Publication 447498 D01 should be used to test for body-worn accessory SAR compliance, without a headset connected to it. This enables the test results for such configuration to be compatible with that required for hotspot mode when the body-worn accessory test separation distance is greater than or equal to that required for hotspot mode, when applicable. When the reported SAR for a body-worn accessory, measured without a headset connected to the handset, is > 1.2 W/kg, the highest reported SAR configuration for that wireless mode and frequency band should be repeated for that body-worn accessory with a headset attached to the handset.

Accessories for Body-worn operation configurations are divided into two categories: those that do not contain metallic components and those that do contain metallic components. When multiple accessories that do not contain metallic components are supplied with the device, the device is tested with only the accessory that dictates the closest spacing to the body. Then multiple accessories that contain metallic components are tested with the device with each accessory. If multiple accessories share an identical metallic component (i.e. the same metallic belt-clip used with different holsters with no other metallic components) only the accessory that dictates the closest spacing to the body is tested.

Body-worn accessories may not always be supplied or available as options for some devices intended to be authorized for body-worn use. In this case, a test configuration with a separation distance between the back of the device and the flat phantom is used. Test position spacing was documented. Transmitters that are designed to operate in front of a person's face, as in push-to-talk configurations, are tested for SAR compliance with the front of the device positioned to face the flat phantom in head fluid. For devices that are carried next to the body such as a shoulder, waist or chest-worn transmitters, SAR compliance is tested with the accessories, including headsets and microphones, attached to the device and positioned against a flat phantom in a normal use configuration.



F-11. Test positions for body-worn devices



Unless otherwise agreed in writing, 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.apx and, for electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Document.apx. 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 document. 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 unlawfull 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 support (see Section 1) and the sample (section 1) are setting the places contact us at templace (66-755) 83071443.

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路(号的6号厂房南部 邮编: 215000

t (86–512) 62992980 sg

sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 33 of 121

6.2.2 Wireless Router exposure conditions

Some battery-operated handsets have the capability to transmit and receive user data through simultaneous transmission of WIFI simultaneously with a separate licensed transmitter. The FCC has provided guidance in FCC KDB Publication 941225 D06 where SAR test considerations for handsets (L x W \geq 9 cm x 5 cm) are based on a composite test separation distance of 10 mm from the front, back and edges of the device containing transmitting antennas within 2.5 cm of their edges, determined from general mixed use conditions for this type of devices. For devices with form factors smaller than 9 cm x 5 cm, a test separation distance of 5 mm is required.

6.3 Extremity exposure conditions

Per FCC KDB 648474 D04, for smart phones with a display diagonal dimension > 15.0 cm or an overall diagonal dimension > 16.0 cm that provide similar mobile web access and multimedia support found in mini-tablets or UMPC mini-tablets that support voice calls next to the ear, the device is marketed as "Phablet".

The UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at \leq 25 mm from that surface or edge, in direct contact with a flat phantom, for Product Specific 10-g SAR according to the body-equivalent tissue dielectric parameters in KDB 865664 to address interactive hand use exposure conditions. The UMPC mini-tablet 1-g SAR at 5 mm is not required. When hotspot mode applies, Product Specific 10-g SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR > 1.2 W/kg; however, when power reduction applies to hotspot mode the measured SAR must be scaled to the maximum output power, including tolerance, allowed for phablet modes to compare with the 1.2 W/kg SAR test reduction threshold.

Due to the SAR result, hotspot power levels, and product specific 10g SAR power levels are the same, no frequency bands need to test with 0mm for the Product Specific 10-g SAR are not required.



Unless otherwise agreed in writing, 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.apx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Document.apx. 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 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 unlawfull and offenders may be prosecuted to the fullest extend of the law Luless 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.



Report No.: SEWM2308000313RG10

Rev.: 01

Sucrose: 98+% Pure Sucrose

HEC: Hydroxyethyl Cellulose

Page: 34 of 121

7 SAR System Verification Procedure

7.1 Tissue Simulate Liquid

7.1.1 Recipes for Tissue Simulate Liquid

The bellowing tables give the recipes for tissue simulating liquids to be used in different frequency bands:

Ingredients					
(% by weight)	450	700-900	1750-2000	2300-2500	2500-2700
Water	38.56	40.30	55.24	55.00	54.92
Salt (NaCl)	3.95	1.38	0.31	0.2	0.23
Sucrose	56.32	57.90	0	0	0
HEC	0.98	0.24	0	0	0
Bactericide	0.19	0.18	0	0	0
Tween	0	0	44.45	44.80	44.85

Salt: 99⁺% Pure Sodium Chloride Water: De-ionized, 16 MΩ⁺ resistivity

Tween: Polyoxyethylene (20) sorbitan monolaurate

HSL13MHz is composed of the following ingredients:

Water: 50-90%

Non-ionic detergents: 5-50%

Nacl: 0-2%

Preservative: 0.03-0.1%

HSL5GHz is composed of the following ingredients:

Water: 50-65%
Mineral oil: 10-30%
Emulsifiers: 8-25%
Sodium salt: 0-1.5%

Table 3: Recipe of Tissue Simulate Liquid



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.ags.com/en/Terms-and-Conditions.agx; and, for electronic format documents, subject to Terms and Conditions for Telectronic Documents at http://www.ags.com/en/Terms-and-Conditions/Terms-e-Document aspx. 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 document. 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 unlawfull 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.

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone
中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 35 of 121

7.1.2 Measurement for Tissue Simulate Liquid

The Conductivity (σ) and Permittivity (ρ) are listed in bellow table. For the SAR measurement given in this report. The temperature variation of the Tissue Simulate Liquids was 22±2°C.

Measured Tissue Type Frequency		Target Tissue (±5%)		Measured Tissue		Liquid Temp. (℃)	Test Date
	(MHz)	ε _r	σ(S/m)	ε _r	σ(S/m)		
13 Head	13	55.00	0.75	54.100	0.736	22.5	2023-09-25
750 Head	750	41.90	0.89	42.789	0.885	22.3	2023-08-26
750 Head	750	41.90	0.89	42.687	0.889	22.1	2023-08-30
835 Head	835	41.50	0.90	42.879	0.896	22.3	2023-08-20
835 Head	835	41.50	0.90	42.911	0.895	22.4	2023-08-28
1750 Head	1750	40.10	1.37	40.120	1.341	22.2	2023-08-24
1750 Head	1750	40.10	1.37	40.087	1.346	22.5	2023-09-04
1950 Head	1950	40.00	1.40	38.718	1.465	22.3	2023-08-22
1950 Head	1950	40.00	1.40	38.794	1.460	22.4	2023-09-01
2300 Head	2300	39.50	1.67	39.664	1.693	22.1	2023-09-02
2450 Head	2450	39.20	1.80	40.136	1.784	22.2	2023-09-14
2600 Head	2600	39.00	1.96	37.735	1.969	22.1	2023-09-6
3500 Head	3500	37.90	2.91	39.040	2.957	22.3	2023-09-10
3700 Head	3700	37.70	3.12	37.385	3.262	22.5	2023-09-08
3900 Head	3900	37.50	3.32	36.981	3.454	22.4	2023-09-12
5250 Head	5250	35.90	4.66	36.536	4.857	22.3	2023-09-16
5600 Head	5600	35.50	5.07	35.668	5.249	22.2	2023-09-18
5750 Head	5750	35.40	5.22	35.487	5.446	22.4	2023-09-20
6500 Head	6500	34.50	6.07	33.700	6.180	22.3	2023-09-22
6500 Head	6500	34.50	6.07	33.900	6.110	22.3	2023-09-24

Table 4: Measurement result of Tissue electric parameters.



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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) 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: CND.occheck@gs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pllot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜裔1号的6号厂房南部 邮编: 215000

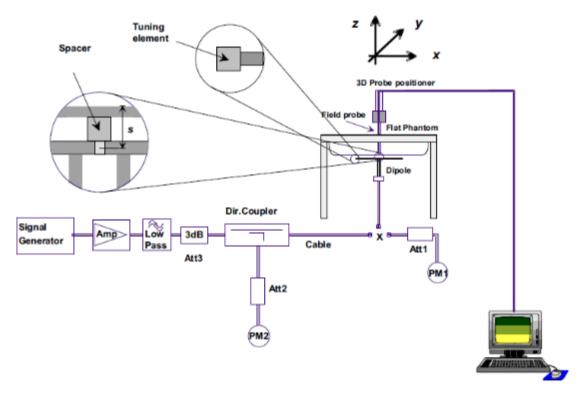


Report No.: SEWM2308000313RG10

Rev.: 01 Page: 36 of 121

7.2 SAR System Check

The microwave circuit arrangement for system Check is sketched in F-12. The daily system accuracy verification occurs within the flat section of the SAM phantom. A SAR measurement was performed to see if the measured SAR was within +/- 10% from the target SAR values. The tests were conducted on the same days as the measurement of the EUT. The obtained results from the system accuracy verification are displayed in the following table (A power level of 250mW (below 3GHz) or 100mW (3-6GHz) was input to the dipole antenna). During the tests, the ambient temperature of the laboratory was in the range 22±2°C, the relative humidity was in the range 60% and the liquid depth above the ear reference points was above 15±0.5 cm in all the cases. It is seen that the system is operating within its specification, as the results are within acceptable tolerance of the reference values.



F-12. the microwave circuit arrangement used for SAR system check



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined herein. 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 transaction from exercising all their rights and obligations under the transaction from exercising all their rights and obligations under the transaction document. 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 unlawfull 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 finspection report & certificate, please contact us at telephone: (86-755) 83071443,

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industria Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路(号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 37 of 121

7.2.1 Justification for Extended SAR Dipole Calibrations

- 1) Referring to KDB865664 D01 requirements for dipole calibration, instead of the typical annual calibration recommended by measurement standards, longer calibration intervals of up to three years may be considered when it is demonstrated that the SAR target, impedance and return loss of a dipole have remain stable according to the following requirements. Each measured dipole is expected to evaluate with the following criteria at least on annual interval in Appendix C.
- a) There is no physical damage on the dipole;
- b) System check with specific dipole is within 10% of calibrated value;
- c) Return-loss is within 10% of calibrated measurement;
- d) Impedance is within 5Ω from the previous measurement.
- 2) Network analyzer probe calibration against air, distilled water and a shorting block performed before measuring liquid parameters.



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues define 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) 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, **Textile All Poscheck**

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 38 of 121

7.2.2 SAR measurement uncertainty

Per KDB865664 D01 SAR Measurement 100 MHz to 6 GHz, when the highest measured 1-g SAR within a frequency band is < 1.5 W/kg, the extensive SAR measurement uncertainty analysis described in IEEE Std 1528-2013 is not required in SAR reports submitted for equipment approval. The equivalent ratio (1.5/1.6) is applied to extremity and occupational exposure conditions.

Measurements and results are all in compliance with the standards listed. All measurements and results are recorded and maintained at the laboratory performing the tests and measurement uncertainties are taken into account when comparing measurements to pass/ fail criteria. The expanded uncertainty (95% CONFIDENCE INTERVAL) is 23.01%

а	b	С	d = f(d,k)	F	i = C*g/e	K
Uncertainty Component	Tol (%)	Prob.Dist.	Div.	Ci (1g)	1g ui (%)	Vi(Veff)
Probe calibration	6.65	N	1	1	6.65	∞
Axial isotropy	0.5	R	√3	1	0.29	∞
hemispherical isotropy	2.6	R	√3	1	1.50	∞
Linearity	0.6	R	√3	1	0.35	∞
Probe modulation response	0	R	√3	1	0.00	∞
Detection limits	0.25	R	√3	1	0.14	∞
Boundary effect	1.0	R	√3	1	0.58	∞
Readout electronics	0.3	N	1	1	0.30	∞
Response time	0	R	√3	1	0.00	∞
Integration time	2.6	R	√3	1	1.50	∞
RF ambient conditions – noise	3	R	√3	1	1.73	∞
RF ambient conditions – reflections	3	R	√3	1	1.73	∞
Probe positioner mech. restrictions	1.5	R	√3	1	0.87	∞
Probe positioning with respect to phantom shell	2.9	R	√3	1	1.67	∞
Post-processing	1	R	√3	1	0.58	∞
Device holder uncertainty	3.6	N	1	1	3.60	∞
Test sample positioning	3.7	N	1	1	3.70	9
Power scaling	5.0	R	√3	1	2.89	∞
Drift of output power (measured SAR drift)	5	R	√3	1	2.89	∞
Phantom uncertainty (shape and thickness tolerances)	4	R	√3	1	2.31	∞
Algorithm for correcting SAR for deviations in permittivity and conductivity	1.9	N	1	1	1.90	∞
Liquid conductivity (meas.)	5.78	N	1	0.78	4.51	4
Liquid permittivity (meas.)	0.62	N	1	0.23	0.14	5
Liquid permittivity –temperature uncertainty	0.2	R	√3	0.78	0.09	∞
Liquid conductivity –temperature uncertainty	5.37	R	√3	0.23	071	∞
ombined standard uncertainty RSS					11.51	417
xpanded uncertainty (95% CONFIDENCE INTE	RVAL)	k=2			23.01	

Table 1: Measurement Uncertainty.



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues define 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 rigery 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) 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, **Testile Authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, **Testile Authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, **Testile Authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, **Testile Authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, **Testi

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pikot Fee Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980

sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 39 of 121

7.2.3 Summary System Check Result(s)

Vali	dation Kit	Measured SAR 250mW	Measured SAR 250mW	to 1W)	Measured SAR (normalized to 1W)	Target SAR (normalized to 1W)	Target SAR (normalized to 1W)	Liquid Temp. (°C)	Test Date
		1g (W/kg)	10g (W/kg)	1g (W/kg)	10g (W/kg)	1-g(W/kg)	10-g(W/kg)		
CLA-13	Head	0.11	0.07	0.46	0.29	0.42	0.27	22.5	2023-09-25
D750V3	Head	2.11	1.4	8.44	5.60	8.48	5.56	22.3	2023-08-26
D750V3	Head	2.12	1.41	8.48	5.64	8.48	5.56	22.1	2023-08-30
D835V2	Head	2.43	1.63	9.72	6.52	9.60	6.16	22.3	2023-08-20
D835V2	Head	2.46	1.65	9.84	6.60	9.60	6.16	22.4	2023-08-28
D1750V2	Head	8.96	4.77	35.84	19.08	37.00	19.30	22.2	2023-08-24
D1750V2	Head	9.13	4.86	36.52	19.44	37.00	19.30	22.5	2023-09-04
D1950V2	Head	10.30	5.32	41.20	21.28	40.40	20.80	22.3	2023-08-22
D1900V2	Head	10.10	5.14	40.40	20.56	40.40	20.80	22.4	2023-09-01
D2300V2	Head	12.9	6.15	51.60	24.60	48.70	23.30	22.1	2023-09-02
D2450V2	Head	13.50	6.28	54.00	25.12	52.70	24.60	22.2	2023-09-14
D2600V2	Head	14.70	6.54	58.80	26.16	57.10	25.40	22.1	2023-09-06
Vali	dation Kit	Measured SAR 100mW	Measured SAR 100mW	Measured SAR (normalized to 1W)	Measured SAR (normalized to 1W)	Target SAR (normalized to 1W)	Target SAR (normalized to 1W)	Liquid Temp. (°C)	Test Date
		1g (W/kg)	10g (W/kg)	1g (W/kg)	10g (W/kg)	1-g(W/kg)	10-g(W/kg)		
D3500V2	Head(3.5GHz)	7.05	2.63	70.50	26.30	66.60	24.90	22.3	2023-09-10
D3700V2	Head(3.7GHz)	7.27	2.65	72.70	26.50	68.00	24.60	22.5	2023-09-08
D3900V2	Head(3.9GHz)	7.26	2.51	72.60	25.10	69.70	24.00	22.4	2023-09-12
	Head(5.25GHz)	7.94	2.23	79.40	22.30	78.00	21.80	22.3	2023-09-16
D5GHzV2	Head(5.6GHz)	8.14	2.32	81.40	23.20	79.90	22.50	22.2	2023-09-18
	Head(5.75GHz)	8.07	2.29	80.70	22.90	76.40	21.20	22.4	2023-09-20
D6.5GV2	Head(6.5GHz)	27.50	5.07	275.00	50.70	290.00	52.60	22.3	2023-09-22
D6.5GV2	Head(6.5GHz)	27.70	5.23	277.00	52.30	290.00	52.60	22.3	2023-09-24

Table 5: SAR System Check Result.

7.2.4 Detailed System Check Results

Please see the Appendix A



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues define 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 anota be reproduced except in full, without prior written approval of the Company, Any unauthorized alteration, forger 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) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-75) 8307 1443,

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Fee Trade Zone 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 40 of 121

8 Test Configuration

8.1 3G SAR Test Reduction Procedure

According to KDB 941225D01, in the following procedures, the mode tested for SAR is referred to as the primary mode. The equivalent modes considered for SAR test reduction are denoted as secondary modes. Both primary and secondary modes must be in the same frequency band. When the maximum output power and tune-up tolerance specified for production units in a secondary mode is $\leq \frac{1}{4}$ dB higher than the primary mode or when the highest reported SAR of the primary mode is scaled by the ratio of specified maximum output power and tune-up tolerance of secondary to primary mode and the adjusted SAR is ≤ 1.2 W/kg, SAR measurement is not required for the secondary mode. This is referred to as the 3G SAR test reduction procedure in the following SAR test guidance, where the primary mode is identified in the applicable wireless mode test procedures and the secondary mode is wireless mode being considered for SAR test reduction by that procedure. When the 3G SAR test reduction procedure is not satisfied, it is identified as "otherwise" in the applicable procedures; SAR measurement is required for the secondary mode.

8.2 Operation Configurations

8.2.1 **GSM Test Configuration**

SAR tests for GSM 850 and GSM 1900, a communication link is set up with a base station by air link. Using CMW500 the power lever is set to "5" and "0" in SAR of GSM 850 and GSM 1900. The tests in the band of GSM 850 and GSM 1900 are performed in the mode of GPRS/EGPRS function. Since the GPRS class is 12 for this EUT, it has at most 4 timeslots in uplink and at most 5 timeslots in downlink, the maximum total timeslot is 6. The EGPRS class is 12 for this EUT, it has at most 4 timeslots in uplink, and at most 5 timeslots in downlink, the maximum total timeslot is 6.

SAR test reduction for GPRS and EDGE modes is determined by the source-based time-averaged output power specified for production units, including tune-up tolerance. The data mode with highest specified time-averaged output power should be tested for SAR compliance in the applicable exposure conditions. For modes with the same specified maximum output power and tolerance, the higher number time-slot configuration should be tested.

When SAR tests for EGPRS mode is necessary, GMSK modulation should be used to minimize SAR measurement error due to higher peak-to-average power (PAR) ratios inherent in 8-PSK.

The 3G SAR test reduction procedure is applied to 8-PSK EDGE with GMSK GPRS/EDGE as the primary mode



Unless otherwise agreed in writing, 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.apx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Document.apx. 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 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 unlawfull and offenders may be prosecuted to the fullest extend of the law Luless 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.

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industria Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路(号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 41 of 121

8.2.2 WCDMA Test Configuration

1) . Output Power Verification

Maximum output power is verified on the high, middle and low channels according to procedures described in section 5.2 of 3GPP TS 34.121, using the appropriate RMC or AMR with TPC (transmit power control) set to all "1's" for WCDMA/HSDPA or by applying the required inner loop power control procedures to maintain maximum output power while HSUPA is active. Results for all applicable physical channel configurations (DPCCH, DPDCHn and spreading codes, HSDPA, HSPA) are required in the SAR report. All configurations that are not supported by the handset or cannot be measured due to technical or equipment limitations must be clearly identified.

2) . Head SAR

SAR for next to the ear head exposure is measured using a 12.2 kbps RMC with TPC bits configured to all "1's". The 3G SAR test reduction procedure is applied to AMR configurations with 12.2 kbps RMC as the primary mode. Otherwise, SAR is measured for 12.2 kbps AMR in 3.4 kbps SRB (signaling radio bearer) using the highest reported SAR configuration in 12.2 kbps RMC for head exposure

3) . Body SAR

SAR for body configurations is measured using a 12.2 kbps RMC with TPC bits configured to all "1's". The 3G SAR test reduction procedure is applied to other spreading codes and multiple DPDCHn configurations supported by the handset with 12.2 kbps RMC as the primary mode. Otherwise, SAR is measured using an applicable RMC configuration with the corresponding spreaing code or DPDCHn, for the highest reported body-worn accessory exposure SAR configuration in 12.2 kbps RMC. When more than 2 DPDCHn are supported by the handset, it may be necessary to configure additional DPDCHn using FTM (Factory Test Mode) or other chipset based test approaches with parameters similar to those used in 384 kbps and 768 kbps RMC.

4) . HSDPA / HSUPA / DC-HSDPA

According to KDB 941225 D01v03, RMC 12.2kbps setting is used to evaluate SAR. If the maximum output power and tune-up tolerance specified for production units in HSDPA / HSUPA / DC-HSDPA is $\leq \frac{1}{4}$ dB higher than RMC 12.2Kbps or when the highest reported SAR of the RMC12.2Kbps is scaled by the ratio of specified maximum output power and tune-up tolerance of HSDPA / HSUPA / DC-HSDPA to RMC12.2Kbps and the adjusted SAR is \leq 1.2 W/kg, SAR measurement is not required for HSDPA / HSUPA / DC-HSDPA

a) HSDPA

HSDPA is configured according to the applicable UE category of a test device. The number of HS-DSCH/HS-PDSCHs, HARQ processes, minimum inter-TTI interval, transport block sizes and RV coding sequence are defined by the H-set. To maintain a consistent test configuration and stable transmission conditions, QPSK is used in the H-set for SAR testing. HS-DPCCH should be configured with a CQI feedback cycle of 4 ms and a CQI repetition factor of 2 to maintain a constant rate of active CQI slots. DPCCH and DPDCH gain factors(β c, β d), and HS-DPCCH power offset parameters (Δ ACK, Δ NACK, Δ CQI) are set according to values indicated in the following table. The CQI value is determined by the UE category, transport block size, number of HS-PDSCHs and modulation used in the H-set.



Unless otherwise agreed in writing, 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.apx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Document.apx. 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 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 unlawfull and offenders may be prosecuted to the fullest extend of the law Luless 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.

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industria Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路(号的6号厂房南部 邮编: 215000

t (86–512) 62992980 t (86–512) 62992980



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 42 of 121

Sub-test	βc	Bd	βd(SF)	βc/βd	βhs	CM(dB)	MPR (dB)
1	2/15	15/15	64	2/15	4/15	0.0	0
2	12/15(3)	15/15(3)	64	12/15(3)	24/15	1.0	0
3	15/15	8/15	64	15/8	30/15	1.5	0.5
4	15/15	4/15	64	15/4	30/15	1.5	0.5

Note1: \triangle ACK, \triangle NACK and \triangle CQI= 8 Ahs = β hs/ β c=30/15 β hs=30/15* β c

Note2:For the HS-DPCCH power mask requirement test in clause 5.2C,5.7A,and the Error Vector Magnitude(EVM) with HS-DPCCH test in clause 5.13.1.A,and HSDPA EVM with phase discontinuity in clause 5.13.1AA, \triangle ACK and \triangle NACK= 8 (Ahs=30/15) with β hs=30/15* β c,and \triangle CQI=

7 (Ahs=24/15) with β hs= $24/15*\beta$ c.

Note3: CM=1 forβc/βd =12/15, βhs/βc=24/15. For all other combinations of DPDCH, DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases.

The measurements were performed with a Fixed Reference Channel (FRC) and H-Set 1 QPSK.

Parameter	Value
Nominal average inf. bit rate	534 kbit/s
Inter-TTI Distance	3 TTI"s
Number of HARQ Processes	2 Processes
Information Bit Payload	3202 Bits
MAC-d PDU size	336 Bits
Number Code Blocks	1 Block
Binary Channel Bits Per TTI	4800 Bits
Total Available SMLs in UE	19200 SMLs
Number of SMLs per HARQ Process	9600 SMLs
Coding Rate	0.67
Number of Physical Channel Codes	5

Table 6: settings of required H-Set 1 QPSK acc. to 3GPP 34.121



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues define 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) 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, **Textile All Poscheck**

South of No. 6 Pent, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

215000 t (86–512) 62



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 43 of 121

HS-DSCH Category	Maximum HS-DSCH Codes Received	Minimum Inter- TTI Interval	MaximumH S-DSCH Transport BlockBits/HS- DSCH TTI	Total Soft Channel Bits
1	5	3	7298	19200
2	5	3	7298	28800
3	5	2	7298	28800
4	5	2	7298	38400
5	5	1	7298	57600
6	5	1	7298	67200
7	10	1	14411	115200
8	10	1	14411	134400
9	15	1	25251	172800
10	15	1	27952	172800
11	5	2	3630	14400
12	5	1	3630	28800
13	15	1	34800	259200
14	15	1	42196	259200
15	15	1	23370	345600
16	15	1	27952	345600

Table 7: HSDPA UE category

b) HSUPA

Due to inner loop power control requirements in HSUPA, a commercial communication test set should be used for the output power and SAR tests. The 12.2 kbps RMC, FRC H-set 1 and E-DCH configurations for HSUPA should be configured according to the values indicated below as well as other applicable procedures described in the "WCDMA Handset" and "Release 5 HSUPA Data Device" sections of 3G device.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sas.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sas.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues define 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,

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Liangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 www.sgsgroup.com.



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 44 of 121

Sub -test₽	βοσ	βd↔	β _d (SF)	β₀∕β₄₽	β _{hs} (1)⊕	βec⁴³	$eta_{ ext{ed}} arphi$	β _e _{o+} (SF	βed↔ (code)↔	CM ⁽ 2)← (dB) (dB	MP R↓ (dB)↓	AG ⁽⁴)↔ Inde x↔	E- TFC I&
1₽	11/15(3)+3	15/15(3)+3	64₽	11/15(3)43	22/15₽	209/22 5₽	1039/2250	4 0	1₽	1.0₽	0.0₽	20₽	75₽
2₽	6/15₽	15/15₽	64₽	6/15₽	12/15₽	12/15₽	94/75₽	4₽	10	3.0∉	2.0₽	12 ₽	67₽
3₽	15/15	9/15₽	64₽	15/9₽	30/15₽	30/15₽	β _{ed1} :47/1 5 ₄ β _{ed2:} 47/1 5 ₄	4₽	2₽	2.0₽	1.0₽	15.0	92₽
4₽	2/15₽	15/15₽	64₽	2/15₽	4/15₽	2/15₽	56/75₽	4₽	1₽	3.0₽	2.0₽	17₽	71₽
5₽	15/15(4)43	15/15(4)(3)	64₽	15/15(4)43	30/15₽	24/15	134/15₽	4₽	1₽	1.0₽	0.0₽	21₽	81₽

Note 1: \triangle ACK, \triangle NACK and \triangle CQI = 8 $A_{hs} = \beta_{hs}/\beta_{e} = 30/15$ $\beta_{hs} = 30/15 * \beta_{ed}$

Note 2: CM = 1 for β_c/β_d = 12/15, β_{hs}/β_c = 24/15. For all other combinations of DPDCH, DPCCH, HS-DPCCH, E-DPDCH and E-DPCCH the MPR is based on the relative CM difference.

Note 3 : For subtest 1 the β_c/β_d ratio of 11/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to $\beta_c = 10/15$ and $\beta_d = 15/15$.

Note 4: For subtest 5 the β_c/β_d ratio of 15/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1, TF1) to $\beta_c = 14/15$ and $\beta_d = 15/15$.

Note 5: Testing UE using E-DPDCHPhysical Layer category 1 Sub-test 3 is not required according to TS 25.306 Table 5.1g.

Note 6: βed can not be set directly; it is set by Absolute Grant Value.

Table 8: Subtests for UMTS Release 6 HSUPA

UE E-DCH Category	Maximum E-DCH Codes Transmitted	Number of HARQ Processes	E-DCH TTI(ms)	Minimum Speading Factor	Maximum E-DCH Transport Block Bits	Max Rate (Mbps)
1	1	4	10	4	7110	0.7296
2	2	8	2	4	2798	4 4500
2	2	4	10	4	14484	1.4592
3	2	4	10	4	14484	1.4592
4	2	8	2	2	5772	2.9185
4	2	4	10	2	20000	2.00
5	2	4	10	2	20000	2.00
6	4	8	10	2SF2&2SF	11484	5.76
(No DPDCH)	4	4	2	4	20000	2.00
7	4	8	2	2SF2&2SF	22996	?
(No DPDCH)	4	4	10 4		20000	?

NOTE: When 4 codes are transmitted in parallel, two codes shall be transmitted with SF2 and two with SF4.UE categories 1 to 6 support QPSK only. UE category 7 supports QPSK and 16QAM.(TS25.306-7.3.0).

Table 9: HSUPA UE category



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues define 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 rigery 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) 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, **Testile Authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, **Testile Authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, **Testile Authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, **Testile Authenticity of testing /inspection report & certificate, please contact us at telephone: (86-755) 8307 1443, **Testi

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜裔1号的6号厂房南部 邮编: 215000

000 t (86–512) 62992980 t (86–512) 62992980



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 45 of 121

c) DC-HSDPA

SAR is required for Rel. 8 DC-HSDPA when SAR is required for Rel. 5 HSDPA; otherwise, the 3G SAR test reduction procedure is applied to DC-HSDPA with 12.2 kbps RMC as the primary mode. Power is measured for DC-HSDPA according to the H-Set 12, FRC configuration in Table C.8.1.12 of 3GPP TS 34.121-1 to determine SAR test reduction. A primary and a Second serving HS-DSCH Cell are required to perform the power measurement and for the results to be acceptable.

The following tests were completed according to procedures in section 7.3.13 of 3GPP TS 34.108 v9.5.0. A summary of these settings are illustrated below:

Downlink Physical Channels are set as per 3GPP TS34.121-1 v9.0.0 E.5.0

Table E.5.0: Levels for HSDPA connection setup

Parameter During Connection setup	Unit	Value
P-CPICH_Ec/lor	dB	-10
P-CCPCH and SCH_Ec/lor	dB	-12
PICH _Ec/lor	dB	-15
HS-PDSCH	dB	off
HS-SCCH_1	dB	off
DPCH_Ec/lor	dB	-5
OCNS_Ec/lor	dB	-3.1

Call is set up as per 3GPP TS34.108 v9.5.0 sub clause 7.3.13.

The configurations of the fixed reference channels for HSDPA RF tests are described in 3GPP TS 34.121, annex C for FDD and 3GPP TS 34.122.

The measurements were performed with a Fixed Reference Channel (FRC) H-Set 12 with QPSK.

Parameter	Value
Nominal average inf. bit rate	60 kbit/s
Inter-TTI Distance	1 TTI's
Number of HARQ Processes	6 Processes
Information Bit Payload	120 Bits
Number Code Blocks	1 Block
Binary Channel Bits Per TTI	960 Bits
Total Available SMLs in UE	19200 SMLs
Number of SMLs per HARQ Process	3200 SMLs
Coding Rate	0.15
Number of Physical Channel Codes	1

Table 10: settings of required H-Set 12 QPSK acc. to 3GPP 34.121

Note:

- 1. The RMC is intended to be used for DC-HSDPA mode and both cells shall transmit with identical parameters as listed in the table above.
- 2. Maximum number of transmission is limited to 1,i.e.,retransmission is not allowed. The redundancy and constellation version 0 shall be used.



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.ags.com/en/Terms-and-Conditions.agx; and, for electronic format documents, subject to Terms and Conditions for Telectronic Documents at http://www.ags.com/en/Terms-and-Conditions/Terms-e-Document aspx. 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 document. 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 unlawfull 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.

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industria Park, Suchou Area, China (Jangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 46 of 121

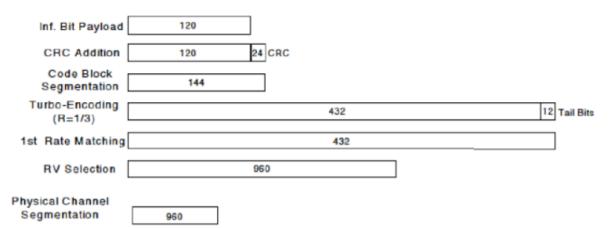


Figure C.8.19: Coding rate for Fixed reference Channel H-Set 12 (QPSK)

The following 4 Sub-tests for HSDPA were completed according to Release 5 procedures. A summary of subtest settings are illustrated below:

Sub-test₽	β _c ₽	β _d ₽	β _d ·(SF)₽	$\beta_c \cdot / \beta_{d^{e^2}}$	β _{hs} ·(1) _Θ	CM(dB)(2)	MPR (dB)₽
1₽	2/15₽	15/15₽	64₽	2/15₽	4/15₽	0.0₽	043
2₽	12/15(3)	15/15(3)	64₽	12/15(3)	24/15₽	1.0₽	043
3₽	15/15₽	8/15₽	64₽	15/8₽	30/15₽	1.5₽	0.5₽
4₽	15/15₽	4/15₽	64₽	15/4₽	30/15₽	1.5₽	0.5₽

Note: 1: \triangle ACK, \triangle NACK and \triangle CQI=8 $A_{hs} = \beta_{hs}/\beta_c = 30/15$ $\beta_{hs} = 30/15 * \beta_c = 30/15$

Note 2: CM=1 for $\beta_c/\beta_{d=}12/15$, $\beta_{hs}/\beta_c=24/15$. For all other combinations of DPDCH,DPCCH and HS-DPCCH the MPR is based on the relative CM difference. This is applicable for only UEs that support HSDPA in release 6 and later releases. Note 3: For subtest 2 the β_c/β_d ratio of 12/15 for the TFC during the measurement period (TF1, TF0) is achieved by setting the signalled gain factors for the reference TFC (TF1,TF1) to $\beta_c=11/15$ and $\beta_d=15/15$.

Up commands are set continuously to set the UE to Max power. Note:

- 1. The Dual Carriers transmission only applies to HSDPA physical channels
- 2. The Dual Carriers belong to the same Node and are on adjacent carriers.
- 3. The Dual Carriers do not support MIMO to serve UEs configured for dual cell operation
- 4. The Dual Carriers operate in the same frequency band.
- 5. The device doesn't support the modulation of 16QAM in uplink but 64QAM in downlink for DC-HSDPA mode.
- 6. The device doesn't support carrier aggregation for it just can operate in Release 8.



Unless otherwise agreed in writing, 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.apx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Document.apx. 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 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 unlawfull and offenders may be prosecuted to the fullest extend of the law Luless 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.

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 47 of 121

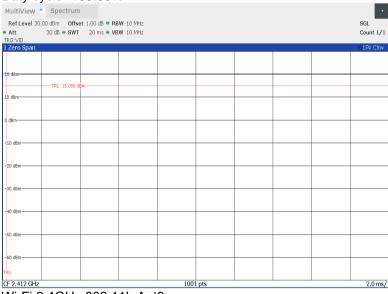
8.2.3 WiFi Test Configuration

A Wi-Fi device must be configured to transmit continuously at the required data rate, channel bandwidth and signal modulation, using the highest transmission duty factor supported by the test mode tools for SAR measurement.

8.2.3.1 Duty cycle

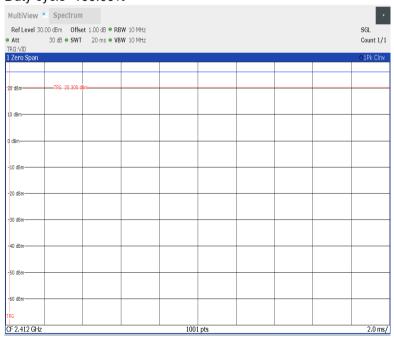
Wi-Fi 2.4GHz 802.11b Ant7:

Duty cycle=100.00%



Wi-Fi 2.4GHz 802.11b Ant9:

Duty cycle=100.00%





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sas.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sas.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues define 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,

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industria Park, Suchou Area, China (Jangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 t (86–512) 62992980

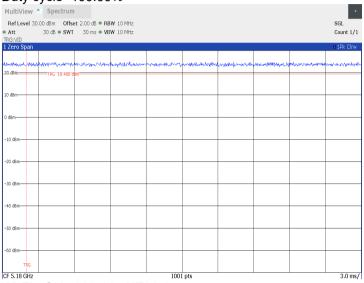


Report No.: SEWM2308000313RG10

Rev.:

48 of 121 Page:

Wi-Fi 5GHz 802.11a Ant7: Duty cycle=100.00%



Wi-Fi 5GHz 802.11n HT20 Ant7: Duty cycle=100.00%





Unless otherwise agreed in writing, 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.aspx 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.aspx. 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@gs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 www.sgsgroup.com.cn sgs.china@sgs.com



Report No.: SEWM2308000313RG10

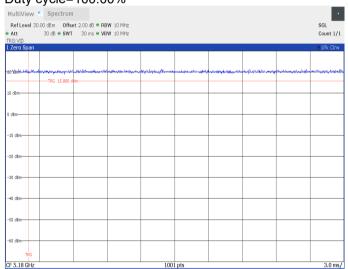
Rev.: 01

Page: 49 of 121

Wi-Fi 5GHz 802.11ac VHT80 Ant7: Duty cycle=100.00%



Wi-Fi 5GHz 802.11a Ant9: Duty cycle=100.00%





Unless otherwise agreed in writing, 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.aspx 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.aspx. 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@gs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jiangsu) Pilot Fee Trade Zone 215000中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

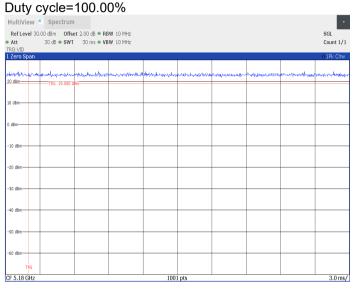


Report No.: SEWM2308000313RG10

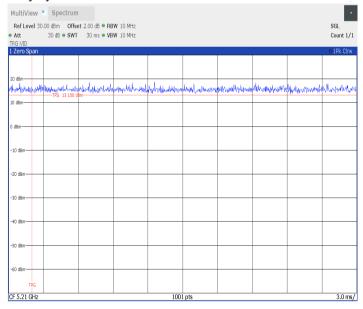
Rev.:

50 of 121 Page:

Wi-Fi 5GHz 802.11n HT20 Ant9:



Wi-Fi 5GHz 802.11ac VHT80 Ant9: Duty cycle=100.00%





Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indemification 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) 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: CND.occheck@gs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 www.sgsgroup.com.cn sgs.china@sgs.com

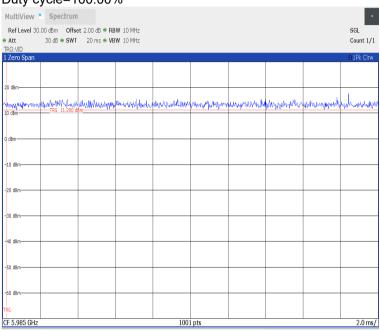


Report No.: SEWM2308000313RG10

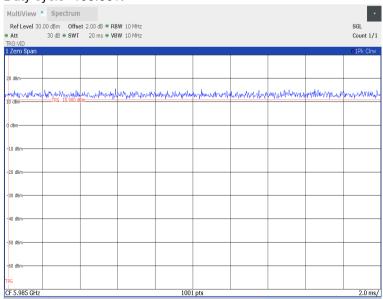
Rev.:

51 of 121 Page:

Wi-Fi 5GHz 802.11ax 80M Ant7: Duty cycle=100.00%



Wi-Fi 5GHz 802.11ax 80M Ant9: Duty cycle=100.00%





Unless otherwise agreed in writing, 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.aspx 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.aspx. 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@gs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 www.sgsgroup.com.cn sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 52 of 121

8.2.3.2 Initial Test Position SAR Test Reduction Procedure

DSSS and OFDM configurations are considered separately according to the required SAR procedures. SAR is measured in the initial test position using the 802.11 transmission mode configuration required by the DSSS procedure or initial test configuration and subsequent test configuration(s) according to the OFDM procedures. The initial test position procedure is described in the following:

- 1) . When the reported SAR of the initial test position is ≤ 0.4 W/kg, further SAR measurement is not required for the other (remaining) test positions in that exposure configuration and 802.11 transmission mode combinations within the frequency band or aggregated band. SAR is also not required for that exposure configuration in the subsequent test configuration(s).
- 2) . When the reported SAR of the initial test position is > 0.4 W/kg, SAR is repeated for the 802.11 transmission mode configuration tested in the initial test position using subsequent highest extrapolated or estimated 1-g SAR conditions determined by area scans or next closest/smallest test separation distance and maximum RF coupling test positions based on manufacturer justification, on the highest maximum output power channel, until the reported SAR is ≤ 0.8 W/kg or all required test positions (left, right, touch, tilt or subsequent surfaces and edges) are tested.
- 3) . For all positions/configurations tested using the initial test position and subsequent test positions, when the reported SAR is > 0.8 W/kg, SAR is measured for these test positions/configurations on the subsequent next highest measured output power channel(s) until the reported SAR is ≤ 1.2 W/kg or all required channels are tested. a) Additional power measurements may be required for this step, which should be limited to those necessary for identifying the subsequent highest output power channels.

8.2.3.3 Initial Test Configuration Procedures

An initial test configuration is determined for OFDM transmission modes according to the channel bandwidth, modulation and data rate combination(s) with the highest maximum output power specified for production units in each standalone and aggregated frequency band. SAR is measured using the highest measured maximum output power channel. For configurations with the same specified or measured maximum output power, additional transmission mode and test channel selection procedures are required. SAR test reduction for subsequent highest output test channels is determined according to *reported* SAR of the initial test configuration. For next to the ear, hotspot mode and UMC mini-tablet exposure configurations where multiple test positions are required, the initial test position procedure is applied to minimize the number of test positions required for SAR measurement using the initial test configuration transmission mode. For fixed exposure conditions that do not have multiple SAR test positions, SAR is measured in the transmission mode determined by the initial test configuration.

When the *reported* SAR of the initial test configuration is > 0.8 W/kg, SAR measurement is required for subsequent next highest measured output power channel(s) in the initial test configuration until *reported* SAR is ≤ 1.2 W/kg or all required channels are tested.

8.2.3.4 Subsequent Test Configuration Procedures

SAR measurement requirements for the remaining 802.11 transmission mode configurations that have not been tested in the initial test configuration are determined separately for each standalone and aggregated frequency band, in each exposure condition, according to the maximum output power specified for production units. The initial test position procedure is applied to next to the ear, UMPC mini-tablet and hotspot mode configurations. When the same maximum output power is specified for multiple transmission modes, additional power measurements may be required to determine if SAR measurements are required for subsequent highest output power channels in a subsequent test configuration. The subsequent test configuration and SAR measurement procedures are described in the following.

1) . When SAR test exclusion provisions of KDB Publication 447498 are applicable and SAR measurement is not required for the initial test configuration, SAR is also not required for the next highest maximum output power transmission mode subsequent test configuration(s) in that frequency band or aggregated



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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) 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: CND.occheck@gs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industria Park, Suchou Area, China (Jangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 53 of 121

band and exposure configuration.

- 2) . When the highest reported SAR for the initial test configuration (when applicable, include subsequent highest output channels), according to the initial test position or fixed exposure position requirements, is adjusted by the ratio of the subsequent test configuration to initial test configuration specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, SAR is not required for that subsequent test configuration.
- 3) . The number of channels in the initial test configuration and subsequent test configuration can be different due to differences in channel bandwidth. When SAR measurement is required for a subsequent test configuration and the channel bandwidth is smaller than that in the initial test configuration, all channels in the subsequent test configuration that overlap with the larger bandwidth channel tested in the initial test configuration should be used to determine the highest maximum output power channel. This step requires additional power measurement to identify the highest maximum output power channel in the subsequent test configuration to determine SAR test reduction.
 - SAR should first be measured for the channel with highest measured output power in the subsequent test configuration.
 - b) SAR for subsequent highest measured maximum output power channels in the subsequent test configuration is required only when the *reported* SAR of the preceding higher maximum output power channel(s) in the subsequent test configuration is > 1.2 W/kg or until all required channels are tested. i) For channels with the same measured maximum output power, SAR should be measured using the channel closest to the center frequency of the larger channel bandwidth channel in the initial test configuration.
- 4) . SAR measurements for the remaining highest specified maximum output power OFDM transmission mode configurations that have not been tested in the initial test configuration (highest maximum output) or subsequent test configuration(s) (subsequent next highest maximum output power) is determined by recursively applying the subsequent test configuration procedures in this section to the remaining configurations according to the following:
 - replace "subsequent test configuration" with "next subsequent test configuration" (i.e., subsequent next highest specified maximum output power configuration)
 - b) replace "initial test configuration" with "all tested higher output power configurations"





Report No.: SEWM2308000313RG10

Rev.: 01 Page: 54 of 121

8.2.3.5 2.4 GHz WiFi SAR Procedures

Separate SAR procedures are applied to DSSS and OFDM configurations in the 2.4 GHz band to simplify DSSS test requirements. For 802.11b DSSS SAR measurements, DSSS SAR procedure applies to fixed exposure test position and initial test position procedure applies to multiple exposure test positions. When SAR measurement is required for an OFDM configuration, the initial test configuration, subsequent test configuration and initial test position procedures are applied. The SAR test exclusion requirements for 802.11g/n OFDM configurations are described in following.

• 802.11b DSSS SAR Test Requirements

SAR is measured for 2.4 GHz 802.11b DSSS using either a fixed test position or, when applicable, the initial test position procedure. SAR test reduction is determined according to the following:

- 1) . When the reported SAR of the highest measured maximum output power channel for the exposure configuration is ≤ 0.8 W/kg, no further SAR testing is required for 802.11b DSSS in that exposure configuration.
- 2) . When the reported SAR is > 0.8 W/kg, SAR is required for that exposure configuration using the next highest measured output power channel. When any reported SAR is > 1.2 W/kg, SAR is required for the third channel; i.e., all channels require testing.
- 2.4 GHz 802.11g/n OFDM SAR Test Exclusion Requirements

When SAR measurement is required for 2.4 GHz 802.11g/n OFDM configurations, the measurement and test reduction procedures for OFDM are applied (section 5.3, including sub-sections). SAR is not required for the following 2.4 GHz OFDM conditions.

- 1) . When KDB Publication 447498 SAR test exclusion applies to the OFDM configuration.
- 2) . When the highest reported SAR for DSSS is adjusted by the ratio of OFDM to DSSS specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg.

SAR Test Requirements for OFDM configurations

When SAR measurement is required for 802.11 g/n OFDM configurations, each standalone and frequency aggregated band is considered separately for SAR test reduction. In applying the initial test configuration and subsequent test configuration procedures, the 802.11 transmission configuration with the highest specified maximum output power and the channel within a test configuration with the highest measured maximum output power should be clearly distinguished to apply the procedures.





Report No.: SEWM2308000313RG10

Rev.: 01 Page: 55 of 121

8.2.4 LTE Test Configuration

LTE modes were tested according to FCC KDB 941225 D05 publication. Please see notes after the tabulated SAR data for required test configurations. Establishing connections with base station simulators ensure a consistent means for testing SAR and are recommended for evaluating SAR [4]. The Anritsu MT8820C was used for LTE output power measurements and SAR testing. Max power control was used so the UE transmits with maximum output power during SAR testing. SAR must be measured with the maximum TTI (transmit time interval) supported by the device in each LTE configuration.

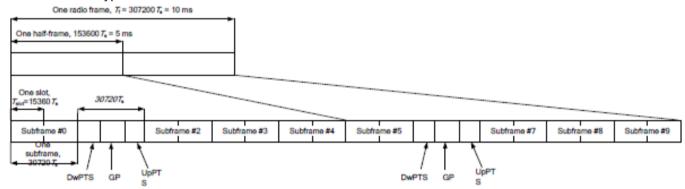
TDD LTE test consideration

For Time-Division Duplex (TDD) systems, SAR must be tested using a fixed periodic duty factor according to the highest transmission duty factor implemented for the device and supported by the defined 3GPP LTE TDD configurations.

SAR was tested with the highest transmission duty factor (63.33%) using Uplink-downlink configuration 0 and Special subframe configuration 7.

LTE TDD Band support 3GPP TS 36.211 section 4.2 for Type 2 Frame Structure and Table 4.2-2 for uplink-downlink configurations and Table 4.2-1 for Special subframe configurations.

Frame structure type 2:







Report No.: SEWM2308000313RG10

Rev.: 01 Page: 56 of 121

Configuration of special subframe (lengths of DwPTS/GP/UpPTS).

Special	•	nal cyclic prefix in	downlink	Extended cyclic prefix in downlink				
subframe	DwPTS	Up	PTS	DwPTS	UpPTS			
configuration		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		
0	6592.Ts			7680.Ts		2560.Ts		
1	19760.Ts			20480.Ts	2192.Ts			
2	21952.Ts	2192.Ts	2560.Ts	23040.Ts	2192.18			
3	24144.Ts			25600.Ts				
4	26336.Ts			7680.Ts				
5	6592.Ts			20480.Ts	4204 To	5120 To		
6	19760.Ts			23040.Ts	4384.Ts	5120.Ts		
7	21952.Ts	4384.Ts	5120.Ts	25600.Ts				
8	24144.Ts			-	-	-		
9	13168.Ts			-	-	-		

Uplink-downlink configurations.

Uplink-downlink	Downlink-to-				St	ubframe	e numb	er	er			
configuration	Uplink Switch- point periodicity	0	1	2	3	4	5	6	7	8	9	
0	5 ms	D	S	U	U	U	D	S	U	U	U	
1	5 ms	D	S	U	J	D	D	S	U	U	D	
2	5 ms	D	S	U	D	D	D	S	U	D	D	
3	10 ms	D	S	U	U	U	D	D	D	D	D	
4	10 ms	D	S	U	U	D	D	D	D	D	D	
5	10 ms	D	S	U	D	D	D	D	D	D	D	
6	5 ms	D	S	U	U	U	D	S	U	U	D	

Calculated Duty Cycle=[Extended cyclic prefix in uplink x (Ts) x # of S + # of U]/10ms

Uplink- Downlink Configurat	Downlink-to- Uplink Switch- point Periodicity				Subfra	ame N	umber					Calculated Duty
ion	point Periodicity	0	1	2	3	4	5	6	7	8	9	Cycle (%)
0	5 ms	D	S	U	U	U	D	S	J	U	U	63.33
1	5 ms	D	S	U	U	D	D	S	U	U	D	43.33
2	5 ms	D	S	U	D	D	D	S	U	D	D	23.33
3	10 ms	D	S	U	U	U	D	D	D	D	D	31.67
4	10 ms	D	S	U	U	D	D	D	D	D	D	21.67
5	10 ms	D	S	U	D	D	D	D	D	D	D	11.67
6	5 ms	D	S	U	U	U	D	S	U	U	D	53.33



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues define 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 anota be reproduced except in full, without prior written approval of the Company, Any unauthorized alteration, forger 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: (86-75) 8307 1443,

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pllot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜裔1号的6号厂房南部 邮编: 215000

t (86–512) 62992980



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 57 of 121

A) Spectrum Plots for RB Configurations

A properly configured base station simulator was used for SAR tests and power measurements. Therefore, spectrum plots for RB configurations were not required to be included in this report.

B) MPR

MPR is permanently implemented for this device by the manufacturer. The specific manufacturer target MPR is indicated alongside the SAR results. MPR is enabled for this device, according to 3GPP TS36.101 Section 6.2.3 – 6.2.5 under Table 6.2.3-1.

Modulation	Cha	nnel bandw	idth / Tra	ansmission	bandwidth ((N _{RB})	MPR (dB)
	1.4	3.0	5	10	15	20	1
	MHz	MHz	MHz	MHz	MHz	MHz	
QPSK	> 5	> 4	> 8	> 12	> 16	> 18	≤ 1
16 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 1
16 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 2
64 QAM	≤ 5	≤ 4	≤ 8	≤ 12	≤ 16	≤ 18	≤ 2
64 QAM	> 5	> 4	> 8	> 12	> 16	> 18	≤ 3

C) A-MPR

A-MPR (Additional MPR) has been disabled for all SAR tests by setting NS=01 on the base station simulator.

D) Largest channel bandwidth standalone SAR test requirements

1) QPSK with 1 RB allocation

Start with the largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel. When the reported SAR is \leq 0.8 W/kg, testing of the remaining RB offset configurations and required test channels is not required for 1 RB allocation; otherwise, SAR is required for the remaining required test channels and only for the RB offset configuration with the highest output power for that channel. When the reported SAR of a required test channel is \geq 1.45 W/kg, SAR is required for all three RB offset configurations for that required test channel.

2) QPSK with 50% RB allocation

The procedures required for 1 RB allocation in 1) are applied to measure the SAR for QPSK with 50% RB allocation.

3) QPSK with 100% RB allocation

For QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation in 1) and 2) are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.

4) Higher order modulations

For each modulation besides QPSK; e.g., 16-QAM, 64-QAM, apply the QPSK procedures in above sections to determine the QAM configurations that may need SAR measurement. For each configuration identified as required for testing, SAR is required only when the highest maximum output power for the configuration in the higher order modulation is $> \frac{1}{2}$ dB higher than the same configuration in QPSK or when the reported SAR for the QPSK configuration is > 1.45 W/kg.

E) Other channel bandwidth standalone SAR test requirements

For the other channel bandwidths used by the device in a frequency band, apply all the procedures required for the largest channel bandwidth in section A) to determine the channels and RB configurations that need SAR testing and only measure SAR when the highest maximum output power of a configuration requiring testing in the smaller channel bandwidth is > $\frac{1}{2}$ dB higher than the equivalent channel configurations in the largest channel bandwidth configuration or the reported SAR of a configuration for the largest channel bandwidth is > 1.45 W/kg.



Unless otherwise agreed in writing, 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.apx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Document.apx. 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 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 unlawfull and offenders may be prosecuted to the fullest extend of the law Luless 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.

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86-512) 62992980

sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 58 of 121

8.2.5 NR Band Test Configuration

1. NR Band n2/n5/n25/n26/n30/n41/n48/n66/n70/71/n77 support SA mode and n2/n5/n25/n41/n66/71/n77 support NSA mode. LTE+NR Band operations are possible only with LTE under EN-DC mode and the operations are possible as following table:

Bor	nd/Antenna	LTE E	Band 2	LTE Band 5	LTE Band 12	LTE Band 14	LTE B	and 30	LTE B	and 66
Dai	iu/Antenna	Ant2	Ant3	Ant1	Ant1	Ant1	Ant1	Ant3	Ant2	Ant3
n2	Ant2	√	\checkmark					\checkmark	\checkmark	\checkmark
112	Ant3	√	\checkmark	V	$\sqrt{}$	V		\checkmark	\checkmark	\checkmark
n5	ant1		\checkmark					\checkmark		√
n25	Ant2								\checkmark	√
1123	Ant3								$\sqrt{}$	\checkmark
n41	ant3	√	√						\checkmark	\checkmark
n66	Ant2		\checkmark					\checkmark	$\sqrt{}$	√
1100	Ant3	√	\checkmark		$\sqrt{}$	√		\checkmark	\checkmark	√
n71	ant1		\checkmark							
117 1	ant3									√
n77	ant5	√	√	V	$\sqrt{}$	$\sqrt{}$	√		V	√

2. The general information supported by the NR band is as following table:

	Band		n2	n5	n25	n26	n30	n41 PC3	n41 PC2	n48	n66	n70	n71	n77 PC3	n77 PC2
		PI/2 BPSK	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	DFT-s-	QPSK	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	OFDM	16QAM	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
N 4 a alvel a 4 i a sa		64QAM	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Modulation		256QAM	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		QPSK	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	CP-	16QAM	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
	OFDM	64QAM	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
		256QAM	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Du	ıty Cycle)	100%	100%	100%	100%	100%	80%	50%	100%	100%	100%	100%	80%	50%

Dand	000							Bandy	width					
Band	SCS	5Mhz	10Mhz	15Mhz	20Mhz	25Mhz	30Mhz	40Mhz	50Mhz	60Mhz	70Mhz	80Mhz	90Mhz	100Mhz
N2	15KHZ	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
N2	30KHZ	N/A	Yes	Yes	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
N5	15KHZ	Yes	Yes	Yes	Yes	N/A								
N5	30KHZ	N/A	Yes	Yes	Yes	N/A								
N25	15KHZ	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
N25	30KHZ	N/A	Yes	Yes	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
N26	15KHZ	Yes	Yes	Yes	Yes	N/A								
N26	30KHZ	N/A	Yes	Yes	Yes	N/A								
N30	15KHZ	Yes	Yes	Yes	Yes	N/A								
N30	30KHZ	N/A	Yes	Yes	Yes	N/A								
N41	15KHZ	N/A	Yes	Yes	Yes	N/A	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A
N41	30KHZ	N/A	Yes	Yes	Yes	N/A	Yes							
N48	15KHZ	N/A	Yes	Yes	Yes	N/A	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
N48	30KHZ	N/A	Yes	Yes	Yes	N/A	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
N66	15KHZ	Yes	Yes	Yes	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
N66	30KHZ	N/A	Yes	Yes	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
N70	15KHZ	Yes	Yes	Yes	Yes	Yes	N/A							
N70	30KHZ	N/A	Yes	Yes	Yes	Yes	N/A							



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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) 83071443, or email: CN.Doccheck@gs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pllot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜裔1号的6号厂房南部 邮编: 215000

5000 t (86–512) 62992



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 59 of 121

N71	15KHZ	Yes	N/A	N/A	N/A	N/A	N/A	N/A						
N71	30KHZ	N/A	Yes	Yes	Yes	Yes	Yes	Yes	N/A	N/A	N/A	N/A	N/A	N/A
N77	15KHZ	N/A	Yes	N/A	N/A	N/A	N/A	N/A						
N77	30KHZ	N/A	Yes											



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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 relects 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 one one 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) 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: CAD.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 www t (86–512) 62992980 sgs.c



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 60 of 121

3. For 5G NR test procedure was following step similar FCC KDB 941225 D05:

a. For DFT-OFDM and CP-OFDM output power measurement reduction, according to 3GPP 38.101 maximum power reduction for power class 3, the CP-OFDM mode will not higher than DFT-OFDM mode, therefore, similar FCC KDB 941225 D05 procedure for other modulation output power for each RB allocation configuration is > not ½ dB higher than the same configuration in DFT-QPSK and the reported SAR for the DFT-QPSK configuration is ≤ 1.45 W/kg; CP-OFDM testing is not required.

- b. For DFT-OFDM output power measurement reduction, according to 38.101 maximum power reduction for power class 3, for PI/2 BPSK/16QAM/64QMA/256QAM and smaller bandwidth output power will spot check largest channel bandwidth worst RB configuration to ensure the PI/2 BPSK/16QAM/64QMA/256QAM and smaller bandwidth output power will not ½ dB higher than the same configuration in the largest supported bandwidth.
- c. SAR testing start with the largest SCS and largest channel bandwidth and measure SAR for QPSK with 1 RB allocation, using the RB offset and required test channel combination with the highest maximum output power for RB offsets at the upper edge, middle and lower edge of each required test channel.
- d. 50% RB allocation for QPSK SAR testing follows 1RB QPSK allocation procedure
- e. QPSK with 100% RB allocation, SAR is not required when the highest maximum output power for 100 % RB allocation is less than the highest maximum output power in 50% and 1 RB allocations and the highest reported SAR for 1 RB and 50% RB allocation are ≤ 0.8 W/kg. Otherwise, SAR is measured for the highest output power channel; and if the reported SAR is > 1.45 W/kg, the remaining required test channels must also be tested.
- f. PI/2 BPSK/16QAM/64QAM/256QAM output powers according to 3GPP MPR will not ½ dB higher than the same configuration in QPSK, also reported SAR for the QPSK configuration is less than 1.45 W/kg, PI/2 BPSK/16QAM/64QAM/256QAM SAR testing are not required.
- g. Smaller SCS/bandwidth output power for each RB allocation configuration for this device will not $\frac{1}{2}$ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg, smaller bandwidth SAR testing is not required for this device





Report No.: SEWM2308000313RG10

Rev.: 01 Page: 61 of 121

4. MPR

MPR is permanently implemented for this device by the manufacturer. The specific manufacturer target MPR is indicated alongside the SAR results. MPR is enabled for this device, according to 3GPP TS 38.101-1 Section 6.2.2 under Table 6.2.2 -1.

Modul	lation		MPR (dB)	
Iviodui	lation	Edge RB allocations	Outer RB allocations	Inner RB allocations
	PI/2 BPSK	≤ 3.5 ¹	≤ 1.2 ¹	≤ 0.2 ¹
	FI/Z DF3K	≤ 0.5 ²	≤ 0.5 ²	02
DFT-s-OFDM	QPSK	≤	1	0
	16 QAM	≤	2	≤ 1
	64 QAM		≤ 2.5	
	256 QAM		≤ 4.5	
	QPSK	≤	3	≤ 1.5
CP-OFDM	16 QAM	≤	3	≤2
CF-OFDIVI	64 QAM		≤ 3.5	
	256 QAM		≤ 6.5	

- NOTE 1: Applicable for UE operating in TDD mode with Pi/2 BPSK modulation and UE indicates support for UE capability powerBoosting-pi2BPSK and if the IE powerBoostPi2BPSK is set to 1 and 40 % or less slots in radio frame are used for UL transmission for bands n41, n77, n78. The reference power of 0 dB MPR is 26dBm.
- NOTE 2: Applicable for UE operating in FDD mode, or in TDD mode in bands other than n41, n77, n78 with Pi/2 BPSK modulation and if the IE powerBoostPi2BPSK is set to 0 and if more than 40 % of slots in radio frame are used for UL transmission for bands n41, n77, n78.
- 5. For FDD NR Band operation does not have the fixed UL/DL frame structure, but during the transmitting/ receiving it can be operated in the slot structure of 100% UL duty cycle, we are proposing the conservative way to evaluate SAR at 100% duty cycle. For the purpose of test NR Band standalone SAR, and also test SAR level at 100% TX duty cycle.
- 6. For 5G NR Sub6GHz SISO Mode, SAR Test plan as below:
 - 1) For 5G NR NSA mode with the same UL EN_DC combination but different DL EN_DC combinations, eg: EN-DC configuration: UL DC_7A_n5 (UL two bands) with DL DC_7C_n5 (DL two bands)
- a) The UL EN-DC configuration, including the Tx antenna configuration, RF path, the channel bandwidth and other operating parameters are the same.
- b) The maximum output power, including tolerance, for the UL EN-DC configuration with DL two or more bands must be ≤ the same UL EN-DC configuration with DL two bands only to qualify for the SAR test exclusion.
- 7. For EN-DC SAR, as the existing SAR test system cannot test the multiple different frequency bands simultaneous Transmission SAR at the same time, we suggest that the conservative "max + max" multi-Tx and SAR scaling method can be used to evaluate the inter-band Uplink EN-DC SAR from standalone SAR test results of each LTE and NR EN-DC component band and the conservative "max + max" multi-Tx method to combine the scaled SAR value from each EN-DC component band as the inter-band Uplink EN-DC SAR. All Simultaneous Transmission Scenarios will be evaluated independently in the final SAR report.
- 8. When the reported SAR for and EN DC configuration is greater than 1.2 W/kg, EN DC SAR is also required for other NR based test channels.
- 9. EN DC SAR is also required for standalone NR configurations greater than 1.2 W/kg when scaled to the EN DC power level.



Unless otherwise agreed in writing, 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.apx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Document.apx. 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 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 unlawfull and offenders may be prosecuted to the fullest extend of the law Luless 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.

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Plat Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路(号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 62 of 121

9 Test Result

9.1 Measurement of RF conducted Power

The detailed conducted power table can refer to Appendix E.

Note:

1) . For GSM SAR the time based average power is relevant. The difference in between depends on the duty cycle of the TDMA signal:

No. of timeslots	1	2	3	4
Duty Cycle	1:8.3	1:4.15	1:2.77	1:2.075
Time based avg. power compared to slotted avg. power	-9.19	-6.18	-4.42	-3.17

- 2) . The frame-averaged power is linearly proportion to the slot number configured and it is linearly scaled the maximum burst-averaged power based on time slots. The calculated method is shown as below:

 Frame-averaged power = 10 x log (Burst-averaged power mW x Slot used / 8
- 3) . When the maximum output power variation across the required test channels is > ½ dB, instead of the middle channel, the highest output power channel must be used
- 4) . According to FCC guidance, the output power with uplink CA active was measured for the high / middle / low channel configuration with the highest reported SAR for each exposure condition, the power was measured with wideband signal integration over both component carriers.
- 5) . In applying the power measurement procedures of KDB 941225 D05A for DL CA to qualify for UL SAR test exclusion, power measurement is required only for the subset in each row with the largest combination of frequency bands and CCs.
- 6) . Maximum output power measurement is required for each UL CA configuration for the required test channels described in KDB 941225 D05.
- 7) . Conducted power measurement results of downlink LTE carrier aggregation are provided to quantify downlink only carrier aggregation SAR test exclusion per KDB 941225 D05A.Uplink maximum output power is measured with downlink carrier aggregation active, using the channel with highest measured maximum output power when downlink carrier aggregation is inactive, to confirm that when downlink carrier aggregation is active uplink maximum output power remains within the specified tune-up tolerance limits and not more than ¼ dB higher than the maximum output power measured when downlink carrier aggregation inactive, therefore SAR evaluation with downlink carrier aggregation can be excluded.
 - The possible downlink LTE CA combinations supported by this device are as below tables per 3GPP TS 36.101 V15.4.0. The detailed conducted power measurement results of downlink LTE CA are provided in the SAR report per 3GPP TS 36.521-1 V14.4.0. According to KDB 941225 D05A, the downlink only carrier aggregation conditions for this device can be excluded from SAR testing.
 - The conducted power measurement results of downlink LTE CA Conducted Power are as Appendix E conducted RF output power, so the downlink only carrier aggregation conditions for this device can be excluded from SAR testing
- 8) . For conducted power of WIFI must be measured at each transmit antenna port according to the DSSS and OFDM transmission configurations in each standalone and aggregated frequency band. For each transmission mode configuration, power must be measured for the highest and lowest channels; and at the mid-band channel(s) when there are at least 3 channels. For configurations with multiple mid-band channels, due to an even number of channels, both channels should be measured. Power measurement is required for the transmission mode configuration with the highest maximum output power specified for production units.



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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) 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: CND occheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路(号的6号厂房南部 邮编: 215000

t (86–512) 62992980



Report No.: SEWM2308000313RG10

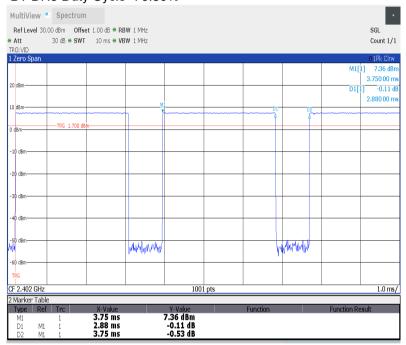
Rev.: 01

Page: 63 of 121

1) When the same highest maximum output power specification applies to multiple transmission modes, the largest channel bandwidth configuration with the lowest order modulation and lowest data rate is measured.

2) When the same highest maximum output power is specified for multiple largest channel bandwidth configurations with the same lowest order modulation or lowest order modulation and lowest data rate, power measurement is required for all equivalent 802.11 configurations with the same maximum output power.

9) . The conducted power of BT is measured with RMS detector. BT DH5 Duty Cycle=76.80%





Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at http://www.sas.com/en/Terms-and-Conditions.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sas.com/en/Terms-and-Conditions/Terms-e-Document.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues define 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,

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industria Park, Suchou Area, China (Jangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 64 of 121

9.2 Measurement of SAR Data

Note:

- 1) The maximum Scaled SAR value is select the worst presentation of the original report SEWM2304000137RG09 and this report. Graph results refer to Appendix B.
- 2) Per KDB447498 D01, testing of other required channels within the operating mode of a frequency band is not required when the reported 1-g or 10-g SAR for the mid-band or highest output power channel is:
 - ≤ 0.8W/kg for 1-g or 2.0W/kg for 10-g respectively, when the transmission band is ≤ 100MHz.
 - ≤ 0.6 W/kg or 1.5 W/kg, for 1-g or 10-g respectively, when the transmission band is between 100 MHz and 200 MHz.
 - ≤ 0.4 W/kg or 1.0 W/kg, for 1-g or 10-g respectively, when the transmission band is ≥ 200 MHz.
- 3) Maximum bandwidth does not support at least three non-overlapping channels in certain channel bandwidths. When a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.
- 4) The simultaneous transmission is reduced by XdB (the power reduced refer to RF Conducted Power section), therefore, those SAR is estimated based on standalone results.
- 5) For GSM band, when multiple slots can be used, SAR should be tested to account for the maximum source-based time-averaged output power.

WiFi 2.4G:

 When the highest reported SAR for the initial test configuration is adjusted by the ratio of the subsequent test configuration to initial test configuration specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, SAR test for the other 802.11 modes are not required.

WiFi 5G:

- When the same maximum output power is specified for both bands, begin SAR measurement in U-NII-2A band by applying the OFDM SAR requirements. As the highest reported SAR for a test configuration is ≤ 1.2 W/kg, SAR is not required for U-NII-1 band for that configuration.
- 2) For Wi-Fi 5G, U-NII-2A (5250-5350 MHz) and U-NII-2C (5470-5725 MHz) bands does not support hotspot function.
- 3) When the highest reported SAR for the initial test configuration is adjusted by the ratio of the subsequent test configuration to initial test configuration specified maximum output power and the adjusted SAR is ≤ 1.2 W/kg, SAR test for the other 802.11 modes are not required.

NFC:

- 1) NFC SAR is measured for all edges and surfaces of the device.
- 2) NFC 13.56MHz antenna por is not available on the device to support conducted power measurement, therefore the measured results are referred to as reported SAR.
- 3) NFC SAR test tissue-simulating liquid parameter refer to IEC/IEEE 62209-1528 2020.



Unless otherwise agreed in writing, 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.apx and, for electronic format documents, subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-a-Document.apx. 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 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 unlawfull and offenders may be prosecuted to the fullest extend of the law Luless 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.

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industria Park, Suchou Area, China (Jangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980

sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 65 of 121

9.2.1 SAR Result of GSM850

_	_		GS	M850 SAR	Test Reco	rd				
				Ant 1 Tes	t Record					
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
				Head Te	st Data					
Left cheek	GPRS 4TS	190/836.6	1:2.075	0.213	0.02	26.73	28.30	1.435	0.306	22.3
Left tilted	GPRS 4TS	190/836.6	1:2.075	0.095	-0.19	26.73	28.30	1.435	0.136	22.3
Right cheek	GPRS 4TS	190/836.6	1:2.075	0.243	0.02	26.73	28.30	1.435	0.349	22.3
Right tilted	GPRS 4TS	190/836.6	1:2.075	0.117	0.08	26.73	28.30	1.435	0.168	22.3
			Body wo	orn Test data	a(Separate	15mm)				
Front side	GPRS 4TS	190/836.6	1:2.075	0.201	-0.14	26.73	28.30	1.435	0.289	22.3
Back side	GPRS 4TS	190/836.6	1:2.075	0.358	0.04	26.73	28.30	1.435	0.514	22.3
			Hotspo	ot Test data(Separate 1	0mm)				
Front side	GPRS 4TS	190/836.6	1:2.075	0.371	-0.07	26.73	28.30	1.435	0.533	22.3
Back side	GPRS 4TS	190/836.6	1:2.075	0.714	-0.05	26.73	28.30	1.435	1.025	22.3
Back side	GPRS 4TS	128/824.2	1:2.075	0.662	-0.09	26.70	28.30	1.445	0.957	22.3
Back side	GPRS 4TS	251/848.8	1:2.075	0.607	0.05	26.67	28.30	1.455	0.883	22.3
Left side	GPRS 4TS	190/836.6	1:2.075	0.210	-0.09	26.73	28.30	1.435	0.301	22.3
Right side	GPRS 4TS	190/836.6	1:2.075	0.274	0.17	26.73	28.30	1.435	0.393	22.3
Bottom side	GPRS 4TS	190/836.6	1:2.075	0.379	0.19	26.73	28.30	1.435	0.544	22.3

Table 11: SAR of GSM850 for Head and Body.

9.2.2 SAR Result of GSM1900

			GS	M1900 SAR	Test Recor	d				
				Ant 2 Test	Record					
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g		Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
				Head Te	st Data					
Left cheek	GPRS 4TS	661/1880	1:2.075	0.135	0.07	23.63	25.30	1.469	0.198	22.3
Left tilted	GPRS 4TS	661/1880	1:2.075	0.087	-0.07	23.63	25.30	1.469	0.128	22.3
Right cheek	GPRS 4TS	661/1880	1:2.075	0.093	-0.02	23.63	25.30	1.469	0.137	22.3
Right tilted	GPRS 4TS	661/1880	1:2.075	0.092	0.05	23.63	25.30	1.469	0.135	22.3
			Body w	orn Test data	a(Separate 1	5mm)				
Front side	GPRS 4TS	661/1880	1:2.075	0.157	0.10	23.63	25.30	1.469	0.231	22.3
Back side	GPRS 4TS	661/1880	1:2.075	0.236	0.04	23.63	25.30	1.469	0.347	22.3
			Hotsp	ot Test data(Separate 10	mm)				
Front side	GPRS 4TS	661/1880	1:2.075	0.283	0.16	23.63	25.30	1.469	0.416	22.3
Back side	GPRS 4TS	661/1880	1:2.075	0.465	0.04	23.63	25.30	1.469	0.683	22.3
Left side	GPRS 4TS	661/1880	1:2.075	0.264	0.09	23.63	25.30	1.469	0.388	22.3
Bottom side	GPRS 4TS	661/1880	1:2.075	0.331	0.07	23.63	25.30	1.469	0.486	22.3

Table 12: SAR of GSM1900 for Head and Body.



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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) 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: CND.occheck@gs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 66 of 121

9.2.3 SAR Result of WCDMA Band II

			V	B2 SAR T	est Record					
				Ant 2 Tes	t Record					
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	•	Scaled factor	Scaled SAR 1- g (W/kg)	Liquid Temp.(℃)
				Head Te	st Data					
Left cheek	RMC	9400/1880	1:1	0.169	0.05	22.93	23.80	1.222	0.206	22.3
Left tilted	RMC	9400/1880	1:1	0.104	-0.09	22.93	23.80	1.222	0.127	22.3
Right cheek	RMC	9400/1880	1:1	0.131	0.09	22.93	23.80	1.222	0.160	22.3
Right tilted	RMC	9400/1880	1:1	0.109	0.11	22.93	23.80	1.222	0.133	22.3
			Body wo	rn Test data	a(Separate 15	imm)				
Front side	RMC	9400/1880	1:1	0.196	-0.05	22.93	23.80	1.222	0.239	22.3
Back side	RMC	9400/1880	1:1	0.321	0.02	22.93	23.80	1.222	0.392	22.3
			Hotspo	t Test data(Separate 10m	nm)				
Front side	RMC	9400/1880	1:1	0.341	0.18	22.93	23.80	1.222	0.417	22.3
Back side	RMC	9400/1880	1:1	0.614	0.01	22.93	23.80	1.222	0.750	22.3
Left side	RMC	9400/1880	1:1	0.232	-0.05	22.93	23.80	1.222	0.283	22.3
Bottom side	RMC	9400/1880	1:1	0.312	0.04	22.93	23.80	1.222	0.381	22.3

Table 13: SAR of WCDMA Band II for Head and Body.

9.2.4 SAR Result of WCDMA Band IV

				W B4 SAR 1	Test Record					
				Ant 2 Tes						
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g		Conducted Power(dBm)			Scaled SAR 1- g (W/kg)	Liquid Temp.(℃)
				Head Te	est Data					
Left cheek	RMC	1412/1732.4	1:1	0.094	-0.07	23.00	23.80	1.202	0.113	22.2
Left tilted	RMC	1412/1732.4	1:1	0.080	0.08	23.00	23.80	1.202	0.096	22.2
Right cheek	RMC	1412/1732.4	1:1	0.116	0.18	23.00	23.80	1.202	0.139	22.2
Right tilted	RMC	1412/1732.4	1:1	0.087	0.05	23.00	23.80	1.202	0.105	22.2
			Body	worn Test dat	ta(Separate 1	5mm)				
Front side	RMC	1412/1732.4	1:1	0.148	0.08	23.00	23.80	1.202	0.178	22.2
Back side	RMC	1412/1732.4	1:1	0.208	-0.02	23.00	23.80	1.202	0.250	22.2
			Hots	spot Test data	(Separate 10	mm)				
Front side	RMC	1412/1732.4	1:1	0.248	-0.06	23.00	23.80	1.202	0.298	22.2
Back side	RMC	1412/1732.4	1:1	0.470	-0.01	23.00	23.80	1.202	0.565	22.2
Left side	RMC	1412/1732.4	1:1	0.264	-0.15	23.00	23.80	1.202	0.317	22.2
Bottom side	RMC	1412/1732.4	1:1	0.280	0.04	23.00	23.80	1.202	0.337	22.2

Table 14: SAR of WCDMA Band IV for Head and Body.



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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) 83071443, or email: CM.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 t (86–512) 62992980



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 67 of 121

9.2.5 SAR Result of WCDMA Band V

				W B5 SAR	Test Reco	ord						
				Ant 1 To	est Record							
Test position	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)		
				Head [·]	Test Data							
Left cheek RMC 4182/836.4 1:1 0.163 -0.13 22.87 23.80 1.239 0.202 22.3												
Left tilted RMC 4182/836.4 1:1 0.095 -0.15 22.87 23.80 1.239 0.118 22.3												
Right cheek	RMC	4182/836.4	1:1	0.177	0.04	22.87	23.80	1.239	0.219	22.3		
Right tilted	RMC	4182/836.4	1:1	0.105	-0.02	22.87	23.80	1.239	0.130	22.3		
			Body	worn Test d	ata(Separa	te 15mm)						
Front side	RMC	4182/836.4	1:1	0.176	0.05	22.87	23.80	1.239	0.218	22.3		
Back side	RMC	4182/836.4	1:1	0.257	0.04	22.87	23.80	1.239	0.318	22.3		
			Hots	spot Test da	ta(Separate	e 10mm)						
Front side	RMC	4182/836.4	1:1	0.278	-0.10	22.87	23.80	1.239	0.344	22.3		
Back side	RMC	4182/836.4	1:1	0.538	0.03	22.87	23.80	1.239	0.666	22.3		
Left side	RMC	4182/836.4	1:1	0.072	-0.04	22.87	23.80	1.239	0.089	22.3		
Right side	RMC	4182/836.4	1:1	0.207	-0.01	22.87	23.80	1.239	0.256	22.3		
Bottom side	RMC	4182/836.4	1:1	0.212	0.18	22.87	23.80	1.239	0.263	22.3		

Table 15: SAR of WCDMA Band V for Head and Body.

9.2.6 SAR Result of LTE Band 2

9.2.6 SAR RE	:5u	IL OI LIE	Dallu Z								
				LTE Ban	d 2 SAR T	est Reco	ord				
				An	t 2 Test R	ecord					
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
		·		Hea	d Test Dat	a(1RB)			,		
Left cheek	20	QPSK 1_0	18900/1880	1:1	0.131	-0.04	22.55	23.10	1.135	0.149	22.3
Left tilted	20	QPSK 1_0	18900/1880	1:1	0.091	-0.09	22.55	23.10	1.135	0.103	22.3
Right cheek	20	QPSK 1_0	18900/1880	1:1	0.094	0.05	22.55	23.10	1.135	0.107	22.3
Right tilted	20	QPSK 1_0	18900/1880	1:1	0.091	-0.17	22.55	23.10	1.135	0.103	22.3
Left cheek for ENDC	20	QPSK 1_0	18900/1880	1:1	0.132	0.04	23.42	24.30	1.225	0.162	22.3
				Head	Test Data	(50%RB)					
Left cheek	20	QPSK 50_0	18900/1880	1:1	0.108	0.05	21.65	22.10	1.109	0.120	22.3
Left tilted	20	QPSK 50_0	18900/1880	1:1	0.070	0.12	21.65	22.10	1.109	0.078	22.3
Right cheek	20	QPSK 50_0	18900/1880	1:1	0.079	0.13	21.65	22.10	1.109	0.088	22.3
Right tilted	20	QPSK 50_0	18900/1880	1:1	0.078	0.02	21.65	22.10	1.109	0.087	22.3
			Body	worn Tes	st data(Sep	arate 15	mm 1RB)				
Front side	20	QPSK 1_0	18900/1880	1:1	0.192	0.08	22.55	23.10	1.135	0.218	22.3
Back side	20	QPSK 1_0	18900/1880	1:1	0.210	0.01	22.55	23.10	1.135	0.238	22.3
			Body w	orn Test	data(Sepa	rate 15m	m 50%RB)				
Front side	20	QPSK 50_0	18900/1880	1:1	0.163	0.05	21.65	22.10	1.109	0.181	22.3
Back side	20	QPSK 50_0	18900/1880	1:1	0.259	0.06	21.65	22.10	1.109	0.287	22.3
Back side for ENDC	20	QPSK 50_0	18900/1880	1:1	0.242	0.11	22.47	23.30	1.211	0.293	22.3
			Hots	pot Test	data(Sepa	rate 10m	m 1RB)				
Front side	20	QPSK 1_0	18900/1880	1:1	0.339	0.19	22.55	23.10	1.135	0.385	22.3
Back side	20	QPSK 1_0	18900/1880	1:1	0.562	-0.01	22.55	23.10	1.135	0.638	22.3
Left side	20	QPSK 1_0	18900/1880	1:1	0.305	-0.04	22.55	23.10	1.135	0.346	22.3
Bottom side	20	QPSK 1_0	18900/1880	1:1	0.320	-0.09	22.55	23.10	1.135	0.363	22.3
Back side for ENDC	20	QPSK 1_0	18900/1880	1:1	0.574	-0.09	23.42	24.30	1.225	0.703	22.3



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indeminification 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 faistification 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) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-75) 8307 1443, or email: CM.Doccheck@esgs.com

South of No. 6 Pent, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone
中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 68 of 121

			Hotsno	nt Test da	ata(Separa	ite 10mm	50%RB)				
Front side	20	QPSK 50 0	18900/1880	1:1	0.279	0.17	21.65	22.10	1.109	0.309	22.3
Back side	20	QPSK 50 0	18900/1880	1:1	0.471	-0.18	21.65	22.10	1.109	0.522	22.3
Left side	20	QPSK 50 0	18900/1880	1:1	0.234	-0.11	21.65	22.10	1.109	0.260	22.3
Bottom side	20	QPSK 50 0	18900/1880	1:1	0.274	-0.05	21.65	22.10	1.109	0.304	22.3
		_		An	t 3 Test R	ecord					
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
				Hea	d Test Dat	a(1RB)					
Left cheek	20	QPSK 1_0	18900/1880	1:1	0.648	-0.01	20.09	20.80	1.178	0.763	22.3
Left tilted	20	QPSK 1_0	18900/1880	1:1	0.660	-0.01	20.09	20.80	1.178	0.777	22.3
Right cheek	20	QPSK 1_0	18900/1880	1:1	0.990	0.05	20.09	20.80	1.178	1.166	22.3
Right cheek-reoeated		QPSK 1_0	18900/1880	1:1	0.984	0.03	20.09	20.80	1.178	1.159	22.3
Right cheek	20	QPSK 1_0	18700/1860	1:1	0.926	0.11	19.89	20.80	1.233	1.142	22.3
Right cheek	20	QPSK 1_0	19100/1900	1:1	0.943	-0.09	19.93	20.80	1.222	1.152	22.3
Right tilted	20	QPSK 1_0	18900/1880	1:1	0.949	0.04	20.09	20.80	1.178	1.118	22.3
Right tilted	20	QPSK 1_0	18700/1860	1:1	0.912	0.07	19.89	20.80	1.233	1.125	22.3
Right tilted	20	QPSK 1_0	19100/1900	1:1	0.925	-0.02	19.93	20.80	1.222	1.130	22.3
		00011 50 0			Test Data		10.00		4.00=	0.505	22.2
Left cheek	20	QPSK 50_0	18900/1880	1:1	0.444	-0.09	19.99	20.80	1.205	0.535	22.3
Left tilted	20	QPSK 50_0	18900/1880	1:1	0.526	-0.12	19.99	20.80	1.205	0.634	22.3
Right cheek	20	QPSK 50_0	18900/1880	1:1	0.782	-0.18	19.99	20.80	1.205	0.942	22.3
Right cheek	20	QPSK 50_0	18700/1860	1:1	0.726	0.11	19.88	20.80	1.236	0.897	22.3
Right cheek	20	QPSK 50_0	19100/1900	1:1	0.743	0.03	19.84	20.80	1.247	0.927	22.3
Right tilted	20	QPSK 50_0	18900/1880	1:1	0.945	-0.01	19.99	20.80	1.205	1.139	22.3
Right tilted	20	QPSK 50_0 QPSK 50_0	18700/1860	1:1 1:1	0.901 0.933	0.09	19.88 19.84	20.80	1.236 1.247	1.114	22.3
Right tilted	20	QF3K 50_0	19100/1900		Test Data(20.00	1.247	1.164	22.3
Right cheek	20	QPSK 100 0	18900/1880	1:1	0.786	0.01	20.01	20.80	1.199	0.943	22.3
Right tilted	20	QPSK 100_0		1:1	0.733	-0.01	20.01	20.80	1.199	0.879	22.3
ragin tined	1 20	Q1 010 100_0			st data(Ser			20.00	1.100	0.073	22.0
Front side	20	QPSK 1 0	18900/1880	1:1	0.338	-0.07	23.54	24.30	1.191	0.403	22.3
Back side	20	QPSK 1_0	18900/1880	1:1	0.714	0.01	23.54	24.30	1.191	0.851	22.3
Back side	20	QPSK 1 0	18700/1860	1:1	0.683	-0.06	23.42	24.30	1.225	0.836	22.3
Back side	20	QPSK 1_0	19100/1900	1:1	0.691	0.01	23.44	24.30	1.219	0.842	22.3
							m 50%RB)				
Front side	20	QPSK 50 0	18900/1880	1:1	0.278	0.03	22.64	23.30	1.164	0.324	22.3
Back side	20	QPSK 50 0	18900/1880	1:1	0.553	0.09	22.64	23.30	1.164	0.644	22.3
		<u> </u>					n 100%RB)				
Back side	20	QPSK 100 0		1:1	0.635	0.02	22.60	23.30	1.175	0.746	22.3
				oot Test	data(Sepa	rate 10mi					
Front side	20	QPSK 1_0	18900/1880	1:1	0.509	0.09	22.59	23.30	1.178	0.599	22.3
Back side	20	QPSK 1_0	18900/1880	1:1	1.030	-0.05	22.59	23.30	1.178	1.213	22.3
Back side	20	QPSK 1_0	18700/1860	1:1	0.999	-0.14	22.53	23.30	1.194	1.193	22.3
Back side	20	QPSK 1_0	19100/1900	1:1	1.010	0.18	22.57	23.30	1.183	1.195	22.3
Left side	20	QPSK 1_0	18900/1880	1:1	0.248	0.03	22.59	23.30	1.178	0.292	22.3
Top side	20	QPSK 1_0	18900/1880	1:1	0.890	0.08	22.59	23.30	1.178	1.048	22.3
Top side	20	QPSK 1_0	18700/1860	1:1	0.863	0.09	22.53	23.30	1.194	1.030	22.3
Top side	20	QPSK 1_0	19100/1900	1:1	0.882	0.07	22.57	23.30	1.183	1.043	22.3
				t Test da	ata(Separa	ite 10mm					
Front side	20	QPSK 50_0	18900/1880	1:1	0.404	0.09	22.58	23.30	1.180	0.477	22.3
Back side	20	QPSK 50_0		1:1	1.000	-0.01	22.58	23.30	1.180	1.180	22.3
Back side	20	QPSK 50_0		1:1	0.986	-0.10	22.51	23.30	1.199	1.183	22.3
Back side	20	QPSK 50_0	19100/1900	1:1	0.989	0.05	22.48	23.30	1.208	1.195	22.3



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indeminification 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 faistification 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) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-75) 8307 1443, or email: CM.Doccheck@esgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pllot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜裔1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 sg



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 69 of 121

Left side	20	QPSK 50_0	18900/1880	1:1	0.178	0.01	22.58	23.30	1.180	0.210	22.3
Top side	20	QPSK 50_0	18900/1880	1:1	0.675	-0.15	22.58	23.30	1.180	0.797	22.3
			Hotspo	t Test da	ta(Separat	e 10mm	100%RB)				
Back side	20	QPSK 100_0	18900/1880	1:1	1.010	-0.01	22.57	23.30	1.183	1.195	22.3
Top side	20	QPSK 100_0	18900/1880	1:1	0.671	-0.15	22.57	23.30	1.183	0.794	22.3
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 10-g (W/kg)	Liquid Temp.(℃)
			Product spec	ific 10gS	AR Test d	ata(Sepa	rate 0mm 1RE	3)			
Back side	20	QPSK 1_0	18900/1880	1:1	1.500	-0.05	23.54	24.30	1.191	1.787	22.3
Top side	20	QPSK 1_0	18900/1880	1:1	1.380	-0.02	23.54	24.30	1.191	1.644	22.3
			Product specif	ic 10gSA	R Test dat	a(Separa	ite 0mm 50%F	RB)			
Back side	20	QPSK 50_0	18900/1880	1:1	1.180	0.13	22.64	23.30	1.164	1.374	22.3
Top side	20	QPSK 50 0	18900/1880	1:1	1.170	0.02	22.64	23.30	1.164	1.362	22.3

Table 16: SAR of LTE Band 2 for Head and Body.

Test Position	Channel/ Frequency	Measured SAR	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
	(MHz)	(1g)	SAR (1g)		SAR (1g)	SAR (1g)
Right cheek	18900/1880	0.990	0.984	1.006097561	N/A	N/A

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.

2) A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).

9.2.7 SAR Result of LTE Band 5

				LTE B	and 5 SAI	R Test Re	cord				
					Test Reco						
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
				Н	lead Test D	Data(1RB)					
Right cheek	10	QPSK 1_0	20501+20600 /834.1+844	1:1	0.168	0.05	23.73	24.80	1.279	0.215	22.4
			Е	Body worn	Test data(S	Separate 1	5mm 1RB)				
Back side	10	QPSK 1_0	20501+20600 /834.1+844	1:1	0.236	0.03	23.73	24.80	1.279	0.302	22.4
		•		Hotspot Te	est data(Se	parate 10	mm 1RB)				
Back side	10	QPSK 1_0	20501+20600 /834.1+844	1:1	0.705	0.01	23.73	24.80	1.279	0.902	22.4
					Ant 3 Test	Record					
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
				Н	lead Test [Data(1RB)					
Left cheek	10	QPSK 1_0	20525/836.5	1:1	0.649	-0.04	23.96	24.80	1.213	0.787	22.3
Left tilted	10	QPSK 1_0	20525/836.5	1:1	0.373	0.19	23.96	24.80	1.213	0.453	22.3
Right cheek	10	QPSK 1_0	20525/836.5	1:1	0.725	-0.15	23.96	24.80	1.213	0.880	22.3
Right tilted	10	QPSK 1_0	20525/836.5	1:1	0.426	0.13	23.96	24.80	1.213	0.517	22.3
				He	ad Test Da	ata(50%RE	/				
Left cheek	10	QPSK 25_0	20525/836.5	1:1	0.561	0.13	23.13	23.80	1.167	0.655	22.3
Left tilted	10	QPSK 25_0		1:1	0.326	0.07	23.13	23.80	1.167	0.380	22.3
Right cheek	10	QPSK 25_0	20525/836.5	1:1	0.613	0.13	23.13	23.80	1.167	0.715	22.3



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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) 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: CND.occheck@gs.com

South of No. 6 Plant, No. 1, Runshang Road, Suchou Industrial Park, Suchou Area, China (Jiangsu) Plot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州上区苏州工业园区洞胜路1号的6号厂房南部 邮编: 215000

³⁾ A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

⁴⁾ Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 70 of 121

Right tilted	10	QPSK 25_0	20525/836.5	1:1	0.370	-0.13	23.13	23.80	1.167	0.432	22.3
				Hea	ad Test Dat	a(100%RE	3)				
Right cheek	10	QPSK 50_0	20525/836.5	1:1	0.605	0.04	23.13	23.80	1.167	0.706	22.3
			E	Body worn	Test data(S	Separate 1	5mm 1RB)				
Front side	10	QPSK 1_0	20525/836.5	1:1	0.081	0.08	23.96	24.80	1.213	0.098	22.3
Back side	10	QPSK 1_0	20525/836.5	1:1	0.128	0.07	23.96	24.80	1.213	0.155	22.3
			Вс	dy worn Te	est data(Se	parate 15r	nm 50%RB)				
Front side	10	QPSK 25_0	20525/836.5	1:1	0.065	-0.06	23.13	23.80	1.167	0.076	22.3
Back side	10	QPSK 25_0	20525/836.5	1:1	0.098	-0.14	23.13	23.80	1.167	0.114	22.3
				Hotspot Te	est data(Se	parate 10n	nm 1RB)				
Front side	10	QPSK 1_0	20525/836.5	1:1	0.148	0.13	23.96	24.80	1.213	0.180	22.3
Back side	10	QPSK 1_0	20525/836.5	1:1	0.268	0.09	23.96	24.80	1.213	0.325	22.3
Left side	10	QPSK 1_0	20525/836.5	1:1	0.077	0.10	23.96	24.80	1.213	0.093	22.3
Top side	10	QPSK 1_0	20525/836.5	1:1	0.193	-0.05	23.96	24.80	1.213	0.234	22.3
			F	lotspot Tes	t data(Sepa	arate 10mr	n 50%RB)				
Front side	10	QPSK 25_0	20525/836.5	1:1	0.119	-0.12	23.13	23.80	1.167	0.139	22.3
Back side	10	QPSK 25_0	20525/836.5	1:1	0.241	0.06	23.13	23.80	1.167	0.281	22.3
Left side	10	QPSK 25_0	20525/836.5	1:1	0.063	-0.02	23.13	23.80	1.167	0.074	22.3
Top side	10	QPSK 25_0	20525/836.5	1:1	0.138	-0.19	23.13	23.80	1.167	0.161	22.3
T 11 47 04		TE D									

Table 17: SAR of LTE Band 5 for Head and Body.

9.2.8 SAR Result of LTE Band 12

				LTE B	and 12 SA	R Test Re	ecord				
					Ant 1 Test	Record					
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
				Н	lead Test D	Data(1RB)					
Left cheek	10	QPSK 1_0	23095/707.5	1:1	0.131	0.02	23.89	24.80	1.233	0.162	22.3
Left tilted	10	QPSK 1_0	23095/707.5	1:1	0.069	-0.13	23.89	24.80	1.233	0.085	22.3
Right cheek	10	QPSK 1_0	23095/707.5	1:1	0.151	0.02	23.89	24.80	1.233	0.186	22.3
Right tilted	10	QPSK 1_0	23095/707.5	1:1	0.074	0.05	23.89	24.80	1.233	0.091	22.3
				He	ad Test Da	ta(50%RE	3)				
Left cheek	10	QPSK 25_0	23095/707.5	1:1	0.104	-0.14	22.93	23.80	1.222	0.127	22.3
Left tilted	10	QPSK 25_0	23095/707.5	1:1	0.056	-0.02	22.93	23.80	1.222	0.068	22.3
Right cheek	10	QPSK 25_0	23095/707.5	1:1	0.118	0.04	22.93	23.80	1.222	0.144	22.3
Right tilted	10	QPSK 25_0	23095/707.5	1:1	0.058	0.07	22.93	23.80	1.222	0.071	22.3
			E	Body worn	Test data(S	Separate 1	5mm 1RB)				
Front side	10	QPSK 1_0	23095/707.5	1:1	0.182	0.09	23.89	24.80	1.233	0.224	22.3
Back side	10	QPSK 1_0	23095/707.5	1:1	0.249	0.02	23.89	24.80	1.233	0.307	22.3
				dy worn Te	est data(Se	parate 15	mm 50%RB)				
Front side	10	QPSK 25_0	23095/707.5	1:1	0.143	0.02	22.93	23.80	1.222	0.175	22.3
Back side	10	QPSK 25_0	23095/707.5	1:1	0.201	-0.14	22.93	23.80	1.222	0.246	22.3
				Hotspot Te	est data(Se	parate 10r	mm 1RB)				
Front side	10	QPSK 1_0	23095/707.5	1:1	0.239	0.01	23.89	24.80	1.233	0.295	22.3
Back side	10	QPSK 1_0	23095/707.5	1:1	0.438	-0.02	23.89	24.80	1.233	0.540	22.3
Left side	10	QPSK 1_0	23095/707.5	1:1	0.150	-0.14	23.89	24.80	1.233	0.185	22.3
Rightt side	10	QPSK 1_0	23095/707.5	1:1	0.267	-0.06	23.89	24.80	1.233	0.329	22.3
Bottom side	10	QPSK 1_0	23095/707.5	1:1	0.215	0.17	23.89	24.80	1.233	0.265	22.3
			Н	otspot Tes	t data(Sepa	arate 10m	m 50%RB)				
Front side	10	QPSK 25_0	23095/707.5	1:1	0.188	0.01	22.93	23.80	1.222	0.230	22.3
Back side	10	QPSK 25_0	23095/707.5	1:1	0.371	-0.04	22.93	23.80	1.222	0.453	22.3
Left side	10	QPSK 25_0	23095/707.5	1:1	0.072	0.01	22.93	23.80	1.222	0.088	22.3



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indeminification 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 faistification 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) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-75) 8307 1443, or email: CM.Doccheck@esgs.com

South of No. 6 Pent, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone
中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 71 of 121

Rightt side	10	QPSK 25_0	23095/707.5	1:1	0.140	-0.16	22.93	23.80	1.222	0.171	22.3
Bottom side	10	QPSK 25_0	23095/707.5	1:1	0.201	0.09	22.93	23.80	1.222	0.246	22.3

Table 18: SAR of LTE Band 12 for Head and Body.

9.2.9 SAR Result of LTE Band 14

				LTE B	and 14 SA	R Test Re	cord				
					Ant 1 Test	Record					
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
				Н	lead Test D	Data(1RB)					
Left cheek	10	QPSK 1_0	23330/793	1:1	0.175	0.03	24.09	24.80	1.178	0.206	22.3
Left tilted	10	QPSK 1_0	23330/793	1:1	0.110	-0.05	24.09	24.80	1.178	0.130	22.3
Right cheek	10	QPSK 1_0	23330/793	1:1	0.188	0.01	24.09	24.80	1.178	0.221	22.3
Right tilted	10	QPSK 1_0	23330/793	1:1	0.110	0.15	24.09	24.80	1.178	0.130	22.3
				He	ad Test Da	ita(50%RE	3)				
Left cheek	10	QPSK 25_0	23330/793	1:1	0.144	0.17	23.16	23.80	1.160	0.167	22.3
Left tilted	10	QPSK 25_0	23330/793	1:1	0.092	-0.09	23.16	23.80	1.160	0.107	22.3
Right cheek	10	QPSK 25_0	23330/793	1:1	0.151	0.06	23.16	23.80	1.160	0.175	22.3
Right tilted	10	QPSK 25_0	23330/793	1:1	0.090	-0.19	23.16	23.80	1.160	0.104	22.3
			В	Body worn ⁻	Test data(S	Separate 1	5mm 1RB)				
Front side	10	QPSK 1_0	23330/793	1:1	0.214	0.02	24.09	24.80	1.178	0.252	22.3
Back side	10	QPSK 1_0	23330/793	1:1	0.301	0.02	24.09	24.80	1.178	0.354	22.3
			Во	dy worn Te	est data(Se	parate 15ı	mm 50%RB)				
Front side	10	QPSK 25_0	23330/793	1:1	0.174	0.05	23.16	23.80	1.160	0.202	22.3
Back side	10	QPSK 25_0	23330/793	1:1	0.240	0.04	23.16	23.80	1.160	0.278	22.3
				Hotspot Te	est data(Se	parate 10r	mm 1RB)				
Front side	10	QPSK 1_0	23330/793	1:1	0.262	0.12	24.09	24.80	1.178	0.309	22.3
Back side	10	QPSK 1_0	23330/793	1:1	0.476	0.03	24.09	24.80	1.178	0.561	22.3
Left side	10	QPSK 1_0	23330/793	1:1	0.111	-0.12	24.09	24.80	1.178	0.131	22.3
Rightt side	10	QPSK 1_0	23330/793	1:1	0.303	0.19	24.09	24.80	1.178	0.357	22.3
Bottom side	10	QPSK 1_0	23330/793	1:1	0.199	-0.16	24.09	24.80	1.178	0.234	22.3
			H	otspot Tes	t data(Sepa	arate 10m	m 50%RB)				
Front side	10	QPSK 25_0	23330/793	1:1	0.204	-0.09	23.16	23.80	1.160	0.237	22.3
Back side	10	QPSK 25_0	23330/793	1:1	0.371	-0.13	23.16	23.80	1.160	0.430	22.3
Left side	10	QPSK 25_0	23330/793	1:1	0.107	0.09	23.16	23.80	1.160	0.124	22.3
Rightt side	10	QPSK 25_0	23330/793	1:1	0.249	0.18	23.16	23.80	1.160	0.289	22.3
Bottom side	10	QPSK 25_0	23330/793	1:1	0.240	0.07	23.16	23.80	1.160	0.278	22.3

Table 19: SAR of LTE Band 14 for Head and Body.

9.2.10SAR Result of LTE Band 26

0. 2 .100/1	2.1707/11 1100dit 01 E1E Baila 20											
				LTE E	3and 26 S	AR Test R	lecord					
					Ant 1 Tes	t Record						
Test position BW. Test mode Test ch./Freq. Duty Cycle Cycle SAR (W/kg) 1-g Conducted (dB) Conducted Power(dBm) Conducted Factor Scaled SAR 1-g (W/kg) factor Scaled SAR 1-g (W/kg) Temp.(℃)												
				[Head Test	Data(1RB)					
Left cheek	15	QPSK 1_0	26865/831.5	1:1	0.186	-0.18	24.10	24.80	1.175	0.219	22.4	
Left tilted	15	QPSK 1_0	26865/831.5	1:1	0.100	0.06	24.10	24.80	1.175	0.117	22.4	
Right cheek	15	QPSK 1_0	26865/831.5	1:1	0.191	0.08	24.10	24.80	1.175	0.224	22.4	
Right tilted	Right tilted 15 QPSK 1_0 26865/831.5 1:1 0.100 -0.12 24.10 24.80 1.175 0.117 22.4											
	Head Test Data(50%RB)											



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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) 83071443, or email: CN.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pllot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜裔1号的6号厂房南部 邮编: 215000

t (86–512) 62992980



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 72 of 121

Left cheek	15	QPSK 36_0	26865/831.5	1:1	0.154	-0.06	23.17	23.80	1.156	0.178	22.4
Left tilted	15	QPSK 36_0	26865/831.5	1:1	0.088	0.10	23.17	23.80	1.156	0.102	22.4
Right cheek	15	QPSK 36_0	26865/831.5	1:1	0.162	0.13	23.17	23.80	1.156	0.187	22.4
Right tilted	15	QPSK 36_0	26865/831.5	1:1	0.088	-0.16	23.17	23.80	1.156	0.102	22.4
				Body worn	Test data	Separate	15mm 1RB)				
Front side	15	QPSK 1_0	26865/831.5	1:1	0.176	0.19	24.10	24.80	1.175	0.207	22.4
Back side	15	QPSK 1_0	26865/831.5	1:1	0.289	0.01	24.10	24.80	1.175	0.340	22.4
			В	ody worn T	est data(S	eparate 15	50%RB)				
Front side	15	QPSK 36_0	26865/831.5	1:1	0.150	0.18	23.17	23.80	1.156	0.173	22.4
Back side	15	QPSK 36_0	26865/831.5	1:1	0.239	0.03	23.17	23.80	1.156	0.276	22.4
				Hotspot T	est data(S	eparate 10	mm 1RB)				
Front side	15	QPSK 1_0	26865/831.5	1:1	0.358	-0.07	24.10	24.80	1.175	0.421	22.4
Back side	15	QPSK 1_0	26865/831.5	1:1	0.737	0.03	24.10	24.80	1.175	0.866	22.4
Left side	15	QPSK 1_0	26865/831.5	1:1	0.210	-0.19	24.10	24.80	1.176	0.247	22.4
Rightt side	15	QPSK 1_0	26865/831.5	1:1	0.297	0.00	24.10	24.80	1.176	0.349	22.4
Bottom side	15	QPSK 1_0	26865/831.5	1:1	0.338	0.19	24.10	24.80	1.176	0.398	22.4
			ŀ	Hotspot Te	st data(Se _l	parate 10n	nm 50%RB)				
Front side	15	QPSK 36_0	26865/831.5	1:1	0.299	0.02	23.17	23.80	1.156	0.346	22.4
Back side	15	QPSK 36_0	26865/831.5	1:1	0.554	-0.02	23.17	23.80	1.156	0.640	22.4
Left side	15	QPSK 36_0	26865/831.5	1:1	0.146	-0.14	23.17	23.80	1.156	0.169	22.4
Rightt side	15	QPSK 36_0	26865/831.5	1:1	0.250	-0.05	23.17	23.80	1.156	0.289	22.4
Bottom side	15	QPSK 36_0	26865/831.5	1:1	0.230	-0.02	23.17	23.80	1.156	0.266	22.4
	•	•	H	lotspot Tes	t data(Sep	arate 10m	m 100%RB)				
Back side	15	QPSK 75_0	26865/831.5	1:1	0.561	0.03	23.17	23.80	1.156	0.649	22.4
Table 20 CA	D - 4 I	TE D 100.5	or Hood and De								-

Table 20: SAR of LTE Band 26 for Head and Body.

9.2.11 SAR Result of LTE Band 30

LTE Band 30 SAR Test Record											
Ant 1 Test Record											
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Head Test Data(1RB)											
Left cheek	10	QPSK 1_0	27710/2310	1:1	0.004	0.14	22.66	23.00	1.081	0.004	22.1
Left tilted	10	QPSK 1_0	27710/2310	1:1	0.002	-0.06	22.66	23.00	1.081	0.002	22.1
Right cheek	10	QPSK 1_0	27710/2310	1:1	0.007	-0.04	22.66	23.00	1.081	0.008	22.1
Right tilted	10	QPSK 1_0	27710/2310	1:1	0.004	0.12	22.66	23.00	1.081	0.004	22.1
Head Test Data(50%RB)											
Left cheek	10	QPSK 25_0	27710/2310	1:1	0.003	0.14	21.69	22.00	1.074	0.003	22.1
Left tilted	10	QPSK 25_0	27710/2310	1:1	0.001	0.05	21.69	22.00	1.074	0.001	22.1
Right cheek	10	QPSK 25_0	27710/2310	1:1	0.005	0.01	21.69	22.00	1.074	0.005	22.1
Right tilted	10	QPSK 25_0	27710/2310	1:1	0.003	-0.04	21.69	22.00	1.074	0.003	22.1
Body worn Test data(Separate 15mm 1RB)											
Front side	10	QPSK 1_0	27710/2310	1:1	0.161	0.03	22.66	23.00	1.081	0.174	22.1
Back side	10	QPSK 1_0	27710/2310	1:1	0.749	-0.08	22.66	23.00	1.081	0.810	22.1
Body worn Test data(Separate 15mm 50%RB)											
Front side	10	QPSK 25_0	27710/2310	1:1	0.123	-0.05	21.69	22.00	1.074	0.132	22.1
Back side	10	QPSK 25_0	27710/2310	1:1	0.598	0.01	21.69	22.00	1.074	0.642	22.1
Body worn Test data(Separate 15mm 100%RB)											
Back side	10	QPSK 50_0	27710/2310	1:1	0.610	0.06	21.55	22.00	1.109	0.677	22.1
Hotspot Test data(Separate 10mm 1RB)											
Front side	10	QPSK 1_0	27710/2310	1:1	0.213	-0.01	21.93	22.50	1.140	0.243	22.1
Back side	10	QPSK 1_0	27710/2310	1:1	1.100	0.08	21.93	22.50	1.140	1.254	22.1



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined herein. 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) 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: CM.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州上区苏州工业园区洞胜路1号的6号厂房南部 鄉鄉。215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 73 of 121

Back side-repeated 10 OPSK 1.0 27710/2310 1:1 0.096 0.05 21.93 22.50 1.140 0.209 22.1												
Right side	Back side-repeated	10	QPSK 1_0	27710/2310	1:1	1.060	0.05	21.93	22.50	1.140	1.209	22.1
Bottom side	Left side	10	QPSK 1_0	27710/2310	1:1	0.019	-0.03	21.93	22.50	1.140	0.022	22.1
Hotspot Test data(Separate Tomm 50%RB)	Rightt side	10	QPSK 1_0	27710/2310	1:1	0.051	-0.09	21.93	22.50	1.140	0.058	22.1
Front side	Bottom side	10	QPSK 1_0	27710/2310	1:1	0.804	0.14	21.93	22.50	1.140	0.917	22.1
Back side				Hots	pot Test d	ata(Separa	ate 10mm	50%RB)				
Left side	Front side	10	QPSK 25_0	27710/2310	1:1	0.164	-0.09	21.58	22.00	1.102	0.181	22.1
Bottom side	Back side	10	QPSK 25_0	27710/2310	1:1	0.901	0.18	21.58	22.00	1.102	0.992	22.1
Back side	Left side	10	QPSK 25_0	27710/2310	1:1	0.017	0.16	21.58	22.00	1.102	0.019	22.1
Hotspot Test data Separate 10mm 100%RB	Rightt side	10	QPSK 25 0	27710/2310	1:1	0.071	0.14	21.58	22.00	1.102	0.078	22.1
Back side	Bottom side	10	QPSK 25_0	27710/2310	1:1	0.627	0.02	21.58	22.00	1.102	0.691	22.1
Bottom side				Hots	oot Test da	ita(Separa	te 10mm 1	100%RB)				
Test position BW. Test mode Test ch/Freq Duty Cycle W(Mg) 10-g Conducted drift (db) Conducted power(dBm) Conducted po	Back side	10	QPSK 50_0	27710/2310	1:1	0.920	-0.04	21.52	22.00	1.117	1.028	22.1
Test position	Bottom side	10	QPSK 50_0	27710/2310	1:1	0.656	-0.17	21.52	22.00	1.117	0.733	22.1
Test position BW						SVD	Dower					
Back side 10 QPSK 1_0 27710/2310 1:1 2.310 0.07 22.66 23.00 1.081 2.498 22.1	Test position	BW.	Test mode	Test ch./Frea.	Duty							-
Back side					Cycle			Power(dBm)	Limit(dBm)	factor		Temp.(*C)
Back side				Droduct on	ooifia 10as	AD Toot o	lata/Sapar	rata Omm 1DD	\		(VV/Kg)	
Back side 10	Pook side	10	OBSK 1 0					,		1 001	2 400	22.4
Back side 10												
Back side 10 QPSK 25 Q7710/2310 1:1 1.630 0.05 21.69 22.00 1.074 1.751 22.1	back side-repeated	10	QFSK I_U					l		1.001	2.412	22.1
Back side 10 QPSK 50_0 27710/2310 1:1 1.430 0.01 21.55 22.00 1.109 1.586 22.1	Dook oide	10	ODSK 25 O				_ ` _ '			1.074	1 751	22.4
Back side	back side	10	QPSK 25_0							1.074	1.751	22.1
Test position	Pook side	10	ODSK EU U							1 100	1 506	22.4
Test position	Dack Side	10	QF3K 50_0	21110/2310				21.55	22.00	1.109	1.560	22.1
Test position			I		All						Socied	
Head Test Data(1RB)	Test position	BW	Test mode	Test ch /Freg							SAR 1-a	Liquid
Head Test Data(1RB) Left cheek	root poortion		1001111040	1 001 011111 1041	Cycle			Power(dBm)	Limit(dBm)	factor	(\A//ka)	Temp.(℃)
Left tilted						ı ı-y	(ub)		, ,		(VV/KG)	
Left tilted					Hea						(vv/kg)	
Right tilted 10	Left cheek	10	QPSK 1 0	27710/2310		d Test Da	ta(1RB)	16.14	16.80	1.164		
Head Test Data(50%RB) Left cheek 10 QPSK 25 0 27710/2310 1:1 0.559 0.03 15.89 16.80 1.233 0.689 22.1					1:1	d Test Da 0.493	ta(1RB) -0.11				0.574	22.1
Left cheek 10 QPSK 25_0 27710/2310 1:1 0.559 0.03 15.89 16.80 1.233 0.689 22.1 Left tilted 10 QPSK 25_0 27710/2310 1:1 0.550 0.04 15.89 16.80 1.233 0.678 22.1 Right cheek 10 QPSK 25_0 27710/2310 1:1 0.795 -0.13 15.89 16.80 1.233 0.980 22.1 Right tilted 10 QPSK 25_0 27710/2310 1:1 0.869 -0.01 15.89 16.80 1.233 0.980 22.1 Head Test Data(100%RB) Right tilted 10 QPSK 50_0 27710/2310 1:1 0.809 0.08 15.96 16.80 1.213 0.982 22.1 Bright tilted 10 QPSK 50_0 27710/2310 1:1 0.858 0.11 15.96 16.80 1.213 0.982 22.1 Back side 10 QPSK 1_0 27710/23	Left tilted	10	QPSK 1_0	27710/2310	1:1 1:1	d Test Da 0.493 0.624	ta(1RB) -0.11 -0.18	16.14	16.80	1.164	0.574 0.726	22.1 22.1
Left tilted 10 QPSK 25_0 27710/2310 1:1 0.550 0.04 15.89 16.80 1.233 0.678 22.1 Right cheek 10 QPSK 25_0 27710/2310 1:1 0.795 -0.13 15.89 16.80 1.233 0.980 22.1 Right tilted 10 QPSK 25_0 27710/2310 1:1 0.869 -0.01 15.89 16.80 1.233 1.072 22.1 Head Test Data(100%RB) Right tilted 10 QPSK 50_0 27710/2310 1:1 0.809 0.08 15.96 16.80 1.213 0.982 22.1 Right tilted 10 QPSK 50_0 27710/2310 1:1 0.858 0.11 15.96 16.80 1.213 0.982 22.1 Body worn Test data(Separate 15mm 1RB) Front side 10 QPSK 1_0 27710/2310 1:1 0.851 -0.02 19.44 20.30 1.219 1.037 22.1	Left tilted Right cheek	10 10	QPSK 1_0 QPSK 1_0	27710/2310 27710/2310	1:1 1:1 1:1	0.493 0.624 0.903	ta(1RB) -0.11 -0.18 0.04	16.14 16.14	16.80 16.80	1.164 1.164	0.574 0.726 1.051	22.1 22.1 22.1
Right cheek 10 QPSK 25_0 27710/2310 1:1 0.795 -0.13 15.89 16.80 1.233 0.980 22.1 Right tilted 10 QPSK 25_0 27710/2310 1:1 0.869 -0.01 15.89 16.80 1.233 1.072 22.1 Head Test Data(100%RB) Right cheek 10 QPSK 50_0 27710/2310 1:1 0.809 0.08 15.96 16.80 1.213 0.982 22.1 Right tilted 10 QPSK 50_0 27710/2310 1:1 0.858 0.11 15.96 16.80 1.213 1.041 22.1 Body worn Test data(Separate 15mm 1RB) Front side 10 QPSK 1_0 27710/2310 1:1 0.241 0.05 19.44 20.30 1.219 1.037 22.1 Back side 10 QPSK 25_0 27710/2310 1:1 0.219 -0.05 19.40 20.30 1.230 0.269 22.1 <t< td=""><td>Left tilted Right cheek</td><td>10 10</td><td>QPSK 1_0 QPSK 1_0</td><td>27710/2310 27710/2310</td><td>1:1 1:1 1:1 1:1</td><td>0.493 0.624 0.903 0.967</td><td>ta(1RB) -0.11 -0.18 0.04 0.14</td><td>16.14 16.14</td><td>16.80 16.80</td><td>1.164 1.164</td><td>0.574 0.726 1.051</td><td>22.1 22.1 22.1</td></t<>	Left tilted Right cheek	10 10	QPSK 1_0 QPSK 1_0	27710/2310 27710/2310	1:1 1:1 1:1 1:1	0.493 0.624 0.903 0.967	ta(1RB) -0.11 -0.18 0.04 0.14	16.14 16.14	16.80 16.80	1.164 1.164	0.574 0.726 1.051	22.1 22.1 22.1
Right tilted 10 QPSK 25_0 27710/2310 1:1 0.869 -0.01 15.89 16.80 1.233 1.072 22.1 Head Test Data(100%RB) Right cheek 10 QPSK 50_0 27710/2310 1:1 0.809 0.08 15.96 16.80 1.213 0.982 22.1 Right tilted 10 QPSK 50_0 27710/2310 1:1 0.858 0.11 15.96 16.80 1.213 1.041 22.1 Body worn Test data(Separate 15mm 1RB) Front side 10 QPSK 1_0 27710/2310 1:1 0.241 0.05 19.44 20.30 1.219 0.294 22.1 Body worn Test data(Separate 15mm 18B) Front side 10 QPSK 25_0 27710/2310 1:1 0.219 -0.05 19.40 20.30 1.230 0.269 22.1 Back side 10 QPSK 25_0 27710/2310 1:1 0.784 0.15 19.40 20.30	Left tilted Right cheek Right tilted	10 10 10	QPSK 1_0 QPSK 1_0 QPSK 1_0	27710/2310 27710/2310 27710/2310	1:1 1:1 1:1 1:1 Head	0.493 0.624 0.903 0.967 Test Data	ta(1RB) -0.11 -0.18 0.04 0.14 (50%RB)	16.14 16.14 16.14	16.80 16.80 16.80	1.164 1.164 1.164	0.574 0.726 1.051 1.126	22.1 22.1 22.1 22.1 22.1
Head Test Data(100%RB)	Left tilted Right cheek Right tilted Left cheek	10 10 10	QPSK 1_0 QPSK 1_0 QPSK 1_0 QPSK 25_0	27710/2310 27710/2310 27710/2310 27710/2310	1:1 1:1 1:1 1:1 Head 1:1	0.493 0.624 0.903 0.967 Test Data 0.559	ta(1RB) -0.11 -0.18 0.04 0.14 (50%RB) 0.03	16.14 16.14 16.14 15.89	16.80 16.80 16.80	1.164 1.164 1.164 1.233	0.574 0.726 1.051 1.126	22.1 22.1 22.1 22.1 22.1
Right cheek 10 QPSK 50_0 27710/2310 1:1 0.809 0.08 15.96 16.80 1.213 0.982 22.1 Right tilted 10 QPSK 50_0 27710/2310 1:1 0.858 0.11 15.96 16.80 1.213 1.041 22.1 Body worn Test data(Separate 15mm 1RB) Front side 10 QPSK 1_0 27710/2310 1:1 0.241 0.05 19.44 20.30 1.219 0.294 22.1 Back side 10 QPSK 1_0 27710/2310 1:1 0.851 -0.02 19.44 20.30 1.219 1.037 22.1 Body worn Test data(Separate 15mm 50%RB) Front side 10 QPSK 25_0 27710/2310 1:1 0.219 -0.05 19.40 20.30 1.230 0.269 22.1 Back side 10 QPSK 25_0 27710/2310 1:1 0.754 0.01 19.30 20.30 1.259 0.949 22.1 <tr< td=""><td>Left tilted Right cheek Right tilted Left cheek Left tilted</td><td>10 10 10 10</td><td>QPSK 1_0 QPSK 1_0 QPSK 1_0 QPSK 25_0 QPSK 25_0</td><td>27710/2310 27710/2310 27710/2310 27710/2310 27710/2310</td><td>1:1 1:1 1:1 1:1 Head 1:1</td><td>0.493 0.624 0.903 0.967 Test Data 0.559 0.550</td><td>ta(1RB) -0.11 -0.18 0.04 0.14 (50%RB) 0.03 0.04</td><td>16.14 16.14 16.14 15.89 15.89</td><td>16.80 16.80 16.80 16.80</td><td>1.164 1.164 1.164 1.233 1.233</td><td>0.574 0.726 1.051 1.126 0.689 0.678</td><td>22.1 22.1 22.1 22.1 22.1 22.1</td></tr<>	Left tilted Right cheek Right tilted Left cheek Left tilted	10 10 10 10	QPSK 1_0 QPSK 1_0 QPSK 1_0 QPSK 25_0 QPSK 25_0	27710/2310 27710/2310 27710/2310 27710/2310 27710/2310	1:1 1:1 1:1 1:1 Head 1:1	0.493 0.624 0.903 0.967 Test Data 0.559 0.550	ta(1RB) -0.11 -0.18 0.04 0.14 (50%RB) 0.03 0.04	16.14 16.14 16.14 15.89 15.89	16.80 16.80 16.80 16.80	1.164 1.164 1.164 1.233 1.233	0.574 0.726 1.051 1.126 0.689 0.678	22.1 22.1 22.1 22.1 22.1 22.1
Right tilted 10	Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek	10 10 10 10 10 10	QPSK 1_0 QPSK 1_0 QPSK 1_0 QPSK 25_0 QPSK 25_0 QPSK 25_0	27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310	1:1 1:1 1:1 1:1 Head 1:1 1:1	0.493 0.624 0.903 0.967 Test Data 0.559 0.550 0.795	ta(1RB) -0.11 -0.18 0.04 0.14 (50%RB) 0.03 0.04 -0.13	16.14 16.14 16.14 15.89 15.89 15.89	16.80 16.80 16.80 16.80 16.80 16.80	1.164 1.164 1.164 1.233 1.233 1.233	0.574 0.726 1.051 1.126 0.689 0.678 0.980	22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1
Body worn Test data(Separate 15mm 1RB)	Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek	10 10 10 10 10 10	QPSK 1_0 QPSK 1_0 QPSK 1_0 QPSK 25_0 QPSK 25_0 QPSK 25_0	27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310	1:1 1:1 1:1 1:1 Head 1:1 1:1 1:1	d Test Da 0.493 0.624 0.903 0.967 Test Data 0.559 0.550 0.795 0.869	ta(1RB) -0.11 -0.18 0.04 0.14 (50%RB) 0.03 0.04 -0.13 -0.01	16.14 16.14 16.14 15.89 15.89 15.89	16.80 16.80 16.80 16.80 16.80 16.80	1.164 1.164 1.164 1.233 1.233 1.233	0.574 0.726 1.051 1.126 0.689 0.678 0.980	22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1
Front side 10 QPSK 1_0 27710/2310 1:1 0.241 0.05 19.44 20.30 1.219 0.294 22.1 Back side 10 QPSK 1_0 27710/2310 1:1 0.851 -0.02 19.44 20.30 1.219 1.037 22.1 Body worn Test data(Separate 15mm 50%RB) Front side 10 QPSK 25_0 27710/2310 1:1 0.219 -0.05 19.40 20.30 1.230 0.269 22.1 Back side 10 QPSK 25_0 27710/2310 1:1 0.784 0.15 19.40 20.30 1.230 0.965 22.1 Body worn Test data(Separate 15mm 100%RB) Back side 10 QPSK 50_0 27710/2310 1:1 0.754 0.01 19.30 20.30 1.259 0.949 22.1 Hotspot Test data(Separate 10mm 1RB) Front side 10 QPSK 1_0 27710/2310 1:1 0.272 -0.17 17.24 18.30 1.276 0.347 22.1 Back side 10 QPSK 1_0 27710/2310 1:1 0.697 -0.03 17.24 18.30 1.276 0.890 22.1 Left side 10 QPSK 1_0 27710/2310 1:1 0.059 -0.01 17.24 18.30 1.276 0.075 22.1 Top side 10 QPSK 1_0 27710/2310 1:1 0.938 0.14 17.24 18.30 1.276 1.197 22.1	Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right cheek Right tilted	10 10 10 10 10 10 10	QPSK 1_0 QPSK 1_0 QPSK 1_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 25_0	27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310	1:1 1:1 1:1 Head 1:1 1:1 1:1 Head	d Test Da 0.493 0.624 0.903 0.967 Test Data 0.559 0.550 0.795 0.869 Test Data	ta(1RB) -0.11 -0.18 -0.04 -0.14 (50%RB) -0.03 -0.04 -0.13 -0.01 100%RB)	16.14 16.14 16.14 15.89 15.89 15.89 15.89	16.80 16.80 16.80 16.80 16.80 16.80 16.80	1.164 1.164 1.164 1.233 1.233 1.233 1.233	0.574 0.726 1.051 1.126 0.689 0.678 0.980 1.072	22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1
Back side 10 QPSK 1_0 27710/2310 1:1 0.851 -0.02 19.44 20.30 1.219 1.037 22.1 Body worn Test data(Separate 15mm 50%RB) Front side 10 QPSK 25_0 27710/2310 1:1 0.219 -0.05 19.40 20.30 1.230 0.269 22.1 Back side 10 QPSK 25_0 27710/2310 1:1 0.784 0.15 19.40 20.30 1.230 0.965 22.1 Body worn Test data(Separate 15mm 100%RB) Back side 10 QPSK 50_0 27710/2310 1:1 0.754 0.01 19.30 20.30 1.259 0.949 22.1 Hotspot Test data(Separate 15mm 100%RB) Front side 10 QPSK 1_0 27710/2310 1:1 0.272 -0.17 17.24 18.30 1.276 0.347 22.1 Back side 10 QPSK 1_0 27710/2310 1:1 0.697 -0.03 17.24 <	Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right tilted Right cheek	10 10 10 10 10 10 10	QPSK 1_0 QPSK 1_0 QPSK 1_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 25_0	27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310	1:1 1:1 1:1 Head 1:1 1:1 1:1 Head 1:1	d Test Da 0.493 0.624 0.903 0.967 Test Data 0.559 0.550 0.795 0.869 Test Data 0.809 0.858	ta(1RB) -0.11 -0.18 0.04 0.14 (50%RB) 0.03 0.04 -0.13 -0.01 100%RB) 0.08	16.14 16.14 16.14 15.89 15.89 15.89 15.96	16.80 16.80 16.80 16.80 16.80 16.80 16.80	1.164 1.164 1.164 1.233 1.233 1.233 1.233	0.574 0.726 1.051 1.126 0.689 0.678 0.980 1.072	22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1
Body worn Test data(Separate 15mm 50%RB) Front side	Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right tilted Right cheek	10 10 10 10 10 10 10	QPSK 1_0 QPSK 1_0 QPSK 1_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 25_0	27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310	1:1 1:1 1:1 Head 1:1 1:1 1:1 Head 1:1	d Test Da 0.493 0.624 0.903 0.967 Test Data 0.559 0.550 0.795 0.869 Test Data 0.809 0.858	ta(1RB) -0.11 -0.18 0.04 0.14 (50%RB) 0.03 0.04 -0.13 -0.01 100%RB) 0.08	16.14 16.14 16.14 15.89 15.89 15.89 15.96	16.80 16.80 16.80 16.80 16.80 16.80 16.80	1.164 1.164 1.164 1.233 1.233 1.233 1.233	0.574 0.726 1.051 1.126 0.689 0.678 0.980 1.072	22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1
Front side 10 QPSK 25_0 27710/2310 1:1 0.219 -0.05 19.40 20.30 1.230 0.269 22.1 Back side 10 QPSK 25_0 27710/2310 1:1 0.784 0.15 19.40 20.30 1.230 0.965 22.1 Body worn Test data(Separate 15mm 100%RB) Back side 10 QPSK 50_0 27710/2310 1:1 0.754 0.01 19.30 20.30 1.259 0.949 22.1 Hotspot Test data(Separate 10mm 1RB) Front side 10 QPSK 1_0 27710/2310 1:1 0.272 -0.17 17.24 18.30 1.276 0.347 22.1 Back side 10 QPSK 1_0 27710/2310 1:1 0.697 -0.03 17.24 18.30 1.276 0.890 22.1 Left side 10 QPSK 1_0 27710/2310 1:1 0.059 -0.01 17.24 18.30 1.276 0.075 22.1 Top side 10 QPSK 1_0 27710/2310 1:1 0.938 0.14 17.24 18.30 1.276 1.197 22.1	Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right tilted Right cheek Right tilted	10 10 10 10 10 10 10 10	QPSK 1_0 QPSK 1_0 QPSK 1_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 50_0 QPSK 50_0	27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 Bod	1:1 1:1 1:1 Head 1:1 1:1 1:1 1:1 Head 1:1 y worn Tes	d Test Da 0.493 0.624 0.903 0.967 Test Data 0.559 0.550 0.795 0.869 Test Data 0.809 0.858 st data(Se	ta(1RB) -0.11 -0.18 0.04 0.14 (50%RB) 0.03 0.04 -0.13 -0.01 (100%RB) 0.08 0.11 parate 15m	16.14 16.14 16.14 15.89 15.89 15.89 15.96 15.96 15.96 15.96 15.96	16.80 16.80 16.80 16.80 16.80 16.80 16.80	1.164 1.164 1.233 1.233 1.233 1.233 1.233 1.213	0.574 0.726 1.051 1.126 0.689 0.678 0.980 1.072	22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1
Back side 10 QPSK 25_0 27710/2310 1:1 0.784 0.15 19.40 20.30 1.230 0.965 22.1 Back side 10 QPSK 50_0 27710/2310 1:1 0.754 0.01 19.30 20.30 1.259 0.949 22.1 Hotspot Test data(Separate 10mm 1RB) Front side 10 QPSK 1_0 27710/2310 1:1 0.272 -0.17 17.24 18.30 1.276 0.347 22.1 Back side 10 QPSK 1_0 27710/2310 1:1 0.697 -0.03 17.24 18.30 1.276 0.890 22.1 Left side 10 QPSK 1_0 27710/2310 1:1 0.059 -0.01 17.24 18.30 1.276 0.075 22.1 Top side 10 QPSK 1_0 27710/2310 1:1 0.938 0.14 17.24 18.30 1.276 1.197 22.1	Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right cheek Right tilted Right cheek Right tilted	10 10 10 10 10 10 10 10	QPSK 1_0 QPSK 1_0 QPSK 1_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 50_0 QPSK 50_0	27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 Bod 27710/2310	1:1 1:1 1:1 Head 1:1 1:1 1:1 1:1 Head 1:1 y worn Tes	d Test Da 0.493 0.624 0.903 0.967 Test Data 0.559 0.550 0.795 0.869 Test Data(0.809 0.858 st data(Se) 0.241	ta(1RB) -0.11 -0.18 0.04 0.14 (50%RB) 0.03 0.04 -0.13 -0.01 (100%RB) 0.08 0.11 parate 15m 0.05	16.14 16.14 16.14 15.89 15.89 15.89 15.96 15.96 15.96 15.96 15.96	16.80 16.80 16.80 16.80 16.80 16.80 16.80 16.80	1.164 1.164 1.164 1.233 1.233 1.233 1.233 1.213 1.213	0.574 0.726 1.051 1.126 0.689 0.678 0.980 1.072 0.982 1.041	22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1
Body worn Test data(Separate 15mm 100%RB) Back side	Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right cheek Right tilted Right cheek Right tilted	10 10 10 10 10 10 10 10	QPSK 1_0 QPSK 1_0 QPSK 1_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 50_0 QPSK 50_0	27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 Bod 27710/2310 27710/2310	1:1 1:1 1:1 Head 1:1 1:1 1:1 Head 1:1 y worn Tes	d Test Da 0.493 0.624 0.903 0.967 Test Data 0.559 0.550 0.795 0.869 Test Data 0.809 0.858 st data(Se 0.241 0.851	ta(1RB) -0.11 -0.18 0.04 0.14 (50%RB) 0.03 0.04 -0.13 -0.01 (100%RB) 0.08 0.11 parate 15m 0.05 -0.02	16.14 16.14 16.14 15.89 15.89 15.89 15.96 15.96 15.96 19.44 19.44	16.80 16.80 16.80 16.80 16.80 16.80 16.80 16.80	1.164 1.164 1.164 1.233 1.233 1.233 1.233 1.213 1.213	0.574 0.726 1.051 1.126 0.689 0.678 0.980 1.072 0.982 1.041	22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1
Back side 10 QPSK 50_0 27710/2310 1:1 0.754 0.01 19.30 20.30 1.259 0.949 22.1 Hotspot Test data(Separate 10mm 1RB) Front side 10 QPSK 1_0 27710/2310 1:1 0.272 -0.17 17.24 18.30 1.276 0.347 22.1 Back side 10 QPSK 1_0 27710/2310 1:1 0.697 -0.03 17.24 18.30 1.276 0.890 22.1 Left side 10 QPSK 1_0 27710/2310 1:1 0.059 -0.01 17.24 18.30 1.276 0.075 22.1 Top side 10 QPSK 1_0 27710/2310 1:1 0.938 0.14 17.24 18.30 1.276 1.197 22.1	Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right cheek Right tilted Right cheek Right tilted Front side Back side	10 10 10 10 10 10 10 10 10	QPSK 1_0 QPSK 1_0 QPSK 1_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 50_0 QPSK 50_0 QPSK 1_0 QPSK 1_0	27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 Bod 27710/2310 27710/2310 27710/2310 27710/2310	1:1 1:1 1:1 Head 1:1 1:1 1:1 Head 1:1 1:1 y worn Test 1:1 worn Test	d Test Da 0.493 0.624 0.903 0.967 Test Data 0.559 0.550 0.795 0.869 Test Data 0.809 0.858 st data(Sep 0.241 0.851 data(Sep	ta(1RB) -0.11 -0.18 0.04 0.14 (50%RB) 0.03 0.04 -0.13 -0.01 (100%RB) 0.08 0.11 parate 15m 0.05 -0.02 arate 15mm	16.14 16.14 16.14 15.89 15.89 15.89 15.96 15.96 15.96 19.44 19.44 19.44	16.80 16.80 16.80 16.80 16.80 16.80 16.80 20.30 20.30	1.164 1.164 1.164 1.233 1.233 1.233 1.233 1.213 1.213 1.213	0.574 0.726 1.051 1.126 0.689 0.678 0.980 1.072 0.982 1.041	22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1
Hotspot Test data(Separate 10mm 1RB) Front side 10 QPSK 1_0 27710/2310 1:1 0.272 -0.17 17.24 18.30 1.276 0.347 22.1 Back side 10 QPSK 1_0 27710/2310 1:1 0.697 -0.03 17.24 18.30 1.276 0.890 22.1 Left side 10 QPSK 1_0 27710/2310 1:1 0.059 -0.01 17.24 18.30 1.276 0.075 22.1 Top side 10 QPSK 1_0 27710/2310 1:1 0.938 0.14 17.24 18.30 1.276 1.197 22.1	Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right cheek Right tilted Right cheek Right tilted Front side Back side	10 10 10 10 10 10 10 10 10	QPSK 1_0 QPSK 1_0 QPSK 1_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 50_0 QPSK 50_0 QPSK 1_0 QPSK 1_0	27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 Bod 27710/2310 27710/2310 8 ody 27710/2310 27710/2310 27710/2310	1:1 1:1 1:1 Head 1:1 1:1 1:1 Head 1:1 1:1 y worn Test 1:1 worn Test 1:1	d Test Da 0.493 0.624 0.903 0.967 Test Data 0.559 0.550 0.795 0.869 Test Data 0.809 0.858 st data(Sepanov) 0.241 0.851 data(Sepanov) 0.784	ta(1RB) -0.11 -0.18 0.04 0.14 (50%RB) 0.03 0.04 -0.13 -0.01 (100%RB) 0.08 0.11 parate 15m 0.05 -0.02 arate 15mn -0.05 0.15	16.14 16.14 16.14 15.89 15.89 15.89 15.96 15.96 15.96 15.96 15.96 19.44 19.44 19.44 19.44 19.44	16.80 16.80 16.80 16.80 16.80 16.80 16.80 20.30 20.30	1.164 1.164 1.164 1.233 1.233 1.233 1.233 1.213 1.213 1.213 1.219 1.219	0.574 0.726 1.051 1.126 0.689 0.678 0.980 1.072 0.982 1.041 0.294 1.037	22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1
Front side 10 QPSK 1_0 27710/2310 1:1 0.272 -0.17 17.24 18.30 1.276 0.347 22.1 Back side 10 QPSK 1_0 27710/2310 1:1 0.697 -0.03 17.24 18.30 1.276 0.890 22.1 Left side 10 QPSK 1_0 27710/2310 1:1 0.059 -0.01 17.24 18.30 1.276 0.075 22.1 Top side 10 QPSK 1_0 27710/2310 1:1 0.938 0.14 17.24 18.30 1.276 1.197 22.1	Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right cheek Right tilted Right cheek Right tilted Front side Back side	10 10 10 10 10 10 10 10 10 10 10 10	QPSK 1_0 QPSK 1_0 QPSK 1_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 50_0 QPSK 50_0 QPSK 1_0 QPSK 1_0 QPSK 25_0	27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 Body 27710/2310 8 body 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310	1:1 1:1 1:1 Head 1:1 1:1 1:1 Head 1:1 1:1 y worn Test 1:1 worn Test 1:1	d Test Da 0.493 0.624 0.903 0.967 Test Data 0.559 0.550 0.795 0.869 Test Data 0.809 0.858 st data(Sepa 0.241 0.851 data(Sepa 0.219 0.784 data(Sepa	ta(1RB) -0.11 -0.18 0.04 0.14 (50%RB) 0.03 0.04 -0.13 -0.01 (100%RB) 0.08 0.11 parate 15m 0.05 -0.02 arate 15mn -0.05 0.15	16.14 16.14 16.14 15.89 15.89 15.89 15.96 15.96 15.96 15.96 15.96 19.44 19.44 19.44 19.44 19.44	16.80 16.80 16.80 16.80 16.80 16.80 16.80 20.30 20.30	1.164 1.164 1.164 1.233 1.233 1.233 1.233 1.213 1.213 1.213 1.219 1.219	0.574 0.726 1.051 1.126 0.689 0.678 0.980 1.072 0.982 1.041 0.294 1.037	22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1
Back side 10 QPSK 1_0 27710/2310 1:1 0.697 -0.03 17.24 18.30 1.276 0.890 22.1 Left side 10 QPSK 1_0 27710/2310 1:1 0.059 -0.01 17.24 18.30 1.276 0.075 22.1 Top side 10 QPSK 1_0 27710/2310 1:1 0.938 0.14 17.24 18.30 1.276 1.197 22.1	Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right tilted Right cheek Right tilted Front side Back side Front side Back side	10 10 10 10 10 10 10 10 10 10 10 10	QPSK 1_0 QPSK 1_0 QPSK 1_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 50_0 QPSK 50_0 QPSK 1_0 QPSK 1_0 QPSK 25_0	27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 Body 27710/2310 8 body 27710/2310 27710/2310 Body 27710/2310 Body 27710/2310 27710/2310	1:1 1:1 Head 1:1 1:1 1:1 1:1 1:1 Head 1:1 1:1 Worn Test 1:1 worn Test 1:1 1:1 worn Test 1:1 1:1	d Test Da 0.493 0.624 0.903 0.967 Test Data 0.559 0.550 0.795 0.869 Test Data 0.809 0.858 st data(Sepa 0.219 0.784 data(Sepa 0.754	ta(1RB) -0.11 -0.18 0.04 0.14 (50%RB) 0.03 0.04 -0.13 -0.01 (100%RB) 0.08 0.11 parate 15m 0.05 -0.02 arate 15mm -0.05 0.15 rate 15mm 0.01	16.14 16.14 16.14 15.89 15.89 15.89 15.96 15.96 15.96 15.96 19.44 19.44 19.44 19.40 19	16.80 16.80 16.80 16.80 16.80 16.80 16.80 20.30 20.30 20.30	1.164 1.164 1.164 1.233 1.233 1.233 1.233 1.213 1.213 1.219 1.219 1.230 1.230	0.574 0.726 1.051 1.126 0.689 0.678 0.980 1.072 0.982 1.041 0.294 1.037	22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1
Left side 10 QPSK 1_0 27710/2310 1:1 0.059 -0.01 17.24 18.30 1.276 0.075 22.1 Top side 10 QPSK 1_0 27710/2310 1:1 0.938 0.14 17.24 18.30 1.276 1.197 22.1	Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right tilted Right cheek Right tilted Front side Back side Back side	10 10 10 10 10 10 10 10 10 10 10 10	QPSK 1_0 QPSK 1_0 QPSK 1_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 50_0 QPSK 50_0 QPSK 1_0 QPSK 1_0 QPSK 25_0	27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310	1:1 1:1 Head 1:1 1:1 1:1 1:1 1:1 Head 1:1 1:1 Worn Test 1:1 worn Test 1:1 1:1 worn Test 1:1 1:1	d Test Da 0.493 0.624 0.903 0.967 Test Data 0.559 0.550 0.795 0.869 Test Data(0.809 0.858 data(Sepa 0.241 data(Sepa 0.754 data(Sepa 0.754 data(Sepa 0.754	ta(1RB) -0.11 -0.18 0.04 0.14 (50%RB) 0.03 0.04 -0.13 -0.01 (100%RB) 0.08 0.11 parate 15m 0.05 -0.02 arate 15mm -0.05 0.15 rate 15mm 0.01	16.14 16.14 16.14 15.89 15.89 15.89 15.96 15.96 15.96 15.96 19.44 19.44 19.44 19.40 19	16.80 16.80 16.80 16.80 16.80 16.80 16.80 20.30 20.30 20.30	1.164 1.164 1.164 1.233 1.233 1.233 1.233 1.213 1.213 1.219 1.219 1.230 1.230	0.574 0.726 1.051 1.126 0.689 0.678 0.980 1.072 0.982 1.041 0.294 1.037	22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1
Top side 10 QPSK 1_0 27710/2310 1:1 0.938 0.14 17.24 18.30 1.276 1.197 22.1	Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right tilted Right cheek Right tilted Front side Back side Back side Front side Back side	10 10 10 10 10 10 10 10 10 10 10 10 10	QPSK 1_0 QPSK 1_0 QPSK 1_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 50_0 QPSK 50_0 QPSK 1_0 QPSK 1_0 QPSK 25_0 QPSK 25_0	27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310	1:1 1:1 Head 1:1 1:1 1:1 1:1 1:1 Head 1:1 1:1 Head 1:1 1:1 tspot Test 1:1 tspot Test	d Test Da 0.493 0.624 0.903 0.967 Test Data 0.559 0.550 0.795 0.869 Test Data(0.809 0.858 data(Sepa 0.241 0.851 data(Sepa 0.754 data(Sepa 0.754 data(Sepa 0.272	ta(1RB) -0.11 -0.18 0.04 0.14 (50%RB) 0.03 0.04 -0.13 -0.01 (100%RB) 0.08 0.11 parate 15m 0.05 -0.02 trate 15mm -0.05 0.15 rate 15mm 0.01 arate 10mn	16.14 16.14 16.14 15.89 15.89 15.89 15.96 15.96 15.96 19.44 19.44 19.44 19.40 19	16.80 16.80 16.80 16.80 16.80 16.80 16.80 20.30 20.30 20.30 20.30	1.164 1.164 1.164 1.233 1.233 1.233 1.233 1.213 1.213 1.219 1.219 1.230 1.230 1.259	0.574 0.726 1.051 1.126 0.689 0.678 0.980 1.072 0.982 1.041 0.294 1.037	22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1
	Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right tilted Right cheek Right tilted Front side Back side Back side Front side Back side	10 10 10 10 10 10 10 10 10 10 10 10 10 1	QPSK 1_0 QPSK 1_0 QPSK 1_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 50_0 QPSK 50_0 QPSK 1_0 QPSK 1_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 25_0	27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310	1:1 1:1 Head 1:1 1:1 1:1 1:1 1:1 Head 1:1 1:1 Head 1:1 1:1 tspot Test 1:1 tspot Test 1:1 1:1	d Test Da 0.493 0.624 0.903 0.967 Test Data 0.559 0.550 0.795 0.869 Test Data(0.809 0.858 data(Sepa 0.241 0.851 data(Sepa 0.754 data(Sepa 0.754 data(Sepa 0.272 0.697	ta(1RB) -0.11 -0.18 0.04 0.14 (50%RB) 0.03 0.04 -0.13 -0.01 100%RB) 0.08 0.11 parate 15m -0.05 -0.02 arate 15mm -0.05 0.15 rate 15mm -0.01 rate 10mn -0.17 -0.03	16.14 16.14 16.14 15.89 15.89 15.89 15.89 15.96 15.96 19.44 19.44 19.44 19.40 19	16.80 16.80 16.80 16.80 16.80 16.80 16.80 20.30 20.30 20.30 20.30 20.30	1.164 1.164 1.164 1.233 1.233 1.233 1.233 1.213 1.213 1.219 1.219 1.230 1.230 1.259	0.574 0.726 1.051 1.126 0.689 0.678 0.980 1.072 0.982 1.041 0.294 1.037 0.269 0.965	22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1
Hotspot Test data(Separate 10mm 50%RB)	Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right tilted Right cheek Right tilted Front side Back side Back side Front side Back side Left side Back side	10 10 10 10 10 10 10 10 10 10 10 10 10 1	QPSK 1_0 QPSK 1_0 QPSK 1_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 50_0 QPSK 50_0 QPSK 1_0 QPSK 1_0 QPSK 50_0 QPSK 1_0 QPSK 50_0	27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310	1:1 1:1 Head 1:1 1:1 1:1 1:1 1:1 Head 1:1 1:1 Head 1:1 1:1 tspot Test 1:1 tspot Test 1:1 1:1	d Test Da	ta(1RB) -0.11 -0.18 0.04 0.14 (50%RB) 0.03 0.04 -0.13 -0.01 100%RB) 0.08 0.11 parate 15m -0.05 -0.02 arate 15mm -0.05 0.15 rate 15mm -0.01 arate 10mn -0.17 -0.03 -0.01	16.14 16.14 16.14 15.89 15.89 15.89 15.96 15.96 19.44 19.44 19.44 19.40 19	16.80 16.80 16.80 16.80 16.80 16.80 16.80 20.30 20.30 20.30 20.30 20.30	1.164 1.164 1.164 1.233 1.233 1.233 1.233 1.213 1.213 1.219 1.219 1.230 1.230 1.259	0.574 0.726 1.051 1.126 0.689 0.678 0.980 1.072 0.982 1.041 0.294 1.037 0.269 0.965 0.949	22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1
	Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right tilted Right cheek Right tilted Front side Back side Back side Front side Back side Left side Back side	10 10 10 10 10 10 10 10 10 10 10 10 10 1	QPSK 1_0 QPSK 1_0 QPSK 1_0 QPSK 25_0 QPSK 25_0 QPSK 25_0 QPSK 50_0 QPSK 50_0 QPSK 1_0 QPSK 1_0 QPSK 50_0 QPSK 1_0 QPSK 50_0	27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310 Body 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310 27710/2310	1:1 1:1 Head 1:1 1:1 1:1 1:1 1:1 Head 1:1 1:1 Head 1:1 1:1 tspot Test 1:1 tspot Test 1:1 1:1 1:1 1:1	d Test Da	ta(1RB) -0.11 -0.18 0.04 0.14 (50%RB) 0.03 0.04 -0.13 -0.01 100%RB) 0.08 0.11 parate 15m 0.05 -0.02 arate 15mm -0.05 0.15 rate 15mm -0.01 arate 10mn -0.17 -0.03 -0.01 0.14	16.14 16.14 16.14 15.89 15.89 15.89 15.89 15.96 15.96 19.44 19.44 19.44 19.40 19	16.80 16.80 16.80 16.80 16.80 16.80 16.80 20.30 20.30 20.30 20.30 20.30	1.164 1.164 1.164 1.233 1.233 1.233 1.233 1.213 1.213 1.219 1.219 1.230 1.230 1.259	0.574 0.726 1.051 1.126 0.689 0.678 0.980 1.072 0.982 1.041 0.294 1.037 0.269 0.965 0.949	22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indeminification 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 faistification 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) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-75) 8307 1443, or email: CM.Doccheck@esgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pllot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜裔1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 s

sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 74 of 121

Front side	10	QPSK 25_0	27710/2310	1:1	0.245	-0.02	17.11	18.30	1.315	0.322	22.1
Back side	10	QPSK 25_0	27710/2310	1:1	0.641	0.04	17.11	18.30	1.315	0.843	22.1
Left side	10	QPSK 25_0	27710/2310	1:1	0.055	0.14	17.11	18.30	1.315	0.072	22.1
Top side	10	QPSK 25_0	27710/2310	1:1	0.906	0.05	17.11	18.30	1.315	1.192	22.1
			Hots	oot Test da	ita(Separa	te 10mm 1	100%RB)				
Back side	10	QPSK 50_0	27710/2310	1:1	0.620	0.10	17.14	18.30	1.306	0.810	22.1
Top side	10	QPSK 50_0	27710/2310	1:1	0.892	-0.11	17.14	18.30	1.306	1.165	22.1
Test position	BW.	Test mode	Test ch./Freq.	Duty	SAR (W/kg)	Power drift	Conducted	Tune up	Scaled		Liquid
				Cycle	10-g	(dB)	Power(dBm)	Limit(aBm)	factor	g (W/kg)	Temp.(℃)
			Product sp	•	•		ate 0mm 1RB	, í	Tactor		remp.(C)
Back side	10	QPSK 1_0	Product sp 27710/2310	•	•		` ′	, í	1.219		22.1
Back side Top side	10	QPSK 1_0 QPSK 1_0		ecific 10gS	SAR Test of	lata(Separ	ate 0mm 1RB)		(W/kg)	
		_	27710/2310 27710/2310	ecific 10gS 1:1 1:1	5AR Test of 1.530 2.130	0.12 0.05	ate 0mm 1RB 19.44	20.30	1.219	(W/kg) 1.865	22.1
		_	27710/2310 27710/2310 Product spec	ecific 10gS 1:1 1:1	5AR Test of 1.530 2.130	0.12 0.05	ate 0mm 1RB 19.44 19.44	20.30	1.219	(W/kg) 1.865	22.1
Top side	10	QPSK 1_0	27710/2310 27710/2310 Product spec 27710/2310	ecific 10gS 1:1 1:1 cific 10gSA	6AR Test of 1.530 2.130 AR Test da	lata(Separ 0.12 0.05 ta(Separat	ate 0mm 1RB 19.44 19.44 te 0mm 50%R	20.30 20.30 B)	1.219 1.219	1.865 2.596	22.1 22.1
Top side Back side	10	QPSK 1_0 QPSK 25_0	27710/2310 27710/2310 Product spec 27710/2310 27710/2310	ecific 10gS 1:1 1:1 cific 10gSA 1:1	5AR Test of 1.530 2.130 AR Test da 1.550 1.970	0.12 0.05 ta(Separat 0.02 0.03	ate 0mm 1RB 19.44 19.44 te 0mm 50%R	20.30 20.30 B) 20.30 20.30	1.219 1.219 1.230	1.865 2.596	22.1 22.1 22.1
Top side Back side	10	QPSK 1_0 QPSK 25_0	27710/2310 27710/2310 Product spec 27710/2310 27710/2310 Product spec	ecific 10gS 1:1 1:1 cific 10gSA 1:1	5AR Test of 1.530 2.130 AR Test da 1.550 1.970	0.12 0.05 ta(Separat 0.02 0.03	ate 0mm 1RB 19.44 19.44 te 0mm 50%R 19.40	20.30 20.30 B) 20.30 20.30	1.219 1.219 1.230	1.865 2.596	22.1 22.1 22.1

Table 21: SAR of LTE Band 30 for Head and Body.

Test Position	Channel/ Frequency	Measured SAR	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
	(MHz)	(1g)	SAR (1g)		SAR (1g)	SAR (1g)
Back side	27710/2310	2.310	2.230	1.035874439	N/A	N/A

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.

2) A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).

3) A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg

Test Position	Channel/ Frequency	Measured SAR	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
	(MHz)	(10g)	SAR (10g)		SAR (10g)	SAR (10g)
Back side	27710/2310	1.100	1.060	1.037735849	N/A	N/A

Note: 1) When the original highest measured SAR is ≥ 2.0 W/kg, the measurement was repeated once.

2) A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 3.625 W/kg (~ 10% from the 10-g SAR limit).

3) A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 3 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

4) Repeated measurements are not required when the original highest measured SAR is < 2.0 W/kg

9.2.12SAR Result of LTE Band 48

				LTE	Band 48 SA	AR Test Re	cord				
					Ant 5 Tes	t Record					
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
		·			Head Test	Data(1RB)					
Left cheek	20	QPSK 1_0	55830/3609	1:1.58	0.182	-0.04	20.44	20.80	1.086	0.198	22.5
Left tilted	20	QPSK 1_0	55830/3609	1:1.58	0.137	0.09	20.44	20.80	1.086	0.149	22.5
Right cheek	20	QPSK 1_0	55830/3609	1:1.58	0.681	0.18	20.44	20.80	1.086	0.740	22.5
Right tilted	20	QPSK 1_0	55830/3609	1:1.58	0.355	-0.05	20.44	20.80	1.086	0.386	22.5
				Н	lead Test D	ata(50%RB)				
Left cheek	20	QPSK 50_0	55830/3609	1:1.58	0.176	-0.02	20.30	20.80	1.122	0.197	22.5



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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) 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: CND.occheck@gs.com

South of No. 6 Plant, No. 1, Runshang Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone
中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路(号的6号厂房南部 邮编: 215000

t (86–512) 62992980

www.sgsgroup.com.cn sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 75 of 121

Left tilted	20	QPSK 50_0	55830/3609	1:1.58	0.123	-0.14	20.30	20.80	1.122	0.138	22.5
Right cheek	20	QPSK 50_0	55830/3609	1:1.58	0.544	-0.06	20.30	20.80	1.122	0.610	22.5
Right tilted	20	QPSK 50_0	55830/3609	1:1.58	0.285	0.17	20.30	20.80	1.122	0.320	22.5
				Body worn	Test data(Separate 15	imm 1RB)				
Front side	20	QPSK 1_0	55830/3609	1:1.58	0.117	0.09	22.82	23.80	1.253	0.147	22.5
Back side	20	QPSK 1_0	55830/3609	1:1.58	0.223	0.03	22.82	23.80	1.253	0.279	22.5
			E	Body worn ☐	Γest data(S	eparate 15m	nm 50%RB)				
Front side	20	QPSK 50_0	55830/3609	1:1.58	0.093	0.08	21.87	22.80	1.239	0.115	22.5
Back side	20	QPSK 50_0	55830/3609	1:1.58	0.176	-0.02	21.87	22.80	1.239	0.218	22.5
				Hotspot 7	est data(So	eparate 10m	ım 1RB)				
Front side	20	QPSK 1_0	55830/3609	1:1.58	0.191	0.08	22.82	23.80	1.253	0.239	22.5
Back side	20	QPSK 1_0	55830/3609	1:1.58	0.389	0.03	22.82	23.80	1.253	0.487	22.5
Left side	20	QPSK 1_0	55830/3609	1:1.58	0.473	0.04	22.82	23.80	1.253	0.593	22.5
Top side	20	QPSK 1_0	55830/3609	1:1.58	0.144	-0.04	22.82	23.80	1.253	0.180	22.5
				Hotspot Te	st data(Sep	parate 10mn	n 50%RB)				
Front side	20	QPSK 50_0	55830/3609	1:1.58	0.152	0.05	21.87	22.80	1.239	0.188	22.5
Back side	20	QPSK 50_0	55830/3609	1:1.58	0.322	-0.03	21.87	22.80	1.239	0.399	22.5
Left side	20	QPSK 50_0	55830/3609	1:1.58	0.362	-0.09	21.87	22.80	1.239	0.448	22.5
Top side	20	QPSK 50_0	55830/3609	1:1.58	0.102	0.14	21.87	22.80	1.239	0.126	22.5
T-1-1- 00 0A		TE D 1 10 1	I I								

Table 22: SAR of LTE Band 48 for Head and Body.



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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 relects 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 one one exore exercise 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) 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: CM.Doccheck@sgs.com

South of No. 6 Pent, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone
中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路(号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 76 of 121

9.2.1 SAR Result of LTE Band 66

			L	TE Band	66 SAR Te	st Record	d				
				Ant 2	2 Test Red	ord					
Test position	BW.	Test mode	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
				Head	Test Data					(VV/Kg)	
Left cheek	20	QPSK 1 0	132322/1745	1:1	0.072	-0.08	22.58	24.30	1.486	0.107	22.2
Left tilted	20	QPSK 1_0	132322/1745	1:1	0.056	0.19	22.58	24.30	1.486	0.083	22.2
Right cheek	20	QPSK 1 0	132322/1745	1:1	0.085	0.17	22.58	24.30	1.486	0.126	22.2
Right tilted	20	QPSK 1 0	132322/1745	1:1	0.070	-0.08	22.58	24.30	1.486	0.104	22.2
Right cheek for ENDC	20	QPSK 1 0	132322/1745	1:1	0.095	-0.19	23.38	24.30	1.236	0.117	22.2
ragin on ook for ENDO		QI OIT I_O	102022/11 10		est Data(5		20.00	21.00	1.200	0.111	
Left cheek	20	QPSK 50 0	132322/1745	1:1	0.058	-0.02	21.55	23.30	1.496	0.087	22.2
Left tilted	20	QPSK 50 0	132322/1745	1:1	0.047	0.03	21.55	23.30	1.496	0.070	22.2
Right cheek	20	QPSK 50 0	132322/1745	1:1	0.066	0.12	21.55	23.30	1.496	0.099	22.2
Right tilted	20	QPSK 50 0	132322/1745	1:1	0.047	-0.02	21.55	23.30	1.496	0.070	22.2
ragin tined	20	Q1 01(30_0			data(Sepa			20.00	1.430	0.070	22.2
Front side	20	QPSK 1 0	132322/1745	1:1	0.148	-0.04	22.58	24.30	1.486	0.220	22.2
Back side	20	QPSK 1_0	132322/1745	1:1	0.140	-0.04	22.58	24.30	1.486	0.220	22.2
Back side for ENDC	20	QPSK 1_0	132322/1745	1:1	0.103	0.07	23.38	24.30	1.236	0.252	22.2
Dack Side for ENDC	20	QFSK I_0			ata(Separa			24.30	1.230	0.232	22.2
Front side	20	QPSK 50 0	132322/1745	1:1	0.114	-0.02	21.55	23.30	1.496	0.171	22.2
Back side	20	QPSK 50 0	132322/1745	1:1	0.161	0.02	21.55	23.30	1.496	0.171	22.2
Dack Side	20	QF3R 30_0			ata(Separa			23.30	1.490	0.241	22.2
Front side	20	QPSK 1 0	132322/1745	1:1	0.230	-0.03	22.58	24.30	1.486	0.342	22.2
Back side	20	QPSK 1_0	132322/1745	1:1	0.230	0.19	22.58	24.30	1.486	0.661	22.2
Left side	20	QPSK 1_0	132322/1745	1:1	0.445	-0.16	22.58	24.30	1.486	0.001	22.2
	20	QPSK 1_0					22.58				22.2
Bottom side Back side for ENDC	20	QPSK 1_0	132322/1745 132322/1745	1:1 1:1	0.286 0.461	-0.07 0.07	23.38	24.30 24.30	1.486 1.236	0.425 0.570	22.2
Back Side for ENDC	20	QFSK I_0			a(Separate			24.30	1.230	0.570	22.2
Front side	20	QPSK 50 0	132322/1745	1:1	0.192	0.07	21.55	23.30	1.496	0.287	22.2
	20	QPSK 50_0	132322/1745			0.07			1.496		22.2
Back side	20			1:1	0.343	0.14	21.55	23.30		0.513	
Left side	20	QPSK 50_0	132322/1745	1:1 1:1	0.149 0.258	-0.01	21.55	23.30	1.496 1.496	0.223	22.2
Bottom side	20	QPSK 50_0	132322/1745		0.∠58 3 Test Red		21.55	23.30	1.496	0.386	22.2
				AIIL	SAR	Power				Scaled	
Test position	BW.	Test mode	Test ch./Freq.	Duty	(W/kg)	drift	Conducted	Tune up	Scaled	0404	Liquid
				Cycle	1-g	(dB)	Power(dBm)	Limit(dBm)	factor	(W/kg)	Temp.(℃)
				Head	Test Data	(1RB)					
Left cheek	20	QPSK 1_0	132322/1745	1:1	0.530	-0.12	20.51	20.80	1.069	0.567	22.2
Left tilted	20	QPSK 1_0	132322/1745	1:1	0.556	0.06	20.51	20.80	1.069	0.594	22.2
Right cheek	20	QPSK 1_0	132322/1745	1:1	0.985	-0.06	20.51	20.80	1.069	1.053	22.2
Right cheek	20	QPSK 1 0	132072/1720	1:1	0.904	0.03	20.45	20.80	1.084	0.980	22.2
Right cheek	20	QPSK 1 0	132572/1770	1:1	1.010	0.06	20.46	20.80	1.081	1.092	22.2
Right cheek-repeated	20	QPSK 1 0	132572/1770	1:1	0.991	0.03	20.46	20.80	1.081	1.072	22.2
Right tilted	20	QPSK 1 0	132322/1745	1:1	0.808	-0.14	20.51	20.80	1.069	0.864	22.2
Right tilted	20	QPSK 1_0	132072/1720	1:1	0.727	0.06	20.45	20.80	1.084	0.788	22.2
Right tilted	20	QPSK 1_0	132572/1770	1:1	0.853	0.14	20.46	20.80	1.081	0.922	22.2
	1		-		est Data(5			1	1	1	
		ODSK EU U	132322/1745	1:1	0.505	-0.14	20.42	20.80	1.091	0.551	22.2
Left cheek	20	QF3N 30 U	102022/1140	1.1		-O. I-					
Left cheek Left tilted	20										22.2
Left cheek Left tilted Right cheek	20 20 20	QPSK 50_0	132322/1745 132322/1745	1:1	0.524 0.955	-0.12 -0.06	20.42	20.80	1.091	0.572	22.2 22.2



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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 relects 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 one one exore exercises and the exercise of the company, and the exercise of the company and the exercise of the company and the exercise of the company and the exercise 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: CM.Doccheck@ass.com

South of No. 6 Pent, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone
中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.:

77 of 121 Page:

		T	1		T	1	1	1	1	1	
Right cheek	20	QPSK 50_0		1:1	0.743	0.04	20.37	20.80	1.104	0.820	22.2
Right tilted	20	QPSK 50_0	132322/1745	1:1	0.805	-0.08	20.42	20.80	1.091	0.879	22.2
Right tilted	20		132072/1720	1:1	0.675	0.03	20.32	20.80	1.117	0.754	22.2
Right tilted	20	QPSK 50_0	132572/1770	1:1	0.641	-0.10	20.37	20.80	1.104	0.708	22.2
				Head Te	est Data(10	00%RB)					
Right cheek	20	QPSK 100_0	132572/1770	1:1	0.928	-0.11	20.38	20.80	1.102	1.022	22.2
Right cheek	20		132072/1720	1:1	0.888	0.07	20.33	20.80	1.114	0.989	22.2
Right cheek	20	QPSK 100_0	132572/1770	1:1	0.862	0.04	20.14	20.80	1.164	1.003	22.2
Right tilted	20	QPSK 100_0	132572/1770	1:1	0.782	-0.12	20.38	20.80	1.102	0.861	22.2
Right tilted	20	QPSK 100_0	132072/1720	1:1	0.752	0.05	20.33	20.80	1.114	0.838	22.2
Right tilted	20	QPSK 100_0	132572/1770	1:1	0.724	-0.02	20.14	20.80	1.164	0.843	22.2
			Body v	vorn Test	data(Sepa	rate 15mn	n 1RB)				
Front side	20	QPSK 1_0	132322/1745	1:1	0.288	0.05	23.63	24.30	1.167	0.336	22.2
Back side	20	QPSK 1_0	132322/1745	1:1	0.573	-0.01	23.63	24.30	1.167	0.669	22.2
			Body wo	rn Test da	ata(Separa	ite 15mm	50%RB)				
Front side	20	QPSK 50_0	132322/1745	1:1	0.275	0.13	22.60	23.30	1.175	0.323	22.2
Back side	20	QPSK 50_0	132322/1745	1:1	0.545	0.02	22.60	23.30	1.175	0.640	22.2
			Hotsp	ot Test da	ata(Separa	te 10mm	1RB)				
Front side	20	QPSK 1_0	132322/1745	1:1	0.431	-0.12	22.62	23.30	1.169	0.504	22.2
Back side	20	QPSK 1_0	132322/1745	1:1	0.932	0.08	22.62	23.30	1.169	1.090	22.2
Back side	20	QPSK 1_0	132072/1720	1:1	0.846	-0.18	22.54	23.30	1.191	1.008	22.2
Back side	20	QPSK 1_0	132572/1770	1:1	0.972	-0.05	22.59	23.30	1.178	1.145	22.2
Left side	20	QPSK 1_0	132322/1745	1:1	0.224	0.03	22.62	23.30	1.169	0.262	22.2
Top side	20	QPSK 1_0	132322/1745	1:1	0.499	-0.16	22.62	23.30	1.169	0.584	22.2
			Hotspo	t Test data	a(Separate	e 10mm 50)%RB)				
Front side	20	QPSK 50_0	132322/1745	1:1	0.404	-0.01	22.51	23.30	1.199	0.485	22.2
Back side	20	QPSK 50_0	132322/1745	1:1	0.868	0.06	22.51	23.30	1.199	1.041	22.2
Back side	20	QPSK 50_0	132072/1720	1:1	0.755	0.11	22.50	23.30	1.202	0.908	22.2
Back side	20	QPSK 50_0	132572/1770	1:1	0.839	0.07	22.43	23.30	1.222	1.025	22.2
Left side	20	QPSK 50_0	132322/1745	1:1	0.224	0.17	22.51	23.30	1.199	0.269	22.2
Top side	20	QPSK 50_0	132322/1745	1:1	0.452	0.19	22.51	23.30	1.199	0.542	22.2
			Hotspo	t Test data	a(Separate	e 10mm 50)%RB)				
Back side	20	QPSK 100_0	132322/1745	1:1	0.872	0.16	22.54	23.30	1.191	1.039	22.2
		_		_	SAR	Power			_	Scaled	
Test position	BW.	Test mode	Test ch./Freq.	Duty	(W/kg)	drift	Conducted		Scaled		
,				Cycle	10-g	(dB)	Power(dBm)	Limit(dBm)	factor	g (W/kg)	Temp.(℃
			Product speci	fic 10aSA	R Test dat	a(Separat	e 0mm 1RB)			(WV/NG)	
Back side	20	QPSK 1 0	132322/1745	1:1	1.550	-0.09	23.63	24.30	1.167	1.809	22.2
			Product specific	c 10gSAR		(Separate					
Back side			132322/1745	1:1	1.450	0.14	22.60	23.30	1.175	1.704	22.2
ble 22 CAD of L		nd CC for Hoo	. 								

Table 23: SAR of LTE Band 66 for Head and Body

Table 20: Of II Of ETE Band C	o for fload and bod	·y·				
Test Position	Channel/ Frequency	Measured SAR	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
	(MHz)	(1g)	SAR (1g)		SAR (1g)	SAR (1g)
Right cheek	132572/1770	1 010	N 991	1 019172553	N/A	N/A

Note: 1) When the original highest measured SAR is \geq 0.80 W/kg, the measurement was repeated once.

2) A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).

3) A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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) 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: CND.occheck@gs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86-512) 62992980 www.sgsgroup.com.cn sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 78 of 121

9.2.2 SAR Result of LTE Band 71

Test position BW. Test mode Test ch./Freq. Duty Cycle (W/kg) 1-g (dB) Conducted diff (dB) Conducted diff (dB) Conducted (dB) Conducted factor Conducted factor	Liquid Temp.(℃)
Test position BW. Test mode Test ch./Freq. Duty Cycle (W/kg) 1-g (w/kg) drift (dB) Power(dBm) Limit(dBm) Scaled factor SAR 1-g (W/kg)	
Left cheek 20 QPSK 1_0 133322/683 1:1 0.084 0.16 23.86 24.80 1.242 0.104 Left tilted 20 QPSK 1_0 133322/683 1:1 0.040 -0.15 23.86 24.80 1.242 0.050 Right cheek 20 QPSK 1_0 133322/683 1:1 0.103 0.05 23.86 24.80 1.242 0.128 Right tilted 20 QPSK 1_0 133322/683 1:1 0.053 0.02 23.86 24.80 1.242 0.066 Head Test Data(50%RB) Left cheek 20 QPSK 50_0 133322/683 1:1 0.075 -0.09 22.90 23.80 1.230 0.092 Left tilted 20 QPSK 50_0 133322/683 1:1 0.035 0.03 22.90 23.80 1.230 0.043 Right tilted 20 QPSK 50_0 133322/683 1:1 0.101 0.05 22.90 23.80 1.230 0.057<	
Left tilted 20 QPSK 1_0 133322/683 1:1 0.040 -0.15 23.86 24.80 1.242 0.050 Right cheek 20 QPSK 1_0 133322/683 1:1 0.103 0.05 23.86 24.80 1.242 0.128 Right tilted 20 QPSK 1_0 133322/683 1:1 0.053 0.02 23.86 24.80 1.242 0.066 Left cheek 20 QPSK 50_0 133322/683 1:1 0.075 -0.09 22.90 23.80 1.230 0.092 Left tilted 20 QPSK 50_0 133322/683 1:1 0.035 0.03 22.90 23.80 1.230 0.043 Right cheek 20 QPSK 50_0 133322/683 1:1 0.101 0.05 22.90 23.80 1.230 0.124 Right tilted 20 QPSK 50_0 133322/683 1:1 0.046 -0.12 22.90 23.80 1.230 0.057 Body worn Test data	
Right cheek 20 QPSK 1_0 133322/683 1:1 0.103 0.05 23.86 24.80 1.242 0.128 Right tilted 20 QPSK 1_0 133322/683 1:1 0.053 0.02 23.86 24.80 1.242 0.066 Head Test Data(50%RB) Left cheek 20 QPSK 50_0 133322/683 1:1 0.075 -0.09 22.90 23.80 1.230 0.092 Left tilted 20 QPSK 50_0 133322/683 1:1 0.035 0.03 22.90 23.80 1.230 0.043 Right cheek 20 QPSK 50_0 133322/683 1:1 0.101 0.05 22.90 23.80 1.230 0.124 Right tilted 20 QPSK 50_0 133322/683 1:1 0.046 -0.12 22.90 23.80 1.230 0.057 Body worn Test data(Separate 15mm 1RB) Front side 20 QPSK 1_0 133322/683 1:1	22.1
Right tilted 20 QPSK 1_0 133322/683 1:1 0.053 0.02 23.86 24.80 1.242 0.066 Head Test Data(50%RB) Left cheek 20 QPSK 50_0 133322/683 1:1 0.075 -0.09 22.90 23.80 1.230 0.092 Left tilted 20 QPSK 50_0 133322/683 1:1 0.035 0.03 22.90 23.80 1.230 0.043 Right cheek 20 QPSK 50_0 133322/683 1:1 0.101 0.05 22.90 23.80 1.230 0.124 Right tilted 20 QPSK 50_0 133322/683 1:1 0.046 -0.12 22.90 23.80 1.230 0.057 Body worn Test data(Separate 15mm 1RB) Front side 20 QPSK 1_0 133322/683 1:1 0.208 0.09 23.86 24.80 1.242 0.350 Body worn Test data(Separate 15mm 50%RB) Front side 20 QPSK 50	22.1
Head Test Data(50%RB) Left cheek 20	22.1
Left cheek 20 QPSK 50_0 133322/683 1:1 0.075 -0.09 22.90 23.80 1.230 0.092 Left tilted 20 QPSK 50_0 133322/683 1:1 0.035 0.03 22.90 23.80 1.230 0.043 Right cheek 20 QPSK 50_0 133322/683 1:1 0.101 0.05 22.90 23.80 1.230 0.124 Right tilted 20 QPSK 50_0 133322/683 1:1 0.046 -0.12 22.90 23.80 1.230 0.057 Front side 20 QPSK 1_0 133322/683 1:1 0.208 0.09 23.86 24.80 1.242 0.258 Back side 20 QPSK 1_0 133322/683 1:1 0.282 0.02 23.86 24.80 1.242 0.350 Front side 20 QPSK 50_0 133322/683 1:1 0.169 0.14 22.90 23.80 1.230 0.208 Back side 20	22.1
Left tilted 20 QPSK 50_0 133322/683 1:1 0.035 0.03 22.90 23.80 1.230 0.043 Right cheek 20 QPSK 50_0 133322/683 1:1 0.101 0.05 22.90 23.80 1.230 0.124 Right tilted 20 QPSK 50_0 133322/683 1:1 0.046 -0.12 22.90 23.80 1.230 0.057 Body worn Test data(Separate 15mm 1RB) Front side 20 QPSK 1_0 133322/683 1:1 0.208 0.09 23.86 24.80 1.242 0.258 Body worn Test data(Separate 15mm 50%RB) Front side 20 QPSK 50_0 133322/683 1:1 0.169 0.14 22.90 23.80 1.230 0.208 Back side 20 QPSK 50_0 133322/683 1:1 0.169 0.14 22.90 23.80 1.230 0.208 Back side 20 QPSK 50_0 133322/683 1:1 0.237	
Right cheek 20 QPSK 50_0 133322/683 1:1 0.101 0.05 22.90 23.80 1.230 0.124 Right tilted 20 QPSK 50_0 133322/683 1:1 0.046 -0.12 22.90 23.80 1.230 0.057 Body worn Test data(Separate 15mm 1RB) Front side 20 QPSK 1_0 133322/683 1:1 0.208 0.09 23.86 24.80 1.242 0.258 Body worn Test data(Separate 15mm 50%RB) Front side 20 QPSK 50_0 133322/683 1:1 0.169 0.14 22.90 23.80 1.230 0.208 Back side 20 QPSK 50_0 133322/683 1:1 0.237 0.01 22.90 23.80 1.230 0.208	22.1
Right tilted 20 QPSK 50_0 133322/683 1:1 0.046 -0.12 22.90 23.80 1.230 0.057 Body worn Test data(Separate 15mm 1RB) Front side 20 QPSK 1_0 133322/683 1:1 0.208 0.09 23.86 24.80 1.242 0.258 Back side 20 QPSK 1_0 133322/683 1:1 0.282 0.02 23.86 24.80 1.242 0.350 Body worn Test data(Separate 15mm 50%RB) Front side 20 QPSK 50_0 133322/683 1:1 0.169 0.14 22.90 23.80 1.230 0.208 Back side 20 QPSK 50_0 133322/683 1:1 0.237 0.01 22.90 23.80 1.230 0.292	22.1
Body worn Test data(Separate 15mm 1RB) Front side 20 QPSK 1_0 133322/683 1:1 0.208 0.09 23.86 24.80 1.242 0.258 Back side 20 QPSK 1_0 133322/683 1:1 0.282 0.02 23.86 24.80 1.242 0.350 Body worn Test data(Separate 15mm 50%RB) Front side 20 QPSK 50_0 133322/683 1:1 0.169 0.14 22.90 23.80 1.230 0.208 Back side 20 QPSK 50_0 133322/683 1:1 0.237 0.01 22.90 23.80 1.230 0.292	22.1
Front side 20 QPSK 1_0 133322/683 1:1 0.208 0.09 23.86 24.80 1.242 0.258 Back side 20 QPSK 1_0 133322/683 1:1 0.282 0.02 23.86 24.80 1.242 0.350 Body worn Test data(Separate 15mm 50%RB) Front side 20 QPSK 50_0 133322/683 1:1 0.169 0.14 22.90 23.80 1.230 0.208 Back side 20 QPSK 50_0 133322/683 1:1 0.237 0.01 22.90 23.80 1.230 0.292	22.1
Back side 20 QPSK 1_0 133322/683 1:1 0.282 0.02 23.86 24.80 1.242 0.350 Body worn Test data(Separate 15mm 50%RB) Front side 20 QPSK 50_0 133322/683 1:1 0.169 0.14 22.90 23.80 1.230 0.208 Back side 20 QPSK 50_0 133322/683 1:1 0.237 0.01 22.90 23.80 1.230 0.292	
Body worn Test data(Separate 15mm 50%RB) Front side 20 QPSK 50_0 133322/683 1:1 0.169 0.14 22.90 23.80 1.230 0.208 Back side 20 QPSK 50_0 133322/683 1:1 0.237 0.01 22.90 23.80 1.230 0.292	22.1
Front side 20 QPSK 50_0 133322/683 1:1 0.169 0.14 22.90 23.80 1.230 0.208 Back side 20 QPSK 50_0 133322/683 1:1 0.237 0.01 22.90 23.80 1.230 0.292	22.1
Back side 20 QPSK 50_0 133322/683 1:1 0.237 0.01 22.90 23.80 1.230 0.292	
	22.1
	22.1
Hotspot Test data(Separate 10mm 1RB)	
Front side 20 QPSK 1_0 133322/683 1:1 0.171 -0.08 23.86 24.80 1.242 0.212	22.1
Back side 20 QPSK 1_0 133322/683 1:1 0.279 0.01 23.86 24.80 1.242 0.346	22.1
Left side 20 QPSK 1_0 133322/683 1:1 0.142 0.10 23.86 24.80 1.242 0.176	22.1
Rightt side 20 QPSK 1_0 133322/683 1:1 0.226 0.14 23.86 24.80 1.242 0.281	22.1
Bottom side 20 QPSK 1_0 133322/683 1:1 0.150 0.05 23.86 24.80 1.242 0.186	22.1
Hotspot Test data(Separate 10mm 50%RB)	
Front side 20 QPSK 50_0 133322/683 1:1 0.141 -0.09 22.90 23.80 1.230 0.173	22.1
Back side 20 QPSK 50_0 133322/683 1:1 0.229 -0.07 22.90 23.80 1.230 0.282	22.1
Left side 20 QPSK 50_0 133322/683 1:1 0.118 0.16 22.90 23.80 1.230 0.145	22.1
Rightt side 20 QPSK 50_0 133322/683 1:1 0.188 0.10 22.90 23.80 1.230 0.231	22.1
Bottom side 20 QPSK 50 0 133322/683 1:1 0.101 0.06 22.90 23.80 1.230 0.124	22.1

Table 24: SAR of LTE Band 71 for Head and Body.



Unless otherwise agreed in writing, 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.aspx and, for electronic format documents, subject to Terms and Conditions for Electronic Document at http://www.sgs.com/en/Terms-and-Conditions/Terms-e-Document.aspx. 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 relects 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 one one exoretion and 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) 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: CM.Doccheck@sgs.com

South of No. 6 Pent, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 79 of 121

9.2.1 SAR Result of 5G NR n25

				SAN	I25 SAR T	est Reco	rd				
				-	Ant2 Test	Record					
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)		Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
				He	ead Test d	ata(1RB)					
Left cheek	40	QPSK 1_1	376500/1882.5	1:1	0.139	0.14	22.69	23.10	1.099	0.153	22.4
Left tilted	40	QPSK 1_1	376500/1882.5	1:1	0.096	-0.19	22.69	23.10	1.099	0.106	22.4
Right cheek	40		376500/1882.5	1:1	0.098	-0.15	22.69	23.10	1.099	0.108	22.4
Right tilted	40	QPSK 1_1	376500/1882.5	1:1	0.091	0.08	22.69	23.10	1.099	0.100	22.4
				Hea	ad Test dat	,					
Left cheek		1	376500/1882.5	1:1	0.157	-0.02	22.66	23.10	1.107	0.174	22.4
Left tilted			376500/1882.5	1:1	0.091	-0.15	22.66	23.10	1.107	0.101	22.4
Right cheek			376500/1882.5	1:1	0.104	0.03	22.66	23.10	1.107	0.115	22.4
Right tilted	40	QPSK 108_54	376500/1882.5	1:1	0.090	0.08	22.66	23.10	1.107	0.100	22.4
				worn T		•	5mm 1RB)		,		T
Front side	40		376500/1882.5	1:1	0.206	-0.14	22.69	23.10	1.099	0.226	22.4
Back side	40	QPSK 1_1	376500/1882.5	1:1	0.312	0.15	22.69	23.10	1.099	0.343	22.4
							mm 50%RB)				
Front side			376500/1882.5		0.213	0.04	22.66	23.10	1.107	0.236	22.4
Back side	40	QPSK 108_54	376500/1882.5		0.279	0.09	22.66	23.10	1.107	0.309	22.4
				pot Tes	st data(Se				1		Ī
Front side	40		376500/1882.5	1:1	0.354	0.07	22.69	23.10	1.099	0.389	22.4
Back side	40		376500/1882.5	1:1	0.575	0.17	22.69	23.10	1.099	0.632	22.4
Left side	40		376500/1882.5	1:1	0.317	-0.02	22.69	23.10	1.099	0.348	22.4
Bottom side	40	QPSK 1_1	376500/1882.5	1:1	0.347	-0.19	22.69	23.10	1.099	0.381	22.4
							m 50%RB)				ı
Front side	_	_	376500/1882.5	1:1	0.370	-0.05	22.66	23.10	1.107	0.409	22.4
Back side			376500/1882.5	1:1	0.610	-0.12	22.66	23.10	1.107	0.675	22.4
Left side			376500/1882.5	1:1	0.331	0.04	22.66	23.10	1.107	0.366	22.4
Bottom side	40	QPSK 108_54	376500/1882.5	1:1	0.373	-0.18	22.66	23.10	1.107	0.413	22.4
			1		Ant3 Test	ì	1		1		ı
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)		Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
	-!		!	Н	ead Test d		ļ		ļI	(**************************************	
Left cheek	40	QPSK 1 1	376500/1882.5	1:1	0.584	0.04	20.63	21.30	1.167	0.681	22.4
Left tilted	40	QPSK 1 1	376500/1882.5	1:1	0.682	0.02	20.63	21.30	1.167	0.796	22.4
Right cheek	40		376500/1882.5	1:1	0.986	-0.05	20.63	21.30	1.167	1.150	22.4
Right tilted	40	QPSK 1 1	376500/1882.5	1:1	1.010	0.19	20.63	21.30	1.167	1.178	22.4
ragin anod	1.0	Qi Oit i_i	07 00007 1002.0		ad Test dat			21.00	1.107	1.170	
Left cheek	40	OPSK 108 54	376500/1882.5				20.61	21.30	1.172	0.787	22.4
Left tilted			376500/1882.5		0.795	-0.07	20.61	21.30	1.172	0.932	22.4
Right cheek			376500/1882.5		1.030	0.18	20.61	21.30	1.172	1.207	22.4
Right tilted	_		376500/1882.5		1.090	0.03	20.61	21.30	1.172	1.278	22.4
Right tilted-repeate	_		376500/1882.5		1.050	0.03	20.61	21.30	1.172	1.231	22.4
agar arou-ropoate	<u>ч</u> то	<u> </u>	0.0000/1002.0		d Test data			21.00	1.112	1.201	_ <u></u>
Left tilted	40	OPSK 216 0	376500/1882.5		0.693	0.06	20.55	21.30	1.189	0.824	22.4
Right cheek			376500/1882.5		0.965	-0.01	20.55	21.30	1.189	1.147	22.4
Right tilted	_		376500/1882.5		0.993	-0.01	20.55	21.30	1.189	1.180	22.4
ragin unou	1 70	Q1 01(210_0					5mm 1RB)	21.00	1.100	1.100	
Front side	40	QPSK 1_1	376500/1882.5		0.454	0.16	23.67	24.30	1.156	0.525	22.4
Back side	40		376500/1882.5		0.716	-0.03	23.67	24.30	1.156	0.828	22.4
Dack side	+0	_ \u01\01\1_1	0.0000/1002.0	1.1	0.7 10	-0.00	20.01	۷۳.۵0	1.100	0.020	44.7



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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 relects 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 one one 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) 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: CAD.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pllot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜裔1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 80 of 121

		,					mm 50%RB)				
Front side			376500/1882.5		0.460	0.03	23.55	24.30	1.189	0.547	22.4
Back side	40	QPSK 108_54	376500/1882.5	1:1	0.652	-0.03	23.55	24.30	1.189	0.775	22.4
					data (Sep	arate 15n	nm 100%RB)				
Back side	40	QPSK 216_0	376500/1882.5	1:1	0.628	0.08	22.49	23.30	1.205	0.757	22.4
			Hots	pot Tes	st data(Sep	arate 10r	mm 1RB)				
Front side	40	QPSK 1_1	376500/1882.5	1:1	0.512	0.01	22.14	22.80	1.164	0.596	22.4
Back side	40	QPSK 1_1	376500/1882.5	1:1	0.772	-0.04	22.14	22.80	1.164	0.899	22.4
Left side	40	QPSK 1_1	376500/1882.5	1:1	0.310	-0.15	22.14	22.80	1.164	0.361	22.4
Top side	40	QPSK 1_1	376500/1882.5	1:1	0.812	0.19	22.14	22.80	1.164	0.945	22.4
			Hotspo	t Test	data (Sepa	rate 10m	m 50%RB)				
Front side	40	QPSK 108_54	376500/1882.5	1:1	0.519	0.09	22.11	22.80	1.172	0.608	22.4
Back side	40	QPSK 108_54	376500/1882.5	1:1	1.080	-0.12	22.11	22.80	1.172	1.266	22.4
Left side	40	QPSK 108_54	376500/1882.5	1:1	0.270	0.13	22.11	22.80	1.172	0.316	22.4
Top side	40	QPSK 108_54	376500/1882.5	1:1	0.921	-0.07	22.11	22.80	1.172	1.080	22.4
			Hotspot	t Test c	lata (Sepa	rate 10mr	n 100%RB)				
Back side	40	QPSK 216_0	376500/1882.5	1:1	0.825	-0.05	22.09	22.80	1.178	0.972	22.4
Top side	40	QPSK 216_0	376500/1882.5	1:1	0.806	0.03	22.09	22.80	1.178	0.949	22.4
										0 11	
Test position	BW.	Modulation		Duty Cycle	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Test position			Product spec	Cycle	(W/kg) 10-g	drift (dB)		Limit(dBm)	factor	SAR 1-g	Temp.(℃)
Test position Back side	BW .	QPSK 1_1	Product spec 376500/1882.5	Cycle cific 10g 1:1	(W/kg) 10-g	drift (dB) data(Sep 0.01	Power(dBm) parate 0mm 1F 23.67	Limit(dBm)		SAR 1-g	
•		QPSK 1_1	Product spec	Cycle cific 10g 1:1	(W/kg) 10-g gSAR Test	drift (dB) data(Sep	Power(dBm) parate 0mm 1F	Limit(dBm)	factor	SAR 1-g (W/kg)	Temp.(℃)
Back side	40 40	QPSK 1_1 QPSK 1_1	Product spec 376500/1882.5 376500/1882.5 Product specific	Cycle bific 10g 1:1 1:1 c 10gS/	(W/kg) 10-g gSAR Test 1.840 2.020	drift (dB) data(Sep 0.01 -0.10	Power(dBm) parate 0mm 1F 23.67 23.67	Limit(dBm) RB) 24.30 24.30	1.156	SAR 1-g (W/kg)	Temp.(℃)
Back side	40 40	QPSK 1_1 QPSK 1_1	Product spec 376500/1882.5 376500/1882.5	Cycle bific 10g 1:1 1:1 c 10gS/	(W/kg) 10-g gSAR Test 1.840 2.020	drift (dB) data(Sep 0.01 -0.10	Power(dBm) parate 0mm 1F 23.67 23.67	Limit(dBm) RB) 24.30 24.30	1.156	SAR 1-g (W/kg)	Temp.(℃)
Back side Top side	40 40 40 40	QPSK 1_1 QPSK 1_1 QPSK 108_54 QPSK 108_54	Product spec 376500/1882.5 376500/1882.5 Product specific 376500/1882.5 376500/1882.5	Cycle ific 10g 1:1 1:1 : 10gS/ 1:1 1:1	(W/kg) 10-g gSAR Test 1.840 2.020 AR Test da 1.950 2.460	drift (dB) data(Sep 0.01 -0.10 ata (Separ -0.01 0.18	Power(dBm) parate 0mm 1F 23.67 23.67 rate 10mm 50° 23.55 23.55	Limit(dBm) RB) 24.30 24.30 %RB)	1.156 1.156	SAR 1-g (W/kg) 2.127 2.335	Temp.(℃) 22.4 22.4
Back side Top side Back side	40 40 40 40	QPSK 1_1 QPSK 1_1 QPSK 108_54 QPSK 108_54	Product spec 376500/1882.5 376500/1882.5 Product specific 376500/1882.5	Cycle ific 10g 1:1 1:1 : 10gS/ 1:1 1:1	(W/kg) 10-g gSAR Test 1.840 2.020 AR Test da 1.950	drift (dB) data(Sep 0.01 -0.10 ata (Sepa -0.01	Power(dBm) parate 0mm 1F 23.67 23.67 rate 10mm 500 23.55	Limit(dBm) RB) 24.30 24.30 %RB) 24.30	1.156 1.156 1.189	2.127 2.335 2.318	22.4 22.4 22.4
Back side Top side Back side Top side	40 40 40 40 40	QPSK 1_1 QPSK 1_1 QPSK 108_54 QPSK 108_54 QPSK 108_54	Product speci 376500/1882.5 376500/1882.5 Product specific 376500/1882.5 376500/1882.5 376500/1882.5 Product specific	Cycle iffic 100 1:1 1:1 : 10gS/ 1:1 1:1 1:1 10gS/	(W/kg) 10-g gSAR Test 1.840 2.020 AR Test da 1.950 2.460 2.390	drift (dB) data(Sep 0.01 -0.10 ata (Sepal -0.01 0.18	Power(dBm) 23.67 23.67 23.67 rate 10mm 500 23.55 23.55 23.55	Limit(dBm) 24.30 24.30 %RB) 24.30 24.30 24.30 24.30	1.156 1.156 1.189 1.189 1.189	2.127 2.335 2.318 2.924	22.4 22.4 22.4 22.4 22.4 22.4
Back side Top side Back side Top side	40 40 40 40 40	QPSK 1_1 QPSK 1_1 QPSK 108_54 QPSK 108_54 QPSK 108_54 I QPSK 216_0	Product spec 376500/1882.5 376500/1882.5 Product specific 376500/1882.5 376500/1882.5 Product specific 376500/1882.5	Cycle sific 10gS/ 1:1 1:1 1:1 1:1 1:1 1:1 1:1 10gS/ 1:1	(W/kg) 10-g gSAR Test 1.840 2.020 AR Test da 1.950 2.460 2.390	drift (dB) data(Sep 0.01 -0.10 ata (Sepal -0.01 0.18 0.18 ta (Separ 0.14	Power(dBm) 23.67 23.67 23.67 rate 10mm 500 23.55 23.55 23.55 ate 10mm 100 22.49	Limit(dBm) 24.30 24.30 %RB) 24.30 24.30 24.30 24.30	1.156 1.156 1.189 1.189 1.189	2.127 2.335 2.318 2.924 2.841	22.4 22.4 22.4 22.4 22.4
Back side Top side Back side Top side Top side	40 40 40 40 40	QPSK 1_1 QPSK 1_1 QPSK 108_54 QPSK 108_54 QPSK 108_54 I QPSK 216_0	Product speci 376500/1882.5 376500/1882.5 Product specific 376500/1882.5 376500/1882.5 376500/1882.5 Product specific	Cycle sific 10gS/ 1:1 1:1 1:1 1:1 1:1 1:1 1:1 10gS/ 1:1	(W/kg) 10-g gSAR Test 1.840 2.020 AR Test da 1.950 2.460 2.390 AR Test da	drift (dB) data(Sep 0.01 -0.10 ata (Separ -0.01 0.18 0.18 ta (Separ	Power(dBm) 23.67 23.67 23.67 rate 10mm 500 23.55 23.55 23.55 23.55 ate 10mm 100	Limit(dBm) 24.30 24.30 %RB) 24.30 24.30 24.30 24.30 24.30 %RB)	1.156 1.156 1.189 1.189 1.189	2.127 2.335 2.318 2.924 2.841	22.4 22.4 22.4 22.4 22.4 22.4

Table 25: SAR of 5G NR n25 for Head and Body.

Test Position	Channel/ Frequency	Measured SAR	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Test Position	(MHz)	(1g)	SAR (1g)	Rallo	SAR (1g)	SAR (1g)
Right tilted	Right tilted 376500/1882.5		1.050	1.038095238	N/A	N/A
		0.00.1477 41				

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.

2) A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).

3) A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg

Test Position	Channel/ Frequency	Measured SAR	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated	
Test Position	(MHz)	(10g)	SAR (10g)	Ralio	SAR (10g)	SAR (10g)	
Top side	376500/1882.5	2.460	2.390	1.029288703	N/A	N/A	

Note: 1) When the original highest measured SAR is ≥ 2.0 W/kg, the measurement was repeated once.

2) A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 3.625 W/kg (~ 10% from the 10-g SAR limit).

3) A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 3.0 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

4) Repeated measurements are not required when the original highest measured SAR is < 2.0 W/kg



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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) 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: CND.occheck@gs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Plat Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路(号的6号厂房南部 邮编: 215000

t (86–512) 62992980

sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 81 of 121

9.2.2 SAR Result of 5G NR n26

SA N26 SAR Test Record													
					Ant1 Test								
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)		
				He	ead Test	data(1RB)						
Left cheek	20	QPSK 1_1	166300/831.5	1:1	0.171	0.06	24.43	24.80	1.089	0.186	22.4		
Left tilted	20	QPSK 1_1	166300/831.5	1:1	0.095	0.13	24.43	24.80	1.089	0.103	22.4		
Right cheek	20	QPSK 1_1	166300/831.5	1:1	0.177	0.11	24.43	24.80	1.089	0.193	22.4		
Right tilted	20	QPSK 1_1	166300/831.5	1:1	0.110	0.14	24.43	24.80	1.089	0.120	22.4		
				Hea	nd Test da	ata(50%R	(B)						
Left cheek 20 QPSK 50_28 166300/831.5 1:1 0.171 0.01 24.26 24.80 1.132 0.194 22.4													
Left tilted	20	QPSK 50_28	166300/831.5	1:1	0.094	-0.18	24.26	24.80	1.132	0.106	22.4		
Right cheek	20	QPSK 50_28	166300/831.5	1:1	0.194	0.02	24.26	24.80	1.132	0.220	22.4		
Right tilted	20	QPSK 50_28	166300/831.5	1:1	0.111	-0.11	24.26	24.80	1.132	0.126	22.4		
			Body	worn T	est data(S	Separate	15mm 1RB)						
Front side	20	QPSK 1_1	166300/831.5	1:1	0.200	-0.05	24.43	24.80	1.089	0.218	22.4		
Back side	20	QPSK 1 1	166300/831.5	1:1	0.266	-0.08	24.43	24.80	1.089	0.290	22.4		
			Body	worn Tes	st data(Se	parate 1	5mm 50%RB)						
Front side	20	QPSK 50_28	166300/831.5	1:1	0.194	0.09	24.26	24.80	1.132	0.220	22.4		
Back side	20	QPSK 50_28	166300/831.5	1:1	0.309	-0.04	24.26	24.80	1.132	0.350	22.4		
			Hot	spot Tes	st data(Se	parate 10	Omm 1RB)						
Front side	20	QPSK 1_1	166300/831.5	1:1	0.266	0.19	24.43	24.80	1.089	0.290	22.4		
Back side	20	QPSK 1_1	166300/831.5	1:1	0.577	-0.01	24.43	24.80	1.089	0.628	22.4		
Left side	20	QPSK 1_1	166300/831.5	1:1	0.174	0.02	24.43	24.80	1.089	0.189	22.4		
Rightt side	20	QPSK 1_1	166300/831.5	1:1	0.226	-0.05	24.43	24.80	1.089	0.246	22.4		
Bottom side	20	QPSK 1_1	166300/831.5	1:1	0.264	-0.02	24.43	24.80	1.089	0.287	22.4		
			Hotsp	ot Test	data (Sep	arate 10r	mm 50%RB)						
Front side	20	QPSK 50_28	166300/831.5	1:1	0.285	-0.01	24.26	24.80	1.132	0.323	22.4		
Back side	20	QPSK 50_28	166300/831.5	1:1	0.536	0.07	24.26	24.80	1.132	0.607	22.4		
Left side	20	QPSK 50_28	166300/831.5	1:1	0.169	0.01	24.26	24.80	1.132	0.191	22.4		
Rightt side	20	QPSK 50_28	166300/831.5	1:1	0.238	0.03	24.26	24.80	1.132	0.270	22.4		
Bottom side	20	QPSK 50_28	166300/831.5	1:1	0.265	-0.03	24.26	24.80	1.132	0.300	22.4		

Table 26: SAR of 5G NR n26 for Head and Body.

9.2.3 SAR Result of 5G NR n30

				SA	N30 SAF	R Test Re	cord							
	Ant3 Test Record													
Test position	Cycle 1-g' (dB) Power(dBm) Limit(dBm) factor (W/kg) Temp													
	Head Test data(1RB)													
Left cheek														
Left tilted	10	QPSK 1_1	462000/2310	1:1	0.916	-0.13	16.91	17.30	1.094	1.002	22.1			
Right cheek	10	QPSK 1_1	462000/2310	1:1	0.927	-0.02	16.91	17.30	1.094	1.014	22.1			
Right tilted	10	QPSK 1_1	462000/2310	1:1	1.090	0.10	16.91	17.30	1.094	1.192	22.1			
				He	ead Test o	data(50%	RB)							
Left cheek	10	QPSK 25_14	462000/2310	1:1	0.675	-0.04	16.72	17.30	1.143	0.771	22.1			
Left tilted	10	QPSK 25_14	462000/2310	1:1	0.823	-0.02	16.72	17.30	1.143	0.941	22.1			
Right cheek											22.1			
Right tilted	10	QPSK 25_14	462000/2310	1:1	0.971	0.06	16.72	17.30	1.143	1.110	22.1			



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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) 83071443, or email: CM.Doccheck@sgs.com

South of No. 6 Pent, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone
中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 82 of 121

				He	ad Test d	ata(100%	RB)				
Left cheek	10	QPSK 50 0	462000/2310	1:1	0.489	0.12	16.71	17.30	1.146	0.560	22.1
Left tilted	10	QPSK 50 0	462000/2310	1:1	0.601	0.05	16.71	17.30	1.146	0.688	22.1
Right cheek	10	QPSK 50 0	462000/2310	1:1	0.797	-0.10	16.71	17.30	1.146	0.913	22.1
Right tilted	10	QPSK 50_0	462000/2310	1:1	0.942	-0.17	16.71	17.30	1.146	1.079	22.1
			Boo	dy worn	Test data	(Separate	e 15mm 1RB)				
Front side	10	QPSK 1_1	462000/2310	1:1	0.152	0.02	19.37	19.80	1.104	0.168	22.1
Back side	10	QPSK 1_1	462000/2310	1:1	0.535	0.07	19.37	19.80	1.104	0.591	22.1
			Body	worn T	est data(S	Separate	15mm 50%RE	3)			
Front side	10	QPSK 25_14	462000/2310	1:1	0.162	0.01	19.29	19.80	1.125	0.182	22.1
Back side	10	QPSK 25_14	462000/2310	1:1	0.581	0.15	19.29	19.80	1.125	0.653	22.1
				otspot Te	est data(S	Separate	10mm 1RB)				
Front side	10	QPSK 1_1	462000/2310	1:1	0.276	0.06	18.43	18.80	1.089	0.301	22.1
Back side	10	QPSK 1_1	462000/2310	1:1	1.000	0.11	18.43	18.80	1.089	1.089	22.1
Left side	10	QPSK 1_1	462000/2310	1:1	0.058	0.07	18.43	18.80	1.089	0.063	22.1
Top side	10	QPSK 1_1	462000/2310	1:1	0.939	-0.11	18.43	18.80	1.089	1.023	22.1
			Hots	spot Tes	t data (Se	parate 1	0mm 50%RB)				
Front side	10	QPSK 25_14	462000/2310	1:1	0.280	0.12	18.40	18.80	1.096	0.307	22.1
Back side	10	QPSK 25_14	462000/2310	1:1	1.090	-0.16	18.40	18.80	1.096	1.195	22.1
Back side-repeated	10	QPSK 25_14	462000/2310	1:1	1.060	0.02	18.40	18.80	1.096	1.162	22.1
Left side	10	QPSK 25_14	462000/2310	1:1	0.055	-0.14	18.40	18.80	1.096	0.060	22.1
Top side	10	QPSK 25_14	462000/2310	1:1	0.975	80.0	18.40	18.80	1.096	1.069	22.1
				pot Test	data (Se	parate 10	mm 100%RB)			
Back side	10	QPSK 50_0	462000/2310	1:1	0.995	-0.16	18.23	18.80	1.140	1.135	22.1
Top side	10	QPSK 50_0	462000/2310	1:1	0.946	0.07	18.23	18.80	1.140	1.079	22.1
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
				pecific 1	0gSAR Te	est data(S	Separate 0mm	1RB)			
Back side	10	QPSK 1_1	462000/2310	1:1	1.700	0.06	19.37	19.80	1.104	1.877	22.1
Top side	10	QPSK 1_1	462000/2310	1:1	2.300	-0.11	19.37	19.80	1.104	2.539	22.1
				cific 10g	SAR Tes	t data (Se	eparate 0mm t	50%RB)			
Back side		_	462000/2310	1:1	1.680	-0.04	19.29	19.80	1.125	1.889	22.1
Top side			462000/2310	1:1	2.310	0.09	19.29	19.80	1.125	2.598	22.1
Top side -repeated	10	QPSK 25_14	462000/2310	1:1	2.260	0.03	19.29	19.80	1.125	2.542	22.1
						data (Se	parate 0mm 1				
Top side	10	QPSK 50_0	462000/2310	1:1	1.790	-0.02	19.22	19.80	1.143	2.046	22.1

Table 27: SAR of 5G NR n30 for Head and Body.

Test Position	Channel/ Frequency	Measured SAR	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Test Position	(MHz)	(1g)	SAR (1g)	Ralio	SAR (1g)	SAR (1g)
Back side	462000/2310	1.090	1.060	1.028301887	N/A	N/A

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.

2) A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).

3) A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg

Test Position	Channel/ Frequency	Measured SAR	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated	
Test Position	(MHz)	(10g)	SAR (10g)	Ralio	SAR (10g)	SAR (10g)	
Top side	462000/2310	2.310	2.260	1.022123894	N/A	N/A	

Note: 1) When the original highest measured SAR is ≥ 2.0 W/kg, the measurement was repeated once.

 A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 3.625 W/kg (~ 10% from the 10-g SAR limit).

3) A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 3.0 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.



Unless otherwise agreed in writing, 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.aspx. 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) 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

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pikot Fee Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

15000 t (86–512) 629

sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 83 of 121

4) Repeated measurements are not required when the original highest measured SAR is < 2.0 W/kg

9.2.4 SAR Result of 5G NR n41

SA N41 SAR Test Record											
			An	t1 Test	Record				·		
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)		Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃
			Hea	d Test	data(1RI	_ `				(**/tg/	
Left cheek PC2	100	QPSK 1 1	518598/2592.99	1:1	0.139	0.17	25.08	25.50	1.102	0.153	22.1
Left tilted PC2	100	_	518598/2592.99	1:1	0.181	0.02	25.08	25.50	1.102	0.199	22.1
Right cheek PC2	100	QPSK 1 1	518598/2592.99	1:1	0.227	-0.05	25.08	25.50	1.102	0.250	22.1
Right tilted PC2	100	QPSK 1_1	518598/2592.99	1:1	0.112	-0.07	25.08	25.50	1.102	0.123	22.1
			Head	Test da	ata(50%l	RB)					
Left cheek PC2	100	QPSK 135_69	518598/2592.99	1:1	0.142	-0.12	24.91	25.50	1.146	0.163	22.1
Left tilted PC2			518598/2592.99	1:1	0.147	0.03	24.91	25.50	1.146	0.168	22.1
Right cheek PC2	100	QPSK 135_69	518598/2592.99	1:1	0.260	0.04	24.91	25.50	1.146	0.298	22.1
Right cheek-PC3			518598/2592.99	1:1.25	0.179	0.04	22.44	22.80	1.086	0.194	22.1
Right tilted PC2	100	QPSK 135_69	518598/2592.99	1:1	0.092	-0.01	24.91	25.50	1.146	0.105	22.1
			Body worn Tes	t data(Separate	15mm	1RB)				
Front side PC2&3	100		518598/2592.99			-0.12	20.89	21.80	1.233	0.150	22.1
Back side PC2&3	100	QPSK 1_1	518598/2592.99	1:1.25	0.462	0.07	20.89	21.80	1.233	0.570	22.1
			Body worn Test o		•	15mm 50	,				
Front side PC2&3			518598/2592.99			-0.17	20.87	21.80	1.239	0.142	22.1
Back side PC2&3	100		518598/2592.99			0.15	20.87	21.80	1.239	0.500	22.1
			ody worn Test d	•	•	5mm 10	0%RB)	•			
Back side PC2&3	100	QPSK 270_0	518598/2592.99			0.15	20.81	21.80	1.256	0.614	22.1
			Hotspot Test						,		
Front side PC2&3	100		518598/2592.99			-0.03	20.89	21.80	1.233	0.321	22.1
Back side PC2&3	100	_	518598/2592.99			0.09	20.89	21.80	1.233	1.195	22.1
Left side PC2&3	100	QPSK 1_1	518598/2592.99	1:1.25	0.028	-0.17	20.89	21.80	1.233	0.035	22.1
Right side PC2&3	100		518598/2592.99			0.13	20.89	21.80	1.233	0.158	22.1
Bottom side PC2&3	100	QPSK 1_1	518598/2592.99			0.04	20.89	21.80	1.233	1.078	22.1
		•	Hotspot Test da								
Front side PC2&3			518598/2592.99			0.12	20.87	21.80	1.239	0.251	22.1
Back side PC2&3			518598/2592.99			0.09	20.87	21.80	1.239	0.949	22.1
Left side PC2&3			518598/2592.99			0.04	20.87	21.80	1.239	0.031	22.1
Right side PC2&3	_	_	518598/2592.99			-0.07	20.87	21.80	1.239	0.156	22.1
Bottom side PC2&3	100	QPSK 135_69	518598/2592.99			0.16	20.87	21.80	1.239	0.883	22.1
		•	Hotspot Test dat	<u> </u>		1					
Back side PC2&3			518598/2592.99			0.09	20.81	21.80	1.256	0.941	22.1
Bottom side PC2&3	100	QPSK 270_0	518598/2592.99			-0.03	20.81	21.80	1.256	0.865	22.1
			An	t3 Test	Record		1		1		
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃
			Hea	d Test	data(1RI					(9)	
Left cheek PC2&3	100	QPSK 1 1	518598/2592.99			0.09	18.34	18.80	1.112	0.372	22.1
Left tilted PC2&3	100		518598/2592.99			-0.19	18.34	18.80	1.112	0.489	22.1
Right cheek PC2&3	100		518598/2592.99			0.08	18.34	18.80	1.112	0.872	22.1
Right tilted PC2&3	100		518598/2592.99			0.17	18.34	18.80	1.112	0.956	22.1
	1.00	<u> </u>			ata(50%l		10.01	10.00	1	3.000	
			ricau	. 551 46	(00 /01	,	18.28				



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined herein. 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) 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: CAl. Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 84 of 121

Left tilted PC2&3	100	QPSK 135_69	518598/2592.99	1:1.25	0.509	0.03	18.28	18.80	1.127	0.574	22.1
Right cheek PC2&3			518598/2592.99			0.05	18.28	18.80	1.127	1.161	22.1
Right tilted PC2&3	100	QPSK 135_69	518598/2592.99	1:1.25	1.090	0.06	18.28	18.80	1.127	1.229	22.1
Right tilted PC2&3-repeated	100	QPSK 135_69	518598/2592.99	1:1.25	1.070	0.02	18.28	18.80	1.127	1.206	22.1
					ta(100%	RB)					
Right cheek PC2&3	100	QPSK 270_0	518598/2592.99	1:1.25	1.010	0.12	18.26	18.80	1.132	1.144	22.1
Right tilted PC2&3	100	QPSK 270_0	518598/2592.99			-0.09	18.26	18.80	1.132	1.200	22.1
			Body worn Tes			4					
Front side PC2&3	100		518598/2592.99			-0.12	20.11	20.80	1.172	0.243	22.1
Back side PC2&3	100	_	518598/2592.99			80.0	20.11	20.80	1.172	0.989	22.1
			Body worn Test d			15mm 50	0%RB)				
Front side PC2&3			518598/2592.99			0.08	19.99	20.80	1.205	0.274	22.1
Back side PC2&3	100		518598/2592.99			0.12	19.99	20.80	1.205	1.053	22.1
			Body worn Test da			5mm 10	0%RB)				
Back side PC2&3	100	QPSK 270_0	518598/2592.99			0.10	20.07	20.80	1.183	0.981	22.1
			Hotspot Test	data(Se	eparate 1	10mm 1F	RB)				
Front side PC2&3	100	QPSK 1_1	518598/2592.99	1:1.25	0.144	-0.02	18.34	18.80	1.112	0.160	22.1
Back side PC2&3	100	QPSK 1_1	518598/2592.99	1:1.25	0.740	-0.11	18.34	18.80	1.112	0.823	22.1
Left side PC2&3	100	QPSK 1_1	518598/2592.99	1:1.25	0.124	-0.06	18.34	18.80	1.112	0.138	22.1
Top side PC2&3	100	QPSK 1_1	518598/2592.99	1:1.25	0.557	0.18	18.34	18.80	1.112	0.619	22.1
			Hotspot Test da	ta (Sep	arate 10	0mm 50%	%RB)				
Front side PC2&3	100	QPSK 135_69	518598/2592.99	1:1.25	0.213	0.06	18.28	18.80	1.127	0.240	22.1
Back side PC2&3	100	QPSK 135_69	518598/2592.99	1:1.25	1.080	0.08	18.28	18.80	1.127	1.217	22.1
Left side PC2&3	100	QPSK 135_69	518598/2592.99	1:1.25	0.180	-0.09	18.28	18.80	1.127	0.203	22.1
Top side PC2&3	100	QPSK 135_69	518598/2592.99	1:1.25	0.857	0.11	18.28	18.80	1.127	0.966	22.1
			Hotspot Test da	ta (Sep	arate 10	0mm 50%	%RB)				
Dark St. DOOGO	100	ODSK 270 0	E40E00/2E02 00	1.1 25	1 010	0.12	18.26	18.80	1.132	1.144	22.1
Back side PC2&3	100	QF3K 2/0_0	518598/2592.99	1.1.23	1.010	0.12	10.20	10.00	1.102	1.177	
Back side PC2&3 Top side PC2&3	100		518598/2592.99			-0.17	18.26	18.80	1.132	0.939	22.1
				1:1.25			18.26	18.80	1.132	0.939 Scaled	22.1
Top side PC2&3		QPSK 270_0	518598/2592.99	1:1.25 Duty	0.829 SAR (W/kg)	-0.17 Power drift	18.26 Conducted	18.80 Tune up	1.132 Scaled	0.939 Scaled SAR 1-g	22.1
Top side PC2&3	100	QPSK 270_0 Modulation	518598/2592.99 Test ch./Freq.	1:1.25 Duty Cycle	0.829 SAR (W/kg) 10-g	-0.17 Power drift (dB)	18.26 Conducted Power(dBm)	18.80 Tune up	1.132 Scaled	0.939 Scaled	22.1
Top side PC2&3 Test position	100 BW .	QPSK 270_0 Modulation Prod	518598/2592.99 Test ch./Freq. uct specific 10gS	1:1.25 Duty Cycle AR Tes	0.829 SAR (W/kg) 10-g st data(S	-0.17 Power drift (dB) eparate	18.26 Conducted Power(dBm) 0mm 1RB)	18.80 Tune up Limit(dBm)	1.132 Scaled factor	0.939 Scaled SAR 1-g (W/kg)	22.1 Liquid Temp.(℃)
Top side PC2&3 Test position Back side PC2&3	100 BW .	QPSK 270_0 Modulation Prod QPSK 1_1	518598/2592.99 Test ch./Freq. uct specific 10gS 518598/2592.99	1:1.25 Duty Cycle AR Tes 1:1.25	0.829 SAR (W/kg) 10-g st data(S	-0.17 Power drift (dB) eparate -0.17	18.26 Conducted Power(dBm) 0mm 1RB) 20.11	18.80 Tune up Limit(dBm)	1.132 Scaled factor	0.939 Scaled SAR 1-g (W/kg)	22.1 Liquid Temp.(°C)
Top side PC2&3 Test position	100 BW .	Modulation Prod QPSK 1_1 QPSK 1_1	518598/2592.99 Test ch./Freq. uct specific 10gS 518598/2592.99 518598/2592.99	1:1.25 Duty Cycle AR Tes 1:1.25 1:1.25	0.829 SAR (W/kg) 10-g st data(S 2.100 1.920	-0.17 Power drift (dB) eparate -0.17 0.08	18.26 Conducted Power(dBm) 0mm 1RB) 20.11 20.11	18.80 Tune up Limit(dBm)	1.132 Scaled factor	0.939 Scaled SAR 1-g (W/kg)	22.1 Liquid Temp.(℃)
Top side PC2&3 Test position Back side PC2&3 Top side PC2&3	100 BW . 100 100	Modulation Prod QPSK 1_1 QPSK 1_1 Produc	Test ch./Freq. uct specific 10gS 518598/2592.99 518598/2592.99 et specific 10gSAF	1:1.25 Duty Cycle AR Tes 1:1.25 1:1.25 R Test	0.829 SAR (W/kg) 10-g st data(S 2.100 1.920 data (Se	-0.17 Power drift (dB) eparate -0.17 0.08 eparate 0	18.26 Conducted Power(dBm) 0mm 1RB) 20.11 20.11 mm 50%RB)	18.80 Tune up Limit(dBm) 20.80 20.80	1.132 Scaled factor 1.172 1.172	0.939 Scaled SAR 1-g (W/kg) 2.462 2.251	22.1 Liquid Temp.(°C) 22.1 22.1
Top side PC2&3 Test position Back side PC2&3 Top side PC2&3 Back side PC2&3	100 BW . 100 100	Prod QPSK 1_1 QPSK 1_1 Produc QPSK 135_69	Test ch./Freq. uct specific 10gS 518598/2592.99 518598/2592.99 t specific 10gSAI 518598/2592.99	1:1.25 Duty Cycle AR Test 1:1.25 1:1.25 R Test 1:1.25	0.829 SAR (W/kg) 10-g st data(S 2.100 1.920 data (Se 2.420	-0.17 Power drift (dB) eparate -0.17 0.08 eparate 0 0.07	18.26 Conducted Power(dBm) 0mm 1RB) 20.11 20.11 0mm 50%RB) 19.99	18.80 Tune up Limit(dBm) 20.80 20.80 20.80	1.132 Scaled factor 1.172 1.172	0.939 Scaled SAR 1-g (W/kg) 2.462 2.251	22.1 Liquid Temp.(°C) 22.1 22.1 22.1
Top side PC2&3 Test position Back side PC2&3 Top side PC2&3 Back side PC2&3 Back side PC2&3-repeated	100 BW . 100 100	Prod QPSK 1_1 QPSK 1_1 Produc QPSK 135_69 QPSK 135_69	Test ch./Freq. uct specific 10gS 518598/2592.99 518598/2592.99 tt specific 10gSAF 518598/2592.99 518598/2592.99 518598/2592.99	Duty Cycle AR Tes 1:1.25 1:1.25 R Test 1:1.25 1:1.25	0.829 SAR (W/kg) 10-g st data(S 2.100 1.920 data (Se 2.420 2.330	-0.17 Power drift (dB) eparate -0.17 0.08 eparate 0 0.07 0.01	18.26 Conducted Power(dBm) 0mm 1RB) 20.11 20.11 0mm 50%RB) 19.99 19.99	18.80 Tune up Limit(dBm) 20.80 20.80 20.80 20.80	1.132 Scaled factor 1.172 1.172 1.205 1.205	0.939 Scaled SAR 1-g (W/kg) 2.462 2.251 2.916 2.808	22.1 Liquid Temp.(°C) 22.1 22.1 22.1 22.1
Top side PC2&3 Test position Back side PC2&3 Top side PC2&3 Back side PC2&3	100 BW . 100 100	Prod QPSK 1_1 QPSK 1_1 Produc QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 135_69	Test ch./Freq. uct specific 10gS 518598/2592.99 518598/2592.99 t specific 10gSAF 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99	Duty Cycle AR Tes 1:1.25 1:1.25 R Test 1:1.25 1:1.25 1:1.25	0.829 SAR (W/kg) 10-g st data(Se) 2.100 1.920 data (Se) 2.420 2.330 1.810	-0.17 Power drift (dB) eparate -0.17 0.08 parate 0 0.07 0.01 0.08	18.26 Conducted Power(dBm) 0mm 1RB) 20.11 20.11 0mm 50%RB) 19.99 19.99	18.80 Tune up Limit(dBm) 20.80 20.80 20.80	1.132 Scaled factor 1.172 1.172	0.939 Scaled SAR 1-g (W/kg) 2.462 2.251	22.1 Liquid Temp.(°C) 22.1 22.1 22.1
Top side PC2&3 Test position Back side PC2&3 Top side PC2&3 Back side PC2&3 Back side PC2&3 Back side PC2&3-repeated Top side PC2&3	100 BW. 100 100 100 100	QPSK 270_0 Modulation Prod QPSK 1_1 QPSK 1_1 Produc QPSK 135_69 QPSK 135_69 QPSK 135_69 Product	Test ch./Freq. uct specific 10gS 518598/2592.99 518598/2592.99 t specific 10gSAf 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 t specific 10gSAF	Duty Cycle AR Tes 1:1.25 1:1.25 R Test 1:1.25 1:1.25 1:1.25 R Test of	0.829 SAR (W/kg) 10-g st data(S 2.100 1.920 data (Se 2.420 2.330 1.810 data (Se)	-0.17 Power drift (dB) eparate -0.17 0.08 parate 0 0.07 0.01 0.08	18.26 Conducted Power(dBm) 0mm 1RB) 20.11 20.11 0mm 50%RB) 19.99 19.99	18.80 Tune up Limit(dBm) 20.80 20.80 20.80 20.80 20.80	1.132 Scaled factor 1.172 1.172 1.205 1.205 1.205	0.939 Scaled SAR 1-g (W/kg) 2.462 2.251 2.916 2.808 2.181	22.1 Liquid Temp.(°C) 22.1 22.1 22.1 22.1 22.1
Top side PC2&3 Test position Back side PC2&3 Top side PC2&3 Back side PC2&3 Back side PC2&3-repeated Top side PC2&3 Back side PC2&3	100 BW . 100 100 100 100	Production PSK 270_0	Test ch./Freq. uct specific 10gS 518598/2592.99 518598/2592.99 tt specific 10gSAF 518598/2592.99 518598/2592.99 518598/2592.99 tt specific 10gSAF 518598/2592.99	Duty Cycle AR Tes 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 R Test of 1:1.25 R Test of 1:1.25	0.829 SAR (W/kg) 10-g st data(S 2.100 1.920 data (Se 2.420 2.330 1.810 data (Se) 2.280	-0.17 Power drift (dB) eparate -0.17 0.08 parate 0 0.07 0.01 0.08 parate 0 0.16	18.26 Conducted Power(dBm) 0mm 1RB) 20.11 20.11 0mm 50%RB) 19.99 19.99 19.99 mm 100%RB) 20.07	18.80 Tune up Limit(dBm) 20.80 20.80 20.80 20.80 20.80 20.80	1.132 Scaled factor 1.172 1.172 1.205 1.205 1.205	0.939 Scaled SAR 1-g (W/kg) 2.462 2.251 2.916 2.808 2.181	22.1 Liquid Temp.(°C) 22.1 22.1 22.1 22.1 22.1 22.1
Top side PC2&3 Test position Back side PC2&3 Top side PC2&3 Back side PC2&3 Back side PC2&3 Back side PC2&3-repeated Top side PC2&3	100 BW . 100 100 100 100	Production PSK 270_0	Test ch./Freq. uct specific 10gS 518598/2592.99 518598/2592.99 tt specific 10gSAf 518598/2592.99 518598/2592.99 518598/2592.99 tt specific 10gSAF 518598/2592.99 518598/2592.99 518598/2592.99	Duty Cycle AR Test 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 R Test c 1:1.25 R Test c 1:1.25	0.829 SAR (W/kg) 10-g st data(S 2.100 1.920 data (Se 2.420 2.330 1.810 data (Se) 2.280 1.800	-0.17 Power drift (dB) eparate -0.17 0.08 parate 0 0.07 0.01 0.08 parate 0 0.16 -0.03	18.26 Conducted Power(dBm) 0mm 1RB) 20.11 20.11 0mm 50%RB) 19.99 19.99 19.99 mm 100%RB)	18.80 Tune up Limit(dBm) 20.80 20.80 20.80 20.80 20.80	1.132 Scaled factor 1.172 1.172 1.205 1.205 1.205	0.939 Scaled SAR 1-g (W/kg) 2.462 2.251 2.916 2.808 2.181	22.1 Liquid Temp.(°C) 22.1 22.1 22.1 22.1 22.1
Top side PC2&3 Test position Back side PC2&3 Top side PC2&3 Back side PC2&3 Back side PC2&3-repeated Top side PC2&3 Back side PC2&3	100 BW . 100 100 100 100	Production PSK 270_0	Test ch./Freq. uct specific 10gS 518598/2592.99 518598/2592.99 tt specific 10gSAf 518598/2592.99 518598/2592.99 518598/2592.99 tt specific 10gSAF 518598/2592.99 518598/2592.99 518598/2592.99	Duty Cycle AR Test 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 R Test c 1:1.25 R Test c 1:1.25	0.829 SAR (W/kg) 10-g st data(S 2.100 1.920 data (Se 2.420 2.330 1.810 data (Se) 2.280 1.800 t Record	-0.17 Power drift (dB) eparate -0.17 0.08 parate 0 0.07 0.01 0.08 parate 0 0.16 -0.03	18.26 Conducted Power(dBm) 0mm 1RB) 20.11 20.11 0mm 50%RB) 19.99 19.99 19.99 mm 100%RB) 20.07	18.80 Tune up Limit(dBm) 20.80 20.80 20.80 20.80 20.80 20.80	1.132 Scaled factor 1.172 1.172 1.205 1.205 1.205	0.939 Scaled SAR 1-g (W/kg) 2.462 2.251 2.916 2.808 2.181 2.697 2.129	22.1 Liquid Temp.(°C) 22.1 22.1 22.1 22.1 22.1
Top side PC2&3 Test position Back side PC2&3 Top side PC2&3 Back side PC2&3 Back side PC2&3-repeated Top side PC2&3 Back side PC2&3 Top side PC2&3	100 BW . 100 100 100 100 100	QPSK 270_0 Modulation Prod QPSK 1_1 QPSK 1_5 Product QPSK 135_69 QPSK 135_69 Product QPSK 270_0 QPSK 270_0	Test ch./Freq. Test ch./Freq. uct specific 10gS 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99	Duty Cycle AR Tes 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25	0.829 SAR (W/kg) 10-g st data(Se 2.100 1.920 data (Se 2.420 2.330 1.810 data (Se) 2.280 1.800 t Record	-0.17 Power drift (dB) eparate -0.17 0.08 parate 0 0.07 0.01 0.08 parate 0 0.16 -0.03	18.26 Conducted Power(dBm) 0mm 1RB) 20.11 20.11 0mm 50%RB) 19.99 19.99 19.99 mm 100%RB) 20.07 20.07	18.80 Tune up Limit(dBm) 20.80 20.80 20.80 20.80 20.80 20.80	1.132 Scaled factor 1.172 1.172 1.205 1.205 1.205 1.183 1.183	0.939 Scaled SAR 1-g (W/kg) 2.462 2.251 2.916 2.808 2.181 2.697 2.129	22.1 Liquid Temp.(°C) 22.1 22.1 22.1 22.1 22.1 22.1
Top side PC2&3 Test position Back side PC2&3 Top side PC2&3 Back side PC2&3 Back side PC2&3-repeated Top side PC2&3 Back side PC2&3 Top side PC2&3	100 BW . 100 100 100 100	QPSK 270_0 Modulation Prod QPSK 1_1 QPSK 1_5 Product QPSK 135_69 QPSK 135_69 Product QPSK 270_0 QPSK 270_0	Test ch./Freq. uct specific 10gS 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 An	Duty Cycle AR Test 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 R Test c 1:1.25 R Test c 1:1.25	0.829 SAR (W/kg) 10-g st data(Se 2.100 1.920 data (Se 2.420 2.330 1.810 data (Se) 2.280 1.800 t Record SAR (W/kg)	-0.17 Power drift (dB) eparate -0.17 0.08 parate 0 0.07 0.01 0.08 parate 0 0.16 -0.03	18.26 Conducted Power(dBm) 0mm 1RB) 20.11 20.11 0mm 50%RB) 19.99 19.99 19.99 mm 100%RB) 20.07	18.80 Tune up Limit(dBm) 20.80 20.80 20.80 20.80 20.80 Tune up	1.132 Scaled factor 1.172 1.172 1.205 1.205 1.205 1.183 1.183	0.939 Scaled SAR 1-g (W/kg) 2.462 2.251 2.916 2.808 2.181 2.697 2.129 Scaled SAR 1-q	22.1 Liquid Temp.(℃) 22.1 22.1 22.1 22.1 22.1 22.1
Top side PC2&3 Test position Back side PC2&3 Top side PC2&3 Back side PC2&3 Back side PC2&3-repeated Top side PC2&3 Back side PC2&3 Top side PC2&3	100 BW . 100 100 100 100 100	QPSK 270_0 Modulation Prod QPSK 1_1 QPSK 1_5 Product QPSK 135_69 QPSK 135_69 Product QPSK 270_0 QPSK 270_0	Test ch./Freq. uct specific 10gS 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99	Duty Cycle AR Tes 1:1.25 1:1.25 R Test 1:1.25 1:1.25 R Test c 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25	0.829 SAR (W/kg) 10-g st data(Se 2.100 1.920 data (Se 2.420 2.330 1.810 data (Se) 2.280 1.800 t Record SAR (W/kg) 1-g	-0.17 Power drift (dB) eparate -0.17 0.08 parate 0 0.07 0.01 0.08 parate 0 0.16 -0.03 Power drift (dB)	18.26 Conducted Power(dBm) 0mm 1RB) 20.11 20.11 0mm 50%RB) 19.99 19.99 19.99 mm 100%RB) 20.07 20.07	18.80 Tune up Limit(dBm) 20.80 20.80 20.80 20.80 20.80 Tune up	1.132 Scaled factor 1.172 1.172 1.205 1.205 1.205 1.183 1.183	0.939 Scaled SAR 1-g (W/kg) 2.462 2.251 2.916 2.808 2.181 2.697 2.129	22.1 Liquid Temp.(°C) 22.1 22.1 22.1 22.1 22.1 22.1
Top side PC2&3 Test position Back side PC2&3 Top side PC2&3 Back side PC2&3 Back side PC2&3-repeated Top side PC2&3 Top side PC2&3 Top side PC2&3 Top side PC2&3	100 BW. 100 100 100 100 100 100 BW.	Production Production Production QPSK 1_1 QPSK 1_5_69 QPSK 135_69 QPSK 135_69 Production QPSK 270_0 QPSK 270_0 Modulation	Test ch./Freq. uct specific 10gS 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 An Test ch./Freq.	Duty Cycle AR Tes 1:1.25 1:1.25 R Test 1:1.25 1:1.25 1:1.25 R Test c 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25	0.829 SAR (W/kg) 10-g st data(S 2.100 1.920 data (Se 2.420 2.330 1.810 data (Se) 2.280 1.800 t Record SAR (W/kg) 1-g data(1Ri	-0.17 Power drift (dB) eparate -0.17 0.08 parate 0 0.07 0.01 0.08 parate 0 0.16 -0.03 Power drift (dB) B)	18.26 Conducted Power(dBm) 0mm 1RB) 20.11 20.11 0mm 50%RB) 19.99 19.99 19.99 mm 100%RB) 20.07 20.07 Conducted Power(dBm)	18.80 Tune up Limit(dBm) 20.80 20.80 20.80 20.80 20.80 Tune up Limit(dBm)	1.132 Scaled factor 1.172 1.172 1.205 1.205 1.205 1.183 1.183 Scaled factor	0.939 Scaled SAR 1-g (W/kg) 2.462 2.251 2.916 2.808 2.181 2.697 2.129 Scaled SAR 1-g (W/kg)	22.1 Liquid Temp.(°C) 22.1 22.1 22.1 22.1 22.1 22.1 Liquid Temp.(°C)
Top side PC2&3 Test position Back side PC2&3 Top side PC2&3 Back side PC2&3 Back side PC2&3-repeated Top side PC2&3 Top side PC2&3 Top side PC2&3 Top side PC2&3 Test position Left cheek PC2	100 BW. 100 100 100 100 100 8W.	QPSK 270_0 Modulation Prod QPSK 1_1 QPSK 1_1 Product QPSK 135_69 QPSK 135_69 Product QPSK 270_0 QPSK 270_0 Modulation	Test ch./Freq. uct specific 10gS 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 An Test ch./Freq. Hear 518598/2592.99	Duty Cycle AR Test 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25	0.829 SAR (W/kg) 10-g st data(Se 2.100 1.920 data (Se 2.420 2.330 1.810 data (Se 2.280 1.800 t Record SAR (W/kg) 1-g data(1RI 0.000	-0.17 Power drift (dB) eparate -0.17 0.08 parate 0 0.07 0.01 0.08 parate 0 0.16 -0.03 Power drift (dB) B) -0.05	18.26 Conducted Power(dBm) 0mm 1RB) 20.11 20.11 0mm 50%RB) 19.99 19.99 19.99 mm 100%RB) 20.07 20.07 Conducted Power(dBm)	18.80 Tune up Limit(dBm) 20.80 20.80 20.80 20.80 20.80 Tune up Limit(dBm)	1.132 Scaled factor 1.172 1.172 1.205 1.205 1.205 1.183 1.183 Scaled factor	0.939 Scaled SAR 1-g (W/kg) 2.462 2.251 2.916 2.808 2.181 2.697 2.129 Scaled SAR 1-g (W/kg)	22.1 Liquid Temp.(°C) 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22
Top side PC2&3 Test position Back side PC2&3 Top side PC2&3 Back side PC2&3 Back side PC2&3-repeated Top side PC2&3 Top side PC2&3 Top side PC2&3 Top side PC2&3 Test position Left cheek PC2 Left tilted PC2	100 BW. 100 100 100 100 100 BW. 100 100	QPSK 270_0 Modulation Product QPSK 1_1 QPSK 1_5_69 QPSK 135_69 QPSK 135_69 Product QPSK 270_0 QPSK 270_0 Modulation QPSK 1_1 QPSK 1_1 QPSK 1_1	Test ch./Freq. uct specific 10gS 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 An Test ch./Freq. Hear 518598/2592.99 518598/2592.99	Duty Cycle AR Test 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25	0.829 SAR (W/kg) 10-g st data(Se 2.420 2.330 1.810 data (Se) 2.280 1.800 t Record SAR (W/kg) 1-g data(1RI 0.000 0.000	-0.17 Power drift (dB) eparate -0.17 0.08 parate 0 0.07 0.01 0.08 parate 0 0.16 -0.03 Power drift (dB) B) -0.05	18.26 Conducted Power(dBm) 0mm 1RB) 20.11 20.11 0mm 50%RB) 19.99 19.99 19.99 mm 100%RB) 20.07 20.07 Conducted Power(dBm) 25.06 25.06	18.80 Tune up Limit(dBm) 20.80 20.80 20.80 20.80 20.80 Tune up Limit(dBm) 25.30 25.30	1.132 Scaled factor 1.172 1.172 1.205 1.205 1.205 1.183 1.183 Scaled factor 1.057 1.057	0.939 Scaled SAR 1-g (W/kg) 2.462 2.251 2.916 2.808 2.181 2.697 2.129 Scaled SAR 1-g (W/kg) 0.000 0.000	22.1 Liquid Temp.(°C) 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22
Top side PC2&3 Test position Back side PC2&3 Top side PC2&3 Back side PC2&3 Back side PC2&3-repeated Top side PC2&3 Back side PC2&3 Top side PC2&3 Top side PC2&3 Test position Left cheek PC2 Left tilted PC2 Right cheek PC2	100 BW. 100 100 100 100 100 BW. 100 100	QPSK 270_0 Modulation Product QPSK 1_1 QPSK 1_5_69 QPSK 135_69 QPSK 135_69 Product QPSK 270_0 QPSK 270_0 Modulation QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1	Test ch./Freq. uct specific 10gS 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 An Test ch./Freq. Hear 518598/2592.99 518598/2592.99 518598/2592.99	Duty Cycle AR Test 1:1.25	0.829 SAR (W/kg) 10-g st data(Se 2.420 2.330 1.810 data (Se) 2.280 1.800 t Record SAR (W/kg) 1-g data(1RI 0.000 0.001	-0.17 Power drift (dB) eparate -0.17 0.08 parate 0 0.07 0.01 0.08 parate 0 0.16 -0.03 Power drift (dB) B) -0.05 -0.11	18.26 Conducted Power(dBm) 0mm 1RB) 20.11 20.11 mm 50%RB) 19.99 19.99 19.99 mm 100%RB) 20.07 20.07 Conducted Power(dBm) 25.06 25.06 25.06	18.80 Tune up Limit(dBm) 20.80 20.80 20.80 20.80 20.80 Tune up Limit(dBm) 25.30 25.30 25.30	1.132 Scaled factor 1.172 1.172 1.205 1.205 1.205 1.183 1.183 Scaled factor 1.057 1.057	0.939 Scaled SAR 1-g (W/kg) 2.462 2.251 2.916 2.808 2.181 2.697 2.129 Scaled SAR 1-g (W/kg) 0.000 0.000 0.001	22.1 Liquid Temp.(°C) 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22
Top side PC2&3 Test position Back side PC2&3 Top side PC2&3 Back side PC2&3 Back side PC2&3-repeated Top side PC2&3 Top side PC2&3 Top side PC2&3 Top side PC2&3 Test position Left cheek PC2 Left tilted PC2 Right cheek PC2 Right cheek PC3	100 100 100 100 100 100 100 100	QPSK 270_0 Modulation Product QPSK 1_1 QPSK 1_5_69 QPSK 135_69 Product QPSK 270_0 QPSK 270_0 QPSK 270_0 Modulation QPSK 1_1	Test ch./Freq. uct specific 10gS 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 An Test ch./Freq. Hear 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99	Duty Cycle AR Test 1:1.25	0.829 SAR (W/kg) 10-g st data(S 2.100 1.920 data (Se 2.420 2.330 1.810 data (Se) 2.280 1.800 t Record SAR (W/kg) 1-g data(1RI 0.000 0.001 0.001	-0.17 Power drift (dB) eparate 0.0.7 0.01 0.08 parate 0.0.16 -0.03 Power drift (dB) B) -0.05 -0.11 -0.11	18.26 Conducted Power(dBm) 0mm 1RB) 20.11 20.11 mm 50%RB) 19.99 19.99 mm 100%RB) 20.07 20.07 Conducted Power(dBm) 25.06 25.06 25.06 22.49	18.80 Tune up Limit(dBm) 20.80 20.80 20.80 20.80 20.80 Tune up Limit(dBm) 25.30 25.30 22.80	1.132 Scaled factor 1.172 1.172 1.205 1.205 1.205 1.183 1.183 Scaled factor 1.057 1.057 1.057 1.074	0.939 Scaled SAR 1-g (W/kg) 2.462 2.251 2.916 2.808 2.181 2.697 2.129 Scaled SAR 1-g (W/kg) 0.000 0.001 0.001	22.1 Liquid Temp.(℃) 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22
Top side PC2&3 Test position Back side PC2&3 Top side PC2&3 Back side PC2&3 Back side PC2&3-repeated Top side PC2&3 Back side PC2&3 Top side PC2&3 Top side PC2&3 Test position Left cheek PC2 Left tilted PC2 Right cheek PC2	100 BW. 100 100 100 100 100 BW. 100 100	QPSK 270_0 Modulation Product QPSK 1_1 QPSK 1_5_69 QPSK 135_69 Product QPSK 270_0 QPSK 270_0 QPSK 270_0 Modulation QPSK 1_1	Test ch./Freq. uct specific 10gS 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 An Test ch./Freq. Hear 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99	Duty Cycle AR Test 1:1.25	0.829 SAR (W/kg) 10-g st data(S 2.100 1.920 data (Se 2.420 2.330 1.810 data (Se) 2.280 1.800 t Record SAR (W/kg) 1-g data(1RI 0.000 0.001 0.001 0.0001	-0.17 Power drift (dB) eparate 0.0.7 0.01 0.08 parate 0.0.7 0.01 0.08 parate 0.16 -0.03 i Power drift (dB) B) -0.05 -0.01 -0.11 -0.11	18.26 Conducted Power(dBm) 0mm 1RB) 20.11 20.11 mm 50%RB) 19.99 19.99 19.99 mm 100%RB) 20.07 20.07 Conducted Power(dBm) 25.06 25.06 25.06	18.80 Tune up Limit(dBm) 20.80 20.80 20.80 20.80 20.80 Tune up Limit(dBm) 25.30 25.30 25.30	1.132 Scaled factor 1.172 1.172 1.205 1.205 1.205 1.183 1.183 Scaled factor 1.057 1.057	0.939 Scaled SAR 1-g (W/kg) 2.462 2.251 2.916 2.808 2.181 2.697 2.129 Scaled SAR 1-g (W/kg) 0.000 0.000 0.001	22.1 Liquid Temp.(°C) 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22
Top side PC2&3 Test position Back side PC2&3 Top side PC2&3 Back side PC2&3 Back side PC2&3-repeated Top side PC2&3 Back side PC2&3 Top side PC2&3 Top side PC2&3 Top side PC2&3 Test position Left cheek PC2 Left tilted PC2 Right cheek PC3 Right tilted PC2	100 100 100 100 100 100 100 100	QPSK 270_0 Modulation Product QPSK 1_1 QPSK 1_5_69 QPSK 135_69 Product QPSK 270_0 QPSK 270_0 QPSK 270_0 QPSK 1_1	Test ch./Freq. uct specific 10gS 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 An Test ch./Freq. Heac 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99	Duty Cycle AR Test 1:1.25	0.829 SAR (W/kg) 10-g st data(S 2.100 1.920 data (Se 2.420 2.330 1.810 data (Se) 2.280 1.800 t Record SAR (W/kg) 1-g data(1RI 0.000 0.001 0.001 0.000 ata(50%)	-0.17 Power drift (dB) eparate -0.17 0.08 parate 0 0.01 0.08 parate 0 0.16 -0.03 Power drift (dB) B) -0.05 -0.11 -0.11 0.12 RB)	18.26 Conducted Power(dBm) 0mm 1RB) 20.11 20.11 0mm 50%RB) 19.99 19.99 19.99 00%RB) 20.07 20.07 Conducted Power(dBm) 25.06 25.06 25.06 22.49 25.06	18.80 Tune up Limit(dBm) 20.80 20.80 20.80 20.80 20.80 Tune up Limit(dBm) 25.30 25.30 25.30 22.80 25.30	1.132 Scaled factor 1.172 1.172 1.205 1.205 1.205 1.183 1.183 Scaled factor 1.057 1.057 1.057 1.057	0.939 Scaled SAR 1-g (W/kg) 2.462 2.251 2.916 2.808 2.181 2.697 2.129 Scaled SAR 1-g (W/kg) 0.000 0.000 0.001 0.001 0.000	22.1 Liquid Temp.(℃) 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22
Top side PC2&3 Test position Back side PC2&3 Top side PC2&3 Back side PC2&3 Back side PC2&3-repeated Top side PC2&3 Test position Left cheek PC2 Left tilted PC2 Right cheek PC2 Right cheek PC3 Right tilted PC2 Left cheek PC2 Left cheek PC2 Left cheek PC3 Right tilted PC2	100 100 100 100 100 100 100 100	QPSK 270_0 Modulation Production QPSK 1_1 QPSK 1_5_69 QPSK 135_69 QPSK 135_69 Production QPSK 270_0 QPSK 270_0 Modulation QPSK 1_1	Test ch./Freq. uct specific 10gS 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 An Test ch./Freq. Head 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99	Duty Cycle AR Test 1:1.25	0.829 SAR (W/kg) 10-g st data(S 2.100 1.920 data (Se 2.420 2.330 1.810 data (Se) 2.280 1.800 t Record SAR (W/kg) 1-g data(1RI 0.000 0.001 0.001 0.001 0.000 ata(50%I 0.000	-0.17 Power drift (dB) eparate -0.17 0.08 parate 0 0.07 0.01 0.08 parate 0 0.16 -0.03 I Power drift (dB) B) -0.05 -0.11 -0.11 0.12 RB) 0.05	18.26 Conducted Power(dBm) 0mm 1RB) 20.11 20.11 0mm 50%RB) 19.99 19.99 19.99 00%RB) 20.07 20.07 Conducted Power(dBm) 25.06 25.06 25.06 22.49 25.06	18.80 Tune up Limit(dBm) 20.80 20.80 20.80 20.80 20.80 20.80 20.80 Tune up Limit(dBm) 25.30 25.30 25.30 25.30 25.30	1.132 Scaled factor 1.172 1.172 1.205 1.205 1.205 1.183 1.183 Scaled factor 1.057 1.057 1.057 1.057 1.057 1.074 1.057	0.939 Scaled SAR 1-g (W/kg) 2.462 2.251 2.916 2.808 2.181 2.697 2.129 Scaled SAR 1-g (W/kg) 0.000 0.000 0.001 0.001 0.000 0.000	22.1 Liquid Temp.(℃) 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22
Top side PC2&3 Test position Back side PC2&3 Top side PC2&3 Back side PC2&3 Back side PC2&3-repeated Top side PC2&3 Back side PC2&3 Top side PC2&3 Top side PC2&3 Top side PC2&3 Test position Left cheek PC2 Left tilted PC2 Right cheek PC3 Right tilted PC2	100 100 100 100 100 100 100 100 100 100	QPSK 270_0 Modulation Production QPSK 1_1 QPSK 1_5_69 QPSK 135_69 QPSK 270_0 QPSK 270_0 Modulation QPSK 1_1 QPSK 1_5_69 QPSK 135_69 QPSK 135_69	Test ch./Freq. uct specific 10gS 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 An Test ch./Freq. Heac 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99 518598/2592.99	Duty Cycle AR Test 1:1.25	0.829 SAR (W/kg) 10-g st data(S 2.100 1.920 data (Se 2.420 2.330 1.810 data (Se) 2.280 1.800 t Record SAR (W/kg) 1-g data(1RI 0.000 0.001 0.001 0.000 ata(50%)	-0.17 Power drift (dB) eparate -0.17 0.08 parate 0 0.01 0.08 parate 0 0.16 -0.03 Power drift (dB) B) -0.05 -0.11 -0.11 0.12 RB)	18.26 Conducted Power(dBm) 0mm 1RB) 20.11 20.11 0mm 50%RB) 19.99 19.99 19.99 00%RB) 20.07 20.07 Conducted Power(dBm) 25.06 25.06 25.06 22.49 25.06	18.80 Tune up Limit(dBm) 20.80 20.80 20.80 20.80 20.80 Tune up Limit(dBm) 25.30 25.30 25.30 22.80 25.30	1.132 Scaled factor 1.172 1.172 1.205 1.205 1.205 1.183 1.183 Scaled factor 1.057 1.057 1.057 1.057	0.939 Scaled SAR 1-g (W/kg) 2.462 2.251 2.916 2.808 2.181 2.697 2.129 Scaled SAR 1-g (W/kg) 0.000 0.000 0.001 0.001 0.000	22.1 Liquid Temp.(℃) 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1 22.1



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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 relects 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 one one exore exercises and the exercise of the company, and the exercise of the company and the exercise of the company and the exercise of the company and the exercise 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: CM.Doccheck@ass.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 85 of 121

	_	ı	I			,	1		1		
Right tilted PC2	100	QPSK 135_69	518598/2592.99		0.000	0.18	24.92	25.30	1.091	0.000	22.1
		Ī	Body worn Tes			1			1	T	
Front side PC2	100		518598/2592.99		0.000	-0.04	25.06	25.30	1.057	0.000	22.1
Back side PC2	100		518598/2592.99		0.001	-0.01	25.06	25.30	1.057	0.001	22.1
Back side PC3	100		518598/2592.99			-0.01	22.49	22.80	1.074	0.001	22.1
	-		Body worn Test of		· -				r	1	
Front side PC2			518598/2592.99		0.000	-0.13	24.92	25.30	1.091	0.000	22.1
Back side PC2	100	QPSK 135_69	518598/2592.99		0.000	0.15	24.92	25.30	1.091	0.000	22.1
		Ī	Hotspot Test						1	T	
Front side PC2	100		518598/2592.99		0.004	0.14	25.06	25.30	1.057	0.004	22.1
Back side PC2	100		518598/2592.99		0.011	-0.01	25.06	25.30	1.057	0.012	22.1
Back side PC3	100		518598/2592.99			-0.01	22.49	22.80	1.074	0.014	22.1
Left side PC2	100		518598/2592.99		0.007	0.05	25.06	25.30	1.057	0.007	22.1
Top side PC2	100	QPSK 1_1	518598/2592.99		0.003	-0.04	25.06	25.30	1.057	0.003	22.1
	-	1	Hotspot Test da						1	1	
Front side PC2			518598/2592.99		0.002	0.09	24.92	25.30	1.091	0.002	22.1
Back side PC2			518598/2592.99		0.007	-0.15	24.92	25.30	1.091	0.008	22.1
Left side PC2			518598/2592.99		0.004	-0.01	24.92	25.30	1.091	0.004	22.1
Top side PC2	100	QPSK 135_69	518598/2592.99		0.001	-0.03	24.92	25.30	1.091	0.001	22.1
			An	t6 Tes	t Record	1	•				
				Duty	SAR	Power	Conducted	Tune up	Scaled	Scaled	Liquid
Test position	BW.	Modulation	Test ch./Freq.	Cycle	(W/kg)	drift	Power(dBm)	Limit(dBm)	factor	SAK I-Y	Liquid Temp.(℃)
			Llaa	d Task	1-g	(dB)				(W/kg)	
Laft about DCO	1400	ODCK 4 4	неа 518598/2592.99		data(1RI		25.24	25.00	1 440	0.440	20.4
Left cheek PC2 Left cheek PC3	100				0.132	0.18	25.31	25.80	1.119	0.148 0.115	22.1 22.1
Left tilted PC2	_		518598/2592.99 518598/2592.99		0.105	0.16	22.41 25.31	22.80	1.119		22.1
Right cheek PC2	100	_	518598/2592.99		0.076	0.07	25.31	25.80 25.80	1.119	0.085 0.054	22.1
Right tilted PC2	100		518598/2592.99		0.046	0.02	25.31	25.80	1.119	0.000	22.1
Night tilled FG2	100	QF3K I_I			ata(50%l		23.31	23.00	1.119	0.000	22.1
Left cheek PC2	100	ODSK 135 60	518598/2592.99		0.000	0.04	25.27	25.80	1.130	0.000	22.1
Left tilted PC2			518598/2592.99		0.000	-0.13	25.27	25.80	1.130	0.000	22.1
Right cheek PC2			518598/2592.99		0.000	-0.13	25.27	25.80	1.130	0.000	22.1
Right tilted PC2			518598/2592.99		0.000	0.15	25.27	25.80	1.130	0.000	22.1
Night tilled FG2	1100	QF3K 133_09	Body worn Tes					23.00	1.130	0.000	22.1
Front side PC2	100	QPSK 1 1	518598/2592.99		0.041	0.11	25.31	25.80	1.119	0.046	22.1
Back side PC2	100		518598/2592.99		0.041	-0.17	25.31	25.80	1.119	0.040	22.1
Back side PC3	100		518598/2592.99			-0.17	22.41	22.80	1.094	0.037	22.1
Dack side i Co	100		Body worn Test o					22.00	1.034	0.009	22.1
Front side PC2	100		518598/2592.99		0.025	-0.03	25.27	25.80	1.130	0.028	22.1
Back side PC2			518598/2592.99		0.023	-0.03	25.27	25.80	1.130	0.028	22.1
Daok Side I OZ	100	G. OK 100_09	Hotspot Test					20.00	1.130	0.021	44. I
Front side PC2	100	QPSK 1 1	518598/2592.99		0.044	-0.03	25.31	25.80	1.119	0.049	22.1
Back side PC2	100		518598/2592.99	_	0.044	0.10	25.31	25.80	1.119	0.049	22.1
Back side PC2	100	_	518598/2592.99			0.10	22.41	22.80	1.094	0.144	22.1
Right side PC2	100		518598/2592.99		0.093	0.10	25.31	25.80	1.119	0.104	22.1
Top side PC2	100		518598/2592.99		0.078	0.01	25.31	25.80	1.119	0.067	22.1
1 op side i OZ	100	<u> </u>	Hotspot Test da					20.00	1.113	0.041	<u> </u>
Front side PC2	100	OPSK 135 60	518598/2592.99		0.032	-0.10	25.27	25.80	1.130	0.036	22.1
Back side PC2			518598/2592.99		0.052	-0.18	25.27	25.80	1.130	0.030	22.1
Right side PC2			518598/2592.99		0.000	0.01	25.27	25.80	1.130	0.007	22.1
Top side PC2		_	518598/2592.99		0.000	-0.11	25.27	25.80	1.130	0.000	22.1
Table 28: SAR of 5G NR			L	1 1.1	0.000	-0.11	20.21	20.00	1.100	0.000	<u> </u>
			Jacoured CAD	4ct =	onoatoo			and D		2rd D	



Test Position

Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is dorawn to the limitation of liability, indemnification and jurisdiction issues define 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, orgeny 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) 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,

Ratio

1st Repeated

SAR (1g)

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

Channel/ Frequency Measured SAR

t (86–512) 62992980 www.sgsgroup.com.t t (86–512) 62992980 sgs.china@sgs.com

2nd Repeated

SAR (1g)

3rd Repeated

SAR (1g)



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 86 of 121

Right tilted 518598/2592.99 1.090 1.070 1.018691589 N/A N/A

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.

2) A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).

3) A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg

ſ	Test Position	Channel/ Frequency	Measured SAR	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated	
	rest Position	(MHz)	(10g)	SAR (10g)	Ratio	SAR (10g)	SAR (10g)	
ſ	Back side	Back side 518598/2592.99		2.330	1.038626609	N/A	N/A	

Note: 1) When the original highest measured SAR is ≥ 2.0 W/kg, the measurement was repeated once.

2) A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 3.625 W/kg (~ 10% from the 10-g SAR limit).

3) A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 3.0 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

4) Repeated measurements are not required when the original highest measured SAR is < 2.0 W/kg



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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) 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: CND.occheck@gs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pikot Fee Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 87 of 121

9.2.5 SAR Result of 5G NR n48

				SA N	48 SAR To	est Recor	'd				
				Δ	nt5 Test I	Record					
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
				He	ead Test da					<u> </u>	
Left cheek	40	QPSK 1 1	641666/3624.99		0.337	0.05	20.68	21.80	1.294	0.436	22.5
Left tilted	40	QPSK 1_1	641666/3624.99	1:1.25	0.239	-0.03	20.68	21.80	1.294	0.309	22.5
Right cheek	40	QPSK 1_1	641666/3624.99	1:1.25	0.926	0.06	20.68	21.80	1.294	1.198	22.5
Right cheek	40	QPSK 1_1	638000/3570	1:1.25	0.795	0.02	20.61	21.80	1.315	1.046	22.5
Right cheek	40	QPSK 1_1	645332/3679.98	1:1.25	0.830	0.04	20.63	21.80	1.309	1.087	22.5
Right tilted	40	QPSK 1_1	641666/3624.99	1:1.25	0.531	0.01	20.68	21.80	1.294	0.687	22.5
				Hea	d Test data	a(50%RB))				
Left cheek		_	641666/3624.99		0.313	-0.03	20.65	21.80	1.303	0.408	22.5
Left tilted	40	QPSK 50_28	641666/3624.99	1:1.25	0.229	0.06	20.65	21.80	1.303	0.298	22.5
Right cheek	40	QPSK 50_28	641666/3624.99	1:1.25	0.874	-0.03	20.65	21.80	1.303	1.139	22.5
Right cheek	40	QPSK 50_28	638000/3570	1:1.25	0.786	-0.05	20.60	21.80	1.318	1.036	22.5
Right cheek	40	QPSK 50_28	645332/3679.98		0.865	0.02	20.59	21.80	1.321	1.143	22.5
Right tilted	40	QPSK 50_28	641666/3624.99	1:1.25	0.517	-0.01	20.65	21.80	1.303	0.674	22.5
				Head	d Test data	(100%RB	3)				
Right cheek	40	QPSK 100_0	641666/3624.99	1:1.25	0.702	0.08	20.60	21.80	1.318	0.925	22.5
			Body	/ worn Te	est data(Se	eparate 15	5mm 1RB)				
Front side	40	QPSK 1_1	641666/3624.99	1:1.25	0.275	0.09	23.40	23.80	1.096	0.302	22.5
Back side	40	QPSK 1_1	641666/3624.99	1:1.25	0.512	0.01	23.40	23.80	1.096	0.561	22.5
			Body v	worn Tes	t data(Sep	arate 15n	nm 50%RB)				
Front side	40	QPSK 50_28	641666/3624.99	1:1.25	0.272	0.01	23.21	23.80	1.146	0.312	22.5
Back side	40	QPSK 50_28	641666/3624.99	1:1.25	0.503	-0.05	23.21	23.80	1.146	0.576	22.5
			Hot	spot Tes	t data(Sep	arate 10m	nm 1RB)				
Front side	40	QPSK 1_1	641666/3624.99	1:1.25	0.401	0.01	23.40	23.80	1.096	0.440	22.5
Back side	40	QPSK 1_1	641666/3624.99	1:1.25	0.781	-0.01	23.40	23.80	1.096	0.856	22.5
Back side	40	QPSK 1_1	638000/3570	1:1.25	0.697	0.09	23.20	23.80	1.148	0.800	22.5
Back side	40	QPSK 1_1	645332/3679.98	1:1.25	0.723	0.03	23.13	23.80	1.167	0.844	22.5
Left side	40	QPSK 1_1	641666/3624.99	1:1.25	1.000	0.04	23.40	23.80	1.096	1.096	22.5
Left side	40	QPSK 1_1	638000/3570	1:1.25	0.957	-0.01	23.20	23.80	1.148	1.099	22.5
Left side	40	QPSK 1_1	645332/3679.98	1:1.25	0.992	0.02	23.13	23.80	1.167	1.157	22.5
Top side	40	QPSK 1_1	641666/3624.99	1:1.25	0.212	0.03	23.40	23.80	1.096	0.232	22.5
					data (Sepa	rate 10mr	m 50%RB)				
Front side	40	QPSK 50_28	641666/3624.99	1:1.25	0.432	-0.03	23.21	23.80	1.146	0.495	22.5
Back side	40	QPSK 50_28	641666/3624.99	1:1.25	0.803	0.04	23.21	23.80	1.146	0.920	22.5
Back side	40	QPSK 50_28	638000/3570	1:1.25	0.699	0.05	23.18	23.80	1.153	0.806	22.5
Back side	40	QPSK 50_28	645332/3679.98	1:1.25	0.745	0.01	23.14	23.80	1.164	0.867	22.5
Left side	40	QPSK 50_28	641666/3624.99	1:1.25	1.030	0.07	23.21	23.80	1.146	1.180	22.5
Left side-repeated	40	QPSK 50_28	641666/3624.99	1:1.25	1.010	0.02	23.21	23.80	1.146	1.157	22.5
Left side			638000/3570	1:1.25	0.954	-0.03	23.18	23.80	1.153	1.100	22.5
Left side	40	QPSK 50_28	645332/3679.98	1:1.25	1.000	0.02	23.14	23.80	1.164	1.164	22.5
Top side	40	QPSK 50_28	641666/3624.99	1:1.25	0.261	-0.04	23.21	23.80	1.146	0.299	22.5
			Hotsp	ot Test d	ata (Separ	ate 10mm	100%RB)				
Back side	40	QPSK 100_0	641666/3624.99	1:1.25	0.748	0.05	22.15	22.80	1.161	0.869	22.5
Left side	40	QPSK 100_0	641666/3624.99	1:1.25	1.000	0.07	22.15	22.80	1.161	1.161	22.5

Table 29: SAR of 5G NR n48 for Head and Body.

Test Position	Channel/ Frequency	Measured SAR	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Test Position	(MHz)	(1g)	SAR (1g)	Ratio	SAR (1g)	SAR (1g)
Left side	641666/3624.99	1.030	1.010	1.01980198	N/A	N/A



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues defined herein. 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) 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: CM.Doccheck@sgs.com

South of No. 6 Pent, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone
中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 88 of 121

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.

2) A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).

3) A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg

9.2.6 SAR Result of 5G NR n66

9.2.0 SAN I	100	uit oi 3G i	1111100	CANG	C CAD T-	-4 D					
					66 SAR Te		1				
		1		Ai	nt2 Test R				1 1		
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
				Hea	ad Test da	ta(1RB)					
Left cheek	40	QPSK 1_1	349000/1745	1:1	0.083	0.06	22.75	23.50	1.189	0.099	22.5
Left tilted	40	QPSK 1_1	349000/1745	1:1	0.072	-0.04	22.75	23.50	1.189	0.086	22.5
Right cheek	40	QPSK 1_1	349000/1745	1:1	0.119	0.05	22.75	23.50	1.189	0.141	22.5
Right tilted	40	QPSK 1_1	349000/1745	1:1	0.078	-0.04	22.75	23.50	1.189	0.093	22.5
				Head	l Test data	(50%RB)					
Left cheek	40	QPSK 108_54		1:1	0.073	0.05	22.72	23.50	1.197	0.087	22.5
Left tilted	40	QPSK 108_54	349000/1745	1:1	0.058	0.01	22.72	23.50	1.197	0.069	22.5
Right cheek	40	QPSK 108_54	349000/1745	1:1	0.099	0.04	22.72	23.50	1.197	0.118	22.5
Right tilted	40	QPSK 108_54	349000/1745	1:1	0.061	-0.05	22.72	23.50	1.197	0.073	22.5
			Body	worn Te	st data(Se	parate 15r	mm 1RB)				
Front side	40	QPSK 1_1	349000/1745	1:1	0.161	-0.04	22.75	23.50	1.189	0.191	22.5
Back side	40	QPSK 1_1	349000/1745	1:1	0.222	-0.01	22.75	23.50	1.189	0.264	22.5
			Body w	orn Test	data(Sepa	arate 15m	m 50%RB)				
Front side	40	QPSK 108_54	349000/1745	1:1	0.134	0.04	22.72	23.50	1.197	0.160	22.5
Back side	40	QPSK 108_54	349000/1745	1:1	0.204	-0.01	22.72	23.50	1.197	0.244	22.5
			Hots	pot Test	data(Sepa	arate 10mi	m 1RB)				
Front side	40	QPSK 1_1	349000/1745	1:1	0.246	0.03	22.75	23.50	1.189	0.292	22.5
Back side	40	QPSK 1_1	349000/1745	1:1	0.451	-0.05	22.75	23.50	1.189	0.536	22.5
Left side	40	QPSK 1_1	349000/1745	1:1	0.209	0.10	22.75	23.50	1.189	0.248	22.5
Bottom side	40	QPSK 1_1	349000/1745	1:1	0.292	-0.01	22.75	23.50	1.189	0.347	22.5
			Hotspo	ot Test d	ata (Separ	ate 10mm	50%RB)				
Front side	40	QPSK 108_54	349000/1745	1:1	0.214	0.04	22.72	23.50	1.197	0.256	22.5
Back side	40	QPSK 108_54	349000/1745	1:1	0.439	0.07	22.72	23.50	1.197	0.525	22.5
Left side	40	QPSK 108_54	349000/1745	1:1	0.218	-0.01	22.72	23.50	1.197	0.261	22.5
Bottom side	40	QPSK 108_54	349000/1745	1:1	0.288	0.06	22.72	23.50	1.197	0.345	22.5
				Aı	nt3 Test R	ecord					
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
				Hea	ad Test da	ta(1RB)					
Left cheek	40	QPSK 1_1	349000/1745	1:1	0.496	0.06	20.51	21.30	1.199	0.595	22.5
Left tilted	40	QPSK 1_1	349000/1745	1:1	0.513	-0.02	20.51	21.30	1.199	0.615	22.5
Right cheek	40	QPSK 1_1	349000/1745	1:1	0.970	0.07	20.51	21.30	1.199	1.164	22.5
Right tilted	40	QPSK 1_1	349000/1745	1:1	0.801	-0.01	20.51	21.30	1.199	0.961	22.5
				Head	l Test data	(50%RB)					
Left cheek	40	QPSK 108_54	349000/1745	1:1	0.590	-0.04	20.50	21.30	1.202	0.709	22.5
Left tilted	40	QPSK 108_54		1:1	0.606	-0.03	20.50	21.30	1.202	0.729	22.5
Right cheek	40	QPSK 108_54	349000/1745	1:1	0.903	0.05	20.50	21.30	1.202	1.086	22.5



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indemification 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) 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: CND.occheck@gs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000 t (86–512) 62992980 t (86–512) 62992980

www.sgsgroup.com.cn sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 89 of 121

Back side	40		349000/1745	1:1	1.570	0.03	22.49	23.30	1.205	1.892	22.5
Dack Side	40		Product specific				_		1.213	4.134	ZZ.J
Back side	40	ODSK 108 54	Product specifi 349000/1745		1.800	a (Separa -0.01	te 10mm 50% 23.44	RB) 24.30	1.219	2.194	22.5
Back side	40	QPSK 1_1	349000/1745		1.720	0.07	23.51	24.30	1.199	2.063	22.5
5	4.0	l opout t :					ate 10mm 1RI		1 405	2 2 2 2	
Test position	BW.	Modulation	Test ch./Freq.	Cycle	SAR (W/kg) 10-g	(ab)	Conducted Power(dBm)	Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Back side	40	QPSK 216 0		1:1	0.966	0.05	22.44	23.30	1.219	1.178	22.5
p					ita (Separa						
Top side		QPSK 108_54		1:1	0.505	0.06	22.54	23.30	1.191	0.602	22.5
Left side		QPSK 108_54		1:1	0.261	0.04	22.54	23.30	1.191	0.311	22.5
Back side-repeated		QPSK 108_54		1:1	0.981	0.02	22.54	23.30	1.191	1.169	22.5
Back side		QPSK 108_54		1:1	1.000	-0.02	22.54	23.30	1.191	1.191	22.5
Front side	40	OPSK 108 54	349000/1745	1:1	0.468	-0.02	22.54	23.30	1.191	0.558	22.5
Top side	40	QFOR I_I			ata (Separ			23.30	1.109	0.323	22.3
Top side	40	QPSK 1_1	349000/1745	1:1	0.219	-0.02	22.55	23.30	1.189	0.523	22.5
Left side	40	QPSK 1_1	349000/1745	1:1	0.877	0.01	22.55	23.30	1.189	0.260	22.5
Front side Back side	40	QPSK 1_1 QPSK 1_1	349000/1745 349000/1745	1:1 1:1	0.415 0.877	-0.05 0.01	22.55 22.55	23.30 23.30	1.189 1.189	0.493 1.042	22.5 22.5
Frank side	40	ODCK 4. 4		•	data(Sepa			22.20	4 400	0.400	20.5
Back side	40	QPSK 108_54		1:1	0.527	-0.01	23.44	24.30	1.219	0.642	22.5
Front side		QPSK 108_54		1:1	0.263	0.04	23.44	24.30	1.219	0.321	22.5
	40	0001/ 100 = 1			· · ·		m 50%RB)	04.00	1 046	0.004	1 00 5
Back side	40	QPSK 1_1	349000/1745	1:1	0.455	0.08	23.51	24.30	1.199	0.546	22.5
Front side	40	QPSK 1_1	349000/1745	1:1	0.222	-0.02	23.51	24.30	1.199	0.266	22.5
					st data(Se				, ,		ı
Right tilted	40	QPSK 216_0		1:1	0.747	-0.03	20.43	21.30	1.222	0.913	22.5
Right cheek	40		349000/1745	1:1	0.869	0.06	20.43	21.30	1.222	1.062	22.5
				Head	Test data((100%RB)	ı				
Right tilted	40	QPSK 108_54	349000/1745	1:1	0.811	0.09	20.50	21.30	1.202	0.975	22.5

Table 30: SAR of 5G NR n66 for Head and Body.

Test Position	Channel/ Frequency	Measured SAR (1g)	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
	(MHz)	(19)	SAR (1g)		SAR (1g)	SAR (1g)
Back side	349000/1745	1.000	0.981	1.019367992	N/A	N/A

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.

- 2) A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).
- 3) A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.
- 4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg

9.2.7 SAR Result of 5G NR n70

			S	A N70 S	SAR Tes	t Record	i				
				Ant2	Test Re	cord					
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	(W/ka)		Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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) 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: CND.occheck@gs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pillot Free Trade Zone 215000中国 - 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 90 of 121 Page:

		1			Test data	` /				T	
Left cheek	15		340500/1702.5	1:1	0.111	0.03	22.80	23.50	1.175	0.130	22.5
Left tilted	15		340500/1702.5	1:1	0.078	0.04	22.80	23.50	1.175	0.092	22.5
Right cheek	15		340500/1702.5	1:1	0.127	0.06	22.80	23.50	1.175	0.149	22.5
Right tilted	15	QPSK 1_1	340500/1702.5	1:1	0.086	0.04	22.80	23.50	1.175	0.101	22.5
	1				est data(1	1		1	1
Left cheek	15		340500/1702.5	1:1	0.107	-0.01	22.77	23.50	1.183	0.127	22.5
Left tilted	15		340500/1702.5	1:1	0.078	-0.02	22.77	23.50	1.183	0.092	22.5
Right cheek	15		340500/1702.5	1:1	0.131	0.04	22.77	23.50	1.183	0.155	22.5
Right tilted	15	QPSK 36_22	340500/1702.5	1:1	0.093	0.03	22.77	23.50	1.183	0.110	22.5
		1	Body wor							T	
Front side	15		340500/1702.5	1:1	0.216	0.05	22.80	23.50	1.175	0.254	22.5
Back side	15	QPSK 1_1	340500/1702.5	1:1	0.284	0.08	22.80	23.50	1.175	0.334	22.5
	1	1	Body worn					1		1	ı
Front side	15		340500/1702.5	1:1	0.211	0.03	22.77	23.50	1.183	0.250	22.5
Back side	15	QPSK 36_22	340500/1702.5	1:1	0.276	0.06	22.77	23.50	1.183	0.327	22.5
		1			ta(Separ					T	ı
Front side	15		340500/1702.5	1:1	0.321	-0.04	22.80	23.50	1.175	0.377	22.5
Back side	15		340500/1702.5	1:1	0.507	-0.02	22.80	23.50	1.175	0.596	22.5
Left side	15	QPSK 1_1	340500/1702.5	1:1	0.257	0.04	22.80	23.50	1.175	0.302	22.5
Bottom side	15	QPSK 1_1	340500/1702.5	1:1	0.331	0.06	22.80	23.50	1.175	0.389	22.5
			Hotspot T	est data			50%RB)				,
Front side	15		340500/1702.5	1:1	0.324	0.06	22.77	23.50	1.183	0.383	22.5
Back side	15	QPSK 36_22	340500/1702.5	1:1	0.533	0.01	22.77	23.50	1.183	0.631	22.5
Left side	15		340500/1702.5	1:1	0.261	-0.04	22.77	23.50	1.183	0.309	22.5
Bottom side	15	QPSK 36_22	340500/1702.5	1:1	0.320	0.07	22.77	23.50	1.183	0.379	22.5
				Ant3	Test Re	cord					
						0014	Y	, ,			,
					SAR	Power	Conducted	Tune up	Scaled	Scaled	Liquid
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg)	Power drift	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	SAR 1-q	Liquid Temp.(℃)
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)					
•				Duty Cycle Head	SAR (W/kg) 1-g Test data	Power drift (dB)	Power(dBm)	Limit(dBm)	factor	SAR 1-g (W/kg)	Temp.(℃)
Left cheek	15	QPSK 1_1	340500/1702.5	Duty Cycle Head	SAR (W/kg) 1-g Test data 0.627	Power drift (dB) (1RB) 0.06	Power(dBm)	Limit(dBm)	factor 1.130	SAR 1-g (W/kg)	Temp.(℃) 22.5
Left cheek Left tilted	15 15	QPSK 1_1 QPSK 1_1	340500/1702.5 340500/1702.5	Duty Cycle Head 1:1 1:1	SAR (W/kg) 1-g Test data 0.627 0.600	Power drift (dB) (1RB) 0.06 0.01	21.77 21.77	22.30 22.30	1.130 1.130	SAR 1-g (W/kg) 0.708 0.678	Temp.(℃) 22.5 22.5
Left cheek Left tilted Right cheek	15 15 15	QPSK 1_1 QPSK 1_1 QPSK 1_1	340500/1702.5 340500/1702.5 340500/1702.5	Duty Cycle Head 1:1 1:1	SAR (W/kg) 1-g Test data 0.627 0.600 1.020	Power drift (dB) (1RB) 0.06 0.01 0.04	21.77 21.77 21.77	22.30 22.30 22.30 22.30	1.130 1.130 1.130	0.708 0.678 1.152	22.5 22.5 22.5 22.5
Left cheek Left tilted	15 15	QPSK 1_1 QPSK 1_1 QPSK 1_1	340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5	Duty Cycle Head 1:1 1:1 1:1 1:1	SAR (W/kg) 1-g Test data 0.627 0.600 1.020 0.803	Power drift (dB) (1RB) 0.06 0.01 0.04 -0.01	21.77 21.77	22.30 22.30	1.130 1.130	SAR 1-g (W/kg) 0.708 0.678	Temp.(℃) 22.5 22.5
Left cheek Left tilted Right cheek Right tilted	15 15 15 15	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1	340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5	Duty Cycle Head 1:1 1:1 1:1 Head Te	SAR (W/kg) 1-g Test data 0.627 0.600 1.020 0.803 est data(5	Power drift (dB) (1RB) 0.06 0.01 0.04 -0.01 60%RB)	21.77 21.77 21.77 21.77 21.77	22.30 22.30 22.30 22.30 22.30	1.130 1.130 1.130 1.130	0.708 0.678 1.152 0.907	22.5 22.5 22.5 22.5 22.5
Left cheek Left tilted Right cheek Right tilted Left cheek	15 15 15 15	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1	340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5	Duty Cycle Head 1:1 1:1 1:1 Head Te 1:1	SAR (W/kg) 1-g Test data 0.627 0.600 1.020 0.803 est data(5	Power drift (dB) (1RB) 0.06 0.01 0.04 -0.01 50%RB) 0.04	21.77 21.77 21.77 21.77 21.77	22.30 22.30 22.30 22.30 22.30 22.30	1.130 1.130 1.130 1.130 1.130	0.708 0.678 1.152 0.907	22.5 22.5 22.5 22.5 22.5 22.5
Left cheek Left tilted Right cheek Right tilted Left cheek Left tilted	15 15 15 15 15	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 36_22 QPSK 36_22	340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5	Duty Cycle Head 1:1 1:1 1:1 1:1 Head Te 1:1	SAR (W/kg) 1-g Test data 0.627 0.600 1.020 0.803 est data(5 0.604 0.569	Power drift (dB) (1RB) 0.06 0.01 0.04 -0.01 60%RB) 0.04 0.07	21.77 21.77 21.77 21.77 21.77 21.75 21.75	22.30 22.30 22.30 22.30 22.30 22.30 22.30	1.130 1.130 1.130 1.130 1.135 1.135	0.708 0.678 1.152 0.907 0.686 0.646	22.5 22.5 22.5 22.5 22.5 22.5 22.5
Left cheek Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek	15 15 15 15 15 15	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 36_22 QPSK 36_22 QPSK 36_22	340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5	Duty Cycle Head 1:1 1:1 1:1 Head Te 1:1 1:1 1:1 1:1	SAR (W/kg) 1-g Test data 0.627 0.600 1.020 0.803 est data(\$ 0.604 0.569 1.040	Power drift (dB) (1RB) 0.06 0.01 0.04 -0.01 50%RB) 0.04 0.07 0.09	21.77 21.77 21.77 21.77 21.77 21.75 21.75 21.75	22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30	1.130 1.130 1.130 1.130 1.135 1.135 1.135	0.708 0.678 1.152 0.907 0.686 0.646 1.180	22.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5
Left cheek Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right cheek	15 15 15 15 15 15 15 15	QPSK 1 1 QPSK 36 22	340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5	Duty Cycle Head 1:1 1:1 1:1 1:1 1:1 Head Te 1:1 1:1 1:1	SAR (W/kg) 1-9 Test data 0.627 0.600 1.020 0.803 est data(\$0.604 0.569 1.040 1.010	Power drift (dB) (1RB) 0.06 0.01 0.04 -0.01 0.04 0.07 0.09 0.01	21.77 21.77 21.77 21.77 21.75 21.75 21.75 21.75 21.75	22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30	1.130 1.130 1.130 1.130 1.135 1.135 1.135 1.135	0.708 0.678 1.152 0.907 0.686 0.646 1.180 1.146	22.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5
Left cheek Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek	15 15 15 15 15 15	QPSK 1 1 QPSK 36 22	340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5	Duty Cycle Head 1:1 1:1 1:1 1:1 Head Te 1:1 1:1 1:1	SAR (W/kg) 1-g Test data 0.627 0.600 1.020 0.803 est data(\$ 0.604 0.569 1.040 1.010 0.869	Power drift (dB) (1RB) 0.06 0.01 0.04 -0.01 0.04 0.07 0.09 0.01 0.08	21.77 21.77 21.77 21.77 21.77 21.75 21.75 21.75	22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30	1.130 1.130 1.130 1.130 1.135 1.135 1.135	0.708 0.678 1.152 0.907 0.686 0.646 1.180	22.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5
Left cheek Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right cheek Right cheek-repeated Right tilted	15 15 15 15 15 15 15 15 15	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 36_22 QPSK 36_22 QPSK 36_22 QPSK 36_22 QPSK 36_22	340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5	Duty Cycle Head 1:1 1:1 1:1 1:1 Head Te 1:1 1:1 1:1 1:1 Head Te	SAR (W/kg) 1-9 Test data 0.627 0.600 1.020 0.803 est data(\$0.604 0.569 1.040 1.010 0.869 est data(\$0.869	Power drift (dB) (1RB) (0.06 0.01 0.04 -0.01 50%RB) 0.04 0.07 0.09 0.01 0.08 50%RB)	21.77 21.77 21.77 21.77 21.75 21.75 21.75 21.75 21.75	22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30	1.130 1.130 1.130 1.130 1.135 1.135 1.135 1.135	0.708 0.678 1.152 0.907 0.686 0.646 1.180 1.146 0.986	22.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5
Left cheek Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right cheek Right cheek-repeated Right tilted	15 15 15 15 15 15 15 15 15 15	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 36_22 QPSK 36_22 QPSK 36_22 QPSK 36_22 QPSK 36_22 QPSK 36_22	340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5	Duty Cycle Head 1:1 1:1 1:1 1:1 Head Te 1:1 1:1 1:1 Head Te 1:1 Head Te	SAR (W/kg) 1-9 Test data 0.627 0.600 1.020 0.803 est data(5) 0.604 0.569 1.040 1.010 0.869 est data(5) 0.823	Power drift (dB) (1RB) (0.06 0.01 0.04 -0.01 50%RB) 0.04 0.07 0.09 0.01 0.08 50%RB) 0.01	21.77 21.77 21.77 21.77 21.75 21.75 21.75 21.75 21.75 21.75	22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30	1.130 1.130 1.130 1.130 1.135 1.135 1.135 1.135 1.135	0.708 0.678 1.152 0.907 0.686 0.646 1.180 1.146 0.986	22.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5
Left cheek Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right cheek Right cheek-repeated Right tilted	15 15 15 15 15 15 15 15 15	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 36_22 QPSK 36_22 QPSK 36_22 QPSK 36_22 QPSK 36_22 QPSK 36_22	340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5	Duty Cycle Head 1:1 1:1 1:1 1:1 Head Te 1:1 1:1 1:1 Head Te 1:1 1:1 Head Te	SAR (W/kg) 1-g Test data 0.627 0.600 1.020 0.803 est data(\$0.604 0.569 1.040 0.869 est data(\$0.823 0.644	Power drift (dB) (1RB) (0.06 0.01 0.04 -0.01 50%RB) 0.04 0.07 0.09 0.01 0.08 50%RB) 0.01 0.06	21.77 21.77 21.77 21.77 21.75 21.75 21.75 21.75 21.75 21.75 21.66 21.66	22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30	1.130 1.130 1.130 1.130 1.135 1.135 1.135 1.135	0.708 0.678 1.152 0.907 0.686 0.646 1.180 1.146 0.986	22.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5
Left cheek Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right cheek Right cheek-repeated Right tilted Right tilted	15 15 15 15 15 15 15 15 15 15 15	QPSK 1 1 QPSK 36 22 QPSK 75 0 QPSK 75 0	340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 Body wor	Duty Cycle Head 1:1 1:1 1:1 1:1 Head Te 1:1 1:1 1:1 1:1 1:1 1:1 1:1 Head Te 1:1 1:1 Thead Te 1:1 Thead Te 1:1 Thead Te 1:1 Thead Te	SAR (W/kg) 1-g Test data 0.627 0.600 1.020 0.803 est data(\$0.569 1.040 1.010 0.869 est data(\$0.823 0.644 data(Sepidata(\$0.569 test data(\$0.823 0.644 data(\$0.569 test data(\$0.823 0.644 data(\$0.569 test data(\$0.823 0.644 data(\$0.569 test data(\$0.823 test data(\$0.569 test data(\$0.823 test data(\$0.569 test data(\$0.823 test data(\$0.569 test data(\$0.	Power drift (dB) (1RB) 0.06 0.01 0.04 -0.01 50%RB) 0.07 0.09 0.01 0.08 50%RB) 0.01 0.06 carate 15r	21.77 21.77 21.77 21.77 21.75 21.75 21.75 21.75 21.75 21.75 21.66 21.66 mm 1RB)	22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30	1.130 1.130 1.130 1.130 1.135 1.135 1.135 1.135 1.135 1.135	0.708 0.678 1.152 0.907 0.686 0.646 1.180 1.146 0.986	22.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5
Left cheek Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right cheek Right cheek-repeated Right tilted Right tilted Right tilted Front side	15 15 15 15 15 15 15 15 15 15 15	QPSK 1 1 QPSK 36 22 QPSK 75 0 QPSK 75 0	340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 Body wor 340500/1702.5	Duty Cycle Head 1:1 1:1 1:1 1:1 Head Te 1:1 1:1 1:1 1:1 1:1 1:1 1:1 Head Te 1:1 1:1 1:1 Head Te 1:1 1:1 1:1	SAR (W/kg) 1-g Test data 0.627 0.600 1.020 0.803 est data(\$0.604 0.569 1.040 0.869 est data(\$0.823 0.644 data(Sept 0.217	Power drift (dB) (1RB) 0.06 0.01 0.04 -0.01 50%RB) 0.04 0.07 0.09 0.01 0.08 50%RB) 0.01 0.06 carate 15r -0.01	21.77 21.77 21.77 21.77 21.75 21.75 21.75 21.75 21.75 21.75 21.66 21.66 mm 1RB) 23.38	22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30	1.130 1.130 1.130 1.130 1.135 1.135 1.135 1.135 1.135 1.159 1.159	0.708 0.678 1.152 0.907 0.686 0.646 1.180 1.146 0.986 0.954 0.746	22.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5
Left cheek Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right cheek Right cheek-repeated Right tilted Right tilted	15 15 15 15 15 15 15 15 15 15 15	QPSK 1 1 QPSK 36 22 QPSK 75 0 QPSK 75 0	340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 Body wor 340500/1702.5 340500/1702.5	Duty Cycle Head 1:1 1:1 1:1 1:1 Head Te 1:1 1:1 1:1 1:1 1:1 1:1 1:1 1:1 1:1 1:	SAR (W/kg) 1-g Test data 0.627 0.600 1.020 0.803 est data(\$0.569 1.040 1.010 0.869 est data(\$0.623 0.644 data(Septo 0.217 0.470	Power drift (dB) (1RB) 0.06 0.01 0.04 -0.01 50%RB) 0.07 0.09 0.01 0.08 0.01 0.06 carate 15r -0.01 0.02	21.77 21.77 21.77 21.77 21.75 21.75 21.75 21.75 21.75 21.75 21.66 21.66 nm 1RB) 23.38 23.38	22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30	1.130 1.130 1.130 1.130 1.135 1.135 1.135 1.135 1.135 1.135	0.708 0.678 1.152 0.907 0.686 0.646 1.180 1.146 0.986	22.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5
Left cheek Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right cheek Right cheek-repeated Right tilted Right tilted Front side Back side	15 15 15 15 15 15 15 15 15 15 15 15	QPSK 1 1 QPSK 36 22 QPSK 36 22 QPSK 36 22 QPSK 36 22 QPSK 75 0 QPSK 75 0 QPSK 1 1 QPSK 1 1	340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 Body wor 340500/1702.5 Body worn	Duty Cycle Head 1:1 1:1 1:1 1:1 Head Te 1:1 1:1 1:1 1:1 1:1 1:1 Test dat Test dat	SAR (W/kg) 1-g Test data 0.627 0.600 1.020 0.803 est data(\$0.569 1.040 1.010 0.869 est data(\$0.623 0.644 data(Septo 0.217 0.470 ta (Separa	Power drift (dB) (dRB) (0.06 0.01 0.04 -0.01 50 KB) 0.07 0.09 0.01 0.08 50 KB) 0.01 0.06 carate 15rd	21.77 21.77 21.77 21.77 21.75 21.75 21.75 21.75 21.75 21.75 21.66 21.66 nm 1RB) 23.38 23.38 m 50%RB)	22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30	1.130 1.130 1.130 1.130 1.135 1.135 1.135 1.135 1.135 1.135 1.135 1.129 1.159	0.708 0.678 1.152 0.907 0.686 0.646 1.180 1.146 0.986 0.954 0.746	22.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5
Left cheek Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right cheek Right cheek Right tilted Right tilted Front side Back side	15 15 15 15 15 15 15 15 15 15 15 15 15	QPSK 1 1 QPSK 36 22 QPSK 36 22 QPSK 36 22 QPSK 36 22 QPSK 75 0 QPSK 75 0 QPSK 1 1 QPSK 1 1 QPSK 1 1	340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 Body wor 340500/1702.5 Body worn 340500/1702.5	Duty Cycle Head 1:1 1:1 1:1 1:1 Head Te 1:1 1:1 1:1 1:1 1:1 1:1 Test dat 1:1 Test dat 1:1	SAR (W/kg) 1-g Test data 0.627 0.600 1.020 0.803 est data(\$0.604 1.010 0.869 est data(\$0.623 0.644 data(Sept. 0.217 0.470 as (Separ 0.230	Power drift (dB) (dRB) (0.06 0.01 0.04 -0.01 0.08 0.08 0.01 0.06 0.01 0.06 0.01 0.06 0.01 0.06 0.01 0.02 0.01 0.02 0.01 0.02	21.77 21.77 21.77 21.77 21.75 21.75 21.75 21.75 21.75 21.75 21.66 21.66 mm 1RB) 23.38 23.38 m 50%RB) 23.38	22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30	1.130 1.130 1.130 1.130 1.130 1.135 1.135 1.135 1.135 1.135 1.135 1.135 1.1236 1.236	0.708 0.678 1.152 0.907 0.686 0.646 1.180 1.146 0.986 0.954 0.746 0.268 0.581	Temp.(℃) 22.5 22.5 22.5 22.5 22.5 22.5 22.5 22
Left cheek Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right cheek Right cheek-repeated Right tilted Right tilted Front side Back side	15 15 15 15 15 15 15 15 15 15 15 15	QPSK 1 1 QPSK 36 22 QPSK 36 22 QPSK 36 22 QPSK 36 22 QPSK 75 0 QPSK 75 0 QPSK 1 1 QPSK 1 1 QPSK 1 1	340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 Body wor 340500/1702.5 Body worn 340500/1702.5 Body worn 340500/1702.5 340500/1702.5	Duty Cycle Head 1:1 1:1 1:1 1:1 1:1 Head Te 1:1 1:1 1:1 1:1 1:1 Test dat 1:1 1:1 Test dat 1:1 1:1	SAR (W/kg) 1-g Test data 0.627 0.600 1.020 0.803 est data(\$0.569 1.040 1.010 0.869 est data(\$0.624 data(Sep: 0.217 0.470 a (Separ 0.230 0.492	Power drift (dB) (dRB) (0.06 0.01 0.04 -0.01 0.08 0.07 0.09 0.01 0.06 arate 15m -0.01 0.02 ate 15m -0.07 0.07 0.07	21.77 21.77 21.77 21.77 21.75 21.75 21.75 21.75 21.75 21.75 21.66 21.66 mm 1RB) 23.38 23.38 m 50%RB) 23.38 23.38	22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30	1.130 1.130 1.130 1.130 1.135 1.135 1.135 1.135 1.135 1.135 1.135 1.129 1.159	0.708 0.678 1.152 0.907 0.686 0.646 1.180 1.146 0.986 0.954 0.746	22.5 22.5 22.5 22.5 22.5 22.5 22.5 22.5
Left cheek Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right cheek Right cheek Right cheek Right tilted Right tilted Front side Back side	15 15 15 15 15 15 15 15 15 15 15 15 15 1	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 36_22 QPSK 36_22 QPSK 36_22 QPSK 36_22 QPSK 36_22 QPSK 75_0 QPSK 75_0 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 36_22	340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 Body wor 340500/1702.5 Body worn 340500/1702.5 Body worn 340500/1702.5 Hotspot	Duty Cycle Head 1:1 1:1 1:1 1:1 1:1 Head Te 1:1 1:1 1:1 1:1 1:1 Test dat 1:1 Test dat 1:1 Test dat	SAR (W/kg) 1-g Test data 0.627 0.600 1.020 0.803 est data(\$0.569 1.040 1.010 0.869 est data(\$0.624 data(Sep. 0.217 0.470 ta (Separ 0.230 0.492 ta(Separ data(Separ da	Power drift (dB) (dRB) (0.06 0.01 0.04 -0.01 0.09 0.01 0.08 0.06 0.01 0.06 0.01 0.02 ate 15ml -0.07 0.07 ate 10ml	21.77 21.77 21.77 21.77 21.75 21.75 21.75 21.75 21.75 21.75 21.75 21.86 21.66 21.66 21.66 21.88 23.38 23.38 23.38 23.38 23.38 23.38 23.38 23.38 23.38	22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 24.30 24.30	1.130 1.130 1.130 1.130 1.135 1.135 1.135 1.135 1.135 1.135 1.135 1.1236 1.236 1.236	0.708 0.678 1.152 0.907 0.686 0.646 1.180 1.146 0.986 0.746 0.268 0.581	Temp.(℃) 22.5 22.5 22.5 22.5 22.5 22.5 22.5 22
Left cheek Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right cheek Right cheek Right cheek Right tilted Right tilted Front side Back side Front side Front side	15 15 15 15 15 15 15 15 15 15 15 15 15 1	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 36_22 QPSK 36_22 QPSK 36_22 QPSK 36_22 QPSK 36_22 QPSK 75_0 QPSK 75_0 QPSK 1_1 QPSK 1_1 QPSK 36_22 QPSK 36_22	340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 Body wor 340500/1702.5 340500/1702.5 Body worn 340500/1702.5 Hotspot 340500/1702.5	Duty Cycle Head 1:1 1:1 1:1 1:1 1:1 Head Te 1:1 1:1 1:1 1:1 Test dat 1:1 1:1 Test dat 1:1 Test dat 1:1 1:1	SAR (W/kg) 1-g Test data 0.627 0.600 1.020 0.803 est data(\$0.604 1.010 0.869 est data(\$0.624 0.644 data(Sep. 0.217 0.470 a (Separ 0.230 0.492 ta(Separ 0.363	Power drift (dB) (dRB) (0.06 0.01 0.04 -0.01 0.09 0.01 0.08 0.06 0.01 0.06 0.01 0.02 ate 15ml -0.07 0.07 ate 10ml 0.06	21.77 21.77 21.77 21.77 21.75 21.75 21.75 21.75 21.75 21.75 21.75 21.86 21.66 21.66 21.66 21.88 23.38 23.38 23.38 23.38 23.38 23.38 23.38 23.38 23.38 23.38 23.38	22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 24.30 24.30	1.130 1.130 1.130 1.130 1.135 1.135 1.135 1.135 1.135 1.135 1.135 1.236 1.236 1.236	0.708 0.678 1.152 0.907 0.686 0.646 1.180 1.146 0.986 0.746 0.268 0.581	Temp.(℃) 22.5 22.5 22.5 22.5 22.5 22.5 22.5 22
Left cheek Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right cheek Right cheek Right cheek Right tilted Right tilted Front side Back side Front side Back side	15 15 15 15 15 15 15 15 15 15 15 15 15 1	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 36_22 QPSK 36_22 QPSK 36_22 QPSK 36_22 QPSK 36_22 QPSK 75_0 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 36_22 QPSK 36_22	340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5	Duty Cycle Head 1:1 1:1 1:1 1:1 1:1 Head Te 1:1 1:1 1:1 Test dat 1:1 Test dat 1:1 Test dat 1:1 1:1 Test dat 1:1 1:1	SAR (W/kg) 1-g Test data 0.627 0.600 1.020 0.803 est data(\$0.604 1.010 0.869 est data(\$0.823 0.644 data(Sep. 0.217 0.470 a (Separ 0.230 0.492 ta(Separ 0.363 0.866	Power drift (dB) (dRB) (0.06 0.01 0.04 -0.01 0.07 0.09 0.01 0.06 0.01 0.02 ate 15ml -0.07 0.07 ate 10ml 0.06 0.03	21.77 21.77 21.77 21.77 21.75 21.75 21.75 21.75 21.75 21.75 21.75 21.86 21.66 21.66 21.66 21.88 23.38 23.38 23.38 23.38 23.38 23.38 23.38 23.38 23.38	22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 24.30 24.30 24.30	1.130 1.130 1.130 1.130 1.135 1.135 1.135 1.135 1.135 1.135 1.135 1.236 1.236 1.236 1.236	0.708 0.678 1.152 0.907 0.686 0.646 1.180 1.146 0.986 0.746 0.268 0.581 0.284 0.608	Temp.(℃) 22.5 22.5 22.5 22.5 22.5 22.5 22.5 22
Left cheek Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right cheek Right cheek Right cheek Right tilted Right tilted Front side Back side Front side Front side	15 15 15 15 15 15 15 15 15 15 15 15 15 1	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 36_22 QPSK 36_22 QPSK 36_22 QPSK 36_22 QPSK 36_22 QPSK 36_22 QPSK 75_0 QPSK 75_0 QPSK 1_1	340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 340500/1702.5 Body wor 340500/1702.5 340500/1702.5 Body worn 340500/1702.5 Hotspot 340500/1702.5	Duty Cycle Head 1:1 1:1 1:1 1:1 1:1 Head Te 1:1 1:1 1:1 Test dat	SAR (W/kg) 1-g Test data 0.627 0.600 1.020 0.803 est data(\$0.604 1.010 0.869 est data(\$0.624 0.644 data(Sep. 0.217 0.470 a (Separ 0.230 0.492 ta(Separ 0.363	Power drift (dB) (dRB) (0.06 0.01 0.04 -0.01 0.09 0.01 0.08 0.06 0.01 0.06 0.01 0.02 ate 15ml -0.07 0.07 ate 10ml 0.06	21.77 21.77 21.77 21.77 21.75 21.75 21.75 21.75 21.75 21.75 21.75 21.86 21.66 21.66 21.66 21.88 23.38 23.38 23.38 23.38 23.38 23.38 23.38 23.38 23.38 23.38 23.38	22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 22.30 24.30 24.30	1.130 1.130 1.130 1.130 1.135 1.135 1.135 1.135 1.135 1.135 1.135 1.236 1.236 1.236	0.708 0.678 1.152 0.907 0.686 0.646 1.180 1.146 0.986 0.746 0.268 0.581	Temp.(℃) 22.5 22.5 22.5 22.5 22.5 22.5 22.5 22



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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 relects 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 one one 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) 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: CAD.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

sgs.china@sgs.com Member of the SGS Group (SGS SA)



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 91 of 121

			Hotspot Te	est data	(Separa	te 10mm	50%RB)				
Front side	15	QPSK 36_22	340500/1702.5	1:1	0.390	0.02	23.38	24.30	1.236	0.482	22.5
Back side	15	QPSK 36_22	340500/1702.5	1:1	0.921	-0.03	23.38	24.30	1.236	1.138	22.5
Left side	15	QPSK 36_22	340500/1702.5	1:1	0.216	0.04	23.38	24.30	1.236	0.267	22.5
Top side	15	QPSK 36_22	340500/1702.5	1:1	0.417	-0.01	23.38	24.30	1.236	0.515	22.5
			Hotspot Te	st data	(Separate	e 10mm	100%RB)				
Back side	15	QPSK 36_22	340500/1702.5	1:1	0.889	-0.06	22.44	23.30	1.219	1.084	22.5

Table 31: SAR of 5G NR n70 for Head and Body.

Test Position	Channel/ Frequency	Measured SAR	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
Test Position	(MHz)	(1g)	SAR (1g)	Ratio	SAR (1g)	SAR (1g)
Right cheek	340500/1702.5	1.040	1.010	1.02970297	N/A	N/A

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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) 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: CND.occheck@gs.com

South of No. 6 Pent, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone
中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路(号的6号厂房南部 邮编: 215000

A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).

³⁾ A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

⁴⁾ Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 92 of 121

9.2.8 SAR Result of 5G NR n71

					SA N71 SA	R Test Re	cord				
					Ant1 T	est Record	d				
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
					Head Te	st data(1R	B)				
Left cheek	20	QPSK 1_1	136100/680.5	1:1	0.122	0.08	24.01	24.80	1.199	0.146	22.1
Left tilted	20	QPSK 1_1	136100/680.5	1:1	0.059	0.08	24.01	24.80	1.199	0.071	22.1
Right cheek	20	QPSK 1_1	136100/680.5	1:1	0.127	0.09	24.01	24.80	1.199	0.152	22.1
Right tilted	20	QPSK 1_1	136100/680.5	1:1	0.072	-0.02	24.01	24.80	1.199	0.086	22.1
					Head Test	data(50%	RB)				
Left cheek	20	QPSK 50_28	136100/680.5	1:1	0.124	-0.05	23.99	24.80	1.205	0.149	22.1
Left tilted	20	QPSK 50_28	136100/680.5	1:1	0.067	-0.01	23.99	24.80	1.205	0.081	22.1
Right cheek	20	QPSK 50_28	136100/680.5	1:1	0.138	0.13	23.99	24.80	1.205	0.166	22.1
Right tilted	20	QPSK 50_28	136100/680.5	1:1	0.079	0.07	23.99	24.80	1.205	0.095	22.1
	-			Body wo	orn Test dat	a(Separate	e 15mm 1RB)		· ·		
Front side	20	QPSK 1_1	136100/680.5	1:1	0.184	0.01	24.01	24.80	1.199	0.221	22.1
Back side	20	QPSK 1_1	136100/680.5	1:1	0.251	0.05	24.01	24.80	1.199	0.301	22.1
			E	ody wor	n Test data	(Separate	15mm 50%RB)			
Front side	20	QPSK 50_28	136100/680.5	1:1	0.165	0.02	23.99	24.80	1.205	0.199	22.1
Back side	20	QPSK 50_28	136100/680.5	1:1	0.219	0.09	23.99	24.80	1.205	0.264	22.1
				Hotspo	t Test data	(Separate	10mm 1RB)				
Front side	20	QPSK 1_1	136100/680.5	1:1	0.182	-0.04	24.01	24.80	1.199	0.218	22.1
Back side	20	QPSK 1_1	136100/680.5	1:1	0.300	-0.02	24.01	24.80	1.199	0.360	22.1
Left side	20	QPSK 1_1	136100/680.5	1:1	0.138	0.04	24.01	24.80	1.199	0.166	22.1
Rightt side	20	QPSK 1_1	136100/680.5	1:1	0.247	0.05	24.01	24.80	1.199	0.296	22.1
Bottom side	20	QPSK 1_1	136100/680.5	1:1	0.179	0.06	24.01	24.80	1.199	0.215	22.1
				Hotspot 7	Test data (S	Separate 1	0mm 50%RB)				
Front side	20	QPSK 50_28	136100/680.5	1:1	0.163	-0.03	23.99	24.80	1.205	0.196	22.1
Back side	20	QPSK 50_28	136100/680.5	1:1	0.252	0.09	23.99	24.80	1.205	0.304	22.1
Left side	20	QPSK 50_28	136100/680.5	1:1	0.121	0.07	23.99	24.80	1.205	0.146	22.1
Rightt side	20	QPSK 50_28	136100/680.5	1:1	0.228	0.06	23.99	24.80	1.205	0.275	22.1
Bottom side	20	QPSK 50_28	136100/680.5	1:1	0.170	-0.04	23.99	24.80	1.205	0.205	22.1

Table 32: SAR of 5G NR n71 for Head and Body.

9.2.9 SAR Result of 5G NR n77(3450~3550)

Z.J OAN NCJU			. (0.00 0.								
			SA N7	7 SAR	Test Re	cord					
			Ar	nt2 Tes	t Record	t					
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
			Hea	ad Test	data(1R	B)					
Left cheek PC2	100	QPSK 1_1	633334/3500	1:1	0.031	0.17	24.06	24.30	1.057	0.034	22.3
Left tilted PC2	100	QPSK 1_1	633334/3500	1:1	0.022	-0.07	24.06	24.30	1.057	0.024	22.3
Right cheek PC2	100	QPSK 1_1	633334/3500	1:1	0.046	0.06	24.06	24.30	1.057	0.051	22.3
Right cheek PC3	100	QPSK 1_1	633334/3500	1:1.25	0.044	0.06	21.31	21.80	1.119	0.051	22.3
Right tilted PC2	100	QPSK 1_1	633334/3500	1:1	0.035	0.17	24.06	24.30	1.057	0.039	22.3
			Head	Test d	ata(50%	RB)					
Left cheek PC2	100	QPSK 135_69	633334/3500	1:1	0.028	-0.19	24.03	24.30	1.064	0.031	22.3
Left tilted PC2	100	QPSK 135_69	633334/3500	1:1	0.019	-0.04	24.03	24.30	1.064	0.021	22.3
Right cheek PC2	100	QPSK 135_69	633334/3500	1:1	0.041	0.14	24.03	24.30	1.064	0.046	22.3
Right tilted PC2	100	QPSK 135 69	633334/3500	1:1	0.032	0.09	24.03	24.30	1.064	0.036	22.3



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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@gs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pitol Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州上区苏州工业园区河胜路1号的6号厂房南部 鄉第: 215000



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 93 of 121

			Body worn Tes	st data(Separate	e 15mm	1RB)				
Front side PC2	100	QPSK 1 1	633334/3500	1:1	0.059	-0.19	24.06	24.30	1.057	0.066	22.3
Back side PC2	100	_	633334/3500	1:1	0.033	0.09	24.06	24.30	1.057	0.124	22.3
Dack Side FG2	100		ody worn Test					24.30	1.037	0.124	22.3
Front side PC2	100	QPSK 135 69		1:1	0.065	0.13	24.03	24.30	1.064	0.073	22.3
Back side PC2		QPSK 135_69		1:1	0.143	0.09	24.03	24.30	1.064	0.160	22.3
Back side PC3		QPSK 135_69			0.146	0.03	21.25	21.80	1.135	0.149	22.3
Back side 1 65	100	Q1 010 100_00	Hotspot Test					21.00	1.100	0.143	22.0
Front side PC2&3	100	QPSK 1 1	633334/3500		0.088	-0.14	21.31	21.80	1.119	0.102	22.3
Back side PC2&3	100		633334/3500		0.223	0.19	21.31	21.80	1.119	0.102	22.3
Left side PC2&3	100		633334/3500		0.121	-0.19	21.31	21.80	1.119	0.233	22.3
Bottom side PC2&3	100		633334/3500		0.099	0.12	21.31	21.80	1.119	0.115	22.3
Bottom olde i Ozdo	1100		Hotspot Test da					21.00	1.110	0.110	22.0
Front side PC2&3	100	QPSK 135 69			0.105	0.01	21.25	21.80	1.135	0.124	22.3
Back side PC2&3	_	QPSK 135 69			0.310	0.04	21.25	21.80	1.135	0.366	22.3
Left side PC2&3		QPSK 135 69			0.153	0.11	21.25	21.80	1.135	0.180	22.3
Bottom side PC2&3		QPSK 135 69			0.109	0.15	21.25	21.80	1.135	0.129	22.3
					t Record						
					SAR	Power	Conducted	Tune up	Scaled	Scaled	Liquid
Test position	BW.	Modulation	Test ch./Freq.	Cycle	(W/kg)	drift (dB)	Power(dBm)			SAR 1-g (W/kg)	Liquid Temp.(℃)
	<u> </u>			ļ	1-g data(1R					(W/Kg)	
Left cheek PC2	100	QPSK 1 1	633334/3500	1:1	0.057	-0.15	24.18	24.80	1.153	0.069	22.3
Left tilted PC2	100	_	633334/3500	1:1	0.036	0.10	24.18	24.80	1.153	0.044	22.3
Right cheek PC2	100		633334/3500	1:1	0.137	0.02	24.18	24.80	1.153	0.166	22.3
Right tilted PC2	100	_	633334/3500	1:1	0.066	0.12	24.18	24.80	1.153	0.080	22.3
rught into a r oz	1.00	Q. O. I_			ata(50%		20	21.00	1.100	0.000	LL.0
Left cheek PC2	100	QPSK 135 69		1:1	0.104	0.05	24.11	24.80	1.172	0.128	22.3
Left tilted PC2		QPSK 135_69		1:1	0.048	-0.09	24.11	24.80	1.172	0.059	22.3
Right cheek PC2		QPSK 135_69		1:1	0.165	-0.06	24.11	24.80	1.172	0.204	22.3
Right cheek PC3		QPSK 135 69		1:1.25	0.147	0.05	21.18	21.80	1.153	0.176	22.3
Right tilted PC2	_	QPSK 135 69		1:1	0.089	-0.09	24.11	24.80	1.172	0.110	22.3
J		_	Body worn Tes	st data(ı.	l.
Front side PC2	100	QPSK 1 1	633334/3500	1:1	0.041	-0.03	24.18	24.80	1.153	0.050	22.3
Back side PC2	100		633334/3500	1:1	0.265	-0.16	24.18	24.80	1.153	0.322	22.3
		B	ody worn Test	data (S	eparate	15mm 5	0%RB)		•		
Front side PC2	100	QPSK 135_69	633334/3500	1:1	0.046	0.19	24.11	24.80	1.172	0.057	22.3
Back side PC2	100	QPSK 135_69	633334/3500	1:1	0.297	-0.19	24.11	24.80	1.172	0.367	22.3
Back side PC3	100	QPSK 135_69	633334/3500	1:1.25	0.249	0.03	21.18	21.80	1.153	0.302	22.3
			Hotspot Test	data(Se	eparate	10mm 11	RB)				
Front side PC2	100	QPSK 1_1	633334/3500	1:1	0.065	-0.05	24.18	24.80	1.153	0.079	22.3
Back side PC2	100	QPSK 1_1	633334/3500	1:1	0.658	0.07	24.18	24.80	1.153	0.799	22.3
Back side PC3	100		633334/3500	1:1.25	0.635	0.01	21.23	21.80	1.140	0.752	22.3
Left side PC2	100	QPSK 1_1	633334/3500	1:1	0.239	0.02	24.18	24.80	1.153	0.290	22.3
Top side PC2	100	QPSK 1_1	633334/3500	1:1	0.053	0.15	24.18	24.80	1.153	0.064	22.3
			Hotspot Test da	ata (Sep		0mm 50°					
Front side PC2		QPSK 135_69		1:1	0.071	-0.09	24.11	24.80	1.172	0.088	22.3
Back side PC2		QPSK 135_69		1:1	0.591	-0.17	24.11	24.80	1.172	0.729	22.3
Left side PC2		QPSK 135_69		1:1	0.241	0.01	24.11	24.80	1.172	0.297	22.3
Top side PC2	100	QPSK 135_69		1:1	0.056	-0.18	24.11	24.80	1.172	0.069	22.3
			Ar	nt5 Tes	t Record				1		
Technical	Birr	Mandadad	To a4 -1- /-	Duty	SAR	Power	Conducted	Tune up	Scaled	Scaled	Liquid
Test position	BW.	Modulation	Test ch./Freq.	Cycle	(W/kg)	drift	Power(dBm)		factor	SAR 1-g (W/kg)	Liquid Temp.(℃)
					1-9	(dB)				(vv/kg)	
			Llas	d Toot	data(1R	B١					



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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 relects 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 one one exore exercises and the exercise of the company, and the exercise of the company and the exercise of the company and the exercise of the company and the exercise 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: CM.Doccheck@ass.com

South of No. 6 Pent, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 94 of 121

Left cheek PC2&3	100	QPSK 1_1	633334/3500	1:1.25	0.252	-0.09	19.32	19.80	1.117	0.292	22.3
Left tilted PC2&3	100	QPSK 1_1		1:1.25	0.181	-0.17	19.32	19.80	1.117	0.210	22.3
Right cheek PC2&3	100	QPSK 1_1	633334/3500	1:1.25	1.060	0.06	19.32	19.80	1.117	1.230	22.3
Right cheek PC2&3-repeated	100	QPSK 1_1	633334/3500		1.030	0.02	19.32	19.80	1.117	1.195	22.3
Right tilted PC2&3	100	QPSK 1_1	633334/3500			0.04	19.32	19.80	1.117	0.642	22.3
					ata(50%	RB)					
Left cheek PC2&3		QPSK 135_69				0.16	19.28	19.80	1.127	0.315	22.3
Left tilted PC2&3				1:1.25	0.209	0.02	19.28	19.80	1.127	0.245	22.3
Right cheek PC2&3			633334/3500		1.000	0.03	19.28	19.80	1.127	1.171	22.3
Right tilted PC2&3	100	QPSK 135_69	633334/3500	1:1.25	0.588	-0.17	19.28	19.80	1.127	0.689	22.3
					ta(100%	RB)					•
Right cheek PC2&3	100	QPSK 270_0	633334/3500			-0.02	19.21	19.80	1.146	1.090	22.3
			Body worn Tes	st data(
Front side PC2	100	QPSK 1_1	633334/3500	1:1	0.341	0.16	26.89	27.50	1.151	0.413	22.3
Back side PC2	100	QPSK 1_1	633334/3500	1:1	0.597	0.13	26.89	27.50	1.151	0.723	22.3
			ody worn Test	data (S	eparate [·]	15mm 5	0%RB)				
Front side PC2		QPSK 135_69		1:1	0.331	-0.05	26.88	27.50	1.153	0.402	22.3
Back side PC2		QPSK 135_69		1:1	0.655	-0.09	26.88	27.50	1.153	0.796	22.3
Back side PC3	100	QPSK 135_69	633334/3500	1:1.25	0.626	0.04	23.22	23.80	1.143	0.743	22.3
			Hotspot Test	data(Se	eparate 1	10mm 1I	RB)				
Front side PC2&3	100	QPSK 1_1		1:1.25		0.06	21.23	21.80	1.140	0.328	22.3
Back side PC2&3	100	QPSK 1_1	633334/3500	1:1.25	0.543	-0.08	21.23	21.80	1.140	0.643	22.3
Left side PC2&3	100	QPSK 1_1	633334/3500	1:1.25	0.526	0.09	21.23	21.80	1.140	0.623	22.3
Top side PC2&3	100	QPSK 1_1	633334/3500	1:1.25	0.150	-0.02	21.23	21.80	1.140	0.178	22.3
		l	Hotspot Test da	ata (Sep	oarate 10	0mm 50°	%RB)				
Front side PC2&3	100	QPSK 135_69	633334/3500	1:1.25	0.290	0.16	21.21	21.80	1.146	0.345	22.3
Back side PC2&3	100	OPSK 135, 69	633334/3500	1.1 25	0.553	-0.03	21.21	21.80	1.146	0.658	22.3
Daok 5140 1 0240		Q1 O1 100_00	00000-10000		0.000	-0.03	21.21	21.00	1.140	0.000	0
Left side PC2&3			633334/3500			0.02	21.21	21.80	1.146	0.667	22.3
	100	QPSK 135_69	633334/3500		0.560						
Left side PC2&3	100	QPSK 135_69	633334/3500 633334/3500	1:1.25 1:1.25	0.560	0.02 0.08	21.21	21.80	1.146	0.667	22.3
Left side PC2&3 Top side PC2&3	100	QPSK 135_69 QPSK 135_69	633334/3500 633334/3500 Ar	1:1.25 1:1.25 1:6 Tes	0.560 0.166 t Record	0.02 0.08 d Power	21.21 21.21	21.80 21.80	1.146	0.667 0.198	22.3
Left side PC2&3	100	QPSK 135_69 QPSK 135_69	633334/3500 633334/3500	1:1.25 1:1.25 nt6 Tes Duty	0.560 0.166 t Record SAR (W/kg)	0.02 0.08 Description	21.21 21.21 Conducted	21.80 21.80 Tune up	1.146	0.667 0.198 Scaled SAR 1-g	22.3
Left side PC2&3 Top side PC2&3	100	QPSK 135_69 QPSK 135_69	633334/3500 633334/3500 Ar Test ch./Freq.	1:1.25 1:1.25 nt6 Tes Duty Cycle	0.560 0.166 t Record SAR (W/kg) 1-g	0.02 0.08 d Power drift (dB)	21.21 21.21	21.80 21.80 Tune up	1.146	0.667 0.198	22.3
Left side PC2&3 Top side PC2&3 Test position	100 100 BW .	QPSK 135_69 QPSK 135_69 Modulation	633334/3500 633334/3500 Ar Test ch./Freq.	1:1.25 1:1.25 nt6 Tes Duty Cycle	0.560 0.166 t Record SAR (W/kg) 1-g data(1R	0.02 0.08 d Power drift (dB)	21.21 21.21 Conducted Power(dBm)	21.80 21.80 Tune up Limit(dBm)	1.146 1.146 Scaled factor	0.667 0.198 Scaled SAR 1-g (W/kg)	22.3 22.3 Liquid Temp.(°C)
Left side PC2&3 Top side PC2&3 Test position Left cheek PC2&3	100 100 BW .	QPSK 135_69 QPSK 135_69 Modulation QPSK 1_1	633334/3500 633334/3500 Ar Test ch./Freq. Hea 633334/3500	1:1.25 1:1.25 nt6 Tes Duty Cycle ad Test 1:1.25	0.560 0.166 t Record SAR (W/kg) 1-g data(1R) 0.245	0.02 0.08 d Power drift (dB) B) 0.05	21.21 21.21 Conducted Power(dBm)	21.80 21.80 Tune up Limit(dBm)	1.146 1.146 Scaled factor	0.667 0.198 Scaled SAR 1-g (W/kg)	22.3 22.3 Liquid Temp.(℃)
Left side PC2&3 Top side PC2&3 Test position Left cheek PC2&3 Left tilted PC2&3	BW. 100 100 100	QPSK 135_69 Modulation QPSK 1_1 QPSK 1_1	633334/3500 633334/3500 Ar Test ch./Freq. Hea 633334/3500 633334/3500	1:1.25 1:1.25 nt6 Tes Duty Cycle ad Test 1:1.25 1:1.25	0.560 0.166 t Record SAR (W/kg) 1-g data(1R) 0.245 0.142	0.02 0.08 d Power drift (dB) B) 0.05 -0.02	21.21 21.21 Conducted Power(dBm) 18.26 18.26	21.80 21.80 Tune up Limit(dBm)	1.146 1.146 Scaled factor 1.132 1.132	0.667 0.198 Scaled SAR 1-g (W/kg) 0.288 0.167	22.3 22.3 Liquid Temp.(°C) 22.3 22.3
Left side PC2&3 Top side PC2&3 Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3	BW. 100 100 100 100	QPSK 135_69 Modulation QPSK 1_1 QPSK 1_1 QPSK 1_1	633334/3500 633334/3500 Ar Test ch./Freq. Hea 633334/3500 633334/3500 633334/3500	1:1.25 1:1.25 nt6 Tes Duty Cycle ad Test 1:1.25 1:1.25 1:1.25	0.560 0.166 t Record SAR (W/kg) 1-g data(1R 0.245 0.142 0.077	0.02 0.08 d Power drift (dB) B) 0.05 -0.02 -0.06	21.21 21.21 Conducted Power(dBm) 18.26 18.26 18.26	21.80 21.80 Tune up Limit(dBm) 18.80 18.80 18.80	1.146 1.146 Scaled factor 1.132 1.132 1.132	0.667 0.198 Scaled SAR 1-9 (W/kg) 0.288 0.167 0.091	22.3 22.3 Liquid Temp.(°C) 22.3 22.3 22.3
Left side PC2&3 Top side PC2&3 Test position Left cheek PC2&3 Left tilted PC2&3	BW. 100 100 100	QPSK 135_69 Modulation QPSK 1_1 QPSK 1_1	633334/3500 633334/3500 Ar Test ch./Freq. Hea 633334/3500 633334/3500 633334/3500 633334/3500	1:1.25 1:1.25 nt6 Tes Duty Cycle ad Test 1:1.25 1:1.25 1:1.25 1:1.25	0.560 0.166 t Record SAR (W/kg) 1-g data(1R) 0.245 0.142 0.077 0.069	0.02 0.08 d Power drift (dB) B) 0.05 -0.02 -0.06	21.21 21.21 Conducted Power(dBm) 18.26 18.26	21.80 21.80 Tune up Limit(dBm)	1.146 1.146 Scaled factor 1.132 1.132	0.667 0.198 Scaled SAR 1-g (W/kg) 0.288 0.167	22.3 22.3 Liquid Temp.(°C) 22.3 22.3
Left side PC2&3 Top side PC2&3 Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3	100 100 8W.	QPSK 135_69 Modulation QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1	633334/3500 Ar Test ch./Freq. Head 633334/3500 633334/3500 633334/3500 Head	1:1.25 1:1.25 nt6 Tes Duty Cycle ad Test 1:1.25 1:1.25 1:1.25 Test d	0.560 0.166 t Record SAR (W/kg) 1-g data(1R) 0.245 0.142 0.077 0.069 ata(50%)	0.02 0.08 d Power drift (dB) B) 0.05 -0.02 -0.06 -0.18	21.21 21.21 Conducted Power(dBm) 18.26 18.26 18.26 18.26	21.80 21.80 Tune up Limit(dBm) 18.80 18.80 18.80	1.146 1.146 Scaled factor 1.132 1.132 1.132	0.667 0.198 Scaled SAR 1-g (W/kg) 0.288 0.167 0.091 0.081	22.3 22.3 Liquid Temp.(°C) 22.3 22.3 22.3 22.3
Left side PC2&3 Top side PC2&3 Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left cheek PC2&3	100 100 100 100 100 100	QPSK 135_69 Modulation QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_5	633334/3500 Ar Test ch./Freq. Head 633334/3500 633334/3500 633334/3500 Head 633334/3500	1:1.25 1:1.25 nt6 Tes Duty Cycle ad Test 1:1.25 1:1.25 1:1.25 1:1.25 Test di	0.560 0.166 t Record SAR (W/kg) 1-g data(1R) 0.245 0.142 0.077 0.069 ata(50%) 0.375	0.02 0.08 d Power drift (dB) B) 0.05 -0.02 -0.06 -0.18 RB)	21.21 21.21 Conducted Power(dBm) 18.26 18.26 18.26 18.26	21.80 21.80 Tune up Limit(dBm) 18.80 18.80 18.80	1.146 1.146 Scaled factor 1.132 1.132 1.132 1.132	0.667 0.198 Scaled SAR 1-g (W/kg) 0.288 0.167 0.091 0.081	22.3 22.3 Liquid Temp.(°C) 22.3 22.3 22.3 22.3 22.3
Left side PC2&3 Top side PC2&3 Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left cheek PC2&3 Left tilted PC2&3 Left tilted PC2&3	100 100 100 100 100 100 100	QPSK 135_69 Modulation QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_5 QPSK 135_69 QPSK 135_69	633334/3500 Ar Test ch./Freq. Head 633334/3500 633334/3500 633334/3500 Head 633334/3500 633334/3500 633334/3500	1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 Test d: 1:1.25 1:1.25	0.560 0.166 t Record SAR (W/kg) 1-g data(1R) 0.245 0.142 0.077 0.069 ata(50% 0.375 0.169	0.02 0.08 d Power drift (dB) B) 0.05 -0.02 -0.06 -0.18 RB) 0.02 -0.15	21.21 21.21 Conducted Power(dBm) 18.26 18.26 18.26 18.26 18.17	21.80 21.80 Tune up Limit(dBm) 18.80 18.80 18.80 18.80 18.80	1.146 1.146 Scaled factor 1.132 1.132 1.132 1.132 1.156 1.156	0.667 0.198 Scaled SAR 1-g (W/kg) 0.288 0.167 0.091 0.081	22.3 22.3 Liquid Temp.(°C) 22.3 22.3 22.3 22.3 22.3 22.3
Left side PC2&3 Top side PC2&3 Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3	100 100 100 100 100 100 100 100	QPSK 135_69 Modulation QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 135_69 QPSK 135_69 QPSK 135_69	633334/3500 Ar Test ch./Freq. Head 633334/3500 633334/3500 633334/3500 Head 633334/3500 633334/3500 633334/3500 633334/3500	1:1.25 1:1.25 nt6 Tes Duty Cycle dd Test 1:1.25 1:1.25 1:1.25 Test d: 1:1.25 1:1.25 1:1.25	0.560 0.166 t Record SAR (W/kg) 1-g data(1R) 0.245 0.142 0.077 0.069 ata(50% 0.375 0.169 0.095	0.02 0.08 d Power drift (dB) B) 0.05 -0.02 -0.06 -0.18 RB) 0.02 -0.15 0.08	21.21 21.21 Conducted Power(dBm) 18.26 18.26 18.26 18.17 18.17	21.80 21.80 Tune up Limit(dBm) 18.80 18.80 18.80 18.80 18.80 18.80	1.146 1.146 Scaled factor 1.132 1.132 1.132 1.132 1.156 1.156	0.667 0.198 Scaled SAR 1-g (W/kg) 0.288 0.167 0.091 0.081 0.450 0.203 0.114	22.3 22.3 Liquid Temp.(°C) 22.3 22.3 22.3 22.3 22.3 22.3 22.3
Left side PC2&3 Top side PC2&3 Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left cheek PC2&3 Left tilted PC2&3 Left tilted PC2&3	100 100 100 100 100 100 100 100	QPSK 135_69 Modulation QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 135_69 QPSK 135_69 QPSK 135_69	633334/3500 Ar Test ch./Freq. Head 633334/3500 633334/3500 633334/3500 Head 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500	1:1.25 1:1.25 nt6 Tes Duty Cycle ad Test 1:1.25 1:1.25 1:1.25 Test da 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25	0.560 0.166 t Record SAR (W/kg) 1-g data(1R) 0.245 0.142 0.077 0.069 ata(50%) 0.375 0.169 0.095 0.092	0.02 0.08 1 Power drift (dB) B) 0.05 -0.02 -0.06 -0.18 RB) 0.02 -0.15 0.08 -0.04	21.21 21.21 Conducted Power(dBm) 18.26 18.26 18.26 18.17 18.17 18.17	21.80 21.80 Tune up Limit(dBm) 18.80 18.80 18.80 18.80 18.80	1.146 1.146 Scaled factor 1.132 1.132 1.132 1.132 1.156 1.156	0.667 0.198 Scaled SAR 1-g (W/kg) 0.288 0.167 0.091 0.081	22.3 22.3 Liquid Temp.(°C) 22.3 22.3 22.3 22.3 22.3 22.3
Left side PC2&3 Top side PC2&3 Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right tilted PC2&3 Right tilted PC2&3	100 100 100 100 100 100 100 100 100 100	QPSK 135_69 Modulation QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_5 QPSK 135_69 QPSK 135_69 QPSK 135_69	633334/3500 Ar Test ch./Freq. Hea 633334/3500 633334/3500 633334/3500 Head 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 63334/3500 63300 Body worn Test	1:1.25 1:1.25 nt6 Tes Duty Cycle ad Test 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25	0.560 0.166 t Record SAR (W/kg) 1-g data(1R 0.245 0.142 0.077 0.069 ata(50% 0.375 0.169 0.095 0.092 Separate	0.02 0.08 1 Power drift (dB) B) 0.05 -0.02 -0.18 RB) 0.02 -0.15 0.08 -0.04 = 15mm	21.21 21.21 Conducted Power(dBm) 18.26 18.26 18.26 18.17 18.17 18.17 18.17	21.80 21.80 Tune up Limit(dBm) 18.80 18.80 18.80 18.80 18.80 18.80 18.80	1.146 1.146 Scaled factor 1.132 1.132 1.132 1.156 1.156 1.156	0.667 0.198 Scaled SAR 1-g (W/kg) 0.288 0.167 0.091 0.081 0.450 0.203 0.114 0.111	22.3 22.3 Liquid Temp.(℃) 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.
Left side PC2&3 Top side PC2&3 Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right side PC2&3 Right tilted PC2&3	100 100 100 100 100 100 100 100 100 100	QPSK 135_69 Modulation QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_5 QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 135_69	633334/3500 Ar Test ch./Freq. Head 633334/3500 633334/3500 633334/3500 Head 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500	1:1.25 1:1.25 nt6 Tes d Test 1:1.25 1:1.25 1:1.25 Test d 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25	0.560 0.166 t Record SAR (W/kg) 1-g data(1R 0.245 0.142 0.077 0.069 ata(50% 0.375 0.169 0.095 0.092 Separate	0.02 0.08 1 Power drift (dB) B) 0.05 -0.02 -0.06 -0.18 RB) 0.02 -0.15 0.08 -0.04 = 15mm 0.03	21.21 21.21 Conducted Power(dBm) 18.26 18.26 18.26 18.17 18.17 18.17 18.17 18.17	21.80 21.80 Tune up Limit(dBm) 18.80 18.80 18.80 18.80 18.80 18.80 18.80	1.146 1.146 Scaled factor 1.132 1.132 1.132 1.156 1.156 1.156 1.156	0.667 0.198 Scaled SAR 1-g (W/kg) 0.288 0.167 0.091 0.081 0.450 0.203 0.114 0.111	22.3 22.3 Liquid Temp.(°C) 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.
Left side PC2&3 Top side PC2&3 Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right tilted PC2&3 Right tilted PC2&3	100 100 100 100 100 100 100 100 100 100	QPSK 135_69 Modulation QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_5 QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 135_69	633334/3500 Ar Test ch./Freq. Hea 633334/3500 633334/3500 633334/3500 Head 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500	1:1.25 1:1.25 nt6 Tes Duty Cycle ad Test 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25	0.560 0.166 t Record SAR (W/kg) 1-g data(1R 0.245 0.142 0.077 0.069 ata(50% 0.375 0.169 0.095 0.092 Separate 0.034 0.046	0.02 0.08 1 Power drift (dB) B) 0.05 -0.02 -0.18 RB) 0.02 -0.15 0.08 -0.04 = 15mm 0.03 -0.19	21.21 21.21 21.21 Conducted Power(dBm) 18.26 18.26 18.26 18.17 18.17 18.17 18.17 18.17 18.17	21.80 21.80 Tune up Limit(dBm) 18.80 18.80 18.80 18.80 18.80 18.80 18.80	1.146 1.146 Scaled factor 1.132 1.132 1.132 1.156 1.156 1.156	0.667 0.198 Scaled SAR 1-g (W/kg) 0.288 0.167 0.091 0.081 0.450 0.203 0.114 0.111	22.3 22.3 Liquid Temp.(℃) 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.
Left side PC2&3 Top side PC2&3 Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right side PC2&3 Right side PC2 Back side PC2	100 100 100 100 100 100 100 100 100 100	QPSK 135_69 Modulation QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_5 QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 135_69	633334/3500 Ar Test ch./Freq. Hea 633334/3500 633334/3500 633334/3500 Head 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 body worn Test	1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25	0.560 0.166 t Record SAR (W/kg) 1-g data(1R 0.245 0.077 0.069 ata(50% 0.375 0.169 0.095 0.092 Separate 0.034 0.046 eparate	0.02 0.08 1 Power drift (dB) 0.05 -0.02 -0.06 -0.18 RB) 0.02 -0.15 0.08 -0.04 15mm 0.03 -0.19	21.21 21.21 21.21 Conducted Power(dBm) 18.26 18.26 18.26 18.17 18.17 18.17 18.17 18.17 18.17 18.16 25.16 25.16	21.80 21.80 21.80 Tune up Limit(dBm) 18.80 18.80 18.80 18.80 18.80 18.80 25.80	1.146 1.146 1.146 Scaled factor 1.132 1.132 1.132 1.156 1.156 1.156 1.159 1.159	0.667 0.198 Scaled SAR 1-g (W/kg) 0.288 0.167 0.091 0.081 0.450 0.203 0.114 0.111 0.041 0.056	22.3 22.3 Liquid Temp.(℃) 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3
Left side PC2&3 Top side PC2&3 Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right side PC2&3 Front side PC2 Front side PC2	100 100 100 100 100 100 100 100 100 100	QPSK 135_69 Modulation QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_5 QPSK 135_69	633334/3500 Ar Test ch./Freq. Hea 633334/3500 633334/3500 633334/3500 Head 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 body worn Test 633334/3500 ody worn Test 633334/3500	1:1.25 1:1.25	0.560 0.166 t Record SAR (W/kg) 1-g data(1R 0.245 0.077 0.069 ata(50% 0.375 0.169 0.095 0.092 Separate 0.034 0.046 eparate	0.02 0.08 1 Power drift (dB) 0.05 -0.02 -0.06 -0.18 RB) 0.02 -0.15 0.08 -0.04 15mm 5 0.04	21.21 21.21 21.21 Conducted Power(dBm) 18.26 18.26 18.26 18.17 18.17 18.17 18.17 18.17 18.16 25.16 25.16 0%RB)	21.80 21.80 21.80 Tune up Limit(dBm) 18.80 18.80 18.80 18.80 18.80 18.80 25.80 25.80	1.146 1.146 1.146 Scaled factor 1.132 1.132 1.132 1.156 1.156 1.156 1.159 1.159	0.667 0.198 Scaled SAR 1-g (W/kg) 0.288 0.167 0.091 0.081 0.450 0.203 0.114 0.111 0.041 0.056	22.3 22.3 Liquid Temp.(℃) 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3
Left side PC2&3 Top side PC2&3 Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right side PC2 Back side PC2 Back side PC2 Back side PC2	100 100 100 100 100 100 100 100 100 100	QPSK 135_69 Modulation QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_5_69 QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_5_69 QPSK 135_69 QPSK 135_69 QPSK 135_69	633334/3500 Ar Test ch./Freq. Hea 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500	1:1.25 1:1.25	0.560 0.166 t Record SAR (W/kg) 1-g data(1R 0.245 0.077 0.069 ata(50% 0.375 0.169 0.095 0.092 Separate 0.034 0.046 eparate 0.047 0.055	0.02 0.08 1 Power drift (dB) 0.05 -0.02 -0.06 -0.18 RB) 0.02 -0.15 0.08 -0.04 = 15mm 5 0.03 -0.19 15mm 5 0.04 -0.10	21.21 21.21 21.21 Conducted Power(dBm) 18.26 18.26 18.26 18.17 18.17 18.17 18.17 18.17 18.17 17.17 18.17 18.17 18.17 18.17 18.17 18.17 18.17 18.17 18.17 18.17 18.17	21.80 21.80 21.80 Tune up Limit(dBm) 18.80 18.80 18.80 18.80 18.80 25.80 25.80 25.80	1.146 1.146 1.146 Scaled factor 1.132 1.132 1.132 1.156 1.156 1.156 1.159 1.159 1.169	0.667 0.198 Scaled SAR 1-g (W/kg) 0.288 0.167 0.091 0.081 0.450 0.203 0.114 0.111 0.041 0.056	22.3 22.3 Liquid Temp.(℃) 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3
Left side PC2&3 Top side PC2&3 Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right side PC2&3 Front side PC2 Front side PC2	100 100 100 100 100 100 100 100 100 100	QPSK 135_69 Modulation QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_5_69 QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_5_69 QPSK 135_69 QPSK 135_69 QPSK 135_69	633334/3500 Ar Test ch./Freq. Head 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500	1:1.25 1:1.25	0.560 0.166 t Record SAR (W/kg) 1-g data(1R 0.245 0.142 0.077 0.069 ata(50% 0.375 0.169 0.095 0.092 Separate 0.046 eparate 0.047 0.055 0.045	0.02 0.08 1 Power drift (dB) B) 0.05 -0.02 -0.16 -0.18 RB) 0.02 -0.15 0.08 -0.04 = 15mm 5 0.04 -0.19 15mm 5 0.04 -0.10	21.21 21.21 21.21 Conducted Power(dBm) 18.26 18.26 18.26 18.17 18.17 18.17 18.17 18.17 18.17 25.16 25.16 0%RB) 25.12 25.12 22.17	21.80 21.80 21.80 Tune up Limit(dBm) 18.80 18.80 18.80 18.80 18.80 18.80 25.80 25.80	1.146 1.146 1.146 Scaled factor 1.132 1.132 1.132 1.156 1.156 1.156 1.159 1.159	0.667 0.198 Scaled SAR 1-g (W/kg) 0.288 0.167 0.091 0.081 0.450 0.203 0.114 0.111 0.041 0.056	22.3 22.3 Liquid Temp.(°C) 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3
Left side PC2&3 Top side PC2&3 Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right tilted PC2&3 Front side PC2 Back side PC2 Back side PC2 Back side PC3	100 100 100 100 100 100 100 100 100 100	QPSK 135_69 Modulation QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_5_69 QPSK 135_69 QPSK 135_69 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_5 QP	63334/3500 633334/3500 Ar Test ch./Freq. Head 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 640 worn Test 633334/3500 633334/3500 640 worn Test 633334/3500 640 worn Test 633334/3500 640 worn Test 633334/3500 640 worn Test	1:1.25 1:1.25	0.560 0.166 t Record SAR (W/kg) 1-g data(1R 0.245 0.142 0.077 0.069 ata(50% 0.375 0.169 0.095 0.092 Separate 0.034 0.046 eparate 0.047 0.055 0.045 eparate	0.02 0.08 1 Power drift (dB) 0.05 -0.02 -0.18 RB) 0.02 -0.15 0.08 -0.04 15mm 5 0.04 -0.10 -0.10	21.21 21.21 21.21 Conducted Power(dBm) 18.26 18.26 18.26 18.17 18.17 18.17 18.17 1RB) 25.16 25.16 0%RB) 25.12 25.12 22.17	21.80 21.80 21.80 Tune up Limit(dBm) 18.80 18.80 18.80 18.80 25.80 25.80 25.80 25.80 22.80	1.146 1.146 1.146 1.146 1.132 1.132 1.132 1.132 1.156 1.156 1.159 1.159 1.169 1.169 1.156	0.667 0.198 Scaled SAR 1-g (W/kg) 0.288 0.167 0.091 0.081 0.450 0.203 0.114 0.111 0.041 0.056 0.058 0.068 0.054	22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3
Left side PC2&3 Top side PC2&3 Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right cheek PC2&3 Front side PC2 Back side PC2 Back side PC2 Back side PC3 Front side PC3	100 100 100 100 100 100 100 100 100 100	QPSK 135_69 Modulation QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_5 QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 1_1 QPSK 1_1 BG QPSK 135_69	63334/3500 633334/3500 Ar Test ch./Freq. Head 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 Body worn Test 633334/3500 ody worn Test 633334/3500 dogs worn Test 633334/3500 Hotspot Test 633334/3500	1:1.25 1:1.25	0.560 0.166 t Record SAR (W/kg) 1-g data(1R 0.245 0.142 0.077 0.069 ata(50% 0.375 0.169 0.095 0.092 Separate 0.044 0.046 eparate 0.047 0.055 0.045 eparate 0.065	0.02 0.08 1 Power drift (dB) 0.05 -0.02 -0.18 RB) 0.02 -0.15 0.08 -0.04 15mm 5 0.04 -0.10 -0.10	21.21 21.21 21.21 Conducted Power(dBm) 18.26 18.26 18.26 18.17 18.17 18.17 18.17 18.17 1RB) 25.16 25.16 0%RB) 25.12 22.17 RB) 25.16	21.80 21.80 21.80 Tune up Limit(dBm) 18.80 18.80 18.80 18.80 25.80 25.80 25.80 25.80 25.80	1.146 1.146 1.146 1.146 1.132 1.132 1.132 1.132 1.156 1.156 1.156 1.159 1.169 1.169 1.156	0.667 0.198 Scaled SAR 1-g (W/kg) 0.288 0.167 0.091 0.081 0.450 0.203 0.114 0.111 0.041 0.056 0.058 0.068 0.054	22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3
Left side PC2&3 Top side PC2&3 Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left tilted PC2&3 Right tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right tilted PC2&3 Front side PC2 Back side PC2 Back side PC2 Back side PC3 Front side PC2 Back side PC3 Front side PC2&3 Back side PC2&3 Back side PC2&3	100 100 100 100 100 100 100 100 100 100	QPSK 135_69 Modulation QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_5 QPSK 135_69	63334/3500 633334/3500 Ar Test ch./Freq. Head 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 640 worn Test 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500	1:1.25 1:1.25	0.560 0.166 t Record SAR (W/kg) 1-g data(1R 0.245 0.142 0.077 0.069 ata(50% 0.375 0.169 0.095 0.092 Separate 0.044 0.046 eparate 0.047 0.055 0.045 eparate 0.065 0.081	0.02 0.08 1 Power drift (dB) 0.05 -0.02 -0.16 -0.18 RB) 0.02 -0.15 0.08 -0.04 15mm 5 0.04 -0.10 -0.10 10mm 11 0.06 0.13	21.21 21.21 21.21 Conducted Power(dBm) 18.26 18.26 18.26 18.17 18.17 18.17 18.17 1RB) 25.16 25.16 0%RB) 25.12 22.17 RB) 25.16 25.16	21.80 21.80 21.80 Tune up Limit(dBm) 18.80 18.80 18.80 18.80 25.80 25.80 25.80 25.80 25.80 25.80 25.80	1.146 1.146 1.146 1.146 1.132 1.132 1.132 1.132 1.156 1.156 1.156 1.159 1.169 1.169 1.159	0.667 0.198 Scaled SAR 1-g (W/kg) 0.288 0.167 0.091 0.081 0.450 0.203 0.114 0.111 0.041 0.056 0.058 0.068 0.054 0.079 0.099	22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3
Left side PC2&3 Top side PC2&3 Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right cheek PC2&3 Front side PC2 Back side PC2 Back side PC2 Back side PC3 Front side PC3	100 100 100 100 100 100 100 100 100 100	QPSK 135_69 Modulation QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_5 QPSK 135_69	63334/3500 633334/3500 Ar Test ch./Freq. Head 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 633334/3500 Body worn Test 633334/3500 ody worn Test 633334/3500 dogs worn Test 633334/3500 Hotspot Test 633334/3500	1:1.25 1:1.25	0.560 0.166 t Record SAR (W/kg) 1-g data(1R 0.245 0.142 0.077 0.069 ata(50% 0.375 0.169 0.095 0.092 Separate 0.047 0.055 0.045 eparate 0.065 0.081 0.067	0.02 0.08 1 Power drift (dB) 0.05 -0.02 -0.18 RB) 0.02 -0.15 0.08 -0.04 15mm 5 0.04 -0.10 -0.10	21.21 21.21 21.21 Conducted Power(dBm) 18.26 18.26 18.26 18.17 18.17 18.17 18.17 18.17 1RB) 25.16 25.16 0%RB) 25.12 22.17 RB) 25.16	21.80 21.80 21.80 Tune up Limit(dBm) 18.80 18.80 18.80 18.80 25.80 25.80 25.80 25.80 25.80	1.146 1.146 1.146 1.146 1.132 1.132 1.132 1.132 1.156 1.156 1.156 1.159 1.169 1.169 1.156	0.667 0.198 Scaled SAR 1-g (W/kg) 0.288 0.167 0.091 0.081 0.450 0.203 0.114 0.111 0.041 0.056 0.058 0.068 0.054	22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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 relects 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 one one 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) 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: CAD.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 s

www.sgsgroup.com.cn sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 95 of 121

	Hotspot Test data (Separate 10mm 50%RB)												
Ī	Front side PC2&3 100 QPSK 135_69 633334/3500 1:1.25 0.088 -0.16 25.12 25.80 1.169 0.108 22.3												
Ī	Back side PC2&3	100 QP	PSK 135_69	633334/3500	1:1.25	0.132	0.03	25.12	25.80	1.169	0.163	22.3	
Ī	Right side PC2&3	100 QP	PSK 135_69	633334/3500	1:1.25	0.067	-0.02	25.12	25.80	1.169	0.083	22.3	
ſ	Top side PC2&3 100 QPSK 135 69 633334/3500 1:1.25 0.052 -0.17 25.12 25.80 1.169 0.064 22.3												

Table 33: SAR of 5G NR n77(3450~3550) for Head and Body.

Test Position	Channel/ Frequency	Measured SAR	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated	
	(MHz)	(1g)	SAR (1g)		SAR (1g)	SAR (1g)	
Right cheek	633334/3500	1.060	1.030	1.029126214	N/A	N/A	

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.

9.2.10 SAR Result of 5G NR n77(3700~3980)

SA N77 SAR Test Record													
					st Reco								
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)		Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)		
			Н	ead Tes	st data(1	RB)							
Left cheek PC2	100	QPSK 1_1	656000/3840	1:1	0.035	-0.02	24.97	25.30	1.079	0.038	22.4		
Left tilted PC2	100	QPSK 1_1	656000/3840	1:1	0.037	0.05	24.97	25.30	1.079	0.040	22.4		
Right cheek PC2	100	QPSK 1_1	656000/3840	1:1	0.033	0.19	24.97	25.30	1.079	0.036	22.4		
Right tilted PC2	100	QPSK 1_1	656000/3840	1:1	0.031	-0.04	24.97	25.30	1.079	0.033	22.4		
			Hea	ad Test	data(50°	6RB)							
Left cheek PC2 100 QPSK 135_69 656000/3840 1:1 0.039 -0.02 24.94 25.30 1.086 0.042 22.4													
Left cheek PC3	100	QPSK 135_69	656000/3840	1:1.25	0.036	0.01	21.86	22.30	1.107	0.040	22.4		
Left tilted PC2	100	QPSK 135_69	656000/3840	1:1	0.036	0.16	24.94	25.30	1.086	0.039	22.4		
Right cheek PC2		QPSK 135_69		1:1	0.035	-0.13	24.94	25.30	1.086	0.038	22.4		
Right tilted PC2	100	QPSK 135_69	656000/3840	1:1	0.034	0.07	24.94	25.30	1.086	0.037	22.4		
			Body worn T	est data	a(Separa	te 15mm	1RB)						
Front side PC2	100	QPSK 1_1	656000/3840	1:1	0.222	-0.10	24.97	25.30	1.079	0.240	22.4		
Back side PC2	100	QPSK 1_1	656000/3840	1:1	0.725	0.04	24.97	25.30	1.079	0.782	22.4		
Back side PC3	100	QPSK 1_1	656000/3840		0.697	0.18	21.93	22.30	1.089	0.759	22.4		
			Body worn Tes	st data (Separate	15mm (50%RB)				,		
Front side PC2	100	QPSK 135_69	656000/3840	1:1	0.230	0.14	24.94	25.30	1.086	0.250	22.4		
Back side PC2	100	QPSK 135_69	656000/3840	1:1	0.656	0.19	24.94	25.30	1.086	0.713	22.4		
			Hotspot Te										
Front side PC2&3	100	QPSK 1_1	656000/3840			0.11	21.93	22.30	1.089	0.296	22.4		
Back side PC2&3	100	QPSK 1_1	656000/3840		1.060	-0.03	21.93	22.30	1.089	1.154	22.4		
Back side PC2&3-repeated		QPSK 1_1	656000/3840		1.010	0.02	21.93	22.30	1.089	1.100	22.4		
Left side PC2&3	100	QPSK 1_1	656000/3840		0.432	0.08	21.93	22.30	1.089	0.470	22.4		
Bottom side PC2&3	100	QPSK 1_1	656000/3840			0.07	21.93	22.30	1.089	0.315	22.4		
			Hotspot Test						1		ı		
Front side PC2&3		QPSK 135_69				0.02	21.86	22.30	1.107	0.314	22.4		
Back side PC2&3		QPSK 135_69			1.000	0.13	21.86	22.30	1.107	1.107	22.4		
Left side PC2&3		QPSK 135_69			0.496	-0.08	21.86	22.30	1.107	0.549	22.4		
Bottom side PC2&3	100	QPSK 135_69	656000/3840	1:1.25	0.326	-0.12	21.86	22.30	1.107	0.361	22.4		



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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) 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: CND.occheck@gs.com

South of No. 6 Plant, No. 1, Runshang Road, Suchou Industrial Park, Suchou Area, China (Jiangsu) Plot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州上区苏州工业园区洞胜路1号的6号厂房南部 邮编: 215000

²⁾ A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).

³⁾ A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

⁴⁾ Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 96 of 121

			Hotspot Test	data (S	eparate 1	10mm 10	0%RB)				
Back side PC2&3	100	QPSK 270 0	656000/3840			-0.06	20.72	21.30	1.143	1.166	22.4
	1	<u></u>			est Reco		, ==:-=				
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)		Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Laft abank DOO	400	ODCK 4. 4			st data(1	, ,	04.40	04.00	4 4 5 2	0.004	20.4
Left cheek PC2 Left tilted PC2	100	QPSK 1_1 QPSK 1_1	656000/3840 656000/3840	1:1	0.174	-0.04 -0.01	24.18 24.18	24.80	1.153 1.153	0.201 0.062	22.4 22.4
Right cheek PC2		QPSK 1_1 QPSK 1_1		1:1 1:1				24.80			22.4
	100	QPSK 1_1	656000/3840	1:1.25	0.265 0.190	0.01	24.18	24.80	1.153	0.306	22.4
Right cheek PC3	100	QPSK 1_1	656000/3840 656000/3840	1:1.25	0.190	0.07	21.23	21.80	1.140	0.217	22.4
Right tilted PC2	100	QPSK I_I				0.15	24.18	24.80	1.153	0.160	22.4
Loft about DC2	100	ODSV 125 60			data(50	1 1	24.11	24.00	1 170	0.420	22.4
Left cheek PC2		QPSK 135_69		1:1	0.119	-0.04	24.11	24.80	1.172	0.139	22.4
Left tilted PC2		QPSK 135_69		1:1	0.053	0.16	24.11	24.80	1.172	0.062	22.4
Right cheek PC2		QPSK 135_69		1:1	0.188	-0.18	24.11	24.80	1.172	0.220	22.4
Right tilted PC2	100	QPSK 135_69		1:1	0.068	0.03	24.11	24.80	1.172	0.080	22.4
F 4 11 B00	1400	00014.4	Body worn 1					04.00	4.50	0.070	00.4
Front side PC2	100	QPSK 1_1	656000/3840	1:1	0.068	-0.10	24.18	24.80	1.153	0.078	22.4
Back side PC2	100	QPSK 1_1	656000/3840	1:1	0.267	0.09	24.18	24.80	1.153	0.308	22.4
Back side PC3	100	QPSK 1_1	656000/3840		0.240	-0.06	21.23	21.80	1.140	0.274	22.4
			Body worn Tes				¥ .				·
Front side PC2		QPSK 135_69		1:1	0.051	-0.12	24.11	24.80	1.172	0.060	22.4
Back side PC2	100	QPSK 135_69		1:1	0.225	-0.04	24.11	24.80	1.172	0.264	22.4
			Hotspot Te					T			
Front side PC2	100	QPSK 1_1	656000/3840	1:1	0.076	-0.16	24.18	24.80	1.153	0.088	22.4
Back side PC2	100	QPSK 1_1	656000/3840	1:1	0.643	0.08	24.18	24.80	1.153	0.742	22.4
Back side PC3	100	QPSK 1_1	656000/3840	1:1.25	0.611	-0.16	21.23	21.80	1.140	0.697	22.4
Left side PC2	100	QPSK 1_1	656000/3840	1:1	0.256	-0.08	24.18	24.80	1.153	0.295	22.4
Top side PC2	100	QPSK 1_1	656000/3840	1:1	0.070	0.02	24.18	24.80	1.153	0.081	22.4
			Hotspot Test				r '	ı			1
Front side PC2	-	QPSK 135_69		1:1	0.077	0.12	24.11	24.80	1.172	0.090	22.4
Back side PC2	-	QPSK 135_69		1:1	0.501	-0.08	24.11	24.80	1.172	0.587	22.4
Left side PC2		QPSK 135_69		1:1	0.235	-0.02	24.11	24.80	1.172	0.275	22.4
Top side PC2	100	QPSK 135_69		1:1	0.052	0.01	24.11	24.80	1.172	0.061	22.4
				Ant5 To	est Reco			F.		1	
Test position	BW.	Modulation	Test ch./Freq.	Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
			H	ead Te	st data(1		l			· J/	
Left cheek PC2&3	100	QPSK 1 1	656000/3840		0.233	0.03	19.32	19.80	1.117	0.260	22.4
Left tilted PC2&3	100	QPSK 1 1	656000/3840			0.08	19.32	19.80	1.117	0.247	22.4
Right cheek PC2&3	100	QPSK 1 1	656000/3840			-0.03	19.32	19.80	1.117	0.977	22.4
Right tilted PC2&3	100	QPSK 1 1	656000/3840			-0.11	19.32	19.80	1.117	0.555	22.4
					data(50°						
Left cheek PC2&3	100	OPSK 135 69	656000/3840			0.06	19.29	19.80	1.125	0.262	22.4
Left tilted PC2&3			656000/3840			-0.02	19.29	19.80	1.125	0.231	22.4
Right cheek PC2&3			656000/3840			0.05	19.29	19.80	1.125	1.147	22.4
Right tilted PC2&3		_	656000/3840			0.06	19.29	19.80	1.125	0.596	22.4
ragin anour ozao	1.00	<u>a. 511 100_09</u>			data(100		10.20	10.00	1.120	0.000	22.7
Right cheek PC2&3	100	OPSK 270_0	656000/3840			0.13	19.24	19.80	1.138	0.883	22.4
ragin offeet F 0200	100	Q1 O1(210_0	Body worn T					18.00	1.130	0.000	22.4
Front side PC2&3	100	QPSK 1_1	656000/3840			0.03	22.11	22.80	1.172	0.207	22.4
Back side PC2&3	100	QPSK 1_1	656000/3840			0.03	22.11	22.80	1.172	0.207	22.4
Daun Side FUZXS	100	Q1 01\ 1_1	Body worn Tes					22.00	1.112	0.304	<i>4</i> 2.4
			Dody Wolli Tes	or uald	Ochaiale	י וווווווו	JO /01 (D)				



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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 relects 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 one one 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) 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: CAD.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 97 of 121

Front side PC2&3			656000/3840		0.176	-0.02	21.97	22.80	1.211	0.213	22.4
Back side PC2&3	100	QPSK 135_69	656000/3840	1:1.25	0.372	0.05	21.97	22.80	1.211	0.450	22.4
			Hotspot Te	st data(Separate	10mm 1	IRB)				
Front side PC2&3	100	QPSK 1_1	656000/3840	1:1.25	0.328	0.03	21.25	21.80	1.135	0.372	22.4
Back side PC2&3	100	QPSK 1_1	656000/3840	1:1.25	0.707	0.15	21.25	21.80	1.135	0.802	22.4
Left side PC2&3	100	QPSK 1_1	656000/3840		0.937	0.01	21.25	21.80	1.135	1.064	22.4
Top side PC2&3	100	QPSK 1_1	656000/3840		0.205	-0.08	21.25	21.80	1.135	0.233	22.4
			Hotspot Test				,	ı			ı
Front side PC2&3			656000/3840		0.331	-0.17	21.17	21.80	1.156	0.383	22.4
Back side PC2&3		_			0.777	0.07	21.17	21.80	1.156	0.898	22.4
Left side PC2&3			656000/3840		0.944	0.08	21.17	21.80	1.156	1.091	22.4
Top side PC2&3	100	QPSK 135_69	656000/3840		0.235	0.03	21.17	21.80	1.156	0.272	22.4
			Hotspot Test		•						
Back side PC2&3	100	QPSK 270_0	656000/3840		0.770	0.11	21.19	21.80	1.151	0.886	22.4
Left side PC2&3	100	QPSK 270_0	656000/3840	1:1.25	0.900	-0.10	21.19	21.80	1.151	1.036	22.4
Test position	BW.	Modulation	Test ch./Freq.	Duty	SAR (W/kg)	Power drift	Conducted	Tune up	Scaled	Scaled SAR 1-g	Liquid
rest position	DVV.	Modulation	rest cii./Freq.	Cycle	(W/kg) 10-q	(dB)	Power(dBm)	Limit(dBm)	factor	(W/kg)	Temp.(℃)
		Prod	uct specific 10c	SAR T			10mm 1RB)			(TT/Rg)	
Back side PC2&3	100	QPSK 1 1	656000/3840		1.500	0.09	22.11	22.80	1.172	1.758	22.4
Left side PC2&3	100	QPSK 1 1	656000/3840		2.000	0.19	22.11	22.80	1.172	2.344	22.4
			t specific 10gS							-	ı
Back side PC2&3	100		656000/3840		1.540	0.11	21.97	22.80	1.211	1.864	22.4
Left side PC2&3			656000/3840		2.130	-0.06	21.97	22.80	1.211	2.579	22.4
Left side PC2&3-repeated	100	QPSK 135 69	656000/3840	1:1.25	2.080	0.09	21.97	22.80	1.211	2.518	22.4
		Product	t specific 10gSA	AR Test	data (Se	parate 1	0mm 100%RI	B)			ı
Left side PC2&3	100	OPSK 270_0	656000/3840	1.1 25	1.800	-0.14	21.94	22.80	1.219	2.194	22.4
		Q1 O1 210_0	03000073040	1.1.20	1.000	-0.14	21.34	22.00	1.219	2.134	22.7
	.00	QI OIX 210_0			est Reco		21.94	22.60	1.219	2.194	22.4
		_	,	Ant6 Te	est Reco SAR	rd Power				Scaled	
	BW.	_		Ant6 Te	SAR (W/kg)	rd Power drift	Conducted Power(dBm)	Tune up	Scaled	Scaled SAR 1-g	Liquid
		_	Test ch./Freq.	Ant6 Te Duty Cycle	SAR (W/kg) 1-g	Power drift (dB)	Conducted	Tune up	Scaled	Scaled	
Test position	BW.	Modulation	Test ch./Freq.	Ant6 Te Duty Cycle ead Tes	SAR SAR (W/kg) 1-g st data(1	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
Test position Left cheek PC2&3	BW .	Modulation QPSK 1_1	Test ch./Freq.	Duty Cycle ead Tes 1:1.25	SAR (W/kg) 1-g st data(1F	Power drift (dB) RB) -0.07	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
Test position Left cheek PC2&3 Left tilted PC2&3	BW .	Modulation QPSK 1_1 QPSK 1_1	Test ch./Freq. H 656000/3840 656000/3840	Duty Cycle ead Tes 1:1.25 1:1.25	SAR (W/kg) 1-g st data(18 0.621 0.352	Power drift (dB) RB) -0.07 0.09	Conducted Power(dBm) 18.52 18.52	Tune up Limit(dBm) 19.30 19.30	Scaled factor 1.197 1.197	Scaled SAR 1-g (W/kg) 0.743 0.421	Liquid Temp.(℃) 22.4 22.4
Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3	100 100 100	Modulation QPSK 1_1 QPSK 1_1 QPSK 1_1	Test ch./Freq. H 656000/3840 656000/3840 656000/3840	Duty Cycle ead Tes 1:1.25 1:1.25	SAR (W/kg) 1-g st data(1F 0.621 0.352 0.319	Power drift (dB) RB) -0.07 0.09 -0.16	Conducted Power(dBm) 18.52 18.52 18.52	Tune up Limit(dBm) 19.30 19.30 19.30	1.197 1.197 1.197	Scaled SAR 1-g (W/kg) 0.743 0.421 0.382	Liquid Temp.(℃) 22.4 22.4 22.4
Test position Left cheek PC2&3 Left tilted PC2&3	BW .	Modulation QPSK 1_1 QPSK 1_1	Test ch./Freq. H 656000/3840 656000/3840 656000/3840 656000/3840	Duty Cycle ead Tes 1:1.25 1:1.25 1:1.25	est Reco SAR (W/kg) 1-g st data(1f 0.621 0.352 0.319 0.324	Power drift (dB) RB) -0.07 0.09 -0.16	Conducted Power(dBm) 18.52 18.52	Tune up Limit(dBm) 19.30 19.30	Scaled factor 1.197 1.197	Scaled SAR 1-g (W/kg) 0.743 0.421	Liquid Temp.(℃) 22.4 22.4
Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3	100 100 100 100	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1	Test ch./Freq. H 656000/3840 656000/3840 656000/3840 Hei	Duty Cycle ead Test 1:1.25 1:1.25 1:1.25 ad Test	est Reco SAR (W/kg) 1-g st data(1F 0.621 0.352 0.319 0.324 data(50%	Power drift (dB) RB) -0.07 0.09 -0.16 -0.05	Conducted Power(dBm) 18.52 18.52 18.52 18.52	Tune up Limit(dBm) 19.30 19.30 19.30 19.30	1.197 1.197 1.197 1.197	Scaled SAR 1-g (W/kg) 0.743 0.421 0.382 0.388	Liquid Temp.(°C) 22.4 22.4 22.4 22.4
Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left cheek PC2&3	100 100 100 100	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1	Test ch./Freq. H 656000/3840 656000/3840 656000/3840 Hea 656000/3840	Duty Cycle ead Tes 1:1.25 1:1.25 1:1.25 1:1.25 ad Test 1:1.25	est Reco SAR (W/kg) 1-g st data(1f 0.621 0.352 0.319 0.324 data(50% 0.920	Power drift (dB) RB) -0.07 0.09 -0.16 -0.05 6RB) -0.03	Conducted Power(dBm) 18.52 18.52 18.52 18.52 18.47	Tune up Limit(dBm) 19.30 19.30 19.30 19.30	Scaled factor 1.197 1.197 1.197 1.197 1.197	Scaled SAR 1-g (W/kg) 0.743 0.421 0.382 0.388	Liquid Temp.(°C) 22.4 22.4 22.4 22.4 22.4
Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left cheek PC2&3 Left cheek PC2&3 Left cheek PC2&3	100 100 100 100 100	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 135_69 QPSK 135_69	Test ch./Freq. H 656000/3840 656000/3840 656000/3840 Hea 656000/3840 656000/3840	Duty Cycle ead Test 1:1.25 1:1.25 1:1.25 1:1.25 ad Test 1:1.25 1:1.25	st Reco SAR (W/kg) 1-g st data(1f 0.621 0.352 0.319 0.324 data(50% 0.920 0.601	Power drift (dB) RB) -0.07 0.09 -0.16 -0.05 6RB) -0.03	Conducted Power(dBm) 18.52 18.52 18.52 18.52 18.47 18.47	Tune up Limit(dBm) 19.30 19.30 19.30 19.30	1.197 1.197 1.197 1.197 1.197 1.211	Scaled SAR 1-g (W/kg) 0.743 0.421 0.382 0.388 1.114 0.728	Liquid Temp.(°C) 22.4 22.4 22.4 22.4 22.4 22.4
Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3	100 100 100 100 100 100	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_5 QPSK 135_69 QPSK 135_69 QPSK 135_69	Test ch./Freq. H 656000/3840 656000/3840 656000/3840 Hea 656000/3840 656000/3840 656000/3840	Duty Cycle ead Tes 1:1.25 1:1.25 1:1.25 1:1.25 ad Test 1:1.25 1:1.25 1:1.25	st Reco SAR (W/kg) 1-g st data(1f 0.621 0.352 0.319 0.324 data(50% 0.920 0.601 0.310	Power drift (dB) RB) -0.07 0.09 -0.16 -0.05 6RB) -0.03 -0.05 0.17	Conducted Power(dBm) 18.52 18.52 18.52 18.52 18.47 18.47 18.47	Tune up Limit(dBm) 19.30 19.30 19.30 19.30 19.30 19.30	1.197 1.197 1.197 1.197 1.197 1.211 1.211	Scaled SAR 1-g (W/kg) 0.743 0.421 0.382 0.388 1.114 0.728 0.375	Liquid Temp.(°C) 22.4 22.4 22.4 22.4 22.4 22.4 22.4
Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left cheek PC2&3 Left cheek PC2&3 Left cheek PC2&3	100 100 100 100 100 100	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_5 QPSK 135_69 QPSK 135_69 QPSK 135_69	Test ch./Freq. H 656000/3840 656000/3840 656000/3840 Hea 656000/3840 656000/3840 656000/3840 656000/3840	Duty Cycle ead Tes 1:1.25 1:1.25 1:1.25 1:1.25 ad Test 1:1.25 1:1.25 1:1.25 1:1.25	st Reco SAR (W/kg) 1-g st data(1f 0.621 0.352 0.319 0.324 data(50% 0.920 0.601	Power drift (dB) RB) -0.07 0.09 -0.16 -0.05 6RB) -0.03 -0.05 0.17 0.09	Conducted Power(dBm) 18.52 18.52 18.52 18.52 18.47 18.47	Tune up Limit(dBm) 19.30 19.30 19.30 19.30	1.197 1.197 1.197 1.197 1.197 1.211	Scaled SAR 1-g (W/kg) 0.743 0.421 0.382 0.388 1.114 0.728	Liquid Temp.(°C) 22.4 22.4 22.4 22.4 22.4 22.4
Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3	100 100 100 100 100 100 100	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 135_69	Test ch./Freq. H 656000/3840 656000/3840 656000/3840 Hea 656000/3840 656000/3840 656000/3840 656000/3840	Duty Cycle ead Tes 1:1.25 1:1.25 1:1.25 1:1.25 ad Test 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25	st Reco SAR (W/kg) 1-g st data(1f 0.621 0.352 0.319 0.324 data(509 0.920 0.601 0.310 0.256 data(100	Power drift (dB) RB) -0.07 0.09 -0.16 -0.05 6RB) -0.03 -0.05 0.17 0.09	Conducted Power(dBm) 18.52 18.52 18.52 18.52 18.47 18.47 18.47	Tune up Limit(dBm) 19.30 19.30 19.30 19.30 19.30 19.30	1.197 1.197 1.197 1.197 1.197 1.211 1.211	Scaled SAR 1-g (W/kg) 0.743 0.421 0.382 0.388 1.114 0.728 0.375	Liquid Temp.(°C) 22.4 22.4 22.4 22.4 22.4 22.4 22.4
Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right cheek PC2&3	100 100 100 100 100 100 100	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 135_69	Test ch./Freq. H 656000/3840 656000/3840 656000/3840 Hea 656000/3840 656000/3840 656000/3840 He56000/3840 He666000/3840 Hea	Duty Cycle ead Tes 1:1.25 1:1.25 1:1.25 1:1.25 ad Test 1:1.25 1:1.25 1:1.25 d Test 1:1.25 d Test 1:1.25	st Reco SAR (W/kg) 1-g st data(1f 0.621 0.352 0.319 0.324 data(50% 0.920 0.601 0.310 0.256 data(100' 0.763	Power drift (dB) RB) -0.07 0.09 -0.16 -0.05 6RB) -0.03 -0.05 0.17 0.09 %RB) -0.13	Conducted Power(dBm) 18.52 18.52 18.52 18.52 18.47 18.47 18.47 18.47	Tune up Limit(dBm) 19.30 19.30 19.30 19.30 19.30 19.30 19.30	1.197 1.197 1.197 1.197 1.211 1.211 1.211	Scaled SAR 1-g (W/kg) 0.743 0.421 0.382 0.388 1.114 0.728 0.375 0.310	22.4 22.4 22.4 22.4 22.4 22.4 22.4 22.4
Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right cheek PC2&3	100 100 100 100 100 100 100	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_5 QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 135_69	Test ch./Freq. H 656000/3840 656000/3840 656000/3840 656000/3840 656000/3840 656000/3840 656000/3840 Hea 656000/3840 Body worn T	Duty Cycle ead Tes 1:1.25 1:1.25 1:1.25 1:1.25 ad Test 1:1.25 1:1.25 1:1.25 d Test 1:1.25 d Test 1:1.25	st Reco SAR (W/kg) 1-g st data(1f 0.621 0.352 0.319 0.324 data(50% 0.920 0.601 0.310 0.256 data(100' 0.763 a(Separa	Power drift (dB) RB) -0.07 0.09 -0.16 -0.05 6RB) -0.03 -0.05 0.17 0.09 %RB) -0.13	Conducted Power(dBm) 18.52 18.52 18.52 18.52 18.47 18.47 18.47 18.47	Tune up Limit(dBm) 19.30 19.30 19.30 19.30 19.30 19.30 19.30 19.30 19.30	1.197 1.197 1.197 1.197 1.211 1.211 1.211 1.211 1.213	Scaled SAR 1-g (W/kg) 0.743 0.421 0.382 0.388 1.114 0.728 0.375 0.310	22.4 22.4 22.4 22.4 22.4 22.4 22.4 22.4
Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right tilted PC2&3 Right tilted PC2&3	100 100 100 100 100 100 100 100	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_5 QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 135_69	Test ch./Freq. H 656000/3840 656000/3840 656000/3840 Hea 656000/3840 656000/3840 656000/3840 Hea 656000/3840	Duty Cycle ead Tes 1:1.25 1:1.25 1:1.25 1:1.25 ad Test 1:1.25 1:1.25 1:1.25 d Test t 1:1.25 d Test t	st Reco SAR (W/kg) 1-g st data(1f 0.621 0.352 0.319 0.324 data(50% 0.920 0.601 0.310 0.256 data(100' 0.763	Power drift (dB) RB) -0.07 0.09 -0.16 -0.05 6RB) -0.03 -0.05 0.17 0.09 %RB) -0.13 te 15mm	Conducted Power(dBm) 18.52 18.52 18.52 18.52 18.47 18.47 18.47 18.47 18.48	Tune up Limit(dBm) 19.30 19.30 19.30 19.30 19.30 19.30 19.30	1.197 1.197 1.197 1.197 1.211 1.211 1.211	Scaled SAR 1-g (W/kg) 0.743 0.421 0.382 0.388 1.114 0.728 0.375 0.310	Liquid Temp.(°C) 22.4 22.4 22.4 22.4 22.4 22.4 22.4 22.4 22.4 22.4
Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right tilted PC2&3 Right silted PC2&3 Front side PC2	100 100 100 100 100 100 100 100	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_5 QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 135_69	Test ch./Freq. H 656000/3840 656000/3840 656000/3840 656000/3840 656000/3840 656000/3840 Hea 656000/3840 Hea 656000/3840 Body worn T 656000/3840	Duty Cycle ead Tes 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 d Test d Test d:1.25 est data	st Reco SAR (W/kg) 1-g st data(1H 0.621 0.352 0.319 0.324 data(50% 0.920 0.601 0.310 0.256 data(100 0.763 a(Separa 0.299 0.357	Power drift (dB) RB) -0.07 0.09 -0.16 -0.05 6RB) -0.03 -0.05 0.17 0.09 %RB) -0.13 te 15mm -0.09 0.12	Conducted Power(dBm) 18.52 18.52 18.52 18.52 18.47 18.47 18.47 18.47 18.48 18.49 25.39 25.39	Tune up Limit(dBm) 19.30 19.30 19.30 19.30 19.30 19.30 19.30 19.30 19.30	1.197 1.197 1.197 1.197 1.211 1.211 1.211 1.213	Scaled SAR 1-g (W/kg) 0.743 0.421 0.382 0.388 1.114 0.728 0.375 0.310 0.926	Liquid Temp.(°C) 22.4 22.4 22.4 22.4 22.4 22.4 22.4 22
Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right tilted PC2&3 Right silted PC2&3 Front side PC2	100 100 100 100 100 100 100 100 100	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_5 QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 270_0 QPSK 1_1 QPSK 1_1 QPSK 1_1	Test ch./Freq. H 656000/3840 656000/3840 656000/3840 656000/3840 656000/3840 656000/3840 Hea 656000/3840 Hea 656000/3840 Body worn T 656000/3840 656000/3840	Duty Cycle ead Tes 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 d Test d Test d:1.25 est data	st Reco SAR (W/kg) 1-g st data(1H 0.621 0.352 0.319 0.324 data(50% 0.920 0.601 0.310 0.256 data(100 0.763 a(Separa 0.299 0.357	Power drift (dB) RB) -0.07 0.09 -0.16 -0.05 6RB) -0.03 -0.05 0.17 0.09 %RB) -0.13 te 15mm -0.09 0.12	Conducted Power(dBm) 18.52 18.52 18.52 18.52 18.47 18.47 18.47 18.47 18.48 18.49 25.39 25.39	Tune up Limit(dBm) 19.30 19.30 19.30 19.30 19.30 19.30 19.30 19.30 19.30	1.197 1.197 1.197 1.197 1.211 1.211 1.211 1.213	Scaled SAR 1-g (W/kg) 0.743 0.421 0.382 0.388 1.114 0.728 0.375 0.310 0.926	Liquid Temp.(°C) 22.4 22.4 22.4 22.4 22.4 22.4 22.4 22
Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right tilted PC2&3 Front side PC2 Back side PC2	100 100 100 100 100 100 100 100 100 100	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 270_0 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1	Test ch./Freq. H 656000/3840 656000/3840 656000/3840 656000/3840 656000/3840 656000/3840 Hea 656000/3840 Hea 656000/3840 Body worn T 656000/3840 Body worn Tes	Duty Cycle ead Test 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 d Test d Test d Test d Test d Test d Test d Test d Test d Test data (st Reco SAR (W/kg) 1-g st data(1H 0.621 0.352 0.319 0.324 data(50% 0.920 0.601 0.310 0.256 data(1000 0.763 a(Separa 0.299 0.357 Separate	Power drift (dB) RB) -0.07 0.09 -0.16 -0.05 6RB) -0.03 -0.05 0.17 0.09 %RB) -0.13 te 15mm -0.09 0.12	Conducted Power(dBm) 18.52 18.52 18.52 18.52 18.47 18.47 18.47 18.47 18.47 18.48 18.49 25.39 25.39 50%RB)	Tune up Limit(dBm) 19.30 19.30 19.30 19.30 19.30 19.30 19.30 19.30 19.30 25.80 25.80	1.197 1.197 1.197 1.197 1.211 1.211 1.211 1.211 1.213	Scaled SAR 1-g (W/kg) 0.743 0.421 0.382 0.388 1.114 0.728 0.375 0.310 0.926 0.329 0.392	22.4 22.4 22.4 22.4 22.4 22.4 22.4 22.4
Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right cheek PC2&3 Front side PC2 Back side PC2 Front side PC2	100 100 100 100 100 100 100 100 100 100	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 270_0 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_35_69	Test ch./Freq. H 656000/3840 656000/3840 656000/3840 656000/3840 656000/3840 656000/3840 Hea 656000/3840 Hea 656000/3840 Body worn T 656000/3840 Body worn Tes 656000/3840	Duty Cycle ead Test 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 d Test d Test d Test d Test d Test d Test d Test d Test d Test data (1:1 1:1	st Reco SAR (W/kg) 1-g st data(11 0.621 0.352 0.319 0.324 data(509 0.601 0.310 0.256 data(100 0.763 a(Separa 0.299 0.357 Separate 0.385 0.566	Power drift (dB) RB) -0.07 0.09 -0.16 -0.05 6RB) -0.03 -0.05 0.17 0.09 %RB) -0.13 te 15mm -0.09 15mm 6 -0.03	Conducted Power (dBm) 18.52 18.52 18.52 18.52 18.47 18.47 18.47 18.47 18.47 18.48 18.49 25.39 25.39 50%RB) 25.37	Tune up Limit(dBm) 19.30 19.30 19.30 19.30 19.30 19.30 19.30 19.30 25.80 25.80	1.197 1.197 1.197 1.197 1.211 1.211 1.211 1.213 1.099 1.099	Scaled SAR 1-g (W/kg) 0.743 0.421 0.382 0.388 1.114 0.728 0.375 0.310 0.926 0.329 0.392	22.4 22.4 22.4 22.4 22.4 22.4 22.4 22.4
Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right cheek PC2&3 Front side PC2 Back side PC2 Back side PC2 Back side PC2	100 100 100 100 100 100 100 100 100 100	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 270_0 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_35_69	Test ch./Freq. H 656000/3840 656000/3840 656000/3840 656000/3840 656000/3840 656000/3840 Hea 656000/3840 Hea 656000/3840 Body worn T 656000/3840 Body worn Tes 656000/3840 Body worn Tes	Duty Cycle ead Test 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 d Test 1:1.25 d Test 1:1.25 d Test 1:1.25 d Test data (1:1 1:1 1:1 1:1	st Reco SAR (W/kg) 1-g st data(11 0.621 0.352 0.319 0.324 data(509 0.601 0.310 0.256 data(100 0.763 a(Separa 0.299 0.357 Separate 0.385 0.566 0.503	Power drift (dB) RB) -0.07 0.09 -0.16 -0.05 6RB) -0.03 -0.05 0.17 0.09 %RB) -0.13 te 15mm -0.09 0.12 15mm -0.03 -0.01 -0.01	Conducted Power(dBm) 18.52 18.52 18.52 18.52 18.47 18.47 18.47 18.47 18.47 18.46 1RB) 25.39 25.39 25.39 50%RB) 25.37 22.55	Tune up Limit(dBm) 19.30 19.30 19.30 19.30 19.30 19.30 19.30 19.30 25.80 25.80 25.80	1.197 1.197 1.197 1.197 1.211 1.211 1.211 1.213 1.099 1.099	Scaled SAR 1-g (W/kg) 0.743 0.421 0.382 0.388 1.114 0.728 0.375 0.310 0.926 0.329 0.392 0.425 0.625	Liquid Temp.(°C) 22.4 22.4 22.4 22.4 22.4 22.4 22.4 22
Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right cheek PC2&3 Front side PC2 Back side PC2 Back side PC2 Back side PC2	100 100 100 100 100 100 100 100 100 100	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 135_69 QPSK 135_69 QPSK 135_69 QPSK 270_0 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_35_69	Test ch./Freq. H 656000/3840 656000/3840 656000/3840 656000/3840 656000/3840 656000/3840 Hea 656000/3840 Body worn T 656000/3840 Body worn Tes 656000/3840 Body worn Tes 656000/3840 656000/3840 656000/3840	Duty Cycle ead Test 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 d Test 1:1.25 est data (1:1 1:1 1:1 1:1.25 t data (1:1 1:1 1:1.25 t data (1:1 1:1 1:1.25 t data (1:1 1:1 1:1.25 t data (1:1 1:1 1:1 1:1 1:1 1:1 1:1 1:1 1:1 1:	st Reco SAR (W/kg) 1-g st data(11 0.621 0.352 0.319 0.324 data(509 0.601 0.310 0.256 data(100 0.763 a(Separa 0.299 0.357 Separate 0.385 0.566 0.503	Power drift (dB) RB) -0.07 0.09 -0.16 -0.05 6RB) -0.03 -0.05 0.17 0.09 %RB) -0.13 te 15mm -0.09 0.12 15mm -0.03 -0.01 -0.01	Conducted Power(dBm) 18.52 18.52 18.52 18.52 18.47 18.47 18.47 18.47 18.47 18.46 1RB) 25.39 25.39 25.39 50%RB) 25.37 22.55	Tune up Limit(dBm) 19.30 19.30 19.30 19.30 19.30 19.30 19.30 19.30 25.80 25.80 25.80	1.197 1.197 1.197 1.197 1.211 1.211 1.211 1.213 1.099 1.099	Scaled SAR 1-g (W/kg) 0.743 0.421 0.382 0.388 1.114 0.728 0.375 0.310 0.926 0.329 0.392 0.425 0.625	Liquid Temp.(°C) 22.4 22.4 22.4 22.4 22.4 22.4 22.4 22
Test position Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right cheek PC2&3 Front side PC2 Back side PC2 Back side PC2 Back side PC2 Back side PC3	100 100 100 100 100 100 100 100 100 100	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 135_69 QPSK 135_69 QPSK 270_0 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_569 QPSK 135_69 QPSK 135_69	Test ch./Freq. H 656000/3840 656000/3840 656000/3840 656000/3840 656000/3840 656000/3840 Hea 656000/3840 Body worn T 656000/3840 Body worn Tes 656000/3840 Body worn Tes 656000/3840 Hotspot Tes	Duty Cycle ead Test 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 d Test 1:1.25 d Test 1:1.25 est data (1:1.25 t data (1:1	st Reco SAR (W/kg) 1-g st data(11 0.621 0.352 0.319 0.324 data(509 0.601 0.310 0.256 data(1000 0.763 a(Separate 0.385 0.566 0.503 Separate 0.474	Power drift (dB) RB) -0.07 0.09 -0.16 -0.05 6RB) -0.03 -0.05 0.17 0.09 %RB) -0.13 te 15mm 5 -0.09 15mm 5 -0.03 -0.01 -0.01 10mm 1	Conducted Power(dBm) 18.52 18.52 18.52 18.52 18.47 18.47 18.47 18.47 18.47 18.48 18.47 25.39 25.39 25.39 25.37 25.37 22.55 1RB)	Tune up Limit(dBm) 19.30 19.30 19.30 19.30 19.30 19.30 19.30 19.30 25.80 25.80 25.80 25.80 23.30	1.197 1.197 1.197 1.197 1.211 1.211 1.211 1.213 1.099 1.099 1.104 1.104 1.189	Scaled SAR 1-g (W/kg) 0.743 0.421 0.382 0.388 1.114 0.728 0.375 0.310 0.926 0.329 0.329 0.392 0.425 0.625 0.598	Liquid Temp.(℃) 22.4 22.4 22.4 22.4 22.4 22.4 22.4 22
Left cheek PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right tilted PC2&3 Right tilted PC2&3 Left tilted PC2&3 Left tilted PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right cheek PC2&3 Right elled PC2&3 Front side PC2 Back side PC2 Back side PC2 Back side PC3 Front side PC3 Front side PC3 Front side PC3 Front side PC3	100 100 100 100 100 100 100 100 100 100	QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 135_69 QPSK 135_69 QPSK 270_0 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_1 QPSK 1_569 QPSK 135_69 QPSK 135_69	Test ch./Freq. H 656000/3840 656000/3840 656000/3840 656000/3840 656000/3840 656000/3840 Hea 656000/3840 Body worn T 656000/3840 Body worn Tes 656000/3840 Hotspot Tes 656000/3840 Hotspot Tes	Duty Cycle ead Test 1:1.25 1:1.25 1:1.25 1:1.25 1:1.25 d Test 1:1.25 d Test 1:1.25 d Test 1:1.25 est data (1:1.25 t data (1:1.	st Reco SAR (W/kg) 1-g st data(11 0.621 0.352 0.319 0.324 data(509 0.601 0.310 0.256 data(100 0.763 a(Separa 0.299 0.357 Separate 0.385 0.566 0.503 Separate 0.474 0.886	Power drift (dB) RB) -0.07 0.09 -0.16 -0.05 6RB) -0.03 -0.05 0.17 0.09 %RB) -0.13 te 15mm 5 -0.09 -0.12 15mm 5 -0.03 -0.01 -0.01 10mm 1	Conducted Power(dBm) 18.52 18.52 18.52 18.52 18.47 18.47 18.47 18.47 18.47 18.46 1RB) 25.39 25.39 50%RB) 25.37 25.37 22.55 1RB) 22.78	Tune up Limit(dBm) 19.30 19.30 19.30 19.30 19.30 19.30 19.30 19.30 25.80 25.80 25.80 25.80 23.30	1.197 1.197 1.197 1.197 1.211 1.211 1.211 1.213 1.099 1.099 1.104 1.104 1.189	Scaled SAR 1-g (W/kg) 0.743 0.421 0.382 0.388 1.114 0.728 0.375 0.310 0.926 0.329 0.329 0.392 0.425 0.625 0.598	Liquid Temp.(℃) 22.4 22.4 22.4 22.4 22.4 22.4 22.4 22



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indeminification 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 faistification 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) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-75) 8307 1443, or email: CM.Doccheck@esgs.com

South of No. 6 Pent, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 98 of 121

	Hotspot Test data (Separate 10mm 50%RB)												
Front side PC2&3 100 QPSK 135_69 656000/3840 1:1.25 0.523 0.02 22.55 23.30 1.189 0.622 22.4													
Back side PC2&3	100	QPSK 135_6	9 656000/3840	1:1.25	0.909	0.05	22.55	23.30	1.189	1.080	22.4		
Right side PC2&3	100	QPSK 135_6	9 656000/3840	1:1.25	0.428	-0.03	22.55	23.30	1.189	0.509	22.4		
Top side PC2&3	100	QPSK 135_6	9 656000/3840	1:1.25	0.397	0.19	22.55	23.30	1.189	0.472	22.4		
	Hotspot Test data (Separate 10mm 100%RB)												
Back side PC2&3 100 QPSK 270_0 656000/3840 1:1.25 0.909 0.03 21.58 22.30 1.180 1.073 22.4													

Table 34: SAR of 5G NR n77(3700~3980) for Head and Body.

Test Position	Channel/ Frequency	Measured SAR	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
	(MHz)	(1g)	SAR (1g)		SAR (1g)	SAR (1g)
Back side	656000/3840	1.060	1.010	1.04950495	N/A	N/A

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.

- 2) A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).
- 3) A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg

Test Position	Channel/ Frequency	Measured SAR	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated	
	(MHz)	(10g)	SAR (10g)		SAR (10g)	SAR (10g)	
Left side	656000/3840	2.130	2.080	1.024038462	N/A	N/A	

Note: 1) When the original highest measured SAR is ≥ 2.0 W/kg, the measurement was repeated once.

- A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 3.625 W/kg (~ 10% from the 10-g SAR limit).
- 3) A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 3.0 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.
- 4) Repeated measurements are not required when the original highest measured SAR is < 2.0 W/kg

9.2.11SAR Result of WIFI 2.4G

Wi-Fi 2.4G SAR Test Record															
							1								
		1			est Record	d chain0	T								
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1- g (W/kg)	Liquid Temp.(℃)				
	Head Test data														
Left cheek															
Left cheek	802.11b	1/2412	100.00%	1.000	0.590	-0.13	18.36	19.00	1.159	0.684	22.2				
Left cheek	802.11b	11/2462	100.00%	1.000	1.040	0.14	18.47	19.00	1.130	1.175	22.2				
Left cheek-repeated	802.11b	11/2462	100.00%	1.000	1.010	0.05	18.47	19.00	1.130	1.141	22.2				
Left tilted	802.11b	6/2437	100.00%	1.000	0.589	-0.08	18.52	19.00	1.117	0.658	22.2				
Right cheek	802.11b	6/2437	100.00%	1.000	0.470	0.05	18.52	19.00	1.117	0.525	22.2				
Right tilted	802.11b	6/2437	100.00%	1.000	0.331	0.11	18.52	19.00	1.117	0.370	22.2				
			H	Head Test	data For S	imultaneo	us								
Left cheek	802.11b	6/2437	100.00%	1.000	0.933	-0.11	18.52	15.00	0.445	0.415	22.2				
Left cheek	802.11b	1/2412	100.00%	1.000	0.590	-0.13	18.36	15.00	0.461	0.272	22.2				
Left cheek	802.11b	11/2462	100.00%	1.000	1.040	0.14	18.47	15.00	0.450	0.468	22.2				
Left tilted	802.11b	6/2437	100.00%	1.000	0.589	-0.08	18.52	15.00	0.445	0.262	22.2				
Right cheek	802.11b	6/2437	100.00%	1.000	0.470	0.05	18.52	15.00	0.445	0.209	22.2				
Right tilted	802.11b	6/2437	100.00%	1.000	0.331	0.11	18.52	15.00	0.445	0.147	22.2				
			Bo	dy worn Te	st data(Se	eparate 15	imm)								
Front side	802.11b	6/2437	100.00%	1.000	0.109	-0.02	20.56	21.00	1.107	0.121	22.2				
Back side	802.11b	6/2437	100.00%	1.000	0.262	0.12	20.56	21.00	1.107	0.290	22.2				



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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@ass.com

South of No. 6 Plant, No. 1, Runshang Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州上区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01 Page: 99 of 121

											1
	1	1		otspot Tes				1			ı
Front side	802.11b	6/2437	100.00%	1.000	0.093	0.06	17.45	18.00	1.135	0.106	22.2
Back side	802.11b	6/2437	100.00%	1.000	0.245	-0.05	17.45	18.00	1.135	0.278	22.2
Right side	802.11b	6/2437	100.00%	1.000	0.131	0.01	17.45	18.00	1.135	0.149	22.2
Top side	802.11b	6/2437	100.00%	1.000	0.078	-0.07	17.45	18.00	1.135	0.089	22.2
	1	1	1		est Recor	d chain1	1	1		I	1
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1- g	
				factor	ead Test d	` ′				(W/kg)	
Left cheek	802.11b	11/2462	100.00%	1.000	0.330	-0.07	20.69	21.00	1.074	0.354	22.2
Left tilted	802.11b	11/2462	100.00%	1.000	0.330	0.12	20.69	21.00	1.074	0.334	22.2
Right cheek	802.11b		100.00%	1.000	0.213	-0.10	20.69	21.00	1.074	0.231	22.2
Right tilted	802.11b	11/2462	100.00%	1.000	0.102	0.06	20.69	21.00	1.074	0.119	22.2
Night tilted	002.110	11/2402		dy worn Te				21.00	1.074	0.119	22.2
Front side	802.11b	11/2462	100.00%	1.000	0.041	0.08	20.69	21.00	1.074	0.044	22.2
Back side	802.11b	11/2462		1.000	0.134	-0.08	20.69	21.00	1.074	0.144	22.2
Daok Side	002.110	11/2402		otspot Tes				21.00	1.074	0.144	22.2
Front side	802.11b	11/2462	100.00%	1.000	0.079	0.09	20.69	21.00	1.074	0.085	22.2
Back side	802.11b	11/2462	100.00%	1.000	0.264	-0.01	20.69	21.00	1.074	0.284	22.2
Right side	802.11b		100.00%	1.000	0.174	0.15	20.69	21.00	1.074	0.187	22.2
ragin side	002.116	11/2402	100.0070		O Test Re	L	20.00	21.00	1.07 4	0.107	LL.L
				Duty						Scaled	
T4 141	T	Test	Duty	Cycle	SAR	Power	Conducted	Tune up	Scaled	SAR 1-	
Test position	Test mode	ch./Freq.		Scaled	(W/kg) 1-g	drift (dB)	Power(dBm)		factor		Temp.(℃)
				factor	_	` ′				(W/kg)	
	1	1	1		ead Test d		,	1			1
Left cheek	802.11n HT20		100.00%	1.000	0.847	-0.16	20.42	21.00	1.143	0.968	22.2
Left cheek	802.11n HT20		100.00%	1.000	0.608	0.05	20.37	21.00	1.157	0.704	22.2
Left cheek	802.11n HT20		100.00%	1.000	1.010	0.01	20.39	21.00	1.152	1.164	22.2
Left tilted	802.11n HT20		100.00%	1.000	0.517	0.02	20.42	21.00	1.143	0.591	22.2
Right cheek	802.11n HT20	1	100.00%	1.000	0.420	0.07	20.42	21.00	1.143	0.480	22.2
Right tilted	802.11n HT20	6/2437	100.00%	1.000	0.386	0.06	20.42	21.00	1.143	0.441	22.2
	000 11 1170	0/0407		Head Test				47.00	0.444	0.070	00.0
Left cheek	802.11n HT20		100.00%	1.000	0.847	-0.16	20.56	17.00	0.441	0.373	22.2
Left cheek	802.11n HT20		100.00%	1.000	0.608	0.05	20.47	17.00	0.450	0.273	22.2
Left cheek	802.11n HT20	1	100.00%	1.000	1.010	0.01	20.41	17.00	0.456	0.461	22.2
Left tilted	802.11n HT20		100.00%	1.000	0.517	0.02	20.56	17.00	0.441	0.228	22.2
Right cheek	802.11n HT20		100.00%	1.000	0.420	0.07	20.56	17.00	0.441	0.185	22.2
Right tilted	802.11n HT20	6/2437	100.00%	1.000	0.386	0.06	20.56	17.00	0.441	0.170	22.2
Frank side	000 44= LITO	0/0407	100.00%	dy worn Te				22.00	4.450	0.045	20.0
Front side	802.11n HT20		100.00%		0.212 0.625	0.05	21.37	22.00	1.156	0.245	22.2
Back side	802.11n HT20			1.000		-0.16	21.37 Simultaneous	22.00	1.156	0.723	22.2
Front side	802.11n HT20		100.00%		0.212	0.05	21.37	17.50	0.410	0.087	22.2
Back side	802.11n HT20	6/2437	100.00%	1.000 otspot Test	0.625	-0.16	21.37	17.50	0.410	0.256	22.2
Front side	802.11n HT20	6/2/37	100.00%	1.000	0.078	-0.16	14.42	15.00	1.144	0.089	22.2
Back side	802.11n HT20		100.00%	1.000	0.078	0.09	14.42	15.00	1.144	0.069	22.2
Back side	802.11n HT20		100.00%	1.000	0.218	0.09	14.42	15.00	1.144	0.249	22.2
Back side	802.11n HT20		100.00%	1.000	0.207	0.04	14.42	15.00	1.144	0.237	22.2
Right side	802.11n HT20		100.00%	1.000	0.200	0.08	14.42	15.00	1.144	0.229	22.2
Top side	802.11n HT20		100.00%	1.000	0.104	0.07	14.42	15.00	1.144	0.166	22.2
i op side	UU2. I III I I I Z	0,2401	1 100.00 /0	1.000	0.000	0.02	17.74	10.00	1.177	0.000	44.4



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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: Ch.Doccheck@gs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 100 of 121

Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)		Scaled factor	Scaled SAR 10-g (W/kg)	Liquid Temp.(℃)
			Product s	pecific 10g	SAR Test	data (Sep	arate 0mm)				
Back side	802.11n HT20	6/2437	100.00%	1.000	1.880	-0.18	21.37	22.00	1.156	2.173	22.2
Back side	802.11n HT20	1/2412	100.00%	1.000	1.630	-0.10	21.30	22.00	1.176	1.917	22.2
Back side	802.11n HT20	11/2462	100.00%	1.000	1.470	0.06	21.34	22.00	1.165	1.713	22.2
		Product s	specific 10	gSAR Test	data (Se	oarate 0mi	m) For Simulta	aneous			
Back side	802.11n HT20	6/2437	100.00%	1.000	1.880	-0.18	21.37	17.50	0.410	0.771	22.2
Back side	802.11n HT20	1/2412	100.00%	1.000	1.630	-0.10	21.30	17.50	0.417	0.680	22.2
Back side	802.11n HT20	11/2462	100.00%	1.000	1.470	0.06	21.34	17.50	0.413	0.608	22.2

Table 35: SAR of WIFI 2.4G for Head and Body.

Test Position	Channel/ Frequency	Measured SAR	1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
	(MHz)	(1g)	SAR (1g)		SAR (1g)	SAR (1g)
Left cheek	11/2462	1.040	1.010	1.02970297	N/A	N/A

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.

2) A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).

3) A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg

Note: When the highest reported SAR for the initial test configuration is adjusted by the ratio of the subsequent test configuration to initial test configuration specified maximum output power and the adjusted SAR is \leq 1.2 W/kg, SAR test for the other 802.11 modes are not required.



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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) 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: CND.occheck@gs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pikot Fee Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 101 of 121

9.2.1 SAR Result of WIFI 5G

9.2.1 SAR	Result of V			Wi-Fi 5G	SAR Te	st Reco	rd				
				Ant	7 Test R	ecord					
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃)
1 6 1 1	000.44	0.4/5000	400.000/		st data d			40.00	4 4 4 4 0	0.000	00.0
Left cheek	802.11a	64/5320	100.00%	1.000	0.887	-0.09	17.51	18.00	1.119	0.993	22.3
Left cheek	802.11a	56/5280	100.00%	1.000	0.765	0.04	17.44	18.00	1.138	0.870	22.3
Left tilted	802.11a	64/5320	100.00%	1.000	0.942 0.937	0.07 -0.06	17.51 17.51	18.00	1.119	1.055 1.049	22.3 22.3
Left tilted-repeated	802.11a	64/5320	100.00%	1.000	0.937	0.01		18.00 18.00	1.119	1.049	
Left tilted	802.11a 802.11a	56/5280	100.00%	1.000		-0.13	17.44		1.138		22.3 22.3
Right cheek		64/5320			0.589		17.51	18.00	1.119	0.659	
Right tilted	802.11a	64/5320	100.00%	1.000	0.632	0.10	17.51	18.00	1.119	0.707	22.3
Left cheek	902.116	64/5320	100.00%	st data of	0.887	-0.09	nultaneous 17.51	12.00	0.201	0.240	22.3
Left cheek	802.11a	56/5280	100.00%	1.000	0.765	0.04	17.51	12.00 12.00	0.281 0.286	0.249 0.219	22.3
	802.11a		100.00%	1.000	0.765	0.04	17.44	12.00			
Left tilted	802.11a	64/5320 56/5280	100.00%						0.281	0.265	22.3
Left tilted	802.11a			1.000	0.881	0.01	17.44	12.00	0.286	0.252	22.3
Right cheek	802.11a	64/5320 64/5320	100.00%	1.000	0.589 0.632	-0.13 0.10	17.51 17.51	12.00 12.00	0.281	0.166 0.178	22.3 22.3
Right tilted	802.11a	04/5320	100.00%		est data o			12.00	0.281	0.176	22.3
Left cheek	802.11ac 80M	106/5530	100.00%	1.000	1.010	0.18	14.83	15.50	1.167	1.178	22.2
Left cheek	802.11ac 80M	122/5610	100.00%	1.000	0.840	-0.17	14.72	15.50	1.197	1.005	22.2
Left tilted	802.11ac 80M	106/5530	100.00%	1.000	0.986	0.05	14.72	15.50	1.167	1.150	22.2
		122/5610	100.00%	1.000	0.832	0.03	14.63	15.50	1.197	0.996	22.2
	802.11ac 80M	106/5530	100.00%	1.000	0.829	0.03	14.72	15.50	1.167	0.967	22.2
	802.11ac 80M	122/5610	100.00%	1.000	0.750	0.06	14.72	15.50	1.197	0.898	22.2
Right tilted	802.11ac 80M	106/5530	100.00%	1.000	0.806	0.14	14.83	15.50	1.167	0.940	22.2
Right tilted	802.11ac 80M	122/5610	100.00%	1.000	0.755	0.03	14.72	15.50	1.197	0.904	22.2
ragin anou	OOZ. I TAC OOM	122/3010		st data of			nultaneous	10.00	1.107	0.504	22.2
Left cheek	802.11ac 80M	106/5530	100.00%	1.000	1.010	0.18	14.83	9.00	0.261	0.264	22.2
Left cheek	802.11ac 80M	122/5610	100.00%	1.000	0.840	-0.17	14.72	9.00	0.268	0.225	22.2
Left tilted	802.11ac 80M	106/5530	100.00%	1.000	0.986	0.05	14.83	9.00	0.261	0.258	22.2
Left tilted	802.11ac 80M	122/5610	100.00%	1.000	0.832	0.06	14.72	9.00	0.268	0.223	22.2
	802.11ac 80M	106/5530	100.00%	1.000	0.829	0.03	14.83	9.00	0.261	0.217	22.2
	802.11ac 80M	122/5610	100.00%	1.000	0.750	0.06	14.72	9.00	0.268	0.201	22.2
Right tilted	802.11ac 80M	106/5530	100.00%	1.000	0.806	0.14	14.83	9.00	0.261	0.211	22.2
Right tilted	802.11ac 80M	122/5610	100.00%	1.000	0.755	0.03	14.72	9.00	0.268	0.202	22.2
. ug.n. unto u	00211140 00111	,	100.0070		est data			0.00	0.200	0.202	
Left cheek	802.11ac 80M	155/5775	100.00%	1.000	0.811	0.08	14.04	14.50	1.112	0.902	22.4
	802.11ac 80M			1.000	0.792	0.11	14.04	14.50	1.112	0.880	22.4
	802.11ac 80M		100.00%	1.000	0.746	0.07	14.04	14.50	1.112	0.829	22.4
Right tilted	802.11ac 80M		100.00%	1.000	0.695	0.12	14.04	14.50	1.112	0.773	22.4
							ultaneous			1	
Left cheek	802.11ac 80M	155/5775		1.000	0.811	0.08	14.04	9.00	0.313	0.254	22.4
	802.11ac 80M		100.00%	1.000	0.792	0.11	14.04	9.00	0.313	0.248	22.4
	802.11ac 80M			1.000	0.746	0.07	14.04	9.00	0.313	0.234	22.4
Right tilted	802.11ac 80M			1.000	0.695	0.12	14.04	9.00	0.313	0.218	22.4
, and the second							arate 15mm)				
Front side	802.11a		100.00%	1.000	0.138	0.05	17.51	18.00	1.119	0.154	22.3
Back side	802.11a	64/5320	100.00%		0.555	-0.04	17.51	18.00	1.119	0.621	22.3
		Body wor	n Test data	a of U-NII	-2A(Sepa	arate 15n	nm) For Simul	taneous			



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indeminification 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 faistification 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) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-75) 8307 1443, or email: CM.Doccheck@esgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pllot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜裔1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 102 of 121

Right side Top side Front side Back side Front side Back side Right side Top side	802.11a Prod 802.11a 802.11a 802.11a 802.11a 802.11a 802.11a 802.11a 802.11a	64/5320 64/5320 64/5320 64/5320 Product 100/5500 100/5500 100/5500	100.00% 100.00% 100.00% 100.00% t specific 1 100.00% 100.00% 100.00% 100.00% 10gSAR T	1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	0.341 0.913 0.105 0.533 Test data 0.461 1.070 0.264 0.795	-0.06 0.08 0.14 of U-NII- 0.17 -0.07 0.12 -0.06 2C(Separ 0.17 -0.07 0.12 -0.07	17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51	18.00 18.00 Simultaneous 17.00 17.00 17.00 17.00 18.00 18.00 18.00 18.00	0.889 0.889 0.889 0.889 1.119 1.119 1.119	0.118 0.597 0.303 0.812 0.093 0.474 0.516 1.198 0.296 0.890 0.410 0.951 0.235 0.707	22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3
Front side Back side Right side Top side Front side Back side Right side Top side Front side Back side Top side Front side Right side Back side Right side	802.11a Prod 802.11a 802.11a 802.11a 802.11a 802.11a 802.11a 802.11a 802.11a Prod 802.11a 802.11a 802.11a 802.11a	64/5320 uct specific 64/5320 64/5320 64/5320 Product 100/5500 100/5500 100/5500 uct specific 100/5500 100/5500 100/5500 100/5500	100.00% 10gSAR 1 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	0.105 0.533 of U-NII-2 0.341 0.913 0.105 0.533 Test data 0.461 1.070 0.264 0.795 of U-NII-2 0.461 1.070 0.264 0.795	0.08 0.14 2A(Separ -0.06 0.06 0.08 0.14 of U-NII- -0.07 0.12 -0.06 2C(Separ 0.17 -0.07 0.12 -0.07	17.51 17.51 ate 0mm) For 17.51 17.51 17.51 17.51 -2C(Separate 0 17.51 17.51 17.51 ate 0mm) For 17.51 17.51 17.51	18.00 18.00 Simultaneous 17.00 17.00 17.00 17.00 Omm) 18.00 18.00 18.00 Simultaneous 17.00 17.00 17.00	1.119 1.119 s 0.889 0.889 0.889 0.889 1.119 1.119 1.119 s 0.889 0.889 0.889	0.118 0.597 0.303 0.812 0.093 0.474 0.516 1.198 0.296 0.890 0.410 0.951 0.235	22.3 22.3 22.3 22.3 22.3 22.3 22.2 22.2
Front side Back side Right side Top side Front side Back side Right side Top side Front side Back side Top side Front side Right side Back side Right side	802.11a Prod 802.11a 802.11a 802.11a 802.11a 802.11a 802.11a 802.11a 802.11a Prod 802.11a 802.11a 802.11a 802.11a	64/5320 uct specific 64/5320 64/5320 64/5320 Product 100/5500 100/5500 100/5500 uct specific 100/5500 100/5500 100/5500 100/5500	100.00% 10gSAR 1 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	0.105 0.533 of U-NII-2 0.341 0.913 0.105 0.533 Test data 0.461 1.070 0.264 0.795 of U-NII-2 0.461 1.070 0.264	0.08 0.14 2A(Separ -0.06 0.06 0.08 0.14 of U-NII- -0.07 0.12 -0.06 2C(Separ 0.17 -0.07 0.12	17.51 17.51 ate 0mm) For 17.51 17.51 17.51 17.51 -2C(Separate 0 17.51 17.51 17.51 ate 0mm) For 17.51 17.51 17.51	18.00 18.00 Simultaneous 17.00 17.00 17.00 17.00 Omm) 18.00 18.00 18.00 Simultaneous 17.00 17.00 17.00	1.119 1.119 s 0.889 0.889 0.889 0.889 1.119 1.119 1.119 s 0.889 0.889 0.889	0.118 0.597 0.303 0.812 0.093 0.474 0.516 1.198 0.296 0.890 0.410 0.951 0.235	22.3 22.3 22.3 22.3 22.3 22.3 22.2 22.2
Front side Back side Right side Top side Front side Back side Right side Top side Front side Right side Top side Front side Back side	802.11a Prod 802.11a 802.11a 802.11a 802.11a 802.11a 802.11a 802.11a Prod 802.11a 802.11a	64/5320 uct specific 64/5320 64/5320 64/5320 Product 100/5500 100/5500 100/5500 uct specific 100/5500 100/5500	100.00% 10gSAR 1 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	0.105 0.533 of U-NII-2 0.341 0.913 0.105 0.533 Test data 0.461 1.070 0.264 0.795 of U-NII-2 0.461 1.070	0.08 0.14 2A(Separ -0.06 0.06 0.08 0.14 of U-NII- -0.07 0.12 -0.06 2C(Separ 0.17 -0.07	17.51 17.51 ate 0mm) For 17.51 17.51 17.51 17.51 -2C(Separate 0 17.51 17.51 17.51 17.51 ate 0mm) For	18.00 18.00 Simultaneous 17.00 17.00 17.00 17.00 0mm) 18.00 18.00 18.00 18.00 Simultaneous 17.00 17.00	1.119 1.119 s 0.889 0.889 0.889 1.119 1.119 1.119 s 0.889 0.889	0.118 0.597 0.303 0.812 0.093 0.474 0.516 1.198 0.296 0.890	22.3 22.3 22.3 22.3 22.3 22.3 22.2 22.2
Front side Back side Right side Top side Front side Back side Right side Top side Front side Front side Front side	802.11a Prod 802.11a 802.11a 802.11a 802.11a 802.11a 802.11a 802.11a 802.11a Prod 802.11a	64/5320 uct specific 64/5320 64/5320 64/5320 Product 100/5500 100/5500 100/5500 uct specific 100/5500	100.00% 10gSAR T 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	1.000 1.000 1.000 1.000 1.000 1.000 1.000 0g SAR 1.000 1.000 1.000 1.000 1.000	0.105 0.533 of U-NII-2 0.341 0.913 0.105 0.533 Test data 0.461 1.070 0.264 0.795 of U-NII-2	0.08 0.14 2A(Separ -0.06 0.06 0.08 0.14 of U-NII- -0.07 0.12 -0.06 2C(Separ 0.17	17.51 17.51 ate 0mm) For 17.51 17.51 17.51 17.51 -2C(Separate 0 17.51 17.51 17.51 17.51 17.51 17.51 17.51 17.51	18.00 18.00 Simultaneous 17.00 17.00 17.00 17.00 0mm) 18.00 18.00 18.00 Simultaneous 17.00	1.119 1.119 s 0.889 0.889 0.889 0.889 1.119 1.119 1.119 s 0.889	0.118 0.597 0.303 0.812 0.093 0.474 0.516 1.198 0.296 0.890	22.3 22.3 22.3 22.3 22.3 22.3 22.2 22.2
Front side Back side Right side Top side Front side Back side Back side Right side Top side	802.11a Prod 802.11a 802.11a 802.11a 802.11a 802.11a 802.11a 802.11a 802.11a Prod	64/5320 uct specific 64/5320 64/5320 64/5320 Product 100/5500 100/5500 100/5500 uct specific	100.00% 10gSAR T 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	0.105 0.533 of U-NII-2 0.341 0.913 0.105 0.533 Test data 0.461 1.070 0.264 0.795 of U-NII-2	0.08 0.14 2A(Separ -0.06 0.06 0.08 0.14 of U-NII- -0.07 0.12 -0.06 2C(Separ	17.51 17.51 ate 0mm) For 17.51 17.51 17.51 17.51 -2C(Separate 0 17.51 17.51 17.51 17.51 17.51 17.51 rate 0mm) For	18.00 18.00 Simultaneous 17.00 17.00 17.00 17.00 0mm) 18.00 18.00 18.00 18.00 Simultaneous	1.119 1.119 s 0.889 0.889 0.889 0.889 1.119 1.119 1.119	0.118 0.597 0.303 0.812 0.093 0.474 0.516 1.198 0.296 0.890	22.3 22.3 22.3 22.3 22.3 22.3 22.2 22.2
Front side Back side Right side Top side Front side Back side Right side	802.11a Prod 802.11a 802.11a 802.11a 802.11a 802.11a 802.11a 802.11a 802.11a	64/5320 uct specific 64/5320 64/5320 64/5320 Product 100/5500 100/5500 100/5500	100.00% 10gSAR 1 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	1.000 1.000 est data 1.000 1.000 1.000 0g SAR 1.000 1.000 1.000 1.000	0.105 0.533 of U-NII-2 0.341 0.913 0.105 0.533 Test data 0.461 1.070 0.264 0.795	0.08 0.14 2A(Separ -0.06 0.06 0.08 0.14 of U-NII- 0.17 -0.07 0.12 -0.06	17.51 17.51 rate 0mm) For 17.51 17.51 17.51 -2C(Separate 0 17.51 17.51 17.51	18.00 18.00 Simultaneous 17.00 17.00 17.00 17.00 18.00 18.00 18.00 18.00	1.119 1.119 s 0.889 0.889 0.889 0.889 1.119 1.119 1.119	0.118 0.597 0.303 0.812 0.093 0.474 0.516 1.198 0.296	22.3 22.3 22.3 22.3 22.3 22.3 22.2 22.2
Front side Back side Right side Top side Front side Back side Right side	802.11a Prod 802.11a 802.11a 802.11a 802.11a 802.11a 802.11a 802.11a	64/5320 uct specific 64/5320 64/5320 64/5320 Product 100/5500 100/5500	100.00% 10gSAR 1 100.00% 100.00% 100.00% 100.00% t specific 1 100.00% 100.00%	1.000 1.000 est data 1.000 1.000 1.000 0g SAR 1.000 1.000 1.000	0.105 0.533 of U-NII-2 0.341 0.913 0.105 0.533 Test data 0.461 1.070 0.264	0.08 0.14 2A(Separ -0.06 0.06 0.08 0.14 of U-NII- 0.17 -0.07 0.12	17.51 17.51 rate 0mm) For 17.51 17.51 17.51 -2C(Separate 0 17.51 17.51	18.00 18.00 Simultaneous 17.00 17.00 17.00 17.00 0mm) 18.00 18.00 18.00	1.119 1.119 s 0.889 0.889 0.889 0.889 1.119 1.119	0.118 0.597 0.303 0.812 0.093 0.474 0.516 1.198 0.296	22.3 22.3 22.3 22.3 22.3 22.3 22.2 22.2
Front side Back side Right side Top side Front side Back side	802.11a Prod 802.11a 802.11a 802.11a 802.11a 802.11a	64/5320 uct specific 64/5320 64/5320 64/5320 Produc 100/5500 100/5500	100.00% 10gSAR 1 100.00% 100.00% 100.00% 100.00% t specific 1 100.00%	1.000 1.000 fest data 1.000 1.000 1.000 0g SAR 1.000 1.000	0.105 0.533 of U-NII-2 0.341 0.913 0.105 0.533 Test data 0.461 1.070	0.08 0.14 2A(Separ -0.06 0.06 0.08 0.14 of U-NII- 0.17 -0.07	17.51 17.51 rate 0mm) For 17.51 17.51 17.51 17.51 -2C(Separate 0 17.51	18.00 18.00 Simultaneous 17.00 17.00 17.00 17.00 0mm) 18.00 18.00	1.119 1.119 s 0.889 0.889 0.889 0.889 1.119	0.118 0.597 0.303 0.812 0.093 0.474 0.516 1.198	22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.2
Front side Back side Right side Top side Front side	802.11a Prod 802.11a 802.11a 802.11a 802.11a	64/5320 uct specific 64/5320 64/5320 64/5320 Produc 100/5500	100.00% 10gSAR 1 100.00% 100.00% 100.00% 100.00% 2t specific 1 100.00%	1.000 1.000 fest data 1.000 1.000 1.000 0g SAR	0.105 0.533 of U-NII- 0.341 0.913 0.105 0.533 Test data 0.461	0.08 0.14 2A(Separ -0.06 0.06 0.08 0.14 of U-NII- 0.17	17.51 17.51 rate 0mm) For 17.51 17.51 17.51 2C(Separate 0	18.00 18.00 Simultaneous 17.00 17.00 17.00 17.00 0mm) 18.00	1.119 1.119 s 0.889 0.889 0.889 0.889	0.118 0.597 0.303 0.812 0.093 0.474	22.3 22.3 22.3 22.3 22.3 22.3 22.3
Front side Back side Right side Top side	802.11a Prod 802.11a 802.11a 802.11a 802.11a	64/5320 uct specific 64/5320 64/5320 64/5320 Produc	100.00% 10gSAR 1 100.00% 100.00% 100.00% 100.00% et specific 1	1.000 1.000 est data 1.000 1.000 1.000 0g SAR	0.105 0.533 of U-NII-2 0.341 0.913 0.105 0.533 Test data	0.08 0.14 2A(Separ -0.06 0.06 0.08 0.14 of U-NII-	17.51 17.51 rate 0mm) For 17.51 17.51 17.51 17.51 -2C(Separate 0	18.00 18.00 Simultaneous 17.00 17.00 17.00 17.00 0mm)	1.119 1.119 s 0.889 0.889 0.889 0.889	0.118 0.597 0.303 0.812 0.093 0.474	22.3 22.3 22.3 22.3 22.3 22.3 22.3
Front side Back side Right side	802.11a Prod 802.11a 802.11a 802.11a	64/5320 uct specific 64/5320 64/5320 64/5320	100.00% 10gSAR 1 100.00% 100.00% 100.00%	1.000 1.000 fest data 1.000 1.000 1.000	0.105 0.533 of U-NII-2 0.341 0.913 0.105 0.533	0.08 0.14 2A(Separ -0.06 0.06 0.08 0.14	17.51 17.51 rate 0mm) For 17.51 17.51 17.51	18.00 18.00 Simultaneous 17.00 17.00 17.00	1.119 1.119 s 0.889 0.889 0.889	0.118 0.597 0.303 0.812 0.093	22.3 22.3 22.3 22.3 22.3 22.3
Front side Back side Right side	802.11a Prod 802.11a 802.11a 802.11a	64/5320 uct specific 64/5320 64/5320	100.00% 10gSAR 7 100.00% 100.00%	1.000 1.000 est data 1.000 1.000	0.105 0.533 of U-NII-2 0.341 0.913 0.105	0.08 0.14 2A(Separ -0.06 0.06 0.08	17.51 17.51 rate 0mm) For 17.51 17.51	18.00 18.00 Simultaneous 17.00 17.00	1.119 1.119 s 0.889 0.889 0.889	0.118 0.597 0.303 0.812 0.093	22.3 22.3 22.3 22.3 22.3 22.3
Top side Front side Back side	802.11a Prod 802.11a 802.11a	64/5320 uct specific 64/5320 64/5320	100.00% 10gSAR T 100.00% 100.00%	1.000 1.000 est data 1.000 1.000	0.105 0.533 of U-NII-2 0.341 0.913	0.08 0.14 2A(Separ -0.06 0.06	17.51 17.51 rate 0mm) For 17.51	18.00 18.00 Simultaneous 17.00	1.119 1.119 s 0.889 0.889	0.118 0.597 0.303 0.812	22.3 22.3 22.3 22.3
Top side Front side	802.11a Prod 802.11a	64/5320 uct specific 64/5320	100.00% 10gSAR 7 100.00%	1.000 1.000 est data	0.105 0.533 of U-NII-2 0.341	0.08 0.14 2A(Separ -0.06	17.51 17.51 rate 0mm) For 17.51	18.00 18.00 Simultaneou: 17.00	1.119 1.119 s 0.889	0.118 0.597 0.303	22.3 22.3 22.3
Top side	802.11a Prod	64/5320 uct specific	100.00% 10gSAR T	1.000 1.000 est data	0.105 0.533 of U-NII-2	0.08 0.14 2A(Separ	17.51 17.51 rate 0mm) For	18.00 18.00 Simultaneous	1.119 1.119 s	0.118 0.597	22.3 22.3
	802.11a	64/5320	100.00%	1.000	0.105 0.533	0.08 0.14	17.51 17.51	18.00 18.00	1.119 1.119	0.118	22.3
				1.000	0.105	0.08	17.51	18.00	1.119	0.118	22.3
I Right sids	802.11a		100 000								
Back side	802.11a	64/5320	100.00%	1.000		0 00				4 000	
Front side	802.11a	64/5320	100.00%	1.000	0.341	-0.06	17.51	18.00 18.00	1.119	0.382	22.3
Frank - 1.1	000.44-		· ·				2A(Separate 0		4.440	0.000	20.0
		D	-4 - n !£!	factor	_	` ,	24/0-7-1)\		(W/kg)	
Test position	Test mode	Test ch./Freq.	Duty Cycle	Cycle Scaled	(W/kg) 10-g	drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	SAR 10-	Temp.(℃)
		Tast	Durtu	Duty	SAR	Power	Conducted	Tuna	Coalad	Scaled	Liquid
Top side	802.11ac 80M	151/5755	100.00%	1.000	0.188	-0.16	14.54	15.00	1.112	0.209	22.4
Right side	802.11ac 80M		100.00%	1.000	0.066	0.10	14.54	15.00	1.112	0.073	22.4
Back side	802.11ac 80M	151/5755	100.00%	1.000	0.259	0.06	14.54	15.00	1.112	0.288	22.4
Front side		151/5755	100.00%	1.000	0.082	0.13	14.54	15.00	1.112	0.091	22.4
				Test data	of U-NII	-3(Separa	ate 10mm)				
Top side	802.11a	36/5180	100.00%	1.000	0.137	0.06	16.10	17.00	1.230	0.169	22.3
Right side	802.11a	36/5180	100.00%	1.000	0.050	-0.08	16.10	17.00	1.230	0.062	22.3
Back side	802.11a	36/5180	100.00%	1.000	0.228	0.08	16.10	17.00	1.230	0.281	22.3
Front side	802.11a	36/5180	100.00%	1.000	0.052	-0.07	16.10	17.00	1.230	0.064	22.3
				Test data		-1(Separa	ate 10mm)				
Back side	802.11a	149/5745	100.00%	1.000	0.849	0.07	17.67	13.00	0.341	0.290	22.4
Front side	802.11a	149/5745	100.00%	1.000	0.321	0.08	17.67	13.00	0.341	0.110	22.4
		Body wo	rn Test dat	a of U-NI	I-3(Sepa	rate 15m	m) For Simulta	aneous			
Back side	802.11a	149/5745	100.00%	1.000	0.849	0.07	17.67	18.00	1.079	0.916	22.4
Front side	802.11a	149/5745		1.000	0.321	0.08	17.67	18.00	1.079	0.346	22.4
	•			n Test da		II-3(Sepa	arate 15mm)			·	
Back side	802.11a	104/5520	100.00%	1.000	0.894	0.02	17.44	12.00	0.286	0.255	22.2
Back side	802.11a	100/5500	100.00%	1.000	0.924	-0.03	17.51	12.00	0.281	0.260	22.2
Front side	802.11a		100.00%	1.000	0.250	0.18	17.51	12.00	0.281	0.070	22.2
			n Test data	of U-NII		arate 15m		taneous		I	
Back side	802.11a			1.000	0.894	0.02	17.44	18.00	1.138	1.017	22.2
Back side	802.11a	100/5500	100.00%	1.000	0.924	-0.03	17.51	18.00	1.119	1.034	22.2
Front side	802.11a	100/5500		1.000	0.250	0.18	17.51	18.00	1.119	0.280	22.2
i e							arate 15mm)				
223.1 0.40	802.11a 802.11a	64/5320	100.00%	1.000	0.555	-0.04	17.51	14.00	0.446	0.002	22.3
Front side Back side		64/5320	100.00%	1.000	0.138	0.05	17.51	14.00	0.446	0.062	22.3



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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 relects 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 one one exore exercises and the exercise of the company, and the exercise of the company and the exercise of the company and the exercise of the company and the exercise 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: CM.Doccheck@ass.com

South of No. 6 Pent, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 t (86–512) 62992980

sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 103 of 121

				Head Te	est data o	f U-NII-2	'Α				
Left cheek	802.11a	64/5320	100.00%	1.000	0.625	0.01	17.55	18.00	1.109	0.693	22.3
Left tilted	802.11a	64/5320	100.00%	1.000	0.263	0.12	17.55	18.00	1.109	0.292	22.3
Right cheek	802.11a	64/5320	100.00%	1.000	0.209	0.12	17.55	18.00	1.109	0.232	22.3
Right tilted	802.11a	64/5320	100.00%	1.000	0.143	-0.08	17.55	18.00	1.109	0.159	22.3
ragin anca	002.11a	04/3320		est data of			multaneous	10.00	1.100	0.100	22.0
Left cheek	802.11a	64/5320	100.00%	1.000	0.625	0.01	17.55	15.00	0.556	0.347	22.3
Left tilted	802.11a	64/5320	100.00%	1.000	0.263	0.12	17.55	15.00	0.556	0.146	22.3
Right cheek	802.11a	64/5320	100.00%	1.000	0.209	0.14	17.55	15.00	0.556	0.116	22.3
Right tilted	802.11a	64/5320	100.00%	1.000	0.143	-0.08	17.55	15.00	0.556	0.079	22.3
ragin anou	002.114	0 170020	100.0070		est data o			10.00	0.000	0.010	22.0
Left cheek	802.11a	104/5520	100.00%	1.000	0.693	0.05	17.71	18.00	1.069	0.741	22.2
Left tilted	802.11a	104/5520	100.00%	1.000	0.221	0.09	17.71	18.00	1.069	0.236	22.2
Right cheek	802.11a	104/5520	100.00%	1.000	0.162	0.18	17.71	18.00	1.069	0.173	22.2
Right tilted	802.11a	104/5520	100.00%	1.000	0.148	0.12	17.71	18.00	1.069	0.158	22.2
ragin anou	002.114	10 1/0020		st data of			multaneous	10.00	1.000	0.100	
Left cheek	802.11a	104/5520	100.00%	1.000	0.693	0.05	17.71	15.00	0.536	0.371	22.2
Left tilted	802.11a	104/5520	100.00%	1.000	0.221	0.09	17.71	15.00	0.536	0.118	22.2
Right cheek	802.11a	104/5520	100.00%	1.000	0.162	0.18	17.71	15.00	0.536	0.087	22.2
Right tilted	802.11a	104/5520	100.00%	1.000	0.148	0.12	17.71	15.00	0.536	0.079	22.2
. ag. a area	002		10010070		est data			.0.00	0.000	0.0.0	
Left cheek	802.11a	157/5785	100.00%	1.000	0.518	0.07	17.71	18.00	1.069	0.554	22.4
Left tilted	802.11a	157/5785	100.00%	1.000	0.248	-0.14	17.71	18.00	1.069	0.265	22.4
Right cheek	802.11a	157/5785	100.00%	1.000	0.129	0.06	17.71	18.00	1.069	0.138	22.4
Right tilted	802.11a	157/5785	100.00%	1.000	0.151	0.10	17.71	18.00	1.069	0.161	22.4
. ag. a ancoa	002	10170100		est data c			nultaneous			0	
Left cheek	802.11a	157/5785	100.00%	1.000	0.518	0.07	17.71	16.00	0.675	0.349	22.4
Left tilted	802.11a	157/5785	100.00%	1.000	0.248	-0.14	17.71	16.00	0.675	0.167	22.4
Right cheek	802.11a	157/5785	100.00%	1.000	0.129	0.06	17.71	16.00	0.675	0.087	22.4
Right tilted	802.11a	157/5785		1.000	0.151	0.10	17.71	16.00	0.675	0.102	22.4
g							parate 15mm)				
Front side	802.11a	64/5320	100.00%	1.000	0.077	0.02	17.55	18.00	1.109	0.085	22.3
Back side	802.11a	64/5320	100.00%	1.000	0.239	0.18	17.55	18.00	1.109	0.265	22.3
							parate 15mm)				
Front side	802.11a	100/5500		1.000	0.116	0.10	17.71	18.00	1.069	0.124	22.2
Back side	802.11a	100/5500	100.00%	1.000	0.401	-0.03	17.71	18.00	1.069	0.429	22.2
Buok oldo	002.114						nm) For Simul		1.000	0.120	
Front side	802.11a	100/5500		1.000	0.116	0.10	17.71	16.00	0.675	0.078	22.2
Back side	802.11a	100/5500	100.00%	1.000	0.401	-0.03	17.71	16.00	0.675	0.270	22.2
							arate 15mm)				
Front side	802.11a	157/5785					17.71	18.00	1.069	0.113	22.4
Back side	802.11a	157/5785			0.198	0.03	17.71	18.00	1.069	0.212	22.4
							ate 10mm)				
Front side	802.11a	48/5240	100.00%	1.000	0.055	0.13	17.59	18.00	1.099	0.060	22.3
Back side	802.11a	48/5240	100.00%	1.000	0.250	-0.07	17.59	18.00	1.099	0.275	22.3
Right side	802.11a	48/5240	100.00%	1.000	0.178	0.09	17.59	18.00	1.099	0.196	22.3
<u> </u>		•		Test data			rate 10mm)				
Front side	802.11a	149/5745	100.00%	1.000	0.055	0.09	16.66 [°]	17.00	1.081	0.059	22.4
Back side	802.11a	149/5745	100.00%	1.000	0.232	-0.02	16.66	17.00	1.081	0.251	22.4
Right side	802.11a	149/5745	100.00%	1.000	0.221	-0.08	16.66	17.00	1.081	0.239	22.4
<u> </u>				Duty						Scaled	
Test position	Test mode	Test	Duty	Cycle	SAR (W/kg)	Power drift	Conducted	Tune up		SAR 10-	Liquid
rest position	1 est mode	ch./Freq.	Cycle	Scaled	10-g	(dB)	Power(dBm)	Limit(dBm)	factor	g	Temp.(℃)
			-	factor			24/0	\\		(W/kg)	
		Produ	ct specific	TUGSAR	i est data	OT U-NII	-2A(Separate 0	irnm)			



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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 relects 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 one one 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) 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: CAD.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 www.sgsgroup.com.



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 104 of 121

Front side	802.11a	64/5320	100.00%	1.000	0.115	0.05	17.55	18.00	1.109	0.128	22.3
Back side	802.11a	64/5320	100.00%	1.000	0.477	-0.19	17.55	18.00	1.109	0.529	22.3
Right side	802.11a	64/5320	100.00%	1.000	0.403	-0.09	17.55	18.00	1.109	0.447	22.3
		Produc	ct specific '	10gSAR 1	Γest data	of U-NII-	2C(Separate 0)mm)			
Front side	802.11a	100/5500	100.00%	1.000	0.249	-0.11	17.71	18.00	1.069	0.266	22.2
Back side	802.11a	100/5500	100.00%	1.000	0.804	-0.09	17.71	18.00	1.069	0.860	22.2
Right side	802.11a	100/5500	100.00%	1.000	0.840	0.03	17.71	18.00	1.069	0.898	22.2
				MIM	O Test R	ecord					
				Duty	SAR	Power				Scaled	
Test position	Test mode	Test	Duty	Cycle	(W/kg)	drift	Conducted	Tune up	Scaled	SAR 1-g	Liquid
		ch./Freq.	Cycle	Scaled factor	1-g	(dB)	Power(dBm)	Limit(dBm)	factor	(W/kg)	Temp.(℃)
					at data a	f I I NIII O	^			, ,	
L oft abook	002 115 UT20	64/5220	100.00%	1.000	est data o			20.00	1 047	0.702	22.3
Left cheek	802.11n HT20	64/5320			0.757	-0.06	19.80 19.80		1.047	0.793	
Left tilted	802.11n HT20	64/5320	100.00%	1.000	0.712	-0.05		20.00	1.047	0.746	22.3
Right cheek	802.11n HT20	64/5320	100.00%	1.000	0.392	0.07	19.80	20.00	1.047	0.411	22.3
Right tilted	802.11n HT20	64/5320	100.00%	1.000	0.480	0.03	19.80	20.00	1.047	0.503	22.3
l oft about	000 44= LITO	04/5000	Head Te				multaneous	40.50	0.400	0.054	20.0
Left cheek	802.11n HT20	64/5320	100.00%	1.000	0.757	-0.06	19.80	16.50	0.468	0.354	22.3
Left tilted	802.11n HT20	64/5320	100.00%	1.000	0.712	-0.05	19.80	16.50	0.468	0.333	22.3
Right cheek	802.11n HT20	64/5320	100.00%	1.000	0.392	0.07	19.80	16.50	0.468	0.183	22.3
Right tilted	802.11n HT20	64/5320	100.00%	1.000	0.480	0.03	19.80	16.50	0.468	0.225	22.3
		100/5010	100 000/		st data o			4= 00	4 400		
Left cheek	802.11ac 80M	122/5610	100.00%	1.000	0.954	0.11	16.44	17.00	1.139	1.086	22.2
Left cheek	802.11ac 80M	106/5530	100.00%	1.000	0.822	0.02	16.35	17.00	1.163	0.956	22.2
Left tilted		122/5610	100.00%	1.000	1.020	0.03	16.44	17.00	1.139	1.162	22.2
Left tilted	802.11ac 80M	106/5530	100.00%	1.000	1.010	0.08	16.35	17.00	1.163	1.174	22.2
Right cheek	802.11ac 80M	122/5610	100.00%	1.000	0.661	0.04	16.44	17.00	1.139	0.753	22.2
Right cheek	802.11ac 80M	106/5530	100.00%	1.000	0.586	0.09	16.35	17.00	1.163	0.681	22.2
Right tilted	802.11ac 80M	122/5610	100.00%	1.000	0.771	-0.04	16.44	17.00	1.139	0.878	22.2
Right tilted	802.11ac 80M	106/5530	100.00%	1.000	0.733	0.02	16.35	17.00	1.163	0.852	22.2
	1		Head Te				nultaneous	ı	1	1	
Left cheek		122/5610	100.00%	1.000	0.954	0.11	16.44	12.00	0.360	0.344	22.2
Left cheek	802.11ac 80M	106/5530	100.00%	1.000	0.822	0.02	16.35	12.00	0.368	0.302	22.2
Left tilted	802.11ac 80M	122/5610	100.00%	1.000	1.020	0.03	16.44	12.00	0.360	0.367	22.2
Left tilted	802.11ac 80M	106/5530	100.00%	1.000	1.010	0.08	16.35	12.00	0.368	0.371	22.2
Right cheek	802.11ac 80M	122/5610	100.00%	1.000	0.661	0.04	16.44	12.00	0.360	0.238	22.2
Right cheek	802.11ac 80M	106/5530	100.00%	1.000	0.586	0.09	16.35	12.00	0.368	0.215	22.2
Right tilted	802.11ac 80M	122/5610	100.00%	1.000	0.771	-0.04	16.44	12.00	0.360	0.278	22.2
Right tilted	802.11ac 80M	106/5530	100.00%	1.000	0.733	0.02	16.35	12.00	0.368	0.270	22.2
					est data					_	
Left cheek	802.11ac 80M			1.000	0.944	0.03	18.11	18.50	1.095	1.034	22.4
Left tilted	802.11ac 80M		100.00%	1.000	1.090	0.01	18.11	18.50	1.095	1.194	22.4
Left tilted-repeated		155/5775	100.00%	1.000	1.060	0.05	18.11	18.50	1.095	1.161	22.4
Right cheek	802.11ac 80M		100.00%	1.000	0.730	0.07	18.11	18.50	1.095	0.799	22.4
Right tilted	802.11ac 80M	155/5775	100.00%	1.000	0.887	0.02	18.11	18.50	1.095	0.971	22.4
				est data c		For Sim	ultaneous				
Left cheek	802.11ac 80M	155/5775	100.00%	1.000	0.944	0.03	18.11	12.00	0.245	0.231	22.4
Left tilted	802.11ac 80M		100.00%	1.000	1.090	0.01	18.11	12.00	0.245	0.267	22.4
Right cheek	802.11ac 80M		100.00%	1.000	0.730	0.07	18.11	12.00	0.245	0.179	22.4
Right tilted	802.11ac 80M	155/5775	100.00%	1.000	0.887	0.02	18.11	12.00	0.245	0.217	22.4
			Body worn	Test data	of U-NII	-2A (Sep	arate 15mm)				
Front side	802.11n HT20		100.00%	1.000	0.154	0.03	19.80	20.00	1.047	0.161	22.3
Back side	802.11n HT20	64/5320	100.00%	1.000	0.632	0.14	19.80	20.00	1.047	0.662	22.3
		Body wor	n Test data	of U-NII	-2A (Sepa	arate 15n	nm) For Simul	taneous			



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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 relects 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 one one 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) 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: CAD.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Fee Trade Zone 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 105 of 121

Front side	802.11n HT20	64/5320	100.00%	1.000	0.154	0.03	19.80	15.00	0.331	0.051	22.3
Back side	802.11n HT20	64/5320	100.00%	1.000	0.632	0.14	19.80	15.00	0.331	0.209	22.3
			Body worn	Test dat	a of U-NI	I-2C(Sep	arate 15mm)				
Front side	802.11n HT20	100/5500	100.00%	1.000	0.225	0.08	19.68	20.00	1.077	0.242	22.2
Back side	802.11n HT20	100/5500	100.00%	1.000	0.985	-0.11	19.68	20.00	1.077	1.061	22.2
Back side	802.11n HT20	104/5520	100.00%	1.000	1.090	0.09	19.68	20.00	1.077	1.174	22.2
Back side- repeated	802.11n HT20	104/5520	100.00%	1.000	1.070	0.03	19.68	20.00	1.077	1.152	22.2
-		Body wor	n Test data	of U-NII	-2C(Sepa	arate 15n	nm) For Simul	taneous			
Front side	802.11n HT20	100/5500	100.00%	1.000	0.225	0.08	19.68	14.00	0.271	0.061	22.2
Back side	802.11n HT20	100/5500	100.00%	1.000	0.985	-0.11	19.68	14.00	0.271	0.266	22.2
Back side	802.11n HT20	104/5520	100.00%	1.000	1.090	0.09	19.68	14.00	0.271	0.295	22.2
	-1	I.	Body wor	n Test da	ta of U-N	II-3(Sepa	arate 15mm)			l l	
Front side	802.11n HT20	153/5765		1.000	0.293	0.02	19.74	20.00	1.062	0.311	22.4
Back side	802.11n HT20		100.00%	1.000	0.896	-0.15	19.74	20.00	1.062	0.951	22.4
Back side	802.11n HT20		100.00%	1.000	0.981	0.06	19.67	20.00	1.080	1.060	22.4
24011 0140	002		rn Test da								
Front side	802.11n HT20	153/5765	100.00%	1.000	0.293	0.02	19.74	14.00	0.267	0.078	22.4
Back side	802.11n HT20		100.00%	1.000	0.896	-0.15	19.74	14.00	0.267	0.239	22.4
Back side	802.11n HT20		100.00%	1.000	0.981	0.06	19.67	14.00	0.271	0.266	22.4
Dack Side	002.111111120	137/3/03					ate 10mm)	14.00	0.271	0.200	22.4
Front side	802.11ac 80M	42/5210	100.00%	1.000	0.022	0.08	12.88	14.00	1.294	0.028	22.3
	802.11ac 80M		100.00%	1.000		-0.03	12.88				22.3
Back side		42/5210			0.193			14.00	1.294	0.250	
Back side	802.11ac 80M	42/5210	100.00%	1.000	0.190	0.07	12.88	14.00	1.294	0.246	22.3
Right side	802.11ac 80M		100.00%	1.000	0.102	-0.11	12.88	14.00	1.294	0.132	22.3
Top side	802.11ac 80M	42/5210	100.00%	1.000	0.057	0.02	12.88	14.00	1.294	0.074	22.3
	T	I				_ `	rate 10mm)				
Front side	802.11ac 80M		100.00%	1.000	0.060	-0.16	9.78	11.00	1.326	0.080	22.4
Back side	802.11ac 80M		100.00%	1.000	0.225	0.02	9.78	11.00	1.326	0.298	22.4
Right side	802.11ac 80M	155/5775	100.00%	1.000	0.089	0.07	9.78	11.00	1.326	0.118	22.4
Top side	802.11ac 80M	155/5775	100.00%	1.000	0.180	0.01	9.78	11.00	1.326	0.239	22.4
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 10-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 10- g (W/kg)	Liquid Temp.(℃)
		Produ	ct specific	10gSAR	Test data	of U-NII-	-2A(Separate 0	mm)			
Front side	802.11n HT20	64/5320	100.00%	1.000	0.235	0.13	19.84	20.00	1.037	0.244	22.3
Back side	802.11n HT20	64/5320	100.00%	1.000	0.813	-0.14	19.84	20.00	1.037	0.843	22.3
Right side	802.11n HT20	64/5320	100.00%	1.000	1.030	0.04	19.84	20.00	1.037	1.068	22.3
Top side	802.11n HT20	64/5320	100.00%	1.000	0.559	-0.15	19.84	20.00	1.037	0.580	22.3
•	•	Produ	ct specific	10aSAR		of U-NII-	-2C(Separate 0	mm)		U U	
Front side	802.11n HT20							20.00	1.077	0.458	22.2
Back side		100/5500	100.00%	1.000	0.423	-0.03	19.00	20.00	1.011		
											22.2
Right side	802.11n HT20	100/5500	100.00%	1.000	0.803	-0.17	19.68	20.00	1.077	0.865	22.2 22.2
Right side Top side	802.11n HT20 802.11n HT20	100/5500 100/5500	100.00% 100.00%	1.000 1.000	0.803 1.460	-0.17 0.02	19.68 19.68	20.00 20.00	1.077 1.077	0.865 1.572	22.2
Right side Top side	802.11n HT20	100/5500 100/5500 100/5500	100.00% 100.00% 100.00%	1.000 1.000 1.000	0.803 1.460 0.609	-0.17 0.02 0.07	19.68 19.68 19.68	20.00 20.00 20.00	1.077	0.865	
Top side	802.11n HT20 802.11n HT20 802.11n HT20	100/5500 100/5500 100/5500 Produ	100.00% 100.00% 100.00% act specific	1.000 1.000 1.000 10gSAR	0.803 1.460 0.609 Test data	-0.17 0.02 0.07 of U-NII	19.68 19.68 19.68 -3 (Separate 0	20.00 20.00 20.00 mm)	1.077 1.077 1.077	0.865 1.572 0.656	22.2 22.2
Top side Back side	802.11n HT20 802.11n HT20 802.11n HT20 802.11n HT20	100/5500 100/5500 100/5500 Produ 153/5765	100.00% 100.00% 100.00% ct specific 100.00%	1.000 1.000 1.000 10gSAR 1.000	0.803 1.460 0.609 Test data 1.900	-0.17 0.02 0.07 of U-NII 0.11	19.68 19.68 19.68 -3 (Separate 0 19.74	20.00 20.00 20.00 mm) 20.00	1.077 1.077 1.077	0.865 1.572 0.656 2.017	22.2 22.2 22.4
Top side Back side Back side	802.11n HT20 802.11n HT20 802.11n HT20 802.11n HT20 802.11n HT20	100/5500 100/5500 100/5500 Produ 153/5765 157/5785	100.00% 100.00% 100.00% cct specific 100.00% 100.00%	1.000 1.000 1.000 10gSAR 1.000	0.803 1.460 0.609 Test data 1.900 1.800	-0.17 0.02 0.07 of U-NII 0.11 0.05	19.68 19.68 19.68 -3 (Separate 0 19.74 19.67	20.00 20.00 20.00 mm) 20.00 20.00	1.077 1.077 1.077 1.062 1.080	0.865 1.572 0.656 2.017 1.944	22.2 22.2 22.4 22.4
Top side Back side	802.11n HT20 802.11n HT20 802.11n HT20 802.11n HT20 802.11n HT20 802.11n HT20	100/5500 100/5500 100/5500 Produ 153/5765 157/5785 153/5765	100.00% 100.00% 100.00% ct specific 100.00% 100.00%	1.000 1.000 1.000 10gSAR 1.000 1.000	0.803 1.460 0.609 Test data 1.900 1.800 1.320	-0.17 0.02 0.07 of U-NII 0.11 0.05 0.03	19.68 19.68 19.68 -3 (Separate 0 19.74 19.67 19.74	20.00 20.00 20.00 mm) 20.00 20.00 20.00	1.077 1.077 1.077 1.062 1.080 1.062	0.865 1.572 0.656 2.017	22.2 22.2 22.4
Top side Back side Back side Top side	802.11n HT20 802.11n HT20 802.11n HT20 802.11n HT20 802.11n HT20 802.11n HT20 Proc	100/5500 100/5500 100/5500 Produ 153/5765 157/5785 153/5765 duct specific	100.00% 100.00% 100.00% oct specific 100.00% 100.00% c 10gSAR	1.000 1.000 1.000 10gSAR 1.000 1.000 1.000 Test data	0.803 1.460 0.609 Test data 1.900 1.800 1.320 of U-NII-	-0.17 0.02 0.07 of U-NII 0.11 0.05 0.03 3 (Separ	19.68 19.68 19.68 -3 (Separate 0 19.74 19.67 19.74 ate 0mm) For	20.00 20.00 20.00 mm) 20.00 20.00 20.00 Simultaneous	1.077 1.077 1.077 1.062 1.080 1.062	0.865 1.572 0.656 2.017 1.944 1.401	22.2 22.2 22.4 22.4 22.4
Top side Back side Back side Top side Back side	802.11n HT20 802.11n HT20 802.11n HT20 802.11n HT20 802.11n HT20 802.11n HT20 Proc 802.11n HT20	100/5500 100/5500 100/5500 Produ 153/5765 157/5785 153/5765 duct specific 153/5765	100.00% 100.00% 100.00% ct specific 100.00% 100.00% 100.00% 100.00%	1.000 1.000 1.000 10gSAR 1.000 1.000 1.000 Test data 1.000	0.803 1.460 0.609 Test data 1.900 1.800 1.320 of U-NII- 1.900	-0.17 0.02 0.07 of U-NII 0.11 0.05 0.03 3 (Separ 0.11	19.68 19.68 19.68 -3 (Separate 0 19.74 19.67 19.74 ate 0mm) For	20.00 20.00 20.00 mm) 20.00 20.00 20.00 Simultaneous	1.077 1.077 1.077 1.062 1.080 1.062	0.865 1.572 0.656 2.017 1.944 1.401	22.2 22.2 22.4 22.4 22.4 22.4
Top side Back side Back side Top side	802.11n HT20 802.11n HT20 802.11n HT20 802.11n HT20 802.11n HT20 802.11n HT20 Proc	100/5500 100/5500 100/5500 Produ 153/5765 157/5785 153/5765 duct specific 153/5765 157/5785	100.00% 100.00% 100.00% ct specific 100.00% 100.00% 100.00% 100.00%	1.000 1.000 1.000 10gSAR 1.000 1.000 1.000 Test data	0.803 1.460 0.609 Test data 1.900 1.800 1.320 of U-NII-	-0.17 0.02 0.07 of U-NII 0.11 0.05 0.03 3 (Separ	19.68 19.68 19.68 -3 (Separate 0 19.74 19.67 19.74 ate 0mm) For	20.00 20.00 20.00 mm) 20.00 20.00 20.00 Simultaneous	1.077 1.077 1.077 1.062 1.080 1.062	0.865 1.572 0.656 2.017 1.944 1.401	22.2 22.2 22.4 22.4 22.4

Table 36: SAR of WIFI 5G for Head and Body.



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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 relects 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 one one 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) 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: CAD.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

中国・苏州・中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 郎编: 215000



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 106 of 121

Test Position	Channel/ Frequency		1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
	(MHz)	(1g)	SAR (1g)		SAR (1g)	SAR (1g)
Left tilted	64/5320	0.942	0.937	1.005336179	N/A	N/A
Back side	104/5520	1.090	1.070	1.018691589	N/A	N/A
Left tilted	155/5775	1.090	1.060	1.028301887	N/A	N/A

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.

Note:

1) As the 802.11a highest reported SAR is smaller than 1.2 W/kg , and the tune-up of the other 802.11 modes are not higher than 802.11a,therefore the adjusted SAR is ≤ 1.2 W/kg for other 802.11 modes, SAR test for the other 802.11 modes are not required. For Product specific 10gSAR the highest reported SAR is smaller than 3.0 W/kg, SAR test for the other 802.11 modes are also not required.



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indemnification and jurisdiction issues define 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) 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, **Textile All Poscheck**

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Plat Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路(号的6号厂房南部 邮编: 215000

²⁾ A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).

³⁾ A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

⁴⁾ Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 107 of 121

9.2.2 SAR Result of WIFI 6E

					SAR Tes						
				Test Re	cord ANT	7 chain0					
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃
					ead Test da	ata					
Left cheek	802.11ax 80M	119/6545	100.00%	1.000	0.459	-0.04	14.77	15.00	1.054	0.484	22.3
Left tilted	802.11ax 80M	119/6545	100.00%	1.000	0.500	0.10	14.77	15.00	1.054	0.527	22.3
Right cheek	802.11ax 80M			1.000	0.413	0.04	14.77	15.00	1.054	0.435	22.3
Right tilted	802.11ax 80M		100.00%	1.000	0.522	0.03	14.77	15.00	1.054	0.550	22.3
Right tilted	802.11ax 80M	7/5985	100.00%	1.000	0.782	-0.05	14.25	15.00	1.189	0.929	22.3
Right tilted	802.11ax 80M	71/6305	100.00%	1.000	0.650	0.01	14.09	15.00	1.233	0.802	22.3
Right tilted	802.11ax 80M	167/6785	100.00%	1.000	0.627	0.08	14.59	15.00	1.099	0.689	22.3
Right tilted	802.11ax 80M	215/7025	100.00%	1.000	0.882	-0.01	14.02	15.00	1.253	1.105	22.3
ight tilted-repeate	d 802.11ax 80M	215/7025	100.00%	1.000	0.865	0.04	14.02	15.00	1.253	1.084	22.3
			He	ead Test o	data For S	imultaneo	ous				
Left cheek	802.11ax 80M	119/6545	100.00%	1.000	0.459	-0.04	14.77	9.00	0.265	0.122	22.3
Left tilted	802.11ax 80M			1.000	0.500	0.10	14.77	9.00	0.265	0.132	22.3
Right cheek	802.11ax 80M			1.000	0.413	0.04	14.77	9.00	0.265	0.109	22.3
Right tilted	802.11ax 80M			1.000	0.522	0.03	14.77	9.00	0.265	0.138	22.3
Right tilted	802.11ax 80M		100.00%	1.000	0.782	-0.05	14.25	9.00	0.299	0.233	22.3
Right tilted	802.11ax 80M		100.00%	1.000	0.650	0.01	14.09	9.00	0.310	0.201	22.3
Right tilted	802.11ax 80M			1.000	0.627	0.08	14.59	9.00	0.276	0.173	22.3
Right tilted	802.11ax 80M			1.000	0.882	-0.01	14.02	9.00	0.315	0.278	22.3
ragni anoa	002.11ax 00W	210/1020			est data(Se			0.00	0.010	0.270	22.0
Front side	802.11ax 80M	110/6545		1.000	0.078	0.06	14.77	15.00	1.054	0.082	22.3
Back side	802.11ax 80M			1.000	0.268	0.00	14.77	15.00	1.054	0.283	22.3
Back side	802.11ax 80M		100.00%	1.000	0.200	0.00	14.77	15.00	1.189	0.505	22.3
Back side	802.11ax 80M		100.00%	1.000	0.423	-0.02	14.23	15.00	1.233	0.303	22.3
Back side	802.11ax 80M			1.000	0.319	0.02	14.09	15.00	1.099		22.3
				1.000	0.315	0.06	14.09			0.346	
Back side	802.11ax 80M							15.00	1.253	0.603	22.3
Format alida	000 44 0014				1		Simultaneous		0.400	0.000	00.0
Front side	802.11ax 80M			1.000	0.078	0.06	14.77	11.00	0.420	0.033	22.3
Back side	802.11ax 80M			1.000	0.268	0.00	14.77	11.00	0.420	0.112	22.3
Back side	802.11ax 80M		100.00%	1.000	0.425	0.03	14.25	11.00	0.473	0.201	22.3
Back side	802.11ax 80M		100.00%	1.000	0.319	-0.02	14.09	11.00	0.491	0.157	22.3
Back side	802.11ax 80M			1.000	0.315	0.06	14.59	11.00	0.438	0.138	22.3
Back side	802.11ax 80M	215/7025		1.000	0.481	0.16	14.02	11.00	0.499	0.240	22.3
					t data(Sep						1
Front side	802.11ax 80M			1.000	0.034	0.04	9.73	10.00	1.064	0.036	22.3
Back side	802.11ax 80M			1.000	0.110	0.08	9.73	10.00	1.064	0.117	22.3
Right side	802.11ax 80M			1.000	0.039	0.09	9.73	10.00	1.064	0.042	22.3
Top side	802.11ax 80M			1.000	0.097	0.04	9.73	10.00	1.064	0.103	22.3
Back side	802.11ax 80M		100.00%	1.000	0.221	0.08	9.22	10.00	1.197	0.264	22.3
Back side	802.11ax 80M	71/6305	100.00%	1.000	0.165	-0.04	9.18	10.00	1.208	0.199	22.3
Back side	802.11ax 80M	167/6785	100.00%	1.000	0.141	0.02	9.58	10.00	1.102	0.155	22.3
Back side	802.11ax 80M	215/7025	100.00%	1.000	0.248	0.07	9.08	10.00	1.236	0.307	22.3
				Test Re	cord ANT	9 chain1					
Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)	Tune up Limit(dBm)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(℃



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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 relects 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 one one 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) 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: CAD.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pllot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜裔1号的6号厂房南部 邮编: 215000

t (86–512) 62992980

sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 108 of 121

Left cheek	802.11ax 80M	119/6545	100.00%	1.000	0.011	0.10	14.71	15.00	1.069	0.012	22.3
Left tilted	802.11ax 80M			1.000	0.005	0.02	14.71	15.00	1.069	0.005	22.3
Right cheek	802.11ax 80M	119/6545	100.00%	1.000	0.007	0.06	14.71	15.00	1.069	0.007	22.3
Right tilted	802.11ax 80M		100.00%	1.000	0.014	-0.04	14.71	15.00	1.069	0.015	22.3
Right tilted	802.11ax 80M		100.00%	1.000	0.096	0.05	13.98	15.00	1.265	0.121	22.3
Right tilted	802.11ax 80M	71/6305	100.00%	1.000	0.007	-0.05	14.02	15.00	1.253	0.009	22.3
Right tilted	802.11ax 80M	167/6785	100.00%	1.000	0.003	0.05	14.57	15.00	1.104	0.003	22.3
Right tilted	802.11ax 80M	215/7025	,	1.000	0.025	0.02	14.94	15.00	1.014	0.025	22.3
					st data(Se						.
Front side	802.11ax 80M			1.000	0.009	0.09	14.71	15.00	1.069	0.010	22.3
Back side	802.11ax 80M			1.000	0.225	-0.03	14.71	15.00	1.069	0.241	22.3
Back side	802.11ax 80M		100.00%	1.000	0.249	-0.03	13.98	15.00	1.265	0.315	22.3
Back side	802.11ax 80M		100.00%	1.000	0.200	0.05	14.02	15.00	1.253	0.251	22.3
Back side	802.11ax 80M			1.000	0.227	-0.03	14.57	15.00	1.104	0.251	22.3
Back side	802.11ax 80M			1.000	0.437	0.02	14.94	15.00	1.014	0.443	22.3
			-	•	•	· '	Simultaneous		ı		1
Front side	802.11ax 80M			1.000	0.009	0.09	14.71	13.00	0.675	0.006	22.3
Back side	802.11ax 80M			1.000	0.225	-0.03	14.71	13.00	0.675	0.152	22.3
Back side	802.11ax 80M		100.00%	1.000	0.249	-0.03	13.98	13.00	0.798	0.199	22.3
Back side	802.11ax 80M		100.00%	1.000	0.200	0.05	14.02	13.00	0.791	0.158	22.3
Back side	802.11ax 80M			1.000	0.227	-0.03	14.57	13.00	0.697	0.158	22.3
Back side	802.11ax 80M	215/7025		1.000	0.437	0.02	14.94	13.00	0.640	0.280	22.3
					t data(Sep						1
Front side	802.11ax 80M			1.000	0.008	0.07	12.79	13.00	1.050	0.008	22.3
Back side	802.11ax 80M			1.000	0.156	-0.01	12.79	13.00	1.050	0.164	22.3
Right side	802.11ax 80M			1.000	0.135	0.09	12.79	13.00	1.050	0.142	22.3
Back side	802.11ax 80M	7/5985	100.00%	1.000	0.211	0.03	12.07	13.00	1.239	0.261	22.3
							1				1
Back side	802.11ax 80M		100.00%	1.000	0.145	0.07	12.09	13.00	1.233	0.179	22.3
Back side	802.11ax 80M	167/6785	100.00%	1.000	0.172	-0.11	12.63	13.00	1.089	0.187	22.3
		167/6785	100.00%	1.000 1.000	0.172 0.302	-0.11 0.04					
Back side	802.11ax 80M	167/6785	100.00%	1.000 1.000 Test Rec	0.172	-0.11 0.04	12.63	13.00	1.089	0.187	22.3
Back side Back side	802.11ax 80M	167/6785 215/7025	100.00% 100.00%	1.000 1.000 Test Rec	0.172 0.302 ord ANT7	-0.11 0.04 +9 MIMO Power	12.63 12.96	13.00 13.00	1.089	0.187 0.305 Scaled	22.3 22.3
Back side	802.11ax 80M	167/6785 215/7025 Test	100.00% 100.00%	1.000 1.000 Test Rec Duty Cycle	0.172 0.302 ord ANT7 SAR (W/kg)	-0.11 0.04 '+9 MIMO Power drift	12.63 12.96 Conducted	13.00 13.00	1.089 1.009	0.187 0.305 Scaled SAR 1-g	22.3 22.3 Liquid
Back side Back side	802.11ax 80M 802.11ax 80M	167/6785 215/7025	100.00% 100.00%	1.000 1.000 Test Rec	0.172 0.302 ord ANT7	-0.11 0.04 +9 MIMO Power	12.63 12.96	13.00 13.00	1.089 1.009	0.187 0.305 Scaled	22.3 22.3 Liquid
Back side Back side	802.11ax 80M 802.11ax 80M	167/6785 215/7025 Test	100.00% 100.00%	1.000 1.000 Test Rec Duty Cycle Scaled factor	0.172 0.302 ord ANT7 SAR (W/kg)	-0.11 0.04 7+9 MIMO Power drift (dB)	12.63 12.96 Conducted	13.00 13.00	1.089 1.009	0.187 0.305 Scaled SAR 1-g	22.3 22.3 Liquid
Back side Back side	802.11ax 80M 802.11ax 80M	167/6785 215/7025 Test ch./Freq.	100.00% 100.00% Duty Cycle	1.000 1.000 Test Rec Duty Cycle Scaled factor	0.172 0.302 ord ANT7 SAR (W/kg) 1-g	-0.11 0.04 7+9 MIMO Power drift (dB)	12.63 12.96 Conducted	13.00 13.00	1.089 1.009	0.187 0.305 Scaled SAR 1-g	22.3 22.3 Liquid
Back side Back side Test position	802.11ax 80M 802.11ax 80M Test mode	167/6785 215/7025 Test ch./Freq.	100.00% 100.00% Duty Cycle	1.000 1.000 Test Rec Duty Cycle Scaled factor	0.172 0.302 ord ANT7 SAR (W/kg) 1-g	-0.11 0.04 +9 MIMO Power drift (dB)	12.63 12.96 Conducted Power(dBm)	13.00 13.00 Tune up Limit(dBm)	1.089 1.009 Scaled factor	0.187 0.305 Scaled SAR 1-g (W/kg)	22.3 22.3 Liquid Temp.(°C)
Back side Back side Test position Left cheek	802.11ax 80M 802.11ax 80M Test mode	167/6785 215/7025 Test ch./Freq.	100.00% 100.00% Duty Cycle 100.00% 100.00%	1.000 1.000 Test Rec Duty Cycle Scaled factor He 1.000	0.172 0.302 ord ANT7 SAR (W/kg) 1-g ead Test da 0.351	-0.11 0.04 *+9 MIMO Power drift (dB) ata	12.63 12.96 Conducted Power(dBm)	13.00 13.00 Tune up Limit(dBm)	1.089 1.009 Scaled factor	0.187 0.305 Scaled SAR 1-g (W/kg)	22.3 22.3 Liquid Temp.(°C)
Back side Back side Test position Left cheek Left tilted	802.11ax 80M 802.11ax 80M Test mode 802.11ax 80M 802.11ax 80M	167/6785 215/7025 Test ch./Freq. 119/6545 119/6545 119/6545 119/6545	Duty Cycle 100.00% 100.00% 100.00% 100.00%	1.000 1.000 Test Rec Duty Cycle Scaled factor He 1.000 1.000	0.172 0.302 ord ANT7 SAR (W/kg) 1-g ead Test da 0.351 0.403	-0.11 0.04	12.63 12.96 Conducted Power(dBm)	13.00 13.00 Tune up Limit(dBm) 18.00 18.00	1.089 1.009 Scaled factor 1.059 1.059	0.187 0.305 Scaled SAR 1-g (W/kg) 0.372 0.427	22.3 22.3 Liquid Temp.(°C)
Back side Back side Test position Left cheek Left tilted Right cheek	802.11ax 80M 802.11ax 80M Test mode 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M	167/6785 215/7025 Test ch./Freq. 119/6545 119/6545 119/6545 119/6545	Duty Cycle 100.00% 100.00% 100.00% 100.00%	1.000 1.000 Test Rec Duty Cycle Scaled factor He 1.000 1.000	0.172 0.302 ord ANT7 SAR (W/kg) 1-g ead Test da 0.351 0.403 0.352	-0.11 0.04 *+9 MIMO Power drift (dB) ata 0.05 -0.01 0.09	12.63 12.96 Conducted Power(dBm) 17.75 17.75	13.00 13.00 Tune up Limit(dBm) 18.00 18.00 18.00	1.089 1.009 Scaled factor 1.059 1.059	0.187 0.305 Scaled SAR 1-g (W/kg) 0.372 0.427 0.373	22.3 22.3 Liquid Temp.(°C) 22.3 22.3 22.3
Back side Back side Test position Left cheek Left tilted Right cheek Right tilted	802.11ax 80M 802.11ax 80M Test mode 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M	167/6785 215/7025 Test ch./Freq. 119/6545 119/6545 119/6545 7/5985 71/6305	Duty Cycle 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	1.000 1.000 Test Rec Duty Cycle Scaled factor He 1.000 1.000 1.000	0.172 0.302 ord ANT7 SAR (W/kg) 1-g ead Test do 0.351 0.403 0.352 0.414	-0.11 0.04 *+9 MIMO Power drift (dB) ata 0.05 -0.01 0.09 0.09	12.63 12.96 Conducted Power(dBm) 17.75 17.75 17.75	13.00 13.00 Tune up Limit(dBm) 18.00 18.00 18.00 18.00 18.00 18.00	1.089 1.009 Scaled factor 1.059 1.059 1.059	0.187 0.305 Scaled SAR 1-g (W/kg) 0.372 0.427 0.373 0.439	22.3 22.3 Liquid Temp.(°C) 22.3 22.3 22.3 22.3 22.3 22.3 22.3
Back side Back side Test position Left cheek Left tilted Right cheek Right tilted Right tilted	802.11ax 80M 802.11ax 80M Test mode 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M	167/6785 215/7025 Test ch./Freq. 119/6545 119/6545 119/6545 7/5985 71/6305 167/6785	Duty Cycle 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	1.000 1.000 Test Rec Duty Cycle Scaled factor He 1.000 1.000 1.000 1.000	0.172 0.302 ord ANT7 SAR (W/kg) 1-g ead Test do 0.351 0.403 0.352 0.414 0.644	-0.11 0.04	12.63 12.96 Conducted Power(dBm) 17.75 17.75 17.75 17.75 17.13 17.07 17.59	13.00 13.00 Tune up Limit(dBm) 18.00 18.00 18.00 18.00 18.00	1.089 1.009 Scaled factor 1.059 1.059 1.059 1.059 1.222	0.187 0.305 Scaled SAR 1-g (W/kg) 0.372 0.427 0.373 0.439 0.787	22.3 22.3 Liquid Temp.(°C) 22.3 22.3 22.3 22.3 22.3
Back side Back side Test position Left cheek Left tilted Right cheek Right tilted Right tilted Right tilted	802.11ax 80M 802.11ax 80M Test mode 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M	167/6785 215/7025 Test ch./Freq. 119/6545 119/6545 119/6545 7/5985 71/6305 167/6785	Duty Cycle 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	1.000 1.000 Test Rec Duty Cycle Scaled factor He 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	0.172 0.302 ord ANT7 SAR (W/kg) 1-g ead Test da 0.351 0.403 0.352 0.414 0.644 0.477 0.482 0.705	-0.11 0.04	12.63 12.96 Conducted Power(dBm) 17.75 17.75 17.75 17.75 17.13 17.07 17.59 17.51	13.00 13.00 Tune up Limit(dBm) 18.00 18.00 18.00 18.00 18.00 18.00	1.089 1.009 Scaled factor 1.059 1.059 1.059 1.059 1.222 1.239	0.187 0.305 Scaled SAR 1-g (W/kg) 0.372 0.427 0.373 0.439 0.787 0.591	22.3 22.3 Liquid Temp.(°C) 22.3 22.3 22.3 22.3 22.3 22.3 22.3
Back side Back side Test position Left cheek Left tilted Right cheek Right tilted Right tilted Right tilted Right tilted Right tilted	802.11ax 80M 802.11ax 80M Test mode 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M	119/6545 119/6545 119/6545 119/6545 119/6545 7/5985 71/6305 167/6785 215/7025	Duty Cycle 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% Holian	1.000 1.000 Test Rec Duty Cycle Scaled factor He 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	0.172 0.302 ord ANT7 SAR (W/kg) 1-g ead Test do 0.351 0.403 0.352 0.414 0.644 0.477 0.482	-0.11 0.04	12.63 12.96 Conducted Power(dBm) 17.75 17.75 17.75 17.75 17.13 17.07 17.59 17.51	13.00 13.00 Tune up Limit(dBm) 18.00 18.00 18.00 18.00 18.00 18.00	1.089 1.009 Scaled factor 1.059 1.059 1.059 1.222 1.239 1.099	0.187 0.305 Scaled SAR 1-g (W/kg) 0.372 0.427 0.373 0.439 0.787 0.591 0.530	22.3 Liquid Temp.(°C) 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3
Back side Back side Test position Left cheek Left tilted Right cheek Right tilted Right tilted Right tilted Right tilted Right tilted	802.11ax 80M 802.11ax 80M Test mode 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M	119/6545 119/6545 119/6545 119/6545 119/6545 7/5985 71/6305 167/6785 215/7025	Duty Cycle 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% Holian	1.000 1.000 Test Rec Duty Cycle Scaled factor He 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	0.172 0.302 ord ANT7 SAR (W/kg) 1-g ead Test da 0.351 0.403 0.352 0.414 0.644 0.477 0.482 0.705	-0.11 0.04	12.63 12.96 Conducted Power(dBm) 17.75 17.75 17.75 17.75 17.13 17.07 17.59 17.51	13.00 13.00 Tune up Limit(dBm) 18.00 18.00 18.00 18.00 18.00 18.00	1.089 1.009 Scaled factor 1.059 1.059 1.059 1.222 1.239 1.099	0.187 0.305 Scaled SAR 1-g (W/kg) 0.372 0.427 0.373 0.439 0.787 0.591 0.530	22.3 Liquid Temp.(°C) 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3
Back side Back side Test position Left cheek Left tilted Right cheek Right tilted Right tilted Right tilted Right tilted Right tilted Left cheek Left cheek Left cheek	802.11ax 80M 802.11ax 80M Test mode 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M	167/6785 215/7025 Test ch./Freq. 119/6545 119/6545 7/5985 71/6305 167/6785 215/7025	Duty Cycle 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	1.000 1.000 Test Rec Duty Cycle Scaled factor 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	0.172 0.302 ord ANT7 SAR (W/kg) 1-g ead Test de 0.351 0.403 0.352 0.414 0.644 0.477 0.482 0.705 data For Si 0.351 0.403	-0.11 0.04	12.63 12.96 Conducted Power(dBm) 17.75 17.75 17.75 17.75 17.13 17.07 17.59 17.51 us	13.00 13.00 13.00 Tune up Limit(dBm) 18.00 18.00 18.00 18.00 18.00 18.00 18.00 13.00	1.089 1.009 Scaled factor 1.059 1.059 1.059 1.222 1.239 1.099 1.119	0.187 0.305 Scaled SAR 1-g (W/kg) 0.372 0.427 0.373 0.439 0.787 0.591 0.530 0.789 0.118 0.135	22.3 22.3 Liquid Temp.(°C) 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3
Back side Back side Test position Left cheek Left tilted Right cheek Right tilted Right tilted Right tilted Right tilted Left cheek Left tilted	802.11ax 80M 802.11ax 80M Test mode 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M 802.11ax 80M	167/6785 215/7025 Test ch./Freq. 119/6545 119/6545 7/5985 71/6305 167/6785 215/7025 119/6545 119/6545 119/6545	Duty Cycle 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	1.000 1.000 Test Rec Duty Cycle Scaled factor 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	0.172 0.302 ord ANT7 SAR (W/kg) 1-g ead Test de 0.351 0.403 0.352 0.414 0.644 0.477 0.482 0.705 data For Si 0.351 0.403 0.352	-0.11 0.04	12.63 12.96 Conducted Power(dBm) 17.75 17.75 17.75 17.75 17.13 17.07 17.59 17.51 us 17.75 17.75	13.00 13.00 13.00 Tune up Limit(dBm) 18.00 18.00 18.00 18.00 18.00 18.00 13.00 13.00 13.00	1.089 1.009 Scaled factor 1.059 1.059 1.059 1.222 1.239 1.099 1.119 0.335 0.335	0.187 0.305 Scaled SAR 1-g (W/kg) 0.372 0.427 0.373 0.439 0.787 0.591 0.530 0.789 0.118 0.135 0.118	22.3 22.3 Liquid Temp.(°C) 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3
Back side Back side Back side Test position Left cheek Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right tilted	802.11ax 80M 802.11ax 80M Test mode 802.11ax 80M 802.11ax 80M	167/6785 215/7025 Test ch./Freq. 119/6545 119/6545 119/6545 7/5985 71/6305 167/6785 215/7025 119/6545 119/6545 119/6545 119/6545	Duty Cycle 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	1.000 1.000 Test Rec Duty Cycle Scaled factor 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	0.172 0.302 ord ANT7 SAR (W/kg) 1-g ead Test de 0.351 0.403 0.352 0.414 0.644 0.477 0.482 0.705 data For Si 0.351 0.403 0.352 0.414	-0.11 0.04 +9 MIMO Power drift (dB) ata 0.05 -0.01 0.09 0.01 0.07 -0.03 imultaneo 0.05 -0.01 0.09 0.09	12.63 12.96 Conducted Power(dBm) 17.75 17.75 17.75 17.13 17.07 17.59 17.51 us 17.75 17.75 17.75	13.00 13.00 13.00 Tune up Limit(dBm) 18.00 18.00 18.00 18.00 18.00 18.00 13.00 13.00 13.00	1.089 1.009 Scaled factor 1.059 1.059 1.059 1.222 1.239 1.099 1.119 0.335 0.335 0.335	0.187 0.305 Scaled SAR 1-g (W/kg) 0.372 0.427 0.373 0.439 0.787 0.591 0.530 0.789 0.118 0.135 0.118 0.139	22.3 22.3 Liquid Temp.(°C) 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3
Back side Back side Back side Test position Left cheek Left tilted Right cheek Right tilted Right tilted Right tilted Right tilted Right tilted Right tilted Left cheek Left tilted Right cheek Right tilted Right tilted	802.11ax 80M 802.11ax 80M Test mode 802.11ax 80M 802.11ax 80M	167/6785 215/7025 Test ch./Freq. 119/6545 119/6545 119/6545 7/5985 71/6305 167/6785 215/7025 119/6545 119/6545 119/6545 119/6545 7/5985	Duty Cycle 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	1.000 1.000 Test Rec Duty Cycle Scaled factor 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	0.172 0.302 ord ANT7 SAR (W/kg) 1-g end Test de 0.351 0.403 0.352 0.414 0.644 0.477 0.482 0.705 data For Si 0.351 0.403 0.352 0.414 0.644 0.644	-0.11 0.04 +9 MIMO Power drift (dB) ata 0.05 -0.01 0.09 0.01 0.07 -0.03 imultaneo 0.05 -0.01 0.09 0.09 0.01	12.63 12.96 Conducted Power(dBm) 17.75 17.75 17.75 17.13 17.07 17.59 17.51 us 17.75 17.75 17.75 17.75	13.00 13.00 13.00 Tune up Limit(dBm) 18.00 18.00 18.00 18.00 18.00 13.00 13.00 13.00 13.00 13.00	1.089 1.009 Scaled factor 1.059 1.059 1.059 1.222 1.239 1.099 1.119 0.335 0.335 0.335	0.187 0.305 Scaled SAR 1-g (W/kg) 0.372 0.427 0.373 0.439 0.787 0.591 0.530 0.789 0.118 0.135 0.118	22.3 22.3 Liquid Temp.(°C) 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3
Back side Back side Back side Test position Left cheek Left tilted Right cheek Right tilted Left cheek Left tilted Right cheek Right tilted	802.11ax 80M 802.11ax 80M Test mode 802.11ax 80M 802.11ax 80M	167/6785 215/7025 Test ch./Freq. 119/6545 119/6545 119/6545 71/6305 167/6785 215/7025 119/6545 119/6545 119/6545 119/6545 119/6545 7/5985 71/6305	Duty Cycle 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	1.000 1.000 Test Rec Duty Cycle Scaled factor 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	0.172 0.302 ord ANT7 SAR (W/kg) 1-g end Test de 0.351 0.403 0.352 0.414 0.644 0.477 0.482 0.705 end For Si 0.351 0.403 0.352 0.414 0.644 0.477	-0.11 0.04 +9 MIMO Power drift (dB) ata 0.05 -0.01 0.09 0.01 0.07 -0.03 imultaneo 0.05 -0.01 0.09 0.09	12.63 12.96 Conducted Power(dBm) 17.75 17.75 17.75 17.75 17.13 17.07 17.59 17.51 us 17.75 17.75 17.75 17.75 17.75	13.00 13.00 13.00 Tune up Limit(dBm) 18.00 18.00 18.00 18.00 18.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00	1.089 1.009 Scaled factor 1.059 1.059 1.059 1.222 1.239 1.099 1.119 0.335 0.335 0.335	0.187 0.305 Scaled SAR 1-g (W/kg) 0.372 0.427 0.373 0.439 0.787 0.591 0.530 0.789 0.118 0.135 0.118 0.139	22.3 22.3 Liquid Temp.(℃) 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3
Back side Back side Back side Test position Left cheek Left tilted Right cheek Right tilted Right tilted Right tilted Right tilted Right tilted Right tilted Left cheek Left tilted Right cheek Right tilted Right tilted	802.11ax 80M 802.11ax 80M Test mode 802.11ax 80M 802.11ax 80M	167/6785 215/7025 Test ch./Freq. 119/6545 119/6545 119/6545 71/6305 167/6785 119/6545 119/6545 119/6545 119/6545 119/6545 119/6545 119/6545 119/6545 119/6545 119/6545 119/6545 119/6545	Duty Cycle 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00% 100.00%	1.000 1.000 Test Rec Duty Cycle Scaled factor 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000 1.000	0.172 0.302 ord ANT7 SAR (W/kg) 1-g ead Test de 0.351 0.403 0.352 0.414 0.644 0.477 0.482 0.705 data For Si 0.351 0.403 0.352 0.414 0.644 0.477 0.482	-0.11 0.04 +9 MIMO Power drift (dB) ata 0.05 -0.01 0.09 0.01 0.07 -0.03 imultaneo 0.05 -0.01 0.09 0.09 0.01	12.63 12.96 Conducted Power(dBm) 17.75 17.75 17.75 17.13 17.07 17.59 17.51 us 17.75 17.75 17.75 17.75	13.00 13.00 13.00 Tune up Limit(dBm) 18.00 18.00 18.00 18.00 18.00 13.00 13.00 13.00 13.00 13.00	1.089 1.009 Scaled factor 1.059 1.059 1.059 1.059 1.222 1.239 1.099 1.119 0.335 0.335 0.335 0.335 0.386 0.392	0.187 0.305 Scaled SAR 1-g (W/kg) 0.372 0.427 0.373 0.439 0.787 0.591 0.530 0.789 0.118 0.135 0.118 0.139 0.249	22.3 22.3 Liquid Temp.(°C) 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3
Back side Back side Back side Test position Left cheek Left tilted Right cheek Right tilted Right tilted Right tilted Right tilted Right tilted Right tilted Left cheek Left tilted Right tilted	802.11ax 80M 802.11ax 80M Test mode 802.11ax 80M 802.11ax 80M	167/6785 215/7025 Test ch./Freq. 119/6545 119/6545 119/6545 71/6305 167/6785 119/6545 119/6545 119/6545 119/6545 119/6545 119/6545 119/6545 119/6545 119/6545 119/6545 119/6545 119/6545	Duty Cycle 100.00%	1.000 1.000 Test Rec Duty Cycle Scaled factor 1.000	0.172 0.302 ord ANT7 SAR (W/kg) 1-9 ead Test de 0.351 0.403 0.352 0.414 0.644 0.477 0.482 0.705 data For Si 0.351 0.403 0.352 0.414 0.644 0.477 0.482 0.705	-0.11 0.04 +9 MIMO Power drift (dB) ata 0.05 -0.01 0.09 0.09 0.01 0.07 -0.03 imultaneo 0.09 0.09 0.01 0.009 0.01 0.07 -0.03	12.63 12.96 Conducted Power(dBm) 17.75 17.75 17.75 17.75 17.13 17.07 17.59 17.75 17.75 17.75 17.75 17.75 17.75	13.00 13.00 13.00 Tune up Limit(dBm) 18.00 18.00 18.00 18.00 18.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00	1.089 1.009 Scaled factor 1.059 1.059 1.059 1.059 1.222 1.239 1.099 1.119 0.335 0.335 0.335 0.335	0.187 0.305 Scaled SAR 1-g (W/kg) 0.372 0.427 0.373 0.439 0.787 0.591 0.530 0.789 0.118 0.135 0.118 0.139 0.249 0.187	22.3 22.3 Liquid Temp.(℃) 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3
Back side Back side Back side Test position Left cheek Left tilted Right cheek Right tilted Right tilted Right tilted Right tilted Right tilted Right tilted Left cheek Left tilted Right tilted	802.11ax 80M 802.11ax 80M Test mode 802.11ax 80M 802.11ax 80M	167/6785 215/7025 Test ch./Freq. 119/6545 119/6545 119/6545 71/6305 167/6785 215/7025 119/6545 119/6545 119/6545 119/6545 119/6545 7/5985 71/6305 167/6785 215/7025	Duty Cycle 100.00%	1.000 1.000 Test Rec Duty Cycle Scaled factor 1.000	0.172 0.302 ord ANT7 SAR (W/kg) 1-g ead Test de 0.351 0.403 0.352 0.414 0.644 0.477 0.482 0.705 data For Si 0.351 0.403 0.352 0.414 0.644 0.477 0.482	-0.11 0.04 +9 MIMO Power drift (dB) ata 0.05 -0.01 0.09 0.09 0.01 0.07 -0.03 imultaneo 0.09 0.09 0.01 0.009 0.01 0.07 -0.03	12.63 12.96 Conducted Power(dBm) 17.75 17.75 17.75 17.75 17.13 17.07 17.59 17.75 17.75 17.75 17.75 17.75 17.75	13.00 13.00 13.00 Tune up Limit(dBm) 18.00 18.00 18.00 18.00 18.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00 13.00	1.089 1.009 Scaled factor 1.059 1.059 1.059 1.059 1.222 1.239 1.099 1.119 0.335 0.335 0.335 0.335 0.386 0.392	0.187 0.305 Scaled SAR 1-g (W/kg) 0.372 0.427 0.373 0.439 0.787 0.591 0.530 0.789 0.118 0.135 0.118 0.139 0.249 0.187 0.168	22.3 22.3 Liquid Temp.(°C) 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3 22.3



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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 relects 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 one one 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) 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: CAD.Doccheck@sgs.com

South of No. 6 Pent, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Plot Free Trade Zone 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 t (86–512) 62992980

sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 109 of 121

Back side	802.11ax 80M	119/6545	100.00%	1.000	0.169	0.07	17.75	18.00	1.059	0.179	22.3
Back side	802.11ax 80M	7/5985	100.00%	1.000	0.312	0.02	17.13	18.00	1.222	0.381	22.3
Back side	802.11ax 80M	71/6305	100.00%	1.000	0.192	0.07	17.07	18.00	1.239	0.238	22.3
Back side	802.11ax 80M	167/6785	100.00%	1.000	0.199	0.05	17.59	18.00	1.099	0.219	22.3
Back side	802.11ax 80M	215/7025	100.00%	1.000	0.388	-0.01	17.51	18.00	1.119	0.434	22.3
		Bod	ly worn Te	est data(S	eparate 15	mm) For	Simultaneous				
Front side	802.11ax 80M	119/6545	100.00%	1.000	0.037	-0.04	17.75	16.00	0.668	0.025	22.3
Back side	802.11ax 80M	119/6545	100.00%	1.000	0.169	0.07	17.75	16.00	0.668	0.113	22.3
Back side	802.11ax 80M	7/5985	100.00%	1.000	0.312	0.02	17.13	16.00	0.771	0.241	22.3
Back side	802.11ax 80M	71/6305	100.00%	1.000	0.192	0.07	17.07	16.00	0.782	0.150	22.3
Back side	802.11ax 80M	167/6785	100.00%	1.000	0.199	0.05	17.59	16.00	0.693	0.138	22.3
Back side	802.11ax 80M	215/7025	100.00%	1.000	0.388	-0.01	17.51	16.00	0.706	0.274	22.3
			Но	tspot Tes	t data(Sep	arate 10m	m)				
Front side	802.11ax 80M	119/6545	100.00%	1.000	0.037	0.05	14.83	15.00	1.040	0.038	22.3
Back side	802.11ax 80M	119/6545	100.00%	1.000	0.165	-0.01	14.83	15.00	1.040	0.172	22.3
Right side	802.11ax 80M	119/6545	100.00%	1.000	0.042	0.04	14.83	15.00	1.040	0.044	22.3
Top side	802.11ax 80M	119/6545	100.00%	1.000	0.155	0.09	14.83	15.00	1.040	0.161	22.3
Back side	802.11ax 80M	7/5985	100.00%	1.000	0.241	0.02	14.19	15.00	1.205	0.290	22.3
Back side	802.11ax 80M	71/6305	100.00%	1.000	0.171	-0.16	14.16	15.00	1.213	0.207	22.3
Back side	802.11ax 80M	167/6785	100.00%	1.000	0.172	0.07	14.55	15.00	1.109	0.191	22.3
Back side	802.11ax 80M	215/7025	100.00%	1.000	0.251	-0.04	14.47	15.00	1.130	0.284	22.3

Table 37: SAR of WIFI 6E for Head and Body.

Test Position	Channel/ Frequency		1 st Repeated	Ratio	2 nd Repeated	3 rd Repeated
	(MHz)	(1g)	SAR (1g)		SAR (1g)	SAR (1g)
Right tilted	215/7025	0.882	0.865	1.019653179	N/A	N/A

Note: 1) When the original highest measured SAR is ≥ 0.80 W/kg, the measurement was repeated once.

 A second repeated measurement was preformed only if the ratio of largest to smallest SAR for the original and first repeated measurements was > 1.20 or when the original or repeated measurement was ≥ 1.45 W/kg (~ 10% from the 1-g SAR limit).

3) A third repeated measurement was preformed only if the original, first or second repeated measurement was ≥ 1.5 W/kg and the ratio of largest to smallest SAR for the original, first and second repeated measurements is > 1.20.

4) Repeated measurements are not required when the original highest measured SAR is < 0.80 W/kg



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indeminification 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) 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: CND.occheck@gs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pllot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜裔1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 www.sgsgroup.com.t t (86–512) 62992980 sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 110 of 121

9.2.3 SAR Result of BT

Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 1-g	Power drift (dB)	Conducted Power(dBm)			Scaled SAR 1- g (W/kg)	Liquid Temp.(℃)
					Head Test	data					
Left cheek	DH5	39/2441	77.68%	1.287	0.052	-0.04	7.49	7.50	1.002	0.066	22.2
Left tilted	DH5	39/2441	77.68%	1.287	0.051	-0.05	7.49	7.50	1.002	0.066	22.2
Right cheek	DH5	39/2441	77.68%	1.287	0.025	0.01	7.49	7.50	1.002	0.032	22.2
Right tilted	DH5	39/2441	77.68%	1.287	0.011	0.09	7.49	7.50	1.002	0.014	22.2
			Во	dy worn	Test data(Separate 1	5mm)				
Front side	DH5	39/2441	77.68%	1.287	0.003	0.02	7.49	7.50	1.002	0.004	22.2
Back side	DH5	39/2441	77.68%	1.287	0.011	-0.03	7.49	7.50	1.002	0.014	22.2
			Н	otspot T	est data (S	eparate 10	mm)				
Front side	DH5	39/2441	77.68%	1.287	0.006	0.14	7.49	7.50	1.002	0.008	22.2
Back side	DH5	39/2441	77.68%	1.287	0.008	0.08	7.49	7.50	1.002	0.010	22.2
Right side	DH5	39/2441	77.68%	1.287	0.012	-0.02	7.49	7.50	1.002	0.016	22.2
Top side	DH5	39/2441	77.68%	1.287	0.006	0.03	7.49	7.50	1.002	0.008	22.2

Table 38: SAR of BT for Head and Body.



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indeminification 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 faistification 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) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-75) 8307 1443, or email: CM.Doccheck@esgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 www.sgsgroup.com. t (86–512) 62992980 sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 111 of 121

9.2.1 SAR Result of NFC

Test position	Test mode	Test ch./Freq.	Duty Cycle	Duty Cycle Scaled factor	SAR (W/kg) 10-g	Power drift (dB)	Scaled factor	Scaled SAR 1-g (W/kg)	Liquid Temp.(°C)
		1	NFC Test da	ata (Sepai	ate 0mm)			
Front side	NFC	13.56MHz	100.00%	1.000	0.001	-0.03	1.000	0.001	22.5
Back side	NFC	13.56MHz	100.00%	1.000	0.050	0.02	1.000	0.050	22.5
Left side	NFC	13.56MHz	100.00%	1.000	0.001	0.05	1.000	0.001	22.5
Right side	NFC	13.56MHz	100.00%	1.000	0.001	0.01	1.000	0.001	22.5
Top side	NFC	13.56MHz	100.00%	1.000	0.001	0.06	1.000	0.001	22.5
Bottom side	NFC	13.56MHz	100.00%	1.000	0.001	-0.08	1.000	0.001	22.5

Table 39: SAR of NFC for Body.



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indeminification 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 faistification 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) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-75) 8307 1443, or email: CM.Doccheck@esgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pllot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜裔1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 www.sgsgroup.com.t t (86–512) 62992980 sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 112 of 121

9.3 Multiple Transmitter Evaluation

9.3.1 Simultaneous SAR SAR test evaluation

Simultaneous Transmission Possibilities

NO	Simultaneous Tx Combination	Head	Body- worn	Hotspot	Product Specific 10-g (0mm)
1	WWAN + WIFI2.4G Ant7	Y	Υ	Υ	Υ
2	WWAN + WIFI2.4G Ant9	Υ	Υ	Y	Y
3	WWAN +WIFI2.4G MIMO	Υ	Υ	Υ	Υ
4	WWAN + WIFI2.4G Ant9+BT Ant7	Y	Υ	Υ	Y
5	WWAN + BT Ant7	Y	Υ	Υ	Υ
6	WWAN + WIFI5G Ant7+ BT Ant7	Y	Υ	Υ	Υ
7	WWAN + WIFI5G Ant9+ BT Ant7	Υ	Υ	Υ	Υ
8	WWAN + WIFI5G MIMO+ BT Ant7	Y	Υ	Υ	Υ
9	WWAN + WIFI6E Ant7+ BT Ant7	Y	Υ	Υ	Y
10	WWAN + WIFI6E Ant9+ BT Ant7	Y	Υ	Υ	Y
11	WWAN + WIFI6E MIMO+ BT Ant7	Y	Υ	Υ	Y

Note:

- 1) The device support DTM function.
- 2) For Wi-Fi 5G, U-NII-2A (5250-5350 MHz) and U-NII-2C (5470-5725 MHz) bands does not support hotspot function.
- 3) NFC is different from the working scenario of WWAN/WIFI(Head/Body-worn/Hotspot) and does not participate in the simultaneous transmission.
- 4) Per FCC KDB Publication 648474 D04 Handset SAR, Phablet SAR tests were not required it wireless router 1g SAR(Scaled to the maximum output power ,including tolerance) < 1.2 W/Kg. Therefore, no further analysis beyond tables included in this section was required to determine that possible Simultaneous transmission scenarios would not exceed the SAR limit.



Unless otherwise agreed in writing, 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.aspx 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 aspx. 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 objects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's objects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's objects the Company's findings at the time of its intervention only and within the limits of Client's instructions, if any. The Company's objects the Company in the Company and the company are company and the decrease of the decimal content 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 unlawfull 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) 83071443.

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suchou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980

www.sgsgroup.com.cn sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.:

Page: 113 of 121

9.3.2 Simultaneous Transmission SAR Summation Scenario Simultaneous Transmission SAR Summation Scenario for WLAN Head:

	taneou						nax (W/kg)							-								
Test	oosition	WWAN	WiFi 2.4G Ant7	WiFi 2.4G Ant9	WiFi 2.4G MIMO	WiFi 5G Ant7	WiFi 5G Ant9	WiFi 5G MIMO	WiFi 6E Ant7	WiFi 6E Ant9	WiFi 6E MIMO	BT Ant7					Sum	med SA	AR.			
		1	2	3	4	5	6	7	9	10	11	8	1+2	1+3	1+4	1+3+8	1+5+8	1+6+8	1+7+8	1+8+9	1+8+10	1+8+11
	Left cheek	0.398	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012	0.119	0.066	0.866	0.752	0.859	0.818	0.725	0.813	0.818	0.587	0.476	0.583
COMOTO	Left tilted	0.178	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005	0.136	0.066	0.440	0.409	0.406	0.475	0.509	0.411	0.615	0.378	0.249	0.380
GSM850	Right cheek	0.454	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008	0.119	0.032	0.663	0.649	0.639	0.681	0.726	0.573	0.724	0.596	0.494	0.605
	Right tilted	0.218	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123	0.252	0.014	0.365	0.337	0.388	0.351	0.456	0.334	0.510	0.512	0.355	0.484
	Left cheek	0.200	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012	0.119	0.066	0.668	0.554	0.661	0.620	0.527	0.615	0.620	0.389	0.278	0.385
	Left tilted	0.128	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005	0.136	0.066	0.390	0.359	0.356	0.425	0.459	0.361	0.565	0.328	0.199	0.330
GSM1900	Right cheek	0.137	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008	0.119	0.032	0.346	0.332	0.322	0.364	0.409	0.256	0.407	0.279	0.177	0.288
	Right tilted	0.135	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123	0.252	0.014	0.282	0.254	0.305	0.268	0.373	0.251	0.427	0.429	0.272	0.401
	Left cheek	0.206	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012	0.119	0.066	0.674	0.560	0.667	0.626	0.533	0.621	0.626	0.395	0.284	0.391
WCDMA	Left tilted	0.127	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005	0.136	0.066	0.389	0.358	0.355	0.424	0.458	0.360	0.564	0.327	0.198	0.329
II	Right cheek	0.160	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008	0.119	0.032	0.369	0.355	0.345	0.387	0.432	0.279	0.430	0.302	0.200	0.311
	Right tilted	0.133	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123	0.252	0.014	0.280	0.252	0.303	0.266	0.371	0.249	0.425	0.427	0.270	0.399
	Left cheek	0.113	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012	0.119	0.066	0.581	0.467	0.574	0.533	0.440	0.528	0.533	0.302	0.191	0.298
WCDMA	Left tilted	0.096	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005	0.136	0.066	0.358	0.327	0.324	0.393	0.427	0.329	0.533	0.296	0.167	0.298
IV	Right cheek	0.139	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008	0.119	0.032	0.348		0.324	0.366	0.411	0.258	0.409	0.281	0.179	0.290
	Right tilted	0.105	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123	0.252	0.014	0.252		0.275	0.238	0.343	0.221	0.397	0.399	0.242	0.371
	Left cheek	0.202	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012		0.066	0.670	0.556	0.663	0.622	0.529	0.617	0.622	0.391	0.280	0.387
	Left tilted	0.202	0.262	0.231	0.228	0.265	0.167	0.371	0.123	0.005	0.136	0.066	0.380	0.349	0.346	0.415	0.449	0.351	0.555	0.318	0.189	0.320
WCDMA V	Right cheek	0.219	0.202	0.195	0.185	0.240	0.087	0.238	0.110	0.003	0.119	0.032	0.428	0.414	0.404	0.446	0.491	0.338	0.489	0.361	0.259	0.370
	-	0.130	0.209	0.193	0.170	0.240	0.102	0.278	0.110		0.119	0.032	0.428		0.300	0.440	0.491	0.336	0.422	0.424	0.239	0.376
	Right tilted	0.763	0.147	0.119	0.170	0.224	0.102	0.276		0.123			1.231	1.117	1.224			1.178		0.424	0.267	0.396
	Left cheek								0.123			0.066			_	1.183	1.090		1.183			
LTE Band 2	Left tilted	0.777	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005		0.066	1.039	1.008	1.005	1.074	1.108	1.010	1.214	0.977	0.848	0.979
_	Right cheek	1.166	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008		0.032	1.375	1.361	1.351	1.393	1.438	1.285	1.436	1.308	1.206	1.317
	Right tilted	1.164	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123	0.252	0.014	1.311	1.283	1.334	1.297	1.402	1.280	1.456	1.458	1.301	1.430
	Left cheek	0.787	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012	0.119	0.066	1.255	1.141	1.248	1.207	1.114	1.202	1.207	0.976	0.865	0.972
LTE Band 5	Left tilted	0.453	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005		0.066	0.715	0.684	0.681	0.750	0.784	0.686	0.890	0.653	0.524	0.655
	Right cheek	0.880	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008		0.032	1.089	1.075	1.065	1.107	1.152	0.999	1.150	1.022	0.920	1.031
	Right tilted	0.517	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123	0.252	0.014	0.664	0.636	0.687	0.650	0.755	0.633	0.809	0.811	0.654	0.783
	Left cheek	0.162	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012		0.066	0.630		0.623	0.582	0.489	0.577	0.582	0.351	0.240	0.347
LTE Band 12	Left tilted	0.085	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005		0.066	0.347		0.313		0.416	0.318	0.522	0.285	0.156	0.287
12	Right cheek	0.186	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008		0.032	0.395		0.371	0.413	0.458	0.305	0.456	0.328	0.226	0.337
	Right tilted	0.091	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123	0.252	0.014	0.238	0.210	0.261	0.224	0.329	0.207	0.383	0.385	0.228	0.357
	Left cheek	0.206	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012	0.119	0.066	0.674	0.560	0.667	0.626	0.533	0.621	0.626	0.395	0.284	0.391
LTE Band 14	Left tilted	0.130	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005	0.136	0.066	0.392		0.358	0.427	0.461	0.363	0.567	0.330	0.201	0.332
14	Right cheek	0.221	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008	0.119	0.032	0.430	0.416	0.406	0.448	0.493	0.340	0.491	0.363	0.261	0.372
	Right tilted	0.130	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123		0.014	0.277		0.300	0.263	0.368	0.246	0.422	0.424	0.267	0.396
	Left cheek	0.219	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012	_			_	_			0.634			0.297	0.404
LTE Band	Left tilted	0.117	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005			0.379		_				0.554	0.317	0.188	0.319
26	Right cheek	0.224	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008	_			_	_	0.451	0.496	0.343	0.494	0.366	0.264	0.375
	Right tilted	0.117	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123		0.014		0.236			0.355	0.233	0.409	0.411	0.254	0.383
	Left cheek	0.689	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012				_	1.150		1.016	1.104	1.109	0.878	0.767	0.874
LTE Band	Left tilted	0.726	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005	0.136	0.066	0.988	0.957	0.954	1.023	1.057	0.959	1.163	0.926	0.797	0.928
30	Right cheek	1.051	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008	0.119	0.032	1.260	1.246	1.236	1.278	1.323	1.170	1.321	1.193	1.091	1.202
	Right tilted	1.126	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123	0.252	0.014	1.273	1.245	1.296	1.259	1.364	1.242	1.418	1.420	1.263	1.392
	Left cheek	0.198	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012	0.119	0.066	0.666	0.552	0.659	0.618	0.525	0.613	0.618	0.387	0.276	0.383
LTE Band 48	Left tilted	0.149	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005	0.136	0.066	0.411	0.380	0.377	0.446	0.480	0.382	0.586	0.349	0.220	0.351
	Right cheek	0.740	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008	0.119	0.032	0.949	0.935	0.925	0.967	1.012	0.859	1.010	0.882	0.780	0.891



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indemification 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) 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: CND.occheck@gs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 www.sgsgroup.com.cn



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 114 of 121

I	Right tilted	0.386	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123	0 252	0.014	0 533	0 505	0 556	0.519	0 624	0.502	0.678	0.680	0.523	0.652
	Left cheek	0.567	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012	0.119	0.066		0.921	1.028	0.987	0.894	0.982	0.987	0.756	0.645	0.752
LTE Band 66	Left tilted	0.594	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005	0.136	0.066			0.822	0.891	0.925	0.827	1.031	0.794	0.665	0.796
	Right cheek	1.092	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008	0.119	0.032	1.301	1.287	1.277	1.319	1.364	1.211	1.362	1.234	1.132	1.243
	Right tilted	0.922	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123	0.252	0.014	1.069	1.041	1.092	1.055	1.160	1.038	1.214	1.216	1.059	1.188
	Left cheek	0.104	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012	0.119	0.066	0.572	0.458	0.565	0.524	0.431	0.519	0.524	0.293	0.182	0.289
LTE Band	Left tilted	0.050	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005	0.136	0.066	0.312	0.281	0.278	0.347	0.381	0.283	0.487	0.250	0.121	0.252
71	Right cheek	0.128	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008	0.119	0.032	0.337	0.323	0.313	0.355	0.400	0.247	0.398	0.270	0.168	0.279
	Right tilted	0.066	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123	0.252	0.014	0.213	0.185	0.236	0.199	0.304	0.182	0.358	0.360	0.203	0.332
	Left cheek	0.787	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012	0.119	0.066	1.255	1.141	1.248	1.207	1.114	1.202	1.207	0.976	0.865	0.972
5G NR	Left tilted	0.932	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005	0.136	0.066	1.194	1.163	1.160	1.229	1.263	1.165	1.369	1.132	1.003	1.134
n25	Right cheek	1.207	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008	0.119	0.032	1.416	1.402	1.392	1.434	1.479	1.326	1.477	1.349	1.247	1.358
	Right tilted	1.278	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123	0.252	0.014	1.425	1.397	1.448	1.411	1.516	1.394	1.570	1.572	1.415	1.544
	Left cheek	0.194	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012	0.119	0.066	0.662	0.548	0.655	0.614	0.521	0.609	0.614	0.383	0.272	0.379
5G NR	Left tilted	0.106	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005	0.136	0.066	0.368	0.337	0.334	0.403	0.437	0.339	0.543	0.306	0.177	0.308
n26	Right cheek	0.220	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008	0.119	0.032	0.429		0.405	0.447	0.492	0.339	0.490	0.362	0.260	0.371
	Right tilted	0.126	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123	0.252	0.014	0.273	0.245	0.296	0.259	0.364	0.242	0.418	0.420	0.263	0.392
	Left cheek	0.811	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012	0.119	0.066	1.279	1.165	1.272	1.231	1.138	1.226	1.231	1.000	0.889	0.996
50 ND	Left tilted	1.002	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005	0.136	0.066		1.233	1.230	1.299	1.333	1.235	1.439	1.202	1.073	1.204
5G NR n30	Right cheek	1.014	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008	0.119	0.032	1.223	1.209	1.199	1.241	1.286	1.133	1.284	1.156	1.054	1.165
	Right tilted	1.192	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123	0.252	0.014	1.339	1.311	1.362	1.325	1.430	1.308	1.484	1.486	1.329	1.458
	Left cheek	0.460	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012	0.119	0.066	0.928	0.814	0.921	0.880	0.787	0.875	0.880	0.649	0.538	0.645
5G NR	Left tilted	0.574	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005	0.136	0.066	0.836	0.805	0.802	0.871	0.905	0.807	1.011	0.774	0.645	0.776
n41	Right cheek	1.161	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008	0.119	0.032	1.370	1.356	1.346	1.388	1.433	1.280	1.431	1.303	1.201	1.312
	Right tilted	1.206	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123	0.252	0.014	1.353	1.325	1.376	1.339	1.444	1.322	1.498	1.500	1.343	1.472
	Left cheek	0.436	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012	0.119	0.066	0.904	0.790	0.897	0.856	0.763	0.851	0.856	0.625	0.514	0.621
5G NR	Left tilted	0.309	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005	0.136	0.066	0.571	0.540	0.537	0.606	0.640	0.542	0.746	0.509	0.380	0.511
n48	Right cheek	1.198	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008	0.119	0.032	1.407	1.393	1.383	1.425	1.470	1.317	1.468	1.340	1.238	1.349
	Right tilted	0.687	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123	0.252	0.014	0.834	0.806	0.857	0.820	0.925	0.803	0.979	0.981	0.824	0.953
	Left cheek	0.709	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012	0.119	0.066	1.177	1.063	1.170	1.129	1.036	1.124	1.129	0.898	0.787	0.894
5G NR	Left tilted	0.729	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005	0.136	0.066	0.991	0.960	0.957	1.026	1.060	0.962	1.166	0.929	0.800	0.931
n66	Right cheek	1.164	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008	0.119	0.032	1.373	1.359	1.349	1.391	1.436	1.283	1.434	1.306	1.204	1.315
	Right tilted	0.975	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123	0.252	0.014	1.122	1.094	1.145	1.108	1.213	1.091	1.267	1.269	1.112	1.241
	Left cheek	0.708	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012	0.119	0.066	1.176	1.062	1.169	1.128	1.035	1.123	1.128	0.897	0.786	0.893
5G NR	Left tilted	0.678	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005	0.136	0.066	0.940	0.909	0.906	0.975	1.009	0.911	1.115	0.878	0.749	0.880
n70	Right cheek	1.180	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008	0.119	0.032	1.389	1.375	1.365	1.407	1.452	1.299	1.450	1.322	1.220	1.331
	Right tilted	0.986	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123	0.252	0.014	1.133	1.105	1.156	1.119	1.224	1.102	1.278	1.280	1.123	1.252
	Left cheek	0.149	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012	0.119	0.066	0.617	0.503	0.610	0.569	0.476	0.564	0.569	0.338	0.227	0.334
5G NR	Left tilted	0.081	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005	0.136	0.066	0.343	0.312	0.309	0.378	0.412	0.314	0.518	0.281	0.152	0.283
n71	Right cheek	0.166	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008	0.119	0.032	0.375	0.361	0.351	0.393	0.438	0.285	0.436	0.308	0.206	0.317
	Right tilted	0.095	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123	0.252	0.014	0.242	0.214	0.265	0.228	0.333	0.211	0.387	0.389	0.232	0.361
50 ND	Left cheek	0.450	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012	0.119	0.066	0.918	0.804	0.911	0.870	0.777	0.865	0.870	0.639	0.528	0.635
5G NR n77	Left tilted	0.245	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005	0.136	0.066	0.507	0.476	0.473	0.542	0.576	0.478	0.682	0.445	0.316	0.447
(3450- 3550)	Right cheek	1.230	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008	0.119	0.032	1.439	1.425	1.415	1.457	1.502	1.349	1.500	1.372	1.270	1.381
	Right tilted	0.689	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123	0.252	0.014	0.836	0.808	0.859	0.822	0.927	0.805	0.981	0.983	0.826	0.955
EC ND	Left cheek	1.114	0.468	0.354	0.461	0.261	0.349	0.354	0.123	0.012	0.119	0.066	1.582	1.468	1.575	1.534	1.441	1.529	1.534	1.303	1.192	1.299
5G NR n77	Left tilted	0.728	0.262	0.231	0.228	0.265	0.167	0.371	0.134	0.005	0.136	0.066	0.990	0.959	0.956	1.025	1.059	0.961	1.165	0.928	0.799	0.930
(3700- 3980)	Right cheek	1.147	0.209	0.195	0.185	0.240	0.087	0.238	0.110	0.008	0.119	0.032	1.356	1.342	1.332	1.374	1.419	1.266	1.417	1.289	1.187	1.298
,	Right tilted	0.596	0.147	0.119	0.170	0.224	0.102	0.278	0.280	0.123	0.252	0.014	0.743	0.715	0.766	0.729	0.834	0.712	0.888	0.890	0.733	0.862



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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 relects 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 one one 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) 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: CAD.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 www.t (86–512) 62992980 sgs.

www.sgsgroup.com.cn sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.:

115 of 121 Page:

Simultaneous Transmission SAR Summation Scenario for WLAN Body: Body-worn:

Body.	-worn	:																					
						SARm	ax (W/kg)																
Test p	osition	WWAN	WiFi 2.4G Ant7	WiFi 2.4G Ant9	WiFi 2.4G MIMO	WiFi 5G Ant7	WiFi 5G Ant9	WiFi 5G MIMO	WiFi 6E Ant7	WiFi 6E Ant9	WiFi 6E MIMO	BT Ant7					Sum	med S	AR				
		1	2	3	4	5	6	7	9	10	11	8	1+2	1+3	1+4	1+3+8	1+5+8	1+6+8	1+7+8	1+8+9	1+8+10	1+8+11	
	Front side	0.289	0.121	0.044	0.087	0.110	0.113	0.078	0.033	0.006	0.025	0.005	0.410	0.333	0.376	0.338	0.404	0.407	0.372	0.327	0.300	0.319	
GSM850	Back side	0.524	0.290	0.144	0.256	0.290	0.270	0.266	0.242	0.282	0.277	0.020	0.814	0.668	0.780	0.688	0.834	0.814	0.810	0.786	0.826	0.821	
	Front side	0.231	0.121	0.044	0.087	0.110	0.113	0.078	0.033	0.006	0.025	0.005	0.352	0.275	0.318	0.280	0.346	0.349	0.314	0.269	0.242	0.261	
GSM1900	Back side	0.348	0.290	0.144	0.256	0.290	0.270	0.266	0.242	0.282	0.277	0.020	0.638	0.492	0.604	0.512	0.658	0.638	0.634	0.610	0.650	0.645	
WCDMA	Front side	0.239	0.121	0.044	0.087	0.110	0.113	0.078	0.033	0.006	0.025	0.005	0.360	0.283	0.326	0.288	0.354	0.357	0.322	0.277	0.250	0.269	
II	Back side	0.392	0.290	0.144	0.256	0.290	0.270	0.266	0.242	0.282	0.277	0.020	0.682	0.536	0.648	0.556	0.702	0.682	0.678	0.654	0.694	0.689	
WCDMA	Front side	0.178	0.121	0.044	0.087	0.110	0.113	0.078	0.033	0.006	0.025	0.005	0.299	0.222	0.265	0.227	0.293	0.296	0.261	0.216	0.189	0.208	
IV	Back side	0.250	0.290	0.144	0.256	0.290	0.270	0.266	0.242	0.282	0.277	0.020	0.540	0.394	0.506	0.414	0.560	0.540	0.536	0.512	0.552	0.547	
WCDMA	Front side	0.218	0.121	0.044	0.087	0.110	0.113	0.078	0.033	0.006	0.025	0.005	0.339	0.262	0.305	0.267	0.333	0.336	0.301	0.256	0.229	0.248	
V	Back side	0.318	0.290	0.144	0.256	0.290	0.270	0.266	0.242	0.282	0.277	-	0.608		-	0.482	0.628	0.608	0.604	0.580	0.620	0.615	
LTE Band	Front side	0.403	0.121	0.044	0.087	0.110	0.113	0.078	0.033	0.006	0.025	0.005	0.524	0.447	0.490	0.452		0.521	0.486	0.441	0.414	0.433	
2	Back side	0.851	0.290	0.144	0.256	0.290	0.270	0.266	0.242	0.282	0.277	0.020	-	0.995	1.107	1.015	1.161	1.141	1.137	1.113	1.153	1.148	
LTE Band	Front side	0.098	0.121	0.044	0.087	0.110	0.113	0.078	0.033	0.006	0.025	0.005	0.219	0.142	0.185	0.147	0.213	0.216	0.181	0.136	0.109	0.128	
5	Back side	0.155	0.290	0.144	0.256	0.290	0.270	0.266	0.242	0.282	0.277	0.020	0.445	0.299	0.411	0.319	0.465	0.445	0.441	0.417	0.457	0.452	
LTE Band	Front side	0.224	0.121	0.044	0.087	0.110	0.113	0.078	0.033	0.006	0.025	1	0.345		0.311		0.339	0.342	0.307	0.262	0.235	0.254	
12	Back side	0.307	0.290	0.144	0.256	0.290	0.270	0.266	0.242	0.282	0.277	0.020	0.597	0.451	0.563	0.471	0.617	0.597	0.593	0.569	0.609	0.604	
LTE Band	Front side	0.252	0.121	0.044	0.087	0.110	0.113	0.078	0.033	0.006	0.025	0.005	0.373	0.296	0.339	0.301	0.367	0.370	0.335	0.290	0.263	0.282	
14	Back side	0.354	0.290	0.144	0.256	0.290	0.270	0.266	0.242	0.282	0.277	-	0.644				0.664	0.644		0.616	0.656	0.651	
LTE Band	Front side	0.207	0.121	0.044	0.087	0.110	0.113	0.078	0.033	0.006	0.025	0.005	0.328	0.251	0.294	0.256	0.322	0.325	0.290	0.245	0.218	0.237	
26	Back side	0.340	0.290	0.144	0.256	0.290	0.270	0.266	0.242	0.282	0.277		0.630			0.504	0.650	0.630	0.626	0.602	0.642	0.637	
LTE David	Front side	0.294	0.121	0.044	0.087	0.110	0.113	0.078	0.033	0.006	0.025	-	0.415		-	0.343	0.409	0.412	0.377	0.332	0.305	0.324	
LTE Band 30	Back side	1.037	0.290	0.144	0.256	0.290	0.270	0.266	0.242	0.282	0.277	0.020	1.327		1.293	1.201	1.347	1.327	1.323	1.299	1.339	1.334	
LTE David	Front side	0.147	0.121	0.044	0.087	0.110	0.113	0.078	0.033	0.006	0.025	-	0.268		0.234		0.262	0.265		0.185	0.158	0.177	
LTE Band 48	Back side	0.279	0.290	0.144	0.256	0.290	0.270	0.266	0.242	0.282	0.277	1				0.443	0.589	0.569	0.565		0.581	0.576	
	Front side	0.336	0.121	0.044	0.087	0.110	0.113	0.078	0.033	0.006	0.025	-	0.457		-		0.451	0.454	0.419		0.347	0.366	
LTE Band 66	Back side	0.669	0.290	0.144	0.256	0.290	0.270	0.266	0.242	0.282	0.277	-	0.959			0.833	0.979	0.959	0.955		0.971	0.966	
	Front side	0.258	0.121	0.044	0.087	0.110	0.113	0.078	0.033	0.006	0.025	0.005	0.379			0.307	0.373	0.376	0.341	0.296	0.269	0.288	
LTE Band 71	Back side	0.350	0.290	0.144	0.256	0.290	0.270	0.266	0.242	0.282	0.277	-	0.640			0.514		0.640	0.636		0.652	0.647	
50 ND	Front side	0.547	0.121	0.044	0.087	0.110	0.113	0.078	0.033	0.006	0.025	1	0.668			0.596	0.662	0.665	0.630		0.558	0.577	
5G NR n25	Back side	0.828	0.290	0.144	0.256	0.290	0.270	0.266	0.242	0.282	0.277	0.020	1.118		-	0.992	1.138	1.118	1.114	1.090	1.130	1.125	
50 ND	Front side	0.220	0.121	0.044	0.087	0.110	0.113	0.078	0.033	0.006	0.025	0.005		0.264	0.307	0.269	0.335	0.338	0.303	0.258	0.231	0.250	
5G NR n26	Back side	0.350	0.290	0.144	0.256	0.290	0.270	0.266	0.242	0.282	0.277	-	0.640		0.606				0.636		0.652	0.647	
50 ND	Front side	0.162	0.121	0.044	0.087	0.110	0.113	0.078	0.033	0.006	0.025	-	0.283				0.277	0.280	0.245		0.173	0.192	
5G NR n30	Back side	0.581	0.290	0.144	0.256	0.290	0.270	0.266	0.242	0.282	0.277	-	0.871		-	0.745	0.891	0.871	0.867	0.843	0.883	0.878	
50 ND	Front side	0.321	0.121	0.044	0.087	0.110	0.113	0.078	0.033	0.006	0.025	0.005		0.365	0.408	0.370	0.436	0.439	0.404	0.359	0.332	0.351	
5G NR n41	Back side	1.234	0.290	0.144	0.256	0.290	0.270	0.266	0.242	0.282	0.277	0.020		1.378	1.490	1.398	1.544	1.524	1.520	1.496	1.536	1.531	
50 ND	Front side	0.312	0.121	0.044	0.087	0.110	0.113	0.078	0.033	0.006							0.427					0.342	
5G NR n48	Back side	0.576	0.290	0.144	0.256	0.290	0.270	0.266	0.242	0.282	0.277	_	-		-		0.886			0.838		0.873	
50 ND	Front side	0.321	0.121	0.044	0.087	0.110	0.113	0.078	0.033	0.006	0.025	-					0.436					0.351	
5G NR n66	Back side	0.642	0.121	0.144	0.256	0.110	0.113	0.078	0.033	0.282	0.023		-		-				0.404		0.944	0.939	
	Front side	0.284	0.121	0.044	0.087	0.110	0.113	0.078	0.033	0.006	0.025	-					0.399		0.367	_	0.295	0.314	
5G NR n70	Back side	0.608	0.121	0.144	0.256	0.110	0.113	0.078	0.033	0.282	0.023	-	-		-		0.918			0.870		0.905	
	Front side	0.608	0.290	0.144	0.236	0.290	0.270	0.200	0.242	0.202	0.277	1					0.336		0.304		0.910	0.903	
5G NR n71	Back side	0.301	0.121	0.044	0.067	0.110	0.113	0.078	0.033	0.006	0.025	-	0.591						0.587		0.603	0.598	
5G NR	Front side	0.301	0.290	0.144	0.256	0.290	0.270	0.266	0.242	0.282	0.277	1	0.591						0.587		0.603	0.598	
n77																							
(3450- 3550)	Back side	0.796	0.290	0.144	0.256	0.290	0.270	0.266	0.242	0.282	0.277	0.020	1.086	0.940	1.052	0.960	1.106	1.086	1.082	1.058	1.098	1.093	
	Front side	0.524	0.121	0.044	0.087	0.110	0.113	0.078	0.033	0.006	0.025	0.005	0.645	0.568	0.611	0.573	0.639	0.642	0.607	0.562	0.535	0.554	



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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@ass.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 www.sgsgroup.com.cn sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 116 of 121

5G NF	: [l																				
n77	Back side	1.097	0.290	0.144	0.256	0.290	0.270	0.266	0.242	0.282	0.277	0 020	1 387	1 241	1 353	1.261	1 407	1.387	1 383	1.359	1.399	1.394
(3700-	Buok side	1.007	0.200	0.144	0.200	0.200	0.270	0.200	0.E-E	0.202	0.211	0.020	1.007	1.241	1.000	1.201	1.407	1.007	1.000	1.000	1.000	1.004
3980)																						

Hotspot:

Hotspo	••					SA	Rmax (W/kg)														
Test po	sition	WWAN	WiFi 2.4G Ant7	WiFi 2.4G Ant9	WiFi 2.4G MIMO	WiFi 5G Ant7	WiFi 5G Ant9	WiFi 5G MIMO	WiFi 6E Ant7	WiFi 6E Ant9	WiFi 6E MIMO	BT Ant7					Sum	med S/	AR			
		1	2	3	4	5	6	7	9	10	11	8	1+2	1+3	1+4	1+3+8	1+5+8	1+6+8	1+7+8	1+8+0	1+8+10	1+8+11
	Front side	0.533	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.038	0.008				0.626	0.632	_		0.577	0.549	0.579
	Back side	1.062	0.278	0.284	0.249	0.288	0.000	0.298	0.266	0.308	0.294	0.010				1.356	1.360	_		1.338	1.380	1.366
	Left side	0.301	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.301		_		0.301	0.301		0.301	0.301	0.301
GSM850	Right side	0.393	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044	0.016	_		_	0.596	0.482	0.648		0.451	0.553	0.453
	Top side	0.000	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163		0.088				0.217	_		0.112	0.008	0.171
	Bottom side	0.544	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.544		_	0.544	0.544	0.544	0.544	0.544	0.544	0.544
	Front side	0.416	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.038	0.008	0.522	0.501	0.505	0.509	0.515	0.484	0.503	0.460	0.432	0.462
	Back side	0.690	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294		0.968		_	_	0.988	0.975	0.998	0.966	1.008	0.994
	Left side	0.388	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.388	0.388	0.388	0.388	0.388	0.388	0.388	0.388	0.388	0.388
GSM1900	Right side	0.000	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044	0.016	0.149	0.187	0.188	0.203	0.089	0.255	0.148	0.058	0.160	0.060
	Top side	0.000	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163	0.008	0.088	0.000	0.066	0.008	0.217	0.008	0.247	0.112	0.008	0.171
	Bottom side	0.486	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.486	0.486	0.486	0.486	0.486	0.486	0.486	0.486	0.486	0.486
	Front side	0.417	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.038	0.008	0.523	0.502	0.506	0.510	0.516	0.485	0.504	0.461	0.433	0.463
	Back side	0.750	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294	0.010	1.028	1.034	0.999	1.044	1.048	1.035	1.058	1.026	1.068	1.054
	Left side	0.283	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.283	0.283	0.283	0.283	0.283	0.283	0.283	0.283	0.283	0.283
WCDMA II	Right side	0.000	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044	0.016	0.149	0.187	0.188	0.203	0.089	0.255	0.148	0.058	0.160	0.060
	Top side	0.000	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163	0.008	0.088	0.000	0.066	0.008	0.217	0.008	0.247	0.112	0.008	0.171
	Bottom side	0.381	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381	0.381
	Front side	0.298	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.038	0.008	0.404	0.383	0.387	0.391	0.397	0.366	0.385	0.342	0.314	0.344
	Back side	0.565	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294	0.010	0.843	0.849	0.814	0.859	0.863	0.850	0.873	0.841	0.883	0.869
WCDMA IV	Left side	0.317	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.317	0.317	0.317	0.317	0.317	0.317	0.317	0.317	0.317	0.317
WCDINA IV	Right side	0.000	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044	0.016	0.149	0.187	0.188	0.203	0.089	0.255	0.148	0.058	0.160	0.060
	Top side	0.000	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163	0.008	0.088	0.000	0.066	0.008	0.217	0.008	0.247	0.112	0.008	0.171
	Bottom side	0.337	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.337	0.337	0.337	0.337	0.337	0.337	0.337	0.337	0.337	0.337
	Front side	0.344	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.038	0.008	0.450	0.429	0.433	0.437	0.443	0.412	0.431	0.388	0.360	0.390
	Back side	0.666	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294	0.010	0.944	0.950	0.915	0.960	0.964	0.951	0.974	0.942	0.984	0.970
WCDMA V	Left side	0.089	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.089	0.089	0.089	0.089	0.089	0.089	0.089	0.089	0.089	0.089
	Right side	0.256	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044	0.016	0.405	0.443	0.444	0.459	0.345	0.511	0.404	0.314	0.416	0.316
	Top side	0.000	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163	0.008	0.088	0.000	0.066	0.008	0.217	0.008	0.247	0.112	0.008	0.171
	Bottom side	0.263	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263	0.263
	Front side	0.599	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.038	0.008	0.705	0.684	0.688	0.692	0.698	0.667	0.686	0.643	0.615	0.645
	Back side	1.213	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294	0.010	1.491	1.497	1.462	1.507	1.511	1.498	1.521	1.489	1.531	1.517
LTE Band 2	Left side	0.346	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000				0.346	0.346	_		0.346	0.346	0.346
	Right side	0.000	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044	0.016	0.149		_		0.089			0.058	0.160	0.060
	Top side	1.048	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163	0.008	1.136	1.048	1.114	1.056	1.265	1.056	1.295	1.160	1.056	1.219
	Bottom side	0.363	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000					0.363				0.363	0.363	0.363
	Front side	0.180	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	1							0.248			0.196	0.226
	Back side	0.325	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294		_		_			0.610			0.643	0.629
LTE Band 5	Left side	0.093	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000						0.093		0.093		0.093	0.093
	Right side	0.000	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044		_		_			0.255		0.058	0.160	0.060
	Top side	0.234	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163				_		0.451	0.242		0.346	0.242	0.405
	Bottom side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		_		_	0.000			0.000		0.000	0.000
LTE Band 12	Front side	0.295	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.038				_		0.394	_		0.339	0.311	0.341
	Back side	0.540	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294	0.010	0.818	0.824	0.789	0.834	0.838	0.825	0.848	0.816	0.858	0.844



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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 relects 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 one one 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) 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: CAD.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pllot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜裔1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 www.sgsgroup.com. t (86–512) 62992980 sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 117 of 121

ĺ	Left side	0.185	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.185	0.185	0.185	0.185	0.185	0.185	0.185	0.185	0.185	0.185
	Right side	0.000	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044		-			0.203				0.058	0.160	0.060
	Top side	0.000	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163	0.008	0.088	0.000	0.066	0.008	0.217	0.008	0.247	0.112	0.008	0.171
	Bottom side	0.265	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265	0.265
	Front side	0.309	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.038	0.008	0.415	0.394	0.398	0.402	0.408	0.377	0.396	0.353	0.325	0.355
	Back side	0.561	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294	0.010	0.839	0.845	0.810	0.855	0.859	0.846	0.869	0.837	0.879	0.865
LTC D 444	Left side	0.131	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.131	0.131	0.131	0.131	0.131	0.131	0.131	0.131	0.131	0.131
LTE Band 14	Right side	0.000	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044	0.016	0.149	0.187	0.188	0.203	0.089	0.255	0.148	0.058	0.160	0.060
	Top side	0.000	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163	0.008	0.088	0.000	0.066	0.008	0.217	0.008	0.247	0.112	0.008	0.171
	Bottom side	0.278	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.278	0.278	0.278	0.278	0.278	0.278	0.278	0.278	0.278	0.278
	Front side	0.421	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.038	0.008	0.527	0.506	0.510	0.514	0.520	0.489	0.508	0.465	0.437	0.467
	Back side	0.866	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294	0.010	1.144	1.150	1.115	1.160	1.164	1.151	1.174	1.142	1.184	1.170
LTE Band 26	Left side	0.247	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.247	0.247	0.247	0.247	0.247	0.247	0.247	0.247	0.247	0.247
	Right side	0.000	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044	0.016	0.149	0.187	0.188	0.203	0.089	0.255	0.148	0.058	0.160	0.060
	Top side	0.000	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163	0.008	0.088	0.000	0.066	0.008	0.217			0.112	0.008	0.171
	Bottom side	0.398	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.398	0.398	0.398	0.398	0.398	0.398	0.398	0.398	0.398	0.398
	Front side	0.347	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.038					0.440				0.391	0.363	0.393
	Back side	1.254	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294		-	_		1.548	1.552		1.562	1.530	1.572	1.558
LTE Band 30	Left side	0.075	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000					0.075				0.075	0.075	0.075
	Right side	0.000	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044		0.149	_			0.089			0.058	0.160	0.060
	Top side	1.197	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163		1.285				1.414	1.205	1.444	1.309	1.205	1.368
	Bottom side	0.917	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.917				0.917			0.917	0.917	0.917
	Front side	0.239	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.038		0.345	_			0.338			0.283	0.255	0.285
	Back side	0.487	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294		0.765	_			0.785	0.772	-	0.763	0.805	0.791
LTE Band 48	Left side	0.593	0.149	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000					0.203			0.393		0.593	0.593
	Right side Top side	0.000	0.149	0.000	0.066	0.073	0.239	0.132	0.042	0.000	0.163		-	_		0.203		0.255		0.292	0.188	0.351
	Bottom side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000					0.000				0.000	0.000	0.000
	Front side	0.504	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.000		0.610	_			0.603	0.572		0.548	0.520	0.550
	Back side	1.145	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294		-	1.429			1.443	1.430	1.453	1.421	1.463	1.449
	Left side	0.290	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000					0.290				0.290	0.290	0.290
LTE Band 66	Right side	0.000	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044		0.149	_			0.089		-	0.058	0.160	0.060
	Top side	0.584	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163	0.008	0.672	0.584	0.650	0.592	0.801	0.592	0.831	0.696	0.592	0.755
	Bottom side	0.425	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.425	0.425	0.425	0.425	0.425	0.425	0.425	0.425	0.425	0.425
	Front side	0.212	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.038	0.008	0.318	0.297	0.301	0.305	0.311	0.280	0.299	0.256	0.228	0.258
	Back side	0.346	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294	0.010	0.624	0.630	0.595	0.640	0.644	0.631	0.654	0.622	0.664	0.650
LTC D 4 74	Left side	0.176	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.176	0.176	0.176	0.176	0.176	0.176	0.176	0.176	0.176	0.176
LTE Band 71	Right side	0.000	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044	0.016	0.149	0.187	0.188	0.203	0.089	0.255	0.148	0.058	0.160	0.060
	Top side	0.000	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163	0.008	0.088	0.000	0.066	0.008	0.217	0.008	0.247	0.112	0.008	0.171
	Bottom side	0.186	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186	0.186
	Front side	0.608	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.038	0.008	0.714	0.693	0.697	0.701	0.707	0.676	0.695	0.652	0.624	0.654
	Back side	1.266	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294	0.010	1.544	1.550	1.515	1.560	1.564	1.551	1.574	1.542	1.584	1.570
5G NR n25	Left side	0.366	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.366	0.366	0.366	0.366	0.366	0.366	0.366	0.366	0.366	0.366
	Right side	0.000	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044	0.016	0.149	0.187	0.188	0.203	0.089	0.255	0.148	0.058	0.160	0.060
	Top side	1.080	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163	800.0	1.168	1.080	1.146	1.088	1.297	1.088	1.327	1.192	1.088	1.251
	Bottom side	0.413	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		_	_		_			0.413		0.413	0.413
	Front side	0.323	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.038		-	_					0.410		0.339	0.369
	Back side	0.628	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294					0.922			0.936		0.946	0.932
5G NR n26	Left side	0.191	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.191	_				0.191		0.191	0.191	0.191
	Right side	0.000	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044		-	_					0.148		0.160	0.060
	Top side	0.000	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163							0.008		0.112	0.008	0.171
	Bottom side		0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		-	_					0.300		0.300	0.300
FO ND OO	Front side	0.307	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.038					0.400		0.375		0.351	0.323	0.353
5G NR n30	Back side	1.195	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294					1.489				1.471	1.513	1.499
	Left side	0.063	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	U.UUC	0.063	U.U63	v.U63	0.063	U.U63	0.063	0.063	0.063	0.063	0.063



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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 relects 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 one one 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) 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: CAD.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pllot Free Trade Zone 215000 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜裔1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 sq



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 118 of 121

Í	Right side	0.000	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044	0 016	0 149	0 187	O 188	0 203	0.089	0 255	0 148	0 058	0.160	0.060
	Top side	1.079	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163			1.079		1.087	1.296		1.326	1.191	1.087	1.250
	Bottom side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			0.000		0.000	0.000			0.000	0.000	0.000
	Front side	0.321	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.038			0.406			0.420	0.389	0.408	0.365	0.337	0.367
	Back side	1.217	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294	0.010	1.495	1.501	1.466	1.511	1.515	1.502	1.525	1.493	1.535	1.521
	Left side	0.203	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.203	0.203	0.203	0.203	0.203	0.203	0.203	0.203	0.203	0.203
5G NR n41	Right side	0.158	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044	0.016	0.307	0.345	0.346	0.361	0.247	0.413	0.306	0.216	0.318	0.218
	Top side	0.966	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163	0.008	1.054	0.966	1.032	0.974	1.183	0.974	1.213	1.078	0.974	1.137
	Bottom side	1.078	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.078	1.078	1.078	1.078	1.078	1.078	1.078	1.078	1.078	1.078
	Front side	0.495	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.038	0.008	0.601	0.580	0.584	0.588	0.594	0.563	0.582	0.539	0.511	0.541
	Back side	0.920	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294	0.010	1.198	1.204	1.169	1.214	1.218	1.205	1.228	1.196	1.238	1.224
	Left side	1.180	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180	1.180
5G NR n48	Right side	0.000	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044	0.016	0.149	0.187	0.188	0.203	0.089	0.255	0.148	0.058	0.160	0.060
	Top side	0.299	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163	0.008	0.387	0.299	0.365	0.307	0.516	0.307	0.546	0.411	0.307	0.470
	Bottom side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Front side	0.558	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.038	0.008	0.664	0.643	0.647	0.651	0.657	0.626	0.645	0.602	0.574	0.604
	Back side	1.191	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294	0.010	1.469	1.475	1.440	1.485	1.489	1.476	1.499	1.467	1.509	1.495
5G NR n66	Left side	0.311	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311	0.311
3G NK 1100	Right side	0.000	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044	0.016	0.149	0.187	0.188	0.203	0.089	0.255	0.148	0.058	0.160	0.060
	Top side	0.602	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163	0.008	0.690	0.602	0.668	0.610	0.819	0.610	0.849	0.714	0.610	0.773
	Bottom side	0.347	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.347	0.347	0.347	0.347	0.347	0.347	0.347	0.347	0.347	0.347
	Front side	0.482	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.038	0.008	0.588	0.567	0.571	0.575	0.581	0.550	0.569	0.526	0.498	0.528
	Back side	1.138	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294	0.010	1.416	1.422	1.387	1.432	1.436	1.423	1.446	1.414	1.456	1.442
5G NR n70	Left side	0.309	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309	0.309
30 14171170	Right side	0.000	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044	0.016	0.149	0.187	0.188	0.203	0.089	0.255	0.148	0.058	0.160	0.060
	Top side	0.515	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163	0.008	0.603	0.515	0.581	0.523	0.732	0.523	0.762	0.627	0.523	0.686
	Bottom side	0.389	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389	0.389
	Front side	0.218	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.038	0.008	0.324	0.303	0.307	0.311	0.317	0.286	0.305	0.262	0.234	0.264
	Back side	0.360	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294	0.010	0.638	0.644	0.609	0.654	0.658	0.645	0.668	0.636	0.678	0.664
5G NR n71	Left side	0.166	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166	0.166
	Right side	0.000	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044	0.016		_		0.203	0.089	0.255	0.148	0.058	0.160	0.060
	Top side	0.000	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163	0.008	0.088	0.000	0.066	0.008	0.217	0.008	0.247	0.112	0.008	0.171
	Bottom side	0.215	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	_	0.215	_		0.215	0.215	_	0.215	0.215	0.215	0.215
	Front side	0.345	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.038		0.451				0.444			0.389	0.361	0.391
	Back side	0.799	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294		1.077	1.083			1.097	1.084	1.107	1.075	1.117	1.103
5G NR n77 (3450-3550)	Left side	0.667	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000			0.667		0.667	0.667	0.667		0.667	0.667	0.667
(3430-3330)	Right side	0.083	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044	_	_	_		0.286				0.141	0.243	0.143
	Top side	0.198	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163					0.206				0.310	0.206	0.369
	Bottom side	0.129	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		0.129				0.129	0.129	0.129	0.129	0.129	0.129
	Front side	0.622	0.106	0.085	0.089	0.091	0.060	0.079	0.036	0.008	0.038					0.715	0.721		_	0.666	0.638	0.668
	Back side	1.166	0.278	0.284	0.249	0.288	0.275	0.298	0.266	0.308	0.294	0.010		1.450		1.460	1.464	1.451	1.474	1.442	1.484	1.470
5G NR n77 (3700-3980)	Left side	1.091	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000		1.091		1.091	1.091	1.091	1.091	1.091	1.091	1.091	1.091
(0700-0000)	Right side	0.509	0.149	0.187	0.188	0.073	0.239	0.132	0.042	0.144	0.044			0.696		0.712	0.598		0.657	0.567	0.669	0.569
	Top side	0.472	0.088	0.000	0.066	0.209	0.000	0.239	0.104	0.000	0.163			0.472		0.480	0.689	0.480	0.719	0.584	0.480	0.643
<u> </u>	Bottom side	0.361	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	U.UU0	0.361	U.361	v.361	U.361	0.361	0.361	0.361	0.361	0.361	0.361

Handheld:

Test position		SARmax (W/kg)								
		WWAN	WiFi 2.4G MIMO	WiFi 5G Ant7	WiFi 5G Ant9	WiFi 5G MIMO	Summed SAR			
		1	4	5	6	7	1+4	1+5	1+6	1+8
LTE Band 2	Front side	0.000	0.000	0.516	0.266	0.458	0.000	0.516	0.266	0.458
	Back side	1.787	0.771	0.951	0.000	0.865	2.558	2.738	1.787	2.652



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indeminification 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 faistification 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) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-75) 8307 1443, or email: CM.Doccheck@esgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜裔1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 sgs.

sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 119 of 121

	Left side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Right side	0.000	0.000	0.296	0.898	1.572	0.000	0.296	0.898	1.572
	Top side	1.644	0.000	0.890	0.000	0.656	1.644	2.534	1.644	2.300
	Bottom side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Front side	0.000	0.000	0.516	0.266	0.458	0.000	0.516	0.266	0.458
	Back side	2.498	0.000	0.951	0.000	0.436	3.269	3.449	2.498	3.363
	Left side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 30	Right side	0.000	0.000	0.296	0.898	1.572	0.000	0.000	0.898	1.572
	Top side	2.596	0.000	0.890	0.000	0.656	2.596	3.486	2.596	3.252
	Bottom side	2.120	0.000	0.000	0.000	0.000	2.120	2.120	2.120	2.120
	Front side	0.000	0.000	0.516	0.266	0.458	0.000	0.516	0.266	0.458
	Back side	1.984	0.000	0.951	0.000	0.436	2.755	2.935	1.984	2.849
	Left side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
LTE Band 66	Right side	0.000	0.000	0.296	0.898	1.572	0.000	0.000	0.898	1.572
	Top side	0.000	0.000	0.290	0.000	0.656	0.000	0.290	0.000	0.656
	Bottom side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Front side	0.000	0.000	0.516	0.266	0.458	0.000	0.516	0.000	0.000
		2.318	0.771	0.951	0.000	0.436	3.089	3.269	2.318	3.183
	Back side Left side	0.000	0.000	0.000	0.000		0.000	0.000	0.000	0.000
5G NR n25		0.000				0.000				1.572
	Right side		0.000	0.296	0.898	1.572	0.000	0.296	0.898	
	Top side	2.924 0.000	0.000	0.890 0.000	0.000	0.656 0.000	2.924 0.000	3.814 0.000	2.924 0.000	3.580 0.000
	Bottom side	0.000	0.000	0.000	0.000					
	Front side					0.458	0.000	0.516	0.266	0.458
	Back side	1.889 0.000	0.771	0.951 0.000	0.000	0.865	2.660 0.000	2.840 0.000	1.889 0.000	2.754 0.000
5G NR n30	Left side Right side	0.000	0.000	0.000	0.000	0.000 1.572	0.000	0.000	0.898	1.572
	Top side	2.598	0.000	0.296	0.898	0.656	2.598	3.488	2.598	3.254
	Bottom side	0.000		0.000	0.000		0.000	0.000	0.000	
	Front side	0.000	0.000	0.000	0.266	0.000 0.458	0.000	0.000	0.000	0.000 0.458
		3.030	0.771	0.951	0.266	0.456		3.981		3.895
	Back side Left side	0.000	0.000	0.000	0.000	0.000	3.801 0.000	0.000	3.030 0.000	0.000
5G NR n41	Right side	0.000	0.000	0.296	0.898	1.572	0.000	0.000	0.898	1.572
	Top side	2.332	0.000	0.290	0.000	0.656	2.332	3.222	2.332	2.988
	Bottom side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Front side	0.000	0.000	0.516	0.266	0.458	0.000	0.516	0.000	0.000
	Back side	2.194	0.000	0.951	0.000	0.436	2.965	3.145	2.194	3.059
	Left side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
5G NR n66	Right side	0.000	0.000	0.296	0.898	1.572	0.000	0.296	0.898	1.572
	Top side	0.000	0.000	0.890	0.000	0.656	0.000	0.890	0.000	0.656
	Bottom side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	Front side	0.000	0.000	0.516	0.266	0.458	0.000	0.516	0.000	0.458
	Back side	1.864	0.000	0.951	0.200	0.436	2.635	2.815	1.864	2.729
5G NR n77	Left side	2.579	0.000	0.000	0.000	0.000	2.579	2.579	2.579	2.729
(3700-3980)	Right side	0.000	0.000	0.000	0.898	1.572	0.000	0.296	0.898	1.572
(0700-000)	Top side	0.000	0.000	0.290	0.000	0.656	0.000	0.290	0.000	0.656
	Bottom side	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
	BOLLOTTI SIGE	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000



Unless otherwise agreed in writing, 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.aspx 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.aspx. Attention is drawn to the limitation of liability, indeminification 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 faistification 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) are retained for 30 days only.

Attention: To check the authenticity of testing /inspection report & certificate, please contact us at telephone: (86-75) 8307 1443, or email: CM.Doccheck@esgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suchou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 中国 - 苏州 - 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜裔1号的6号厂房南部 邮编: 215000

t (86–512) 62992980 www.sgsgroup.com. t (86–512) 62992980 sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.:

120 of 121 Page:

Equipment list

10	Equipment list										
	Test Platform	SPEAG DASY8 Professional									
	Description	SAR Test System (Frequency range 10MHz-10GHz)									
	Software Reference DASY8 Module SAR V16.2.0.1425										
Hardware Reference											
	Equipment	Manufacturer	Model	Serial Number	Calibration Date	Due date of calibration					
\boxtimes	Twin Phantom	SPEAG	SAM 3	1770	NCR	NCR					
\boxtimes	Twin Phantom	SPEAG	Twin-SAM V8.0	2103	NCR	NCR					
\boxtimes	Twin Phantom	SPEAG	EL4	1143	NCR	NCR					
\boxtimes	DAE	SPEAG	DAE4	1374	2023-06-05	2024-06-04					
	DAE	SPEAG	DAE4	1324	2022-10-17	2023-10-16					
\boxtimes	E-Field Probe	SPEAG	EX3DV4	3793	2022-09-30	2023-09-29					
	Validation Kits	SPEAG	CLA-13	1032	2023-02-09	2024-02-08					
	Validation Kits	SPEAG	D750V3	1210	2021-09-08	2024-09-07					
	Validation Kits	SPEAG	D835V2	4d161	2020-08-28	2023-08-27					
	Validation Kits	SPEAG	D835V2	4d161	2023-08-25	2024-08-24					
	Validation Kits	SPEAG	D1750V2	1038	2021-12-16	2024-12-15					
	Validation Kits	SPEAG	D1950V3	1218	2023-05-04	2024-05-03					
	Validation Kits	SPEAG	D2300V2	1072	2022-06-16	2024-06-15					
	Validation Kits	SPEAG	D2450V2	922	2023-08-28	2024-08-27					
	Validation Kits	SPEAG	D2600V2	1180	2021-05-12	2024-05-11					
	Validation Kits	SPEAG	D3500V2	1124	2021-05-17	2024-05-16					
	Validation Kits	SPEAG	D3700V2	1094 2021-05-17		2024-05-16					
	Validation Kits	SPEAG	D3900V2	1071	2021-05-20	2024-05-19					
	Validation Kits	SPEAG	D5GHzV2	1313	2022-01-25	2025-01-24					
	Validation Kits	SPEAG	D6.5GHzV2	1030	2021-03-01	2024-02-29					
	Dielectric parameter probes	SPEAG	DAKS-12	1043	2023-07-31	2024-07-30					
\boxtimes	Vector Network Analyzer and Vector Reflectometer	SPEAG	DAKS_VNA R60	21423005	2023-07-31	2024-07-30					
\boxtimes	Dielectric parameter probes	SPEAG	DAKS-3.5	1120	2023-06-06	2024-06-05					
\boxtimes	Vector Network Analyzer and Vector Reflectometer	SPEAG	DAKS_VNA R140	0050920	2023-06-06	2024-06-05					
\boxtimes	Universal Radio Communication Tester	R&S	CMW500	111637	2022-09-26	2023-09-26					
\boxtimes	RF Bi-Directional Coupler	Agilent	86205-60001	MY31400031	NCR	NCR					
	Signal Generator	R&S	SMB100A	182393	2023-02-06	2024-02-05					
	Preamplifier	Qiji	YX28980933	202104001	NCR	NCR					
\boxtimes	Power Sensor	Keysight	U2002H	MY48200110 2022-12-23		2023-12-22					
	Attenuator	SHX	TS2-3dB	30704	NCR	NCR					
	Coaxial low pass filter	Mini-Circuits	VLF-2500(+)	NA	NCR	NCR					



Unless otherwise agreed in writing, 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.aspx 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.aspx. 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 relects 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 one one 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) 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: CAD.Doccheck@sgs.com

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000 中国 • 苏州 • 中国(江苏)自由贸易试验区苏州片区苏州工业园区润胜路1号的6号厂房南部 邮编: 215000

sgs.china@sgs.com



Report No.: SEWM2308000313RG10

Rev.: 01

Page: 121 of 121

	Coaxial low pass filter	Microlab Fxr	LA-F13	NA	NCR	NCR	
\boxtimes	DC POWER SUPPLY	SAKO	SK1730SL5A	NA	NCR	NCR	
\boxtimes	Speed reading thermometer	LKM	DTM3000	SUW201-30-01	2022-09-19	2023-09-18	
\boxtimes	Speed reading thermometer	LKM	DTM3000	SUW201-19-02	2023-09-15	2024-09-14	
\boxtimes	Humidity and Temperature Indicator	MingGao	MingGao	NA	2022-09-19	2023-09-18	
\boxtimes	Humidity and Temperature Indicator	MingGao	MingGao	NA	2023-09-15	2024-09-14	

Note: All the equipments are within the valid period when the tests are performed.

11 Calibration certificate

Please see the Appendix C

12 Photographs

Please see the Appendix D

Appendix A: Detailed System Check Results

Appendix B: Detailed Test Results

Appendix C: Calibration certificate

Appendix D: Photographs

Appendix E: Conducted RF Output Power

---END---



Unless otherwise agreed in writing, this document is issued by the Company subject to its General Conditions of Service printe overleaf, available on request or accessible at http://www.sgs.com/en/Terms-and-Conditions.aspx and, for electronic format documents subject to Terms and Conditions for Electronic Documents at http://www.sgs.com/en/Terms-and-Conditions/Terms-en-Document.aspx Attention is a 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: transaction from exercising all their rights and obligations under the transaction documents. This document cannot be reproduce except in full, without prior written approval of the Company. Any unauthorized alteration, forgery or falsification of the content of 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) lest extained for 30 days only.

South of No. 6 Plant, No. 1, Runsheng Road, Suzhou Industrial Park, Suzhou Area, China (Jiangsu) Pilot Free Trade Zone 215000

000 t (86–512) 62992980