

RF Exposure report



The following samples were submitted and identified on behalf of the client as:

Product Name Smart Phone
Brand Name SHARP
Applicant SHARP Corporation Mobile Communication BU
2-13-1 Iida Hachihonmatsu, Higashi-hiroshima city,
Hiroshima, 739-0192, Japan
Manufacturer Sharp Corporation
1 Takumi-cho, Sakai-ku, Sakai City, Osaka 590-8522,
Japan
Standards IEEE/ANSI C95.1-1992, IEEE 1528-2013
FCC ID APYHRO00332
Date of EUT Receipt Apr. 24, 2024
Date of Test(s) Apr. 30, 2024 ~ May 09, 2024
Date of Issue Jun. 07, 2024

In the configuration tested, the EUT complied with the standards specified above.

Remarks:

This report details the results of the testing carried out on one sample, the results contained in this test report do not relate to other samples of the same product. The manufacturer should ensure that all products in series production are in conformity with the product sample detailed in this report.

This report may only be reproduced and distributed in full. If the product in this report is used in any configuration other than that detailed in the report, the manufacturer must ensure the new system complies with all relevant standards. Any mention of SGS Taiwan Ltd. Central RF Lab or testing done by SGS Taiwan Ltd. Central RF Lab in connection with distribution or use of the product described in this report must be approved by SGS Taiwan Ltd. Central RF Lab in writing.

Signed on behalf of SGS

Clerk / Cindy Chou	PM / Bond Tsai	Approved By / John Yeh

Date: Jun. 07, 2024

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Revision History

Report Number	Revision	Description	Issue Date	Revised By	Remark
TESA2404000214E5	00	Initial creation of document	May 21, 2024	Cindy Chou	
TESA2404000214E5	01	Modify comment	Jun. 07, 2024	Cindy Chou	*

Note:

1. The mark " * " is the revised version of the report due to comments submitted by the certification.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Contents

1	GENERAL INFORMATION	5
1.1	Test Methodology	5
1.2	Description of EUT.....	6
1.3	Maximum value	8
1.4	Antenna Information.....	9
2	MEASUREMENT SYSTEM	10
2.1	Test Facility	10
2.2	SAR System	11
3	SAR SYSTEM VERIFICATION.....	14
3.1	Tissue Simulating Liquid.....	14
3.2	Tissue Simulant Liquid measurement	14
3.3	Measurement results of Tissue Simulant Liquid.....	15
3.4	The composition of the tissue simulating liquid:.....	19
3.5	System check.....	19
3.6	System check results	20
4	TEST CONFIGURATIONS	21
4.1	Test Environment.....	21
4.2	Test Note.....	21
4.3	Test position.....	27
4.4	Test limit	29
5	MAXIMUM OUTPUT POWER	32
5.1	GSM/GPRS	32
5.2	WCDMA.....	34
5.3	FDD LTE	35
5.4	TDD LTE	69
5.5	LTE Intra-Band UL CA.....	75
5.6	FDD NR	76
5.7	TDD NR	80
5.8	WLAN	83
5.9	Bluetooth	88
5.10	BLE.....	88
6	DUTY CYCLE	89
7	SUMMARY OF RESULTS	93
7.1	Decision rules	93
7.2	Summary of SAR Results.....	93
7.3	Reporting statements of conformity	109
7.4	Conclusion	109
8	SIMULTANEOUS TRANSMISSION ANALYSIS.....	110
8.1	Simultaneous Transmission Scenarios:	110
8.2	Estimated SAR calculation	111
8.3	SPLSR evaluation and analysis.....	111
8.4	Conclusion	116
9	INSTRUMENTS LIST	117
10	UNCERTAINTY BUDGET.....	118

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

11	SAR MEASUREMENT RESULTS	120
12	SAR SYSTEM CHECK RESULTS	198
13	APPENDIXES	212
13.1	SAR_Appendix A Photographs	212
13.2	SAR_Appendix B DAE & Probe Cal. Certificate	212
13.3	SAR_Appendix C Phantom Description & Dipole Cal. Certificate	212

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

1 GENERAL INFORMATION

1.1 Test Methodology

The SAR testing method and procedure for this device is in accordance with the following standards:

IEEE/ANSI C95.1-1992

IEEE 1528-2013

KDB447498D01v06

KDB865664D01v01r04

KDB865664D02v01r02

KDB648474D04v01r03

KDB941225D06v02r01

KDB941225D01v03r01

KDB941225D05v02r05

KDB941225D05Av01r02

KDB248227D01v02r01

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

1.2 Description of EUT

Product Name	Smart Phone	
Brand Name	SHARP	
FCC ID	APYHRO00332	
Duty Cycle	GSM (DTM multi class B)	1/8.3
	GPRS (support multi class 12 max)	1/2 (1Dn4UP) 1/2.76 (1Dn3UP) 1/4.1 (1Dn2UP) 1/8.3 (1Dn1UP)
	WCDMA	1
	LTE FDD	1
	LTE TDD	0.633
	5G NR	50%
	WLAN802.11	Please refer to section 7
	Bluetooth	Please refer to section 7
Supported radios (TX Frequency Range, MHz)	GSM850	824-849
	GSM1900	1850-1910
	WCDMA Band II	1850-1910
	WCDMA Band IV	1710-1755
	WCDMA Band V	824-849
	LTE FDD Band 2	1850-1910
	LTE FDD Band 4	1710-1755
	LTE FDD Band 5	824-849
	LTE FDD Band 7	2500-2570
	LTE FDD Band 12	699-716
	LTE FDD Band 13	777-787
	LTE FDD Band 17	704-716
	LTE TDD Band 38	2570-2620

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

Supported radios (TX Frequency Range, MHz)	LTE TDD Band 41	2496-2690
	LTE FDD Band 66	1710-1780
	n5	824-849
	n41	2496-2690
	n66	1710-1780
	802.11 b/g/n/ax/be	2.4GHz (2400.0 – 2483.5 MHz)
	802.11a/n/ac/ax/be	5.2GHz (5150.0 –5350.0 MHz) 5.6GHz (5470.0 – 5725.0 MHz) 5.8GHz (5725.0 – 5850.0 MHz)
	Bluetooth	2.4GHz (2400.0 – 2483.5 MHz)

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

1.3 Maximum value

Head

Summary of Maximum SAR	
Mode	Highest SAR 1g (W/kg)
WCDMA Band V	0.23
Bluetooth(GFSK)	0.44
2.4G WLAN	0.15
5G WLAN	0.15

Body

Summary of Maximum SAR	
Mode	Highest SAR 1g (W/kg)
WCDMA Band II	0.56
Bluetooth(GFSK)	0.10
2.4G WLAN	0.09
5G WLAN	0.10

Limb

Summary of Maximum SAR	
Mode	Highest SAR 10g (W/kg)
5G WLAN	0.13

Hotspot

Summary of Maximum SAR	
Mode	Highest SAR 1g (W/kg)
GPRS850 <1Dn4Up>	0.56
Bluetooth(GFSK)	0.16
2.4G WLAN	0.09
5G WLAN	0.06

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

1.4 Antenna Information

WWAN

Antenna	WWAN								
Frequency(MHz)	12	17	13			5	4	66	2
	699~716	704~716	777~787			824~849	1710~1755	1710~1780	1850~1910
Gain (dBi)	-4.20	-4.20	-2.50			-3.90	-3.10	-0.90	-1.20
Frequency(MHz)	30	41	7	38	42		78	77	
	2305~2315	2496~2690	2500~2570	2570~2620	3400~3600		3300~3800	3300~4200	
Gain (dBi)		-5.20	-3.8	-5.2	-0.1		0.3	-1.5	

Note: Antenna information is provided by the applicant.

WLAN

Antenna	ANT 4					
Frequency(MHz)	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850	5925~6425
Gain (dBi)	-3.70	-1.90	0.10	-2.20	-1.30	-2.10
Antenna	ANT 8					
Frequency(MHz)	2400~2500	5150~5250	5250~5350	5470~5725	5725~5850	5925~6425
Gain (dBi)	-0.90	-2.30	-0.70	-1.90	-3.30	-3.00

Note: Antenna information is provided by the applicant.

Note: Antenna information is provided by the applicant.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

2 MEASUREMENT SYSTEM

2.1 Test Facility

Laboratory	Test Site Address	Test Site Name	FCC Designation number	IC CAB identifier
SGS Taiwan Ltd. Central RF Lab. (TAF code 3702)	1F, No. 8, Alley 15, Lane 120, Sec. 1, NeiHu Road, NeiHu District, Taipei City, 11493, Taiwan.	SAR 2	TW0029	TW3702
		SAR 6		
		SAR 8		
	No. 2, Keji 1st Rd., Guishan Township, Taoyuan County, 33383, Taiwan	SAR 1	TW0028	
		SAR 4		
	No.134, Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan	SAR 3	TW0027	
		SAR 7		

Note: Test site name is remarked on the equipment list in each section of this report as an indication where measurements occurred in specific test site and address.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

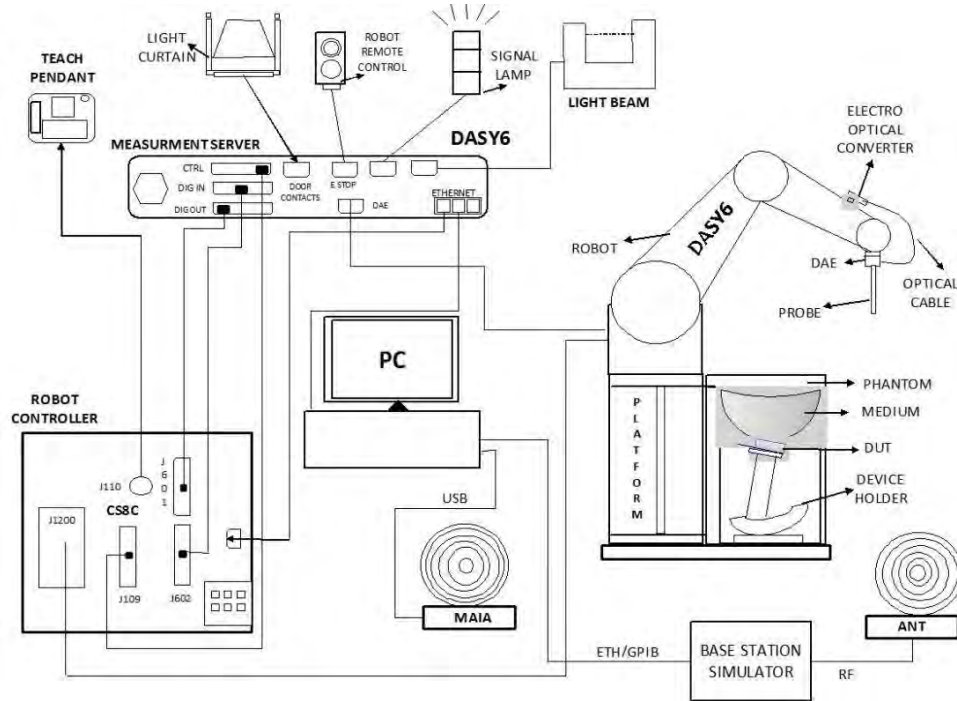
www.sgs.com.tw

Member of SGS Group

2.2 SAR System

Block Diagram (DASY6)

The DASY system used for performing compliance tests consists of the following items:



- A standard high precision 6-axis robot with controller, teach pendant and software. An arm extension for accommodating the data acquisition electronics (DAE).
- An isotropic field probe optimized and calibrated for the targeted measurement.
- 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 from optical to electrical signals for the digital communication to the DAE. To use optical surface detection, a special version of the EOC is required. The EOC signal is transmitted to the measurement server.
- 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.
- The Light Beam used is for probe alignment. This improves the (absolute) accuracy of the probe positioning.
- A computer running Windows 10 and the DASY6 software.
- Remote control and teach pendant as well as additional circuitry for robot safety such as warning lamps, etc.
- The phantom, the device holder and other accessories according to the targeted measurement.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

EX3DV4 E-Field Probe

Construction	Symmetrical design with triangular core Built-in shielding against static charges PEEK enclosure material (resistant to organic solvents, e.g., DGBE)		
Calibration	Basic Broad Band Calibration in air Conversion Factors (CF) for HSL 750/835/1750/1900/2450/2600/5250/5600/5750 MHz Additional CF for other liquids and frequencies upon request		
Frequency	10 MHz to > 6 GHz		
Directivity	± 0.3 dB in HSL (rotation around probe axis) ± 0.5 dB in tissue material (rotation normal to probe axis)		
Dynamic Range	10 µW/g to > 100 mW/g Linearity: ± 0.2 dB (noise: typically < 1 µW/g)		
Dimensions	Tip diameter: 2.5 mm		
Application	High precision dosimetric measurements in any exposure scenario (e.g., very strong gradient fields). Only probe which enables compliance testing for frequencies up to 6 GHz with precision of better 30%.		

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

PHANTOM (SAM)

Model	Twin SAM	
Construction	The shell corresponds to the specifications of the Specific Anthropomorphic Mannequin (SAM) phantom defined in IEEE 1528 and IEC 62209. 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 manually teaching three points with the robot.	
Shell Thickness	2 ± 0.2 mm	
Filling Volume	Approx. 25 liters	
Dimensions	Height: 850 mm; Length: 1000 mm; Width: 500 mm	

DEVICE HOLDER

Construction	In combination with the Twin SAM Phantom V4.0/V4.0C or Twin SAM, the Mounting Device (made from POM) enables the rotation of the mounted transmitter in spherical coordinates, whereby the rotation point is the ear opening. The devices can be easily and accurately positioned according to IEC, IEEE, CENELEC, FCC or other specifications. The device holder can be locked at different phantom locations (left head, right head, flat phantom).	 Device Holder
--------------	---	--

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
 除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

3 SAR SYSTEM VERIFICATION

3.1 Tissue Simulating Liquid

For the measurement of the field distribution inside the SAM phantom with DASY, the phantom must be filled with homogeneous tissue simulating liquid. For head SAR testing, the liquid height from the ear rint (ERP) of the phantom to the liquid top surface is larger than 15cm. For body SAR testing, the liquid height from reference po the center of the flat phantom to the liquid top surface is larger than 15cm.

3.2 Tissue Simulant Liquid measurement

The dielectric properties for this Head-simulant fluid were measured by using the SPEAG Dielectric Assessment Kit (DAKS-3.5)

All dielectric parameters of tissue simulates were measured within 24 hours of SAR measurements. The measured conductivity and permittivity are all within $\pm 5\%$ of the target values.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

3.3 Measurement results of Tissue Simulant Liquid

Measured Frequency (MHz)	Target Dielectric Constant, ϵ_r	Target Conductivity, σ (S/m)	Measured Dielectric Constant, ϵ_r	Measured Conductivity, σ (S/m)	% dev ϵ_r	% dev σ	Limit	Measurement Date	Liquid Temp. (°C)	Ambient Temp (°C)
704	42.145	0.887	41.918	0.884	-0.54%	-0.33%	± 5%	May. 05, 2024	21.9	22.8
707.5	42.127	0.887	41.897	0.885	-0.55%	-0.24%	± 5%			
709	42.119	0.887	41.892	0.885	-0.54%	-0.26%	± 5%			
710	42.113	0.887	41.886	0.885	-0.54%	-0.26%	± 5%			
711	42.108	0.887	41.881	0.885	-0.54%	-0.27%	± 5%			
750	41.900	0.890	41.679	0.887	-0.53%	-0.34%	± 5%			
782	41.749	0.894	41.512	0.890	-0.57%	-0.42%	± 5%			
824.2	41.551	0.899	41.332	0.900	-0.53%	0.14%	± 5%			
826.4	41.540	0.899	41.324	0.901	-0.52%	0.22%	± 5%			
829	41.528	0.899	41.313	0.902	-0.52%	0.30%	± 5%			
834	41.505	0.900	41.295	0.904	-0.51%	0.46%	± 5%			
835	41.500	0.900	41.292	0.904	-0.50%	0.44%	± 5%			
836.5	41.500	0.902	41.284	0.905	-0.52%	0.38%	± 5%			
836.6	41.500	0.902	41.284	0.905	-0.52%	0.36%	± 5%			
839	41.500	0.904	41.277	0.906	-0.54%	0.19%	± 5%			
844	41.500	0.910	41.259	0.907	-0.58%	-0.30%	± 5%			
846.6	41.500	0.912	41.248	0.908	-0.61%	-0.49%	± 5%			
848.8	41.500	0.915	41.241	0.909	-0.62%	-0.64%	± 5%			
1712.4	40.125	1.350	39.876	1.358	-0.62%	0.60%	± 5%	May. 06, 2024	22.0	22.9
1720	40.114	1.354	39.863	1.363	-0.63%	0.64%	± 5%			
1730	40.100	1.360	39.848	1.369	-0.63%	0.66%	± 5%			
1732.4	40.097	1.361	39.844	1.370	-0.63%	0.63%	± 5%			
1732.5	40.096	1.361	39.843	1.371	-0.63%	0.70%	± 5%			
1745	40.079	1.369	39.824	1.378	-0.64%	0.69%	± 5%			
1750	40.071	1.371	39.816	1.381	-0.64%	0.70%	± 5%			
1752.6	40.068	1.373	39.811	1.382	-0.64%	0.66%	± 5%			
1760	40.057	1.377	39.800	1.386	-0.64%	0.64%	± 5%			
1770	40.043	1.383	39.784	1.392	-0.65%	0.66%	± 5%			
1850.2	40.000	1.400	39.737	1.413	-0.66%	0.93%	± 5%			
1852.4	40.000	1.400	39.737	1.413	-0.66%	0.93%	± 5%			
1860	40.000	1.400	39.737	1.413	-0.66%	0.93%	± 5%			
1880	40.000	1.400	39.737	1.414	-0.66%	1.00%	± 5%			
1900	40.000	1.400	39.737	1.414	-0.66%	1.00%	± 5%			
1907.6	40.000	1.400	39.737	1.414	-0.66%	1.00%	± 5%			
1909.8	40.000	1.400	39.737	1.414	-0.66%	1.00%	± 5%			

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

2510	39.120	1.864	38.861	1.879	-0.66%	0.80%	± 5%	May. 07, 2024	21.8	23.1
2535	39.087	1.891	38.829	1.902	-0.66%	0.60%	± 5%			
2546.01	39.072	1.902	38.815	1.912	-0.66%	0.50%	± 5%			
2560	39.053	1.917	38.797	1.924	-0.66%	0.35%	± 5%			
2580	39.027	1.939	38.772	1.942	-0.65%	0.17%	± 5%			
2592.99	39.009	1.953	38.755	1.954	-0.65%	0.08%	± 5%			
2593	39.009	1.953	38.755	1.954	-0.65%	0.08%	± 5%			
2595	39.007	1.955	38.753	1.956	-0.65%	0.07%	± 5%			
2600	39.000	1.960	38.746	1.961	-0.65%	0.05%	± 5%			
2610	38.988	1.971	38.733	1.970	-0.65%	-0.05%	± 5%			
2636.5	38.954	2.000	38.699	1.994	-0.66%	-0.31%	± 5%			
2640	38.950	2.004	38.695	1.997	-0.65%	-0.35%	± 5%			
2680	38.900	2.048	38.644	2.034	-0.66%	-0.68%	± 5%			
2402	39.282	1.757	39.041	1.785	-0.61%	1.57%	± 5%	May. 08, 2024	21.7	22.3
2412	39.265	1.766	39.024	1.793	-0.61%	1.51%	± 5%			
2422	39.248	1.775	39.006	1.802	-0.62%	1.51%	± 5%			
2437	39.222	1.788	38.979	1.815	-0.62%	1.48%	± 5%			
2441	39.215	1.792	38.972	1.818	-0.62%	1.45%	± 5%			
2450	39.200	1.800	38.956	1.826	-0.62%	1.44%	± 5%			
2452	39.197	1.802	38.954	1.828	-0.62%	1.44%	± 5%			
2462	39.184	1.813	38.941	1.837	-0.62%	1.33%	± 5%			
2480	39.160	1.832	38.918	1.853	-0.62%	1.15%	± 5%	May. 09, 2024	21.6	22.2
5250	35.950	4.710	35.685	4.701	-0.74%	-0.19%	± 5%			
5290	35.910	4.750	35.639	4.742	-0.75%	-0.17%	± 5%			
5570	35.545	5.039	35.319	5.029	-0.64%	-0.19%	± 5%			
5600	35.500	5.070	35.285	5.060	-0.61%	-0.20%	± 5%			
5750	35.350	5.220	35.113	5.213	-0.67%	-0.13%	± 5%			
5775	35.325	5.245	35.085	5.239	-0.68%	-0.11%	± 5%			

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Measured Frequency (MHz)	Target Dielectric Constant, ϵ_r	Target Conductivity, σ (S/m)	Measured Dielectric Constant, ϵ_r	Measured Conductivity, σ (S/m)	% dev ϵ_r	% dev σ	Limit	Measurement Date	Liquid Temp. (°C)	Ambient Temp (°C)
704	42.145	0.887	41.937	0.885	-0.49%	-0.22%	± 5%	Apr. 30, 2024	21.2	22.1
707.5	42.127	0.887	41.916	0.885	-0.50%	-0.24%	± 5%			
709	42.119	0.887	41.911	0.886	-0.49%	-0.14%	± 5%			
710	42.113	0.887	41.905	0.886	-0.49%	-0.15%	± 5%			
711	42.108	0.887	41.900	0.886	-0.49%	-0.16%	± 5%			
750	41.900	0.890	41.698	0.888	-0.48%	-0.22%	± 5%			
782	41.749	0.894	41.531	0.891	-0.52%	-0.31%	± 5%			
824.2	41.551	0.899	41.351	0.901	-0.48%	0.25%	± 5%	May. 01, 2024	21.3	22.5
826.4	41.540	0.899	41.343	0.902	-0.48%	0.34%	± 5%			
829	41.528	0.899	41.332	0.903	-0.47%	0.41%	± 5%			
834	41.505	0.900	41.314	0.904	-0.46%	0.46%	± 5%			
835	41.500	0.900	41.311	0.905	-0.46%	0.56%	± 5%			
836.5	41.500	0.902	41.303	0.906	-0.47%	0.49%	± 5%			
836.6	41.500	0.902	41.303	0.906	-0.47%	0.47%	± 5%			
839	41.500	0.904	41.296	0.906	-0.49%	0.19%	± 5%			
844	41.500	0.910	41.278	0.908	-0.53%	-0.19%	± 5%			
846.6	41.500	0.912	41.267	0.909	-0.56%	-0.38%	± 5%			
848.8	41.500	0.915	41.260	0.910	-0.58%	-0.53%	± 5%	May. 02, 2024	21.4	22.4
1712.4	40.125	1.350	39.895	1.359	-0.57%	0.67%	± 5%			
1720	40.114	1.354	39.882	1.364	-0.58%	0.72%	± 5%			
1730	40.100	1.360	39.867	1.369	-0.58%	0.66%	± 5%			
1732.4	40.097	1.361	39.863	1.371	-0.58%	0.71%	± 5%			
1732.5	40.096	1.361	39.862	1.371	-0.58%	0.70%	± 5%			
1745	40.079	1.369	39.843	1.378	-0.59%	0.69%	± 5%			
1750	40.071	1.371	39.835	1.381	-0.59%	0.70%	± 5%			
1752.6	40.068	1.373	39.830	1.383	-0.59%	0.73%	± 5%			
1760	40.057	1.377	39.819	1.387	-0.59%	0.72%	± 5%			
1770	40.043	1.383	39.803	1.393	-0.60%	0.73%	± 5%	May. 03, 2024	21.5	22.6
1850.2	40.000	1.400	39.756	1.413	-0.61%	0.93%	± 5%			
1852.4	40.000	1.400	39.756	1.413	-0.61%	0.93%	± 5%			
1860	40.000	1.400	39.756	1.414	-0.61%	1.00%	± 5%			
1880	40.000	1.400	39.756	1.414	-0.61%	1.00%	± 5%			
1900	40.000	1.400	39.756	1.415	-0.61%	1.07%	± 5%			
1907.6	40.000	1.400	39.756	1.415	-0.61%	1.07%	± 5%			
1909.8	40.000	1.400	39.756	1.415	-0.61%	1.07%	± 5%			

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

2510	39.120	1.864	38.880	1.880	-0.61%	0.86%	± 5%	May. 04, 2024	21.8	22.7
2535	39.087	1.891	38.848	1.902	-0.61%	0.60%	± 5%			
2546.01	39.072	1.902	38.834	1.912	-0.61%	0.50%	± 5%			
2560	39.053	1.917	38.816	1.925	-0.61%	0.40%	± 5%			
2580	39.027	1.939	38.791	1.943	-0.60%	0.22%	± 5%			
2592.99	39.009	1.953	38.774	1.955	-0.60%	0.13%	± 5%			
2593	39.009	1.953	38.774	1.955	-0.60%	0.13%	± 5%			
2595	39.007	1.955	38.772	1.957	-0.60%	0.12%	± 5%			
2600	39.000	1.960	38.765	1.962	-0.60%	0.10%	± 5%			
2610	38.988	1.971	38.752	1.971	-0.60%	0.00%	± 5%			
2636.5	38.954	2.000	38.718	1.995	-0.61%	-0.26%	± 5%			
2640	38.950	2.004	38.714	1.998	-0.61%	-0.30%	± 5%			
2680	38.900	2.048	38.663	2.035	-0.61%	-0.63%	± 5%	May. 08, 2024	21.7	22.3
2402	39.282	1.757	39.041	1.785	-0.61%	1.57%	± 5%			
2412	39.265	1.766	39.024	1.793	-0.61%	1.51%	± 5%			
2422	39.248	1.775	39.006	1.802	-0.62%	1.51%	± 5%			
2437	39.222	1.788	38.979	1.815	-0.62%	1.48%	± 5%			
2441	39.215	1.792	38.972	1.818	-0.62%	1.45%	± 5%			
2450	39.200	1.800	38.956	1.826	-0.62%	1.44%	± 5%			
2452	39.197	1.802	38.954	1.828	-0.62%	1.44%	± 5%			
2462	39.184	1.813	38.941	1.837	-0.62%	1.33%	± 5%	May. 09, 2024	21.6	22.2
2480	39.160	1.832	38.918	1.853	-0.62%	1.15%	± 5%			
5250	35.950	4.710	35.685	4.701	-0.74%	-0.19%	± 5%			
5290	35.910	4.750	35.639	4.742	-0.75%	-0.17%	± 5%			
5570	35.545	5.039	35.319	5.029	-0.64%	-0.19%	± 5%			
5600	35.500	5.070	35.285	5.060	-0.61%	-0.20%	± 5%			
5750	35.350	5.220	35.113	5.213	-0.67%	-0.13%	± 5%			
5775	35.325	5.245	35.085	5.239	-0.68%	-0.11%	± 5%			

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

3.4 The composition of the tissue simulating liquid:

Simulating Liquids for 600 MHz -10 GHz, Manufactured by SPEAG:

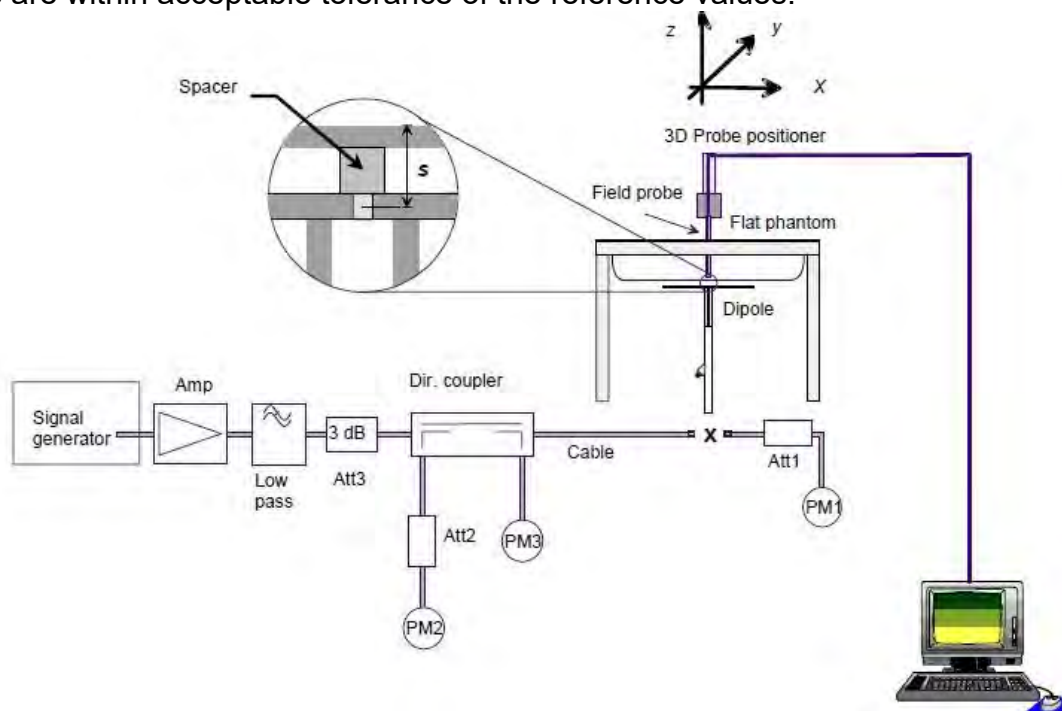
Broad-band head tissue simulating liquids	SPEAG Product	Frequency range (MHz)	Main Ingredients
	HBBL600-10000V6	600 - 10000	Water, Oil

3.5 System check

The microwave circuit arrangement for system check is sketched in below. The daily system accuracy verification occurs within the flat section of the SAM phantom and ELI 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 DUT. The obtained results from the system accuracy verification are displayed with SAR values normalized to 1W forward power delivered to the dipole.

During the tests, the liquid depth from the center of the flat phantom to the liquid top surface was 15 cm above 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.



The block diagram of system check

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。
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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

3.6 System check results

Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=250mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D750V3	1015	750	8.63	2.24	8.96	3.82	± 10%	May.05,2024
D835V2	4d063	835	9.53	2.47	9.88	3.67	± 10%	May.05,2024
D1750V2	1008	1750	36.4	8.97	35.88	-1.43	± 10%	May.06,2024
D1900V2	5d142	1900	39.9	9.73	38.92	-2.46	± 10%	May.06,2024
D2600V2	1005	2600	56	13.6	54.4	-2.86	± 10%	May.07,2024
Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=250mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D750V3	1015	750	8.63	2.22	8.88	2.90	± 10%	Apr.30,2024
D835V2	4d063	835	9.53	2.4	9.6	0.73	± 10%	May.01,2024
D1750V2	1008	1750	36.4	9.04	36.16	-0.66	± 10%	May.02,2024
D1900V2	5d142	1900	39.9	9.87	39.48	-1.05	± 10%	May.03,2024
D2600V2	1005	2600	56	13.8	55.2	-1.43	± 10%	May.04,2024
Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=250mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D2450V2	728	2450	53.4	13.6	54.4	1.87	± 10%	May.08,2024
Validation Kit	S/N	Frequency (MHz)	1W Target 1g-SAR (W/kg)	pin=100mW Measured 1g-SAR (W/kg)	Normalized to 1W 1g-SAR (W/kg)	Deviation (%)	Limit	Measurement Date
D5GHzV2	1023	5250	78.8	8.01	80.1	1.65	± 10%	May.09,2024
D5GHzV2	1023	5600	81.3	8.27	82.7	1.72	± 10%	May.09,2024
D5GHzV2	1023	5750	78	7.89	78.9	1.15	± 10%	May.09,2024

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions>, and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

4 TEST CONFIGURATIONS

4.1 Test Environment

Ambient Temperature: $22 \pm 2^\circ \text{C}$

Tissue Simulating Liquid: $22 \pm 2^\circ \text{C}$

4.2 Test Note

- **General:** Measurements are performed respectively on the lowest, middle and highest channels of the operating band(s).
 - **General:** The EUT is set to maximum power level during all tests, and at the beginning of each test the battery is fully charged.
 - **General:** During the SAR testing, the DASY system checks power drift by comparing the e-field strength of one specific location measured at the beginning with that measured at the end of the SAR testing.
 - **General:** According to KDB447498D01v06, testing of other required channels is not required when the reported 1-g SAR for the highest output channel is $\leq 0.8 \text{ W/kg}$, when the transmission band is $\leq 100 \text{ MHz}$.
 - **General:** According to KDB865664D01v01r04, SAR measurement variability must be assessed for each frequency band. When the original highest measured SAR is $\geq 0.8 \text{ W/kg}$, repeated that measurement once. 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 $\geq 1.45 \text{ W/kg}$ ($\sim 10\%$ from the 1-g SAR limit).
 - **GSM:** SAR test reduction for GPRS/EDGE mode is determined by the source-based time-averaged output power. The data mode with highest specified time-averaged output power should be tested for SAR compliance.
 - **LTE:** LTE modes test according to **KDB 941225D05v02r05**.
- a. Per Section 5.2.1, 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 $\leq 0.8 \text{ W/kg}$, 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 $> 1.45 \text{ W/kg}$, SAR is required for all three RB offset configurations for that required test channel.
- b. Per Section 5.2.2, the largest channel bandwidth and measure SAR for QPSK with 50% RB allocation
- The procedures required for 1 RB allocation in 5.2.1 are applied to measure the SAR for QPSK with 50% RB allocation.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions>, and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

c. Per Section 5.2.3, the largest channel bandwidth and measure SAR for 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 5.2.1 and 5.2.2 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.

d. Per Section 5.2.4, Higher order modulations

- For each modulation besides QPSK; e.g., 16-QAM, 64-QAM, apply the QPSK procedures in sections 5.2.1, 5.2.2 and 5.2.3 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. Per Section 5.3, 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 5.2 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. The equivalent channel configuration for the RB allocation, RB offset and modulation etc. is determined for the smaller channel bandwidth according to the same number of RB allocated in the largest channel bandwidth.
- TDD LTE was tested at highest duty factor using UL-DL configuration 0 with 6 UL subframes and 2 special subframes using extended cyclic prefix only and special subframe configuration 6. SAR tests were performed at maximum output power and worst-case transmission duty factor in extended cyclic prefix. Per 3GPP 36.211 Section 4.2, the duty factor for UL-DL configuration 0/special subframe configuration 6 using extended cyclic prefix is 0.633. According to KDB 941225 D05, SAR testing for TDD LTE 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 TDD LTE

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

Figure 1 illustrates the frame structure of the proposed system. The top part shows a zoomed-in view of the first half-frame (5 ms) and a slot (15360 T_s). The bottom part shows the full frame structure with subframes #0 to #9. Subframe #0 is expanded to show its internal structure with DwPTS, GP, and UpPTS. The frame is divided into 10 subframes, each 30720 T_s long. The total frame duration is 10 ms (307200 T_s).

Table 4.2-1: Configuration of special subframe (lengths of DwPTS/GP/UpPTS).

Special subframe configuration n	Normal cyclic prefix in downlink			Extended cyclic prefix in downlink		
	DwPTS	UpPTS		DwPTS	UpPTS	
		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink		Normal cyclic prefix in uplink	Extended cyclic prefix in uplink
0	$6592 \cdot T_s$	$(1+X) \cdot 2192 \cdot T_s$	$(1+X) \cdot 2560 \cdot T_s$	$7680 \cdot T_s$	$(1+X) \cdot 2192 \cdot T_s$	$(1+X) \cdot 2560 \cdot T_s$
1	$19760 \cdot T_s$			$20480 \cdot T_s$		
2	$21952 \cdot T_s$			$23040 \cdot T_s$		
3	$24144 \cdot T_s$			$25600 \cdot T_s$		
4	$26336 \cdot T_s$			$7680 \cdot T_s$		
5	$6592 \cdot T_s$	$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$	$20480 \cdot T_s$	$(2+X) \cdot 2192 \cdot T_s$	$(2+X) \cdot 2560 \cdot T_s$
6	$19760 \cdot T_s$			$23040 \cdot T_s$		
7	$21952 \cdot T_s$			$12800 \cdot T_s$		
8	$24144 \cdot T_s$			—		
9	$13168 \cdot T_s$			—		

Uplink-downlink configuration ^a	Downlink-to-Uplink Switch-point periodicity ^a	Subframe number ^a									
		0 ^a	1 ^a	2 ^a	3 ^a	4 ^a	5 ^a	6 ^a	7 ^a	8 ^a	9 ^a
0 ^a	5 ms ^a	D ^a	S ^a	U ^a	U ^a	U ^a	D ^a	S ^a	U ^a	U ^a	U ^a
1 ^a	5 ms ^a	D ^a	S ^a	U ^a	U ^a	D ^a	D ^a	S ^a	U ^a	U ^a	D ^a
2 ^a	5 ms ^a	D ^a	S ^a	U ^a	D ^a	D ^a	D ^a	S ^a	U ^a	D ^a	D ^a
3 ^a	10 ms ^a	D ^a	S ^a	U ^a	U ^a	U ^a	D ^a	D ^a	D ^a	D ^a	D ^a
4 ^a	10 ms ^a	D ^a	S ^a	U ^a	U ^a	D ^a	D ^a	D ^a	D ^a	D ^a	D ^a
5 ^a	10 ms ^a	D ^a	S ^a	U ^a	D ^a	D ^a	D ^a	D ^a	D ^a	D ^a	D ^a
6 ^a	5 ms ^a	D ^a	S ^a	U ^a	U ^a	D ^a	D ^a	S ^a	U ^a	U ^a	D ^a

Member of SGS Group

uplink. Therefore, SAR testing for TDD LTE was measured at the maximum output power with highest transmission duty cycle of 63.33%.

- **5G NR:** SAR tests for NR bands and LTE anchor bands were performed separately due to limitations in SAR probe calibration factor. Due to test setup limitation, SAR testing for NR was performed using factory test mode software to establish the connection.

- **5G NR:** 5G NR Power/SAR procedure is similar with KDB 941225 D05. **a.** For power measurement reduction of DFT-s-OFDM and CP-OFDM, CP-OFDM will not higher than DFT-OFDM based on 3GPP MPR table, so CP-OFDM QPSK power measurement is spot check for 1RB allocation/1 RB offset configuration to ensure the output power will not ½ dB higher than Pi/2 BPSK and QPSK. **b.** For power measurement reduction of DFT-s-OFDM, 16QAM/64QAM/256QAM will not higher than Pi/2 BPSK and QPSK based on 3GPP MPR table, so Pi/2 BPSK and QPSK are measured fully, and 16QAM is spot check 1RB allocation/1 RB offset configuration to ensure the output power will not ½ dB higher than Pi/2 BPSK and QPSK. Smaller bandwidth output power will also follow the largest bandwidth to ensure output power will not ½ dB higher than largest supported bandwidth. **c.** SAR testing 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. **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.** 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, 16QAM/64QAM/256QAM SAR testing are not required. **g.** Smaller bandwidth output power for each RB allocation configuration for this device will not ½ 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.

- **WLAN 2.4GHz:** 802.11b DSSS SAR Test Requirements: SAR is measured for 2.4 GHz 802.11b DSSS mode using the highest measured maximum output power channel, 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. 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.

- **WLAN 2.4GHz:** 802.11g/n OFDM SAR Test Exclusion Requirements: SAR is not required for 802.11g/n since 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.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

• **WLAN 5GHz:** Initial Test Configuration: 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. When the reported SAR of the initial test configuration is $> 0.8 \text{ W/kg}$, SAR measurement is required for the subsequent next highest measured output power channel(s) in the initial test configuration until the reported SAR is $\leq 1.2 \text{ W/kg}$ or all required channels are tested. Since 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 $\leq 1.2 \text{ W/kg}$, SAR is not required for subsequent test configuration.

• **WLAN 5GHz:** Based on FCC guidance, general principles of KDB248227D01 can be applied to 802.11ax to determine initial test configuration with 802.11ax being considered as the highest 802.11 mode for the appropriate frequency band.

• **Test exclusion for NFC:** Based on KDB447498D01v06 4.3.1 c), SAR test exclusion threshold for NFC (13.56MHz) shall be evaluated as below,

a) For test separation distances $\leq 50 \text{ mm}$, the power threshold determined by the equation in 4.3.1 c) 1) for 50 mm and 100 MHz is multiplied by $\frac{1}{2}$

b) The power threshold at 50mm/100 MHz in 4.3.1 b) is multiplied by $[1 + \log(100/f(\text{MHz}))]$ where f is 13.56MHz

c) The power threshold in 4.3.1 b) is $[\text{Power allowed at numeric threshold for 50 mm in 4.3.1 a)} + [(\text{test separation distance} - 50 \text{ mm}) \cdot (f(\text{MHz})/150)] \text{ mW}$, for 100 MHz to 1500 MHz where test separation distance is 50mm, frequency is 100MHz.

d) Power allowed at numeric threshold for 50 mm in 4.3.1 a) is $[3/(f(\text{GHz})^{(1/2)})] \cdot (\text{test separation distance})$

Hence, SAR test exclusion threshold is calculated in reverse sequence:

d) : $[3/(0.1)^{(1/2)}] \cdot 50 = 474.3416 \text{ mW}$

c) : $474.3416 + (50-50) \cdot (100/150) = 474.3416 \text{ mW}$

b) : $474.3416 \cdot [1 + \log(100/13.56)] = 885.9470 \text{ mW}$

a) : $885.9470 \cdot 0.5 = 442.974 \text{ mW}$

So the SAR test exclusion power threshold for NFC(13.56MHz) is 442.974mW(equal to 26.464dBm). Also, the maximum power of NFC is 8.85dBm (converted from 8.44 dBuV/m at 30m) and it is far below the exclusion threshold (26.464dBm), so SAR test for NFC can be excluded.

Frequency (MHz)	E-FIELD dBuV/m	Test Distance (m)	Separation Distance (m)	Distance Factor (dB)	E-FIELD (dBuV/m)	EIRP (dBm)	EIRP (mW)
13.56	8.44	30	0.005	151.13	159.57	8.85	7.6736

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

• **Estimated SAR for NFC:** Based on KDB447498D01v06 4.3.2 b), when an antenna qualifies for the standalone SAR test exclusion of 4.3.1 and also transmits simultaneously with other antennas, the standalone SAR value must be estimated according to the following to determine the simultaneous transmission SAR test exclusion criteria:

1) $[(\text{max. power of channel, including tune-up tolerance, mW}) / (\text{min. test separation distance, mm})] \cdot [(f(\text{GHz})/x)^{(1/2)}]$ W/kg, for test separation distances ≤ 50 mm, where $x = 7.5$ for 1-g SAR and $x = 18.75$ for 10-g SAR.

Using the most conservative test separation distance 5mm, so the estimated 1g-SAR for NFC would be 0.065 W/Kg. $[7.6736/5] \cdot [(0.01356/7.5)^{(1/2)}] = 0.065$ W/Kg

And the estimated 10g-SAR for NFC would be 0.041 W/Kg.

$[7.6736/5] \cdot [(0.01356/18.75)^{(1/2)}] = 0.041$ W/Kg

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

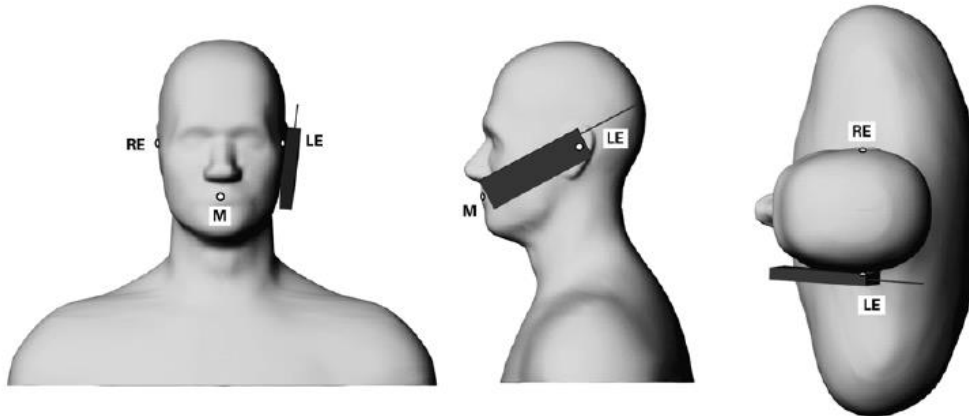
f (886-2) 2298-0488

www.sgs.com.tw

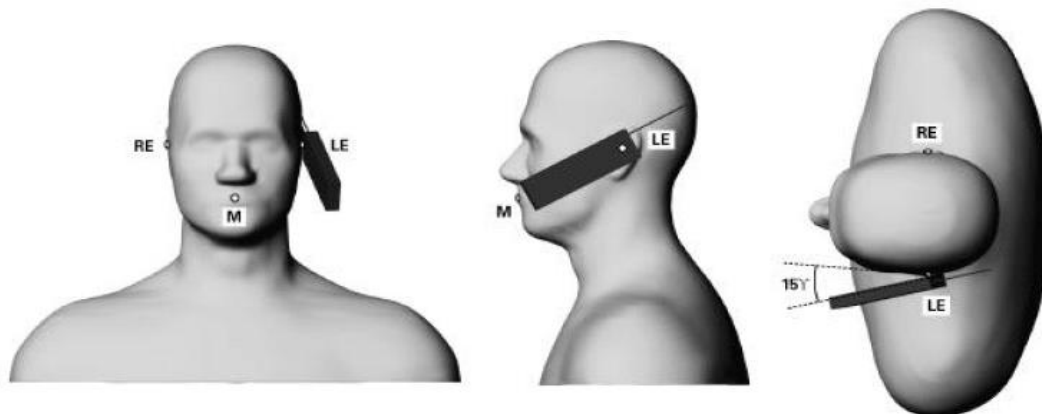
Member of SGS Group

4.3 Test position

Head SAR test position



Phone position 1, “cheek” or “touch” position. The reference points for the right ear (RE), left ear (LE) and mouth (M), which define the reference plane for phone positioning.



Phone position 2, “tilted position.” The reference points for the right ear (RE), left ear (LE) and mouth (M), which define the reference plane for phone positioning.

Cheek/Touch Position:

The handset was brought toward the mouth of the head phantom by pivoting against the ear reference point until any point of the mouthpiece or keypad touched the phantom.

Ear/Tilt Position:

With the phone aligned in the Cheek/Touch position, the handset was tilted away from the mouth with respect to the test device reference point by 15 degrees.

Body-worn SAR test position (10 mm)

Body-worn accessory exposure is typically related to voice mode operations when handsets are carried in body-worn accessories. The body-worn accessory procedures in KDB Publication 447498 D01 should be used to test for body-worn accessory SAR compliance, without a headset connected to it. When the same wireless transmission configuration is used for testing body-worn accessory and hotspot mode SAR, respectively, in voice and data mode, SAR results for the most conservative test separation distance configuration may be used to support both SAR conditions.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

When the reported SAR for a body-worn accessory, measured without a headset connected to the handset, is $> 1.2 \text{ W/kg}$, the highest reported SAR configuration for that wireless mode and frequency band should be repeated for the body-worn accessory with a headset attached to the handset.

Hotspot mode SAR test position (10 mm)

A test separation distance of 10 mm is required between the phantom and all surfaces and edges with a transmitting antenna located within 25 mm from that surface or edge when the form factor of a handset is larger than $9 \text{ cm} \times 5 \text{ cm}$.

Product Specific 10-g SAR test position (0 mm)

Since the device is a phablet (overall diagonal dimension $> 16.0 \text{ cm}$), the UMPC mini-tablet procedures must also be applied to test the SAR of all surfaces and edges with an antenna located at $\leq 25 \text{ mm}$ from that surface or edge, in direct contact with a flat phantom, for product specific 10-g SAR. When hotspot mode applies, product specific 10-g SAR is required only for the surfaces and edges with hotspot mode 1-g reported SAR $> 1.2 \text{ W/kg}$. 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. Based on KDB941225D06v02r01, the hotspot mode and body-worn accessory SAR test configurations may overlap for handsets. When the same wireless mode transmission configurations for voice and data are required for SAR measurements, the more conservative configuration with a smaller separation distance should be tested for the overlapping SAR configurations.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

4.4 Test limit

[§ 2.1093\(d\)\(1\)](#)

Applications for equipment authorization of portable RF sources subject to routine environmental evaluation must contain a statement confirming compliance with the limits specified in [§ 1.1310](#) as part of their application. Technical information showing the basis for this statement must be submitted to the Commission upon request. The SAR limits specified in [§ 1.1310\(a\)](#) through [\(c\) of this chapter](#) shall be used for evaluation of portable devices transmitting in the frequency range from 100 kHz to 6 GHz. Portable devices that transmit at frequencies above 6 GHz shall be evaluated in terms of the MPE limits specified in Table 1 to [§ 1.1310\(e\)\(1\)](#). A minimum separation distance applicable to the operating configurations and exposure conditions of the device shall be used for the evaluation. In general, maximum time-averaged power levels must be used for evaluation. All unlicensed personal communications service (PCS) devices and unlicensed NII devices shall be subject to the limits for general population/uncontrolled exposure.

Radiofrequency radiation exposure limits.

[§ 1.1310\(a\)](#)

Specific absorption rate (SAR) shall be used to evaluate the environmental impact of human exposure to radiofrequency (RF) radiation as specified in § 1.1307(b) within the frequency range of 100 kHz to 6 GHz (inclusive).

[§ 1.1310\(b\)](#)

The SAR limits for occupational/controlled exposure are 0.4 W/kg, as averaged over the whole body, and a peak spatial-average SAR of 8 W/kg, averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube). Exceptions are the parts of the human body treated as extremities, such as hands, wrists, feet, ankles, and pinnae, where the peak spatial-average SAR limit for occupational/controlled exposure is 20 W/kg, averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube). Exposure may be averaged over a time period not to exceed 6 minutes to determine compliance with occupational/controlled SAR limits.

[§ 1.1310\(c\)](#)

The SAR limits for general population/uncontrolled exposure are 0.08 W/kg, as averaged over the whole body, and a peak spatial-average SAR of 1.6 W/kg, averaged over any 1 gram of tissue (defined as a tissue volume in the shape of a cube). Exceptions are the parts of the human body treated as extremities, such as hands, wrists, feet, ankles, and pinnae, where the peak spatial-average SAR limit is 4 W/kg, averaged over any 10 grams of tissue (defined as a tissue volume in the shape of a cube). Exposure may be averaged over a time period not to exceed 30 minutes to determine compliance with general population/uncontrolled SAR limits.

Note to paragraphs (a) through (c):

SAR is a measure of the rate of energy absorption due to exposure to RF electromagnetic energy. These SAR limits to be used for evaluation are based generally on criteria published by the American National Standards Institute (ANSI) for localized SAR in [Section 4.2](#) of "IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz," ANSI/IEEE Std C95.1-1992, copyright 1992 by the Institute of Electrical and Electronics Engineers, Inc., New York, New York 10017. These criteria for SAR evaluation are similar to those recommended by the National Council on Radiation Protection and Measurements (NCRP) in "Biological Effects and Exposure Criteria for Radiofrequency Electromagnetic Fields," NCRP Report No. 86, [Section 17.4.5](#), copyright 1986 by NCRP, Bethesda, Maryland 20814. Limits for whole body SAR and peak spatial-average SAR are based

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

on recommendations made in both of these documents. The MPE limits in Table 1 are based generally on criteria published by the NCRP in "Biological Effects and Exposure Criteria for Radiofrequency Electromagnetic Fields," NCRP Report No. 86, Sections 17.4.1, 17.4.1.1, 17.4.2 and 17.4.3, copyright 1986 by NCRP, Bethesda, Maryland 20814. In the frequency range from 100 MHz to 1500 MHz, these MPE exposure limits for field strength and power density are also generally based on criteria recommended by the ANSI in [Section 4.1](#) of "IEEE Standard for Safety Levels with Respect to Human Exposure to Radio Frequency Electromagnetic Fields, 3 kHz to 300 GHz," ANSI/IEEE Std C95.1-1992, copyright 1992 by the Institute of Electrical and Electronics Engineers, Inc., New York, New York 10017.

Portable devices that transmit at frequencies above 6 GHz shall be evaluated in terms of the MPE limits specified in Table 1 to [§ 1.1310\(e\)\(1\)](#).

According to ANSI/IEEE C95.1-1992, the criteria listed in the following Table shall be used to evaluate the environmental impact of human exposure to radio frequency (RF) radiation as specified in §1.1310.

Peak Spatially Averaged Power Density was evaluated over a circular area of 4cm² per interim FCC Guidance for near-field power density evaluations per October 2018 TCB Workshop notes

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Frequency range (MHz)	Electric field strength (V/m)	Magnetic field strength (A/m)	Power density (mW/cm ²)	Averaging time (minutes)
(i) Limits for Occupational/Controlled Exposure				
0.3-3.0	614	1.63	*(100)	≤6
3.0-30	1842/f	4.89/f	*(900/f ²)	<6
30-300	61.4	0.163	1.0	<6
300-1,500			f/300	<6
1,500-100,000			5	<6
(ii) Limits for General Population/Uncontrolled Exposure				
0.3-1.34	614	1.63	*(100)	<30
1.34-30	824/f	2.19/f	*(180/f ²)	<30
30-300	27.5	0.073	0.2	<30
300-1,500			f/1500	<30
1,500-100,000			1.0	<30

f = frequency in MHz. * = Plane-wave equivalent power density.

Table 1 to § 1.1310(e)(1) - Limits for Maximum Permissible Exposure (MPE)

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

5 MAXIMUM OUTPUT POWER

5.1 GSM/GPRS

EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max. Tolerance (dBm)	Burst average power	Source-based time average power
				Avg. (dBm)	Avg. (dBm)
GSM 850 (GMSK)	824.2	128	33.3	32.88	23.85
	836.6	190	33.3	32.69	23.66
	848.8	251	33.3	32.55	23.52
The division factor compared to the number of TX time slot					
Division factor				1 TX time slot	
					-9.03
Burst average power					
Max. Rated Avg. Power + Max. Tolerance (dBm)			33.3	31.2	29.5
			1Dn1UP Multi- class 8	1Dn2UP Multi- class 10	1Dn3UP Multi- class 11
					1Dn4UP Multi- class 12
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)
GPRS 850 (GMSK)	824.2	128	32.88	30.30	28.39
	836.6	190	32.69	30.22	28.45
	848.8	251	32.55	30.18	28.47
Source-based time average power					
GPRS 850 (GMSK)	824.2	128	23.85	24.28	24.13
	836.6	190	23.66	24.20	24.19
	848.8	251	23.52	24.16	24.21
The division factor compared to the number of TX time slot					
Division factor			1 TX time slot	2 TX time slot	3 TX time slot
			-9.03	-6.02	-4.26
					4 TX time slot
					-3.01
EUT mode	Frequency (MHz)	CH	Max. Rated Avg. Power + Max. Tolerance (dBm)	Burst average power	Source-based time average power
				Avg. (dBm)	Avg. (dBm)
GSM1900 (GMSK)	1850.2	512	30.2	29.49	20.46
	1880	661	30.2	29.51	20.48
	1909.8	810	30.2	29.32	20.29
The division factor compared to the number of TX time slot					
Division factor				1 TX time slot	
					-9.03

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Burst average power						
Max. Rated Avg. Power + Max. Tolerance (dBm)			30.2	28.2	26.7	25.9
			1Dn1UP Multi- class 8	1Dn2UP Multi- class 10	1Dn3UP Multi- class 11	1Dn4UP Multi- class 12
EUT mode	Frequency (MHz)	CH	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)	Avg. (dBm)
GPRS 1900 (GMSK)	1850.2	512	29.49	27.47	26.30	25.00
	1880	661	29.51	27.35	26.29	24.93
	1909.8	810	29.32	27.46	26.39	24.84
Source-based time average power						
GPRS 1900 (GMSK)	1850.2	512	20.46	21.45	22.04	21.99
	1880	661	20.48	21.33	22.03	21.92
	1909.8	810	20.29	21.44	22.13	21.83
The division factor compared to the number of TX time slot						
Division factor			1 TX time slot	2 TX time slot	3 TX time slot	4 TX time slot
			-9.03	-6.02	-4.26	-3.01

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

5.2 WCDMA

Band		WCDMA II		
TX Channel		9262	9400	9538
Frequency (MHz)		1852.4	1880	1907.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		23.30		
3GPP Rel 99	RMC 12.2Kbps	22.34	22.41	22.14
3GPP Rel 5	HSDPA Subtest-1	21.74	21.82	21.71
	HSDPA Subtest-2	21.67	21.76	21.74
	HSDPA Subtest-3	21.30	21.28	21.26
	HSDPA Subtest-4	21.24	21.35	21.21
3GPP Rel 6	HSUPA Subtest-1	21.74	21.76	21.86
	HSUPA Subtest-2	19.85	19.82	19.68
	HSUPA Subtest-3	20.77	20.76	20.79
	HSUPA Subtest-4	19.79	19.70	19.74
	HSUPA Subtest-5	21.74	21.80	21.68
Band		WCDMA IV		
TX Channel		1312	1413	1513
Frequency (MHz)		1712.4	1732.6	1752.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		23.30		
3GPP Rel 99	RMC 12.2Kbps	22.28	22.29	22.36
3GPP Rel 5	HSDPA Subtest-1	21.98	21.93	21.85
	HSDPA Subtest-2	21.86	21.88	21.82
	HSDPA Subtest-3	21.32	21.46	21.33
	HSDPA Subtest-4	21.47	21.32	21.33
3GPP Rel 6	HSUPA Subtest-1	21.96	21.81	21.91
	HSUPA Subtest-2	19.82	19.98	19.82
	HSUPA Subtest-3	20.90	20.83	20.96
	HSUPA Subtest-4	19.97	19.91	19.94
	HSUPA Subtest-5	21.81	21.82	21.98
Band		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		24.00		
3GPP Rel 99	RMC 12.2Kbps	23.02	23.07	22.96
3GPP Rel 5	HSDPA Subtest-1	22.05	22.04	22.19
	HSDPA Subtest-2	22.18	22.20	22.06
	HSDPA Subtest-3	21.59	21.58	21.63
	HSDPA Subtest-4	21.62	21.57	21.59
3GPP Rel 6	HSUPA Subtest-1	22.11	22.04	22.13
	HSUPA Subtest-2	20.04	20.08	20.07
	HSUPA Subtest-3	21.18	21.08	21.12
	HSUPA Subtest-4	20.06	20.09	20.02
	HSUPA Subtest-5	22.04	22.19	22.13

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

5.3 FDD LTE

LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1880	1900		
Channel				18700	18900	19100		
20	QPSK	1	0	22.13	22.15	22.35	23.30	0
		1	50	22.05	22.08	21.95	23.30	0
		1	99	22.19	22.14	22.26	23.30	0
		50	0	21.09	21.02	20.66	22.30	1
		50	25	21.01	21.04	20.74	22.30	1
		50	50	21.10	21.20	20.71	22.30	1
		100	0	21.06	21.00	20.67	22.30	1
20	16-QAM	1	0	21.09	21.14	21.10	22.30	1
		1	50	21.20	21.16	21.16	22.30	1
		1	99	21.05	21.09	21.12	22.30	1
		50	0	20.12	20.07	19.69	21.30	2
		50	25	20.01	20.07	19.76	21.30	2
		50	50	20.16	20.07	19.70	21.30	2
		100	0	20.02	20.14	19.66	21.30	2
20	64-QAM	1	0	20.11	20.06	20.96	21.30	2
		1	50	20.03	20.10	21.02	21.30	2
		1	99	20.19	20.14	20.91	21.30	2
		50	0	19.05	19.20	19.70	20.30	3
		50	25	19.02	19.08	19.75	20.30	3
		50	50	19.11	19.13	19.72	20.30	3
		100	0	19.05	19.07	19.69	20.30	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1880	1902.5		
Channel				18675	18900	19125		
15	QPSK	1	0	22.00	22.02	22.15	23.30	0
		1	36	22.17	22.02	22.05	23.30	0
		1	74	22.20	22.10	22.18	23.30	0
		36	0	21.12	21.04	21.00	22.30	1
		36	18	21.12	21.19	21.18	22.30	1
		36	37	21.05	21.18	21.05	22.30	1
		75	0	21.03	21.16	21.02	22.30	1
15	16-QAM	1	0	21.17	21.11	21.05	22.30	1
		1	36	21.06	21.05	21.16	22.30	1
		1	74	21.17	21.10	21.02	22.30	1
		36	0	20.04	20.12	20.03	21.30	2
		36	18	20.02	20.13	20.11	21.30	2
		36	37	20.02	20.03	20.14	21.30	2
		75	0	20.08	20.06	20.08	21.30	2
15	64-QAM	1	0	20.04	20.18	20.19	21.30	2
		1	36	20.06	20.02	20.05	21.30	2
		1	74	20.02	20.00	20.19	21.30	2
		36	0	19.10	19.08	19.05	20.30	3
		36	18	19.01	19.18	19.14	20.30	3
		36	37	19.10	19.05	19.19	20.30	3
		75	0	19.07	19.17	19.03	20.30	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1880	1905		
Channel				18650	18900	19150		
10	QPSK	1	0	22.11	22.10	22.10	23.30	0
		1	25	22.05	22.18	22.16	23.30	0
		1	49	22.15	22.20	22.13	23.30	0
		25	0	21.11	21.06	21.13	22.30	1
		25	12	21.13	21.07	21.14	22.30	1
		25	25	21.14	21.01	21.02	22.30	1
		50	0	21.05	21.13	21.13	22.30	1
10	16-QAM	1	0	21.07	21.14	21.18	22.30	1
		1	25	21.19	21.07	21.16	22.30	1
		1	49	21.13	21.01	21.12	22.30	1
		25	0	20.13	20.15	20.09	21.30	2
		25	12	20.06	20.10	20.18	21.30	2
		25	25	20.08	20.10	20.15	21.30	2
		50	0	20.09	20.01	20.15	21.30	2
10	64-QAM	1	0	20.12	20.20	20.15	21.30	2
		1	25	20.13	20.10	20.04	21.30	2
		1	49	20.16	20.18	20.07	21.30	2
		25	0	19.11	19.11	19.02	20.30	3
		25	12	19.00	19.02	19.06	20.30	3
		25	25	19.20	19.09	19.07	20.30	3
		50	0	19.06	19.10	19.10	20.30	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1880	1907.5		
Channel				18625	18900	19175		
5	QPSK	1	0	22.11	22.03	22.15	23.30	0
		1	12	22.03	22.07	22.02	23.30	0
		1	24	22.04	22.18	22.00	23.30	0
		12	0	21.19	21.02	21.13	22.30	1
		12	6	21.13	21.14	21.06	22.30	1
		12	13	21.19	21.10	21.07	22.30	1
		25	0	21.06	21.05	21.07	22.30	1
5	16-QAM	1	0	21.04	21.12	21.10	22.30	1
		1	12	21.16	21.13	21.11	22.30	1
		1	24	21.01	21.01	21.05	22.30	1
		12	0	20.18	20.05	20.11	21.30	2
		12	6	20.19	20.02	20.16	21.30	2
		12	13	20.08	20.12	20.16	21.30	2
		25	0	20.04	20.06	20.16	21.30	2
5	64-QAM	1	0	20.05	20.05	20.17	21.30	2
		1	12	20.03	20.18	20.09	21.30	2
		1	24	20.11	20.14	20.10	21.30	2
		12	0	19.07	19.02	19.18	20.30	3
		12	6	19.03	19.03	19.15	20.30	3
		12	13	19.06	19.10	19.15	20.30	3
		25	0	19.14	19.12	19.15	20.30	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1851.5	1880	1908.5		
Channel				18615	18900	19185		
3	QPSK	1	0	22.14	22.17	22.12	23.30	0
		1	7	22.10	22.13	22.14	23.30	0
		1	14	22.13	22.18	22.03	23.30	0
		8	0	21.01	21.11	21.12	22.30	1
		8	4	21.15	21.08	21.18	22.30	1
		8	7	21.18	21.07	21.15	22.30	1
		15	0	21.14	21.19	21.17	22.30	1
3	16-QAM	1	0	21.01	21.17	21.19	22.30	1
		1	7	21.02	21.03	21.07	22.30	1
		1	14	21.06	21.17	21.04	22.30	1
		8	0	20.00	20.02	20.09	21.30	2
		8	4	20.18	20.19	20.03	21.30	2
		8	7	20.10	20.13	20.07	21.30	2
		15	0	20.08	20.02	20.05	21.30	2
3	64-QAM	1	0	20.12	20.09	20.16	21.30	2
		1	7	20.20	20.05	20.15	21.30	2
		1	14	20.17	20.12	20.06	21.30	2
		8	0	19.14	19.04	19.17	20.30	3
		8	4	19.10	19.11	19.03	20.30	3
		8	7	19.17	19.12	19.14	20.30	3
		15	0	19.05	19.00	19.03	20.30	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1850.7	1880	1909.3		
Channel				18607	18900	19193		
1.4	QPSK	1	0	22.20	22.09	22.05	23.30	0
		1	2	22.06	22.09	22.06	23.30	0
		1	5	22.02	22.15	22.15	23.30	0
		3	0	21.31	21.36	21.38	23.30	0
		3	2	21.33	21.34	21.38	23.30	0
		3	3	21.33	21.36	21.37	23.30	0
		6	0	21.01	21.08	21.13	22.30	1
1.4	16-QAM	1	0	21.20	21.18	21.18	22.30	1
		1	2	21.16	21.14	21.19	22.30	1
		1	5	21.04	21.13	21.02	22.30	1
		3	0	20.33	20.36	20.37	22.30	1
		3	2	20.35	20.37	20.33	22.30	1
		3	3	20.36	20.37	20.31	22.30	1
		6	0	20.14	20.15	20.05	21.30	2
1.4	64-QAM	1	0	20.08	20.06	20.04	21.30	2
		1	2	20.05	20.15	20.07	21.30	2
		1	5	20.18	20.08	20.09	21.30	2
		3	0	19.39	19.35	19.32	21.30	2
		3	2	19.38	19.34	19.33	21.30	2
		3	3	19.37	19.34	19.31	21.30	2
		6	0	19.15	19.18	19.14	20.30	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1732.5	1745		
Channel				20050	20175	20300		
20	QPSK	1	0	22.22	22.35	22.46	23.30	0
		1	50	22.43	22.41	22.40	23.30	0
		1	99	22.31	22.40	22.42	23.30	0
		50	0	21.40	21.29	21.28	22.30	1
		50	25	21.42	21.43	21.33	22.30	1
		50	50	21.38	21.30	21.35	22.30	1
		100	0	21.38	21.32	21.44	22.30	1
20	16-QAM	1	0	21.37	21.26	21.26	22.30	1
		1	50	21.27	21.35	21.44	22.30	1
		1	99	21.33	21.29	21.25	22.30	1
		50	0	20.44	20.42	20.27	21.30	2
		50	25	20.33	20.27	20.37	21.30	2
		50	50	20.41	20.26	20.38	21.30	2
		100	0	20.29	20.26	20.40	21.30	2
20	64-QAM	1	0	20.37	20.38	20.42	21.30	2
		1	50	20.40	20.28	20.30	21.30	2
		1	99	20.29	20.35	20.27	21.30	2
		50	0	19.38	19.35	19.44	20.30	3
		50	25	19.26	19.44	19.38	20.30	3
		50	50	19.30	19.31	19.44	20.30	3
		100	0	19.40	19.38	19.40	20.30	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1717.5	1732.5	1747.5		
Channel				20025	20175	20325		
15	QPSK	1	0	22.42	22.42	22.26	23.30	0
		1	36	22.31	22.45	22.40	23.30	0
		1	74	22.30	22.44	22.29	23.30	0
		36	0	21.45	21.41	21.36	22.30	1
		36	18	21.34	21.38	21.31	22.30	1
		36	37	21.26	21.40	21.37	22.30	1
		75	0	21.31	21.25	21.35	22.30	1
15	16-QAM	1	0	21.40	21.39	21.37	22.30	1
		1	36	21.28	21.29	21.43	22.30	1
		1	74	21.30	21.34	21.30	22.30	1
		36	0	20.33	20.26	20.33	21.30	2
		36	18	20.39	20.36	20.34	21.30	2
		36	37	20.45	20.45	20.34	21.30	2
		75	0	20.27	20.39	20.27	21.30	2
15	64-QAM	1	0	20.28	20.25	20.27	21.30	2
		1	36	20.35	20.42	20.28	21.30	2
		1	74	20.30	20.41	20.38	21.30	2
		36	0	19.44	19.27	19.41	20.30	3
		36	18	19.27	19.26	19.35	20.30	3
		36	37	19.44	19.30	19.44	20.30	3
		75	0	19.41	19.25	19.26	20.30	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1715	1732.5	1750		
Channel				20000	20175	20350		
10	QPSK	1	0	22.38	22.31	22.26	23.30	0
		1	25	22.34	22.37	22.37	23.30	0
		1	49	22.37	22.34	22.37	23.30	0
		25	0	21.36	21.37	21.42	22.30	1
		25	12	21.40	21.35	21.27	22.30	1
		25	25	21.32	21.42	21.36	22.30	1
		50	0	21.30	21.28	21.41	22.30	1
10	16-QAM	1	0	21.37	21.43	21.36	22.30	1
		1	25	21.33	21.33	21.41	22.30	1
		1	49	21.31	21.43	21.27	22.30	1
		25	0	20.26	20.34	20.31	21.30	2
		25	12	20.41	20.25	20.36	21.30	2
		25	25	20.35	20.45	20.36	21.30	2
		50	0	20.28	20.27	20.37	21.30	2
10	64-QAM	1	0	20.34	20.35	20.39	21.30	2
		1	25	20.35	20.30	20.29	21.30	2
		1	49	20.26	20.41	20.32	21.30	2
		25	0	19.26	19.33	19.39	20.30	3
		25	12	19.29	19.38	19.38	20.30	3
		25	25	19.34	19.33	19.26	20.30	3
		50	0	19.38	19.32	19.32	20.30	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1712.5	1732.5	1752.5		
Channel				19975	20175	20375		
5	QPSK	1	0	22.26	22.32	22.27	23.30	0
		1	12	22.29	22.36	22.36	23.30	0
		1	24	22.42	22.29	22.40	23.30	0
		12	0	21.45	21.27	21.39	22.30	1
		12	6	21.27	21.27	21.31	22.30	1
		12	13	21.35	21.34	21.42	22.30	1
		25	0	21.42	21.36	21.38	22.30	1
5	16-QAM	1	0	21.33	21.32	21.43	22.30	1
		1	12	21.25	21.33	21.30	22.30	1
		1	24	21.29	21.42	21.35	22.30	1
		12	0	20.33	20.42	20.42	21.30	2
		12	6	20.35	20.36	20.39	21.30	2
		12	13	20.35	20.33	20.28	21.30	2
		25	0	20.26	20.40	20.32	21.30	2
5	64-QAM	1	0	20.34	20.42	20.39	21.30	2
		1	12	20.30	20.40	20.36	21.30	2
		1	24	20.27	20.36	20.31	21.30	2
		12	0	19.40	19.31	19.37	20.30	3
		12	6	19.41	19.28	19.30	20.30	3
		12	13	19.29	19.35	19.36	20.30	3
		25	0	19.30	19.41	19.39	20.30	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1711.5	1732.5	1753.5		
Channel				19965	20175	20385		
3	QPSK	1	0	22.45	22.33	22.34	23.30	0
		1	7	22.34	22.31	22.30	23.30	0
		1	14	22.42	22.43	22.41	23.30	0
		8	0	21.39	21.27	21.26	22.30	1
		8	4	21.28	21.31	21.34	22.30	1
		8	7	21.35	21.34	21.36	22.30	1
		15	0	21.39	21.28	21.37	22.30	1
3	16-QAM	1	0	21.36	21.44	21.44	22.30	1
		1	7	21.39	21.38	21.36	22.30	1
		1	14	21.37	21.38	21.35	22.30	1
		8	0	20.25	20.35	20.35	21.30	2
		8	4	20.29	20.38	20.33	21.30	2
		8	7	20.39	20.32	20.44	21.30	2
		15	0	20.26	20.40	20.27	21.30	2
3	64-QAM	1	0	20.32	20.29	20.38	21.30	2
		1	7	20.31	20.41	20.35	21.30	2
		1	14	20.36	20.44	20.36	21.30	2
		8	0	19.43	19.27	19.40	20.30	3
		8	4	19.27	19.40	19.27	20.30	3
		8	7	19.35	19.35	19.42	20.30	3
		15	0	19.29	19.32	19.42	20.30	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 4								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1710.7	1732.5	1754.3		
Channel				19957	20175	20393		
1.4	QPSK	1	0	22.30	22.40	22.41	23.30	0
		1	2	22.32	22.38	22.33	23.30	0
		1	5	22.41	22.35	22.45	23.30	0
		3	0	22.32	22.28	22.43	23.30	0
		3	2	22.25	22.30	22.32	23.30	0
		3	3	22.43	22.45	22.30	23.30	0
		6	0	21.29	21.28	21.44	22.30	1
1.4	16-QAM	1	0	21.37	21.35	21.44	22.30	1
		1	2	21.44	21.40	21.26	22.30	1
		1	5	21.41	21.34	21.30	22.30	1
		3	0	21.39	21.30	21.36	22.30	1
		3	2	21.44	21.28	21.44	22.30	1
		3	3	21.28	21.41	21.36	22.30	1
		6	0	20.39	20.26	20.43	21.30	2
1.4	64-QAM	1	0	20.30	20.38	20.30	21.30	2
		1	2	20.33	20.36	20.45	21.30	2
		1	5	20.34	20.36	20.26	21.30	2
		3	0	20.29	20.36	20.37	21.30	2
		3	2	20.31	20.26	20.29	21.30	2
		3	3	20.41	20.43	20.29	21.30	2
		6	0	19.39	19.29	19.28	20.30	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 5								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				829	836.5	844		
Channel				20450	20525	20600		
10	QPSK	1	0	23.22	23.02	22.84	24.00	0
		1	25	23.17	23.13	23.01	24.00	0
		1	49	23.21	23.20	23.20	24.00	0
		25	0	22.04	22.04	22.13	23.00	1
		25	12	22.08	22.15	22.18	23.00	1
		25	25	22.06	22.19	22.02	23.00	1
		50	0	22.10	22.10	22.14	23.00	1
10	16-QAM	1	0	22.02	22.15	22.14	23.00	1
		1	25	22.20	22.08	22.02	23.00	1
		1	49	22.02	22.15	22.20	23.00	1
		25	0	21.11	21.09	21.13	22.00	2
		25	12	21.11	21.14	21.14	22.00	2
		25	25	21.04	21.14	21.16	22.00	2
		50	0	21.05	21.12	21.13	22.00	2
10	64-QAM	1	0	21.15	21.15	21.11	22.00	2
		1	25	21.12	21.08	21.16	22.00	2
		1	49	21.03	21.19	21.14	22.00	2
		25	0	20.14	20.18	20.01	21.00	3
		25	12	20.19	20.21	20.13	21.00	3
		25	25	20.18	20.05	20.20	21.00	3
		50	0	20.15	20.11	20.08	21.00	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 5								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				826.5	836.5	846.5		
Channel				20425	20525	20625		
5	QPSK	1	0	23.19	23.14	23.16	24.00	0
		1	12	23.09	23.12	23.20	24.00	0
		1	24	23.15	23.12	23.11	24.00	0
		12	0	22.17	22.10	22.05	23.00	1
		12	6	22.19	22.03	22.06	23.00	1
		12	13	22.13	22.11	22.16	23.00	1
		25	0	22.04	22.13	22.18	23.00	1
5	16-QAM	1	0	22.11	22.06	22.04	23.00	1
		1	12	22.15	22.19	22.11	23.00	1
		1	24	22.05	22.05	22.07	23.00	1
		12	0	21.09	21.10	21.16	22.00	2
		12	6	21.13	21.17	21.18	22.00	2
		12	13	21.14	21.16	21.02	22.00	2
		25	0	21.11	21.04	21.06	22.00	2
5	64-QAM	1	0	21.20	21.18	21.12	22.00	2
		1	12	21.04	21.18	21.10	22.00	2
		1	24	21.10	21.12	21.01	22.00	2
		12	0	20.05	20.14	20.12	21.00	3
		12	6	20.03	20.18	20.06	21.00	3
		12	13	20.05	20.09	20.19	21.00	3
		25	0	20.12	20.08	20.16	21.00	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 5								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				825.5	836.5	847.5		
Channel				20415	20525	20635		
3	QPSK	1	0	23.04	23.09	23.14	24.00	0
		1	7	23.15	23.21	23.14	24.00	0
		1	14	23.12	23.12	23.13	24.00	0
		8	0	22.05	22.13	22.03	23.00	1
		8	4	22.20	22.06	22.13	23.00	1
		8	7	22.04	22.03	22.17	23.00	1
		15	0	22.01	22.09	22.11	23.00	1
3	16-QAM	1	0	22.02	22.08	22.19	23.00	1
		1	7	22.17	22.18	22.09	23.00	1
		1	14	22.18	22.16	22.08	23.00	1
		8	0	21.12	21.07	21.12	22.00	2
		8	4	21.09	21.16	21.08	22.00	2
		8	7	21.03	21.07	21.17	22.00	2
		15	0	21.10	21.19	21.04	22.00	2
3	64-QAM	1	0	21.17	21.16	21.17	22.00	2
		1	7	21.15	21.05	21.19	22.00	2
		1	14	21.15	21.04	21.11	22.00	2
		8	0	20.09	20.07	20.06	21.00	3
		8	4	20.14	20.16	20.06	21.00	3
		8	7	20.08	20.19	20.17	21.00	3
		15	0	20.13	20.18	20.08	21.00	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 5								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				824.7	836.5	848.3		
Channel				20407	20525	20643		
1.4	QPSK	1	0	23.02	23.19	23.08	24.00	0
		1	2	23.09	23.09	23.20	24.00	0
		1	5	23.08	23.07	23.18	24.00	0
		3	0	22.18	22.12	22.20	24.00	0
		3	2	22.20	22.13	22.08	24.00	0
		3	3	22.04	22.19	22.21	24.00	0
		6	0	22.17	22.15	22.15	23.00	1
1.4	16-QAM	1	0	22.11	22.18	22.15	23.00	1
		1	2	22.14	22.16	22.20	23.00	1
		1	5	22.12	22.19	22.18	23.00	1
		3	0	21.13	21.19	21.13	23.00	1
		3	2	21.17	21.12	21.15	23.00	1
		3	3	21.12	21.16	21.19	23.00	1
		6	0	21.04	21.18	21.16	22.00	2
1.4	64-QAM	1	0	21.03	21.16	21.05	22.00	2
		1	2	21.11	21.06	21.13	22.00	2
		1	5	21.19	21.17	21.18	22.00	2
		3	0	20.16	20.16	20.19	22.00	2
		3	2	20.12	20.13	20.10	22.00	2
		3	3	20.02	20.17	20.07	22.00	2
		6	0	20.19	20.12	20.13	21.00	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 7								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2510	2535	2560		
Channel				20850	21100	21350		
20	QPSK	1	0	22.25	21.79	21.83	23.30	0
		1	50	22.07	22.17	22.20	23.30	0
		1	99	22.10	22.21	22.03	23.30	0
		50	0	21.14	21.17	21.07	22.30	1
		50	25	21.03	21.10	21.06	22.30	1
		50	50	21.18	21.20	21.19	22.30	1
		100	0	21.17	21.13	21.02	22.30	1
20	16-QAM	1	0	21.06	21.12	21.04	22.30	1
		1	50	21.05	21.14	21.10	22.30	1
		1	99	21.11	21.06	21.11	22.30	1
		50	0	20.06	20.01	20.15	21.30	2
		50	25	20.19	20.06	20.08	21.30	2
		50	50	20.18	20.20	20.08	21.30	2
		100	0	20.08	20.17	20.02	21.30	2
20	64-QAM	1	0	20.08	20.02	20.11	21.30	2
		1	50	20.05	20.20	20.18	21.30	2
		1	99	20.02	20.20	20.14	21.30	2
		50	0	19.12	19.01	19.20	20.30	3
		50	25	19.17	19.19	19.07	20.30	3
		50	50	19.18	19.18	19.14	20.30	3
		100	0	19.05	19.16	19.03	20.30	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 7								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2507.5	2535	2562.5		
Channel				20825	21100	21375		
15	QPSK	1	0	22.10	22.18	22.06	23.30	0
		1	36	22.14	22.08	22.16	23.30	0
		1	74	22.18	22.14	22.18	23.30	0
		36	0	21.04	21.04	21.18	22.30	1
		36	18	21.19	21.13	21.20	22.30	1
		36	37	21.20	21.03	21.16	22.30	1
		75	0	21.13	21.10	21.07	22.30	1
15	16-QAM	1	0	21.08	21.17	21.06	22.30	1
		1	36	21.03	21.04	21.14	22.30	1
		1	74	21.13	21.14	21.19	22.30	1
		36	0	20.16	20.19	20.07	21.30	2
		36	18	20.16	20.21	20.13	21.30	2
		36	37	20.17	20.12	20.04	21.30	2
		75	0	20.17	20.16	20.17	21.30	2
15	64-QAM	1	0	20.15	20.02	20.07	21.30	2
		1	36	20.06	20.20	20.17	21.30	2
		1	74	20.20	20.20	20.11	21.30	2
		36	0	19.20	19.13	19.09	20.30	3
		36	18	19.10	19.06	19.06	20.30	3
		36	37	19.07	19.09	19.20	20.30	3
		75	0	19.17	19.11	19.06	20.30	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 7								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2505	2535	2565		
Channel				20800	21100	21400		
10	QPSK	1	0	22.12	22.19	22.01	23.30	0
		1	25	22.02	22.03	22.07	23.30	0
		1	49	22.09	22.06	22.18	23.30	0
		25	0	21.16	21.20	21.16	22.30	1
		25	12	21.15	21.13	21.11	22.30	1
		25	25	21.12	21.09	21.09	22.30	1
		50	0	21.12	21.18	21.04	22.30	1
10	16-QAM	1	0	21.19	21.08	21.19	22.30	1
		1	25	21.08	21.06	21.08	22.30	1
		1	49	21.01	21.21	21.08	22.30	1
		25	0	20.03	20.12	20.20	21.30	2
		25	12	20.01	20.10	20.19	21.30	2
		25	25	20.19	20.01	20.13	21.30	2
		50	0	20.08	20.20	20.09	21.30	2
10	64-QAM	1	0	20.21	20.20	20.16	21.30	2
		1	25	20.03	20.12	20.08	21.30	2
		1	49	20.17	20.06	20.12	21.30	2
		25	0	19.18	19.07	19.12	20.30	3
		25	12	19.07	19.10	19.14	20.30	3
		25	25	19.15	19.19	19.05	20.30	3
		50	0	19.01	19.03	19.12	20.30	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 7								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2502.5	2535	2567.5		
Channel				20775	21100	21425		
5	QPSK	1	0	22.15	22.02	22.03	23.30	0
		1	12	22.05	22.03	22.07	23.30	0
		1	24	22.11	22.10	22.09	23.30	0
		12	0	21.01	21.12	21.16	22.30	1
		12	6	21.10	21.09	21.06	22.30	1
		12	13	21.12	21.01	21.18	22.30	1
		25	0	21.10	21.15	21.13	22.30	1
5	16-QAM	1	0	21.17	21.16	21.18	22.30	1
		1	12	21.20	21.17	21.10	22.30	1
		1	24	21.02	21.02	21.05	22.30	1
		12	0	20.13	20.12	20.09	21.30	2
		12	6	20.10	20.11	20.08	21.30	2
		12	13	20.13	20.01	20.11	21.30	2
		25	0	20.06	20.08	20.09	21.30	2
5	64-QAM	1	0	20.17	20.20	20.14	21.30	2
		1	12	20.10	20.16	20.05	21.30	2
		1	24	20.09	20.04	20.20	21.30	2
		12	0	19.01	19.13	19.18	20.30	3
		12	6	19.02	19.10	19.09	20.30	3
		12	13	19.15	19.18	19.03	20.30	3
		25	0	19.18	19.04	19.01	20.30	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 12								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				704	707.5	711		
Channel				23060	23095	23130		
10	QPSK	1	0	22.70	22.76	22.74	24.00	0
		1	25	22.74	22.70	22.64	24.00	0
		1	49	22.72	22.57	22.67	24.00	0
		25	0	21.74	21.64	21.73	23.00	1
		25	12	21.70	21.60	21.68	23.00	1
		25	25	21.70	21.68	21.61	23.00	1
		50	0	21.59	21.61	21.65	23.00	1
10	16-QAM	1	0	21.56	21.68	21.68	23.00	1
		1	25	21.58	21.65	21.66	23.00	1
		1	49	21.72	21.74	21.56	23.00	1
		25	0	20.61	20.68	20.57	22.00	2
		25	12	20.67	20.73	20.65	22.00	2
		25	25	20.69	20.75	20.75	22.00	2
		50	0	20.64	20.74	20.71	22.00	2
10	64-QAM	1	0	20.64	20.71	20.56	22.00	2
		1	25	20.58	20.68	20.64	22.00	2
		1	49	20.67	20.60	20.63	22.00	2
		25	0	19.57	19.60	19.62	21.00	3
		25	12	19.67	19.56	19.56	21.00	3
		25	25	19.75	19.73	19.61	21.00	3
		50	0	19.62	19.69	19.66	21.00	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 12								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				701.5	707.5	713.5		
Channel				23035	23095	23155		
5	QPSK	1	0	22.56	22.64	22.67	24.00	0
		1	12	22.67	22.72	22.58	24.00	0
		1	24	22.74	22.65	22.58	24.00	0
		12	0	21.74	21.72	21.62	23.00	1
		12	6	21.71	21.68	21.73	23.00	1
		12	13	21.61	21.73	21.67	23.00	1
		25	0	21.59	21.75	21.68	23.00	1
5	16-QAM	1	0	21.56	21.56	21.63	23.00	1
		1	12	21.68	21.72	21.65	23.00	1
		1	24	21.58	21.74	21.63	23.00	1
		12	0	20.61	20.65	20.66	22.00	2
		12	6	20.69	20.57	20.68	22.00	2
		12	13	20.58	20.69	20.67	22.00	2
		25	0	20.68	20.56	20.62	22.00	2
5	64-QAM	1	0	20.60	20.73	20.62	22.00	2
		1	12	20.59	20.73	20.66	22.00	2
		1	24	20.69	20.57	20.75	22.00	2
		12	0	19.59	19.73	19.60	21.00	3
		12	6	19.61	19.70	19.61	21.00	3
		12	13	19.68	19.65	19.62	21.00	3
		25	0	19.63	19.60	19.66	21.00	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 12								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				700.5	707.5	714.5		
Channel				23025	23095	23165		
3	QPSK	1	0	22.69	22.73	22.72	24.00	0
		1	7	22.72	22.73	22.70	24.00	0
		1	14	22.75	22.75	22.71	24.00	0
		8	0	21.74	21.72	21.56	23.00	1
		8	4	21.73	21.72	21.70	23.00	1
		8	7	21.72	21.55	21.61	23.00	1
		15	0	21.57	21.63	21.71	23.00	1
3	16-QAM	1	0	21.56	21.72	21.59	23.00	1
		1	7	21.68	21.64	21.63	23.00	1
		1	14	21.60	21.69	21.70	23.00	1
		8	0	20.59	20.57	20.57	22.00	2
		8	4	20.58	20.69	20.64	22.00	2
		8	7	20.64	20.58	20.63	22.00	2
		15	0	20.67	20.74	20.74	22.00	2
3	64-QAM	1	0	20.57	20.59	20.58	22.00	2
		1	7	20.57	20.60	20.68	22.00	2
		1	14	20.61	20.61	20.69	22.00	2
		8	0	19.69	19.69	19.74	21.00	3
		8	4	19.74	19.57	19.62	21.00	3
		8	7	19.63	19.69	19.64	21.00	3
		15	0	19.72	19.58	19.59	21.00	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 12								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				699.7	707.5	715.3		
Channel				23017	23095	23173		
1.4	QPSK	1	0	22.66	22.64	22.57	24.00	0
		1	2	22.59	22.57	22.60	24.00	0
		1	5	22.71	22.61	22.66	24.00	0
		3	0	22.68	22.56	22.63	24.00	0
		3	2	22.70	22.55	22.66	24.00	0
		3	3	22.75	22.71	22.67	24.00	0
		6	0	21.56	21.61	21.55	23.00	1
1.4	16-QAM	1	0	21.62	21.61	21.68	23.00	1
		1	2	21.72	21.74	21.75	23.00	1
		1	5	21.56	21.65	21.61	23.00	1
		3	0	21.66	21.61	21.70	23.00	1
		3	2	21.69	21.64	21.67	23.00	1
		3	3	21.73	21.69	21.64	23.00	1
		6	0	20.57	20.65	20.57	22.00	2
1.4	64-QAM	1	0	20.59	20.56	20.60	22.00	2
		1	2	20.74	20.71	20.65	22.00	2
		1	5	20.56	20.72	20.74	22.00	2
		3	0	20.63	20.65	20.57	22.00	2
		3	2	20.69	20.69	20.71	22.00	2
		3	3	20.75	20.56	20.74	22.00	2
		6	0	19.70	19.59	19.59	21.00	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 13								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				782	782	782		
Channel				23230	23230	23230		
10	QPSK	1	0	22.85	23.01	22.84	24.00	0
		1	25	22.85	22.97	22.76	24.00	0
		1	49	22.74	22.98	22.87	24.00	0
		25	0	21.82	21.98	21.82	23.00	1
		25	12	21.85	22.00	21.71	23.00	1
		25	25	21.71	21.86	21.81	23.00	1
		50	0	21.84	21.96	21.88	23.00	1
10	16-QAM	1	0	21.75	21.84	21.90	23.00	1
		1	25	21.82	21.83	21.76	23.00	1
		1	49	21.73	21.98	21.84	23.00	1
		25	0	20.71	20.87	20.90	22.00	2
		25	12	20.86	20.89	20.88	22.00	2
		25	25	20.76	21.00	20.87	22.00	2
		50	0	20.84	20.88	20.83	22.00	2
10	64-QAM	1	0	20.83	20.89	20.89	22.00	2
		1	25	20.74	20.83	20.77	22.00	2
		1	49	20.80	20.95	20.88	22.00	2
		25	0	19.80	19.89	19.86	21.00	3
		25	12	19.71	19.88	19.79	21.00	3
		25	25	19.76	19.96	19.76	21.00	3
		50	0	19.81	19.92	19.78	21.00	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 13								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				779.5	782	784.5		
Channel				23205	23230	23255		
5	QPSK	1	0	22.76	22.83	22.74	24.00	0
		1	12	22.86	22.85	22.71	24.00	0
		1	24	22.90	22.74	22.78	24.00	0
		12	0	21.74	21.78	21.76	23.00	1
		12	6	21.74	21.84	21.82	23.00	1
		12	13	21.78	21.75	21.80	23.00	1
		25	0	21.84	21.87	21.84	23.00	1
5	16-QAM	1	0	21.73	21.90	21.72	23.00	1
		1	12	21.77	21.89	21.74	23.00	1
		1	24	21.79	21.88	21.86	23.00	1
		12	0	20.80	20.71	20.87	22.00	2
		12	6	20.74	20.86	20.82	22.00	2
		12	13	20.81	20.73	20.88	22.00	2
		25	0	20.75	20.88	20.80	22.00	2
5	64-QAM	1	0	20.71	20.87	20.71	22.00	2
		1	12	20.72	20.88	20.73	22.00	2
		1	24	20.79	20.83	20.90	22.00	2
		12	0	19.87	19.90	19.81	21.00	3
		12	6	19.75	19.77	19.75	21.00	3
		12	13	19.83	19.79	19.90	21.00	3
		25	0	19.84	19.87	19.72	21.00	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 17								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				709	710	711		
Channel				23780	23790	23800		
10	QPSK	1	0	22.72	22.96	22.79	24.00	0
		1	25	22.92	22.69	22.84	24.00	0
		1	49	22.90	22.61	22.75	24.00	0
		25	0	21.79	21.73	21.94	23.00	1
		25	12	21.81	21.79	21.78	23.00	1
		25	25	21.89	21.69	21.80	23.00	1
		50	0	21.81	21.71	21.88	23.00	1
10	16-QAM	1	0	21.86	22.19	21.83	23.00	1
		1	25	21.80	22.12	21.83	23.00	1
		1	49	21.95	21.93	21.82	23.00	1
		25	0	20.91	20.72	20.79	22.00	2
		25	12	20.90	20.74	20.76	22.00	2
		25	25	20.90	20.73	20.90	22.00	2
		50	0	20.84	20.60	20.89	22.00	2
10	64-QAM	1	0	20.79	21.20	20.76	22.00	2
		1	25	20.91	20.86	20.93	22.00	2
		1	49	20.79	21.17	20.91	22.00	2
		25	0	19.90	19.74	19.81	21.00	3
		25	12	19.78	19.79	19.82	21.00	3
		25	25	19.78	19.61	19.86	21.00	3
		50	0	19.80	19.74	19.88	21.00	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 17								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				706.5	710	713.5		
Channel				23755	23790	23825		
5	QPSK	1	0	22.95	22.86	22.88	24.00	0
		1	12	22.87	22.76	22.78	24.00	0
		1	24	22.81	22.89	22.79	24.00	0
		12	0	21.90	21.82	21.84	23.00	1
		12	6	21.91	21.78	21.88	23.00	1
		12	13	21.78	21.80	21.75	23.00	1
		25	0	21.95	21.88	21.77	23.00	1
5	16-QAM	1	0	21.78	21.78	21.91	23.00	1
		1	12	21.80	21.87	21.86	23.00	1
		1	24	21.88	21.84	21.80	23.00	1
		12	0	20.77	20.85	20.90	22.00	2
		12	6	20.80	20.85	20.92	22.00	2
		12	13	20.83	20.75	20.79	22.00	2
		25	0	20.90	20.81	20.92	22.00	2
5	64-QAM	1	0	20.78	20.77	20.83	22.00	2
		1	12	20.85	20.93	20.81	22.00	2
		1	24	20.83	20.90	20.83	22.00	2
		12	0	19.91	19.84	19.77	21.00	3
		12	6	19.77	19.88	19.86	21.00	3
		12	13	19.88	19.84	19.84	21.00	3
		25	0	19.92	19.88	19.85	21.00	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1745	1770		
Channel				132072	132322	132572		
20	QPSK	1	0	22.45	22.29	22.23	23.30	0
		1	50	22.41	22.41	22.40	23.30	0
		1	99	22.34	22.27	22.30	23.30	0
		50	0	21.33	21.29	21.35	22.30	1
		50	25	21.40	21.36	21.35	22.30	1
		50	50	21.26	21.26	21.43	22.30	1
		100	0	21.27	21.42	21.39	22.30	1
20	16-QAM	1	0	21.40	21.40	21.32	22.30	1
		1	50	21.39	21.24	21.43	22.30	1
		1	99	21.32	21.34	21.31	22.30	1
		50	0	20.33	20.44	20.34	21.30	2
		50	25	20.32	20.28	20.43	21.30	2
		50	50	20.29	20.35	20.39	21.30	2
		100	0	20.34	20.42	20.27	21.30	2
20	64-QAM	1	0	20.33	20.32	20.28	21.30	2
		1	50	20.42	20.24	20.43	21.30	2
		1	99	20.32	20.26	20.24	21.30	2
		50	0	19.24	19.41	19.31	20.30	3
		50	25	19.25	19.43	19.28	20.30	3
		50	50	19.35	19.32	19.30	20.30	3
		100	0	19.36	19.25	19.32	20.30	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1717.5	1745	1772.5		
Channel				132047	132322	132597		
15	QPSK	1	0	22.44	22.39	22.42	23.30	0
		1	36	22.34	22.42	22.27	23.30	0
		1	74	22.35	22.30	22.25	23.30	0
		36	0	21.38	21.31	21.39	22.30	1
		36	18	21.42	21.35	21.42	22.30	1
		36	37	21.28	21.27	21.28	22.30	1
		75	0	21.33	21.40	21.36	22.30	1
15	16-QAM	1	0	21.35	21.37	21.43	22.30	1
		1	36	21.37	21.27	21.35	22.30	1
		1	74	21.33	21.31	21.42	22.30	1
		36	0	20.31	20.32	20.42	21.30	2
		36	18	20.40	20.25	20.36	21.30	2
		36	37	20.24	20.37	20.26	21.30	2
		75	0	20.32	20.40	20.28	21.30	2
15	64-QAM	1	0	20.25	20.26	20.28	21.30	2
		1	36	20.28	20.25	20.39	21.30	2
		1	74	20.35	20.26	20.30	21.30	2
		36	0	19.34	19.25	19.29	20.30	3
		36	18	19.28	19.28	19.43	20.30	3
		36	37	19.38	19.29	19.28	20.30	3
		75	0	19.31	19.29	19.36	20.30	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1715	1745	1775		
Channel				132022	132322	132622		
10	QPSK	1	0	22.32	22.37	22.25	23.30	0
		1	25	22.30	22.29	22.42	23.30	0
		1	49	22.41	22.26	22.38	23.30	0
		25	0	21.38	21.31	21.36	22.30	1
		25	12	21.26	21.32	21.25	22.30	1
		25	25	21.26	21.32	21.33	22.30	1
		50	0	21.43	21.24	21.26	22.30	1
10	16-QAM	1	0	21.28	21.31	21.25	22.30	1
		1	25	21.38	21.39	21.33	22.30	1
		1	49	21.32	21.28	21.35	22.30	1
		25	0	20.42	20.38	20.35	21.30	2
		25	12	20.27	20.26	20.32	21.30	2
		25	25	20.26	20.25	20.30	21.30	2
		50	0	20.31	20.33	20.24	21.30	2
10	64-QAM	1	0	20.31	20.31	20.28	21.30	2
		1	25	20.41	20.35	20.41	21.30	2
		1	49	20.29	20.38	20.41	21.30	2
		25	0	19.29	19.29	19.43	20.30	3
		25	12	19.35	19.37	19.41	20.30	3
		25	25	19.26	19.30	19.38	20.30	3
		50	0	19.35	19.32	19.43	20.30	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1712.5	1745	1777.5		
Channel				131997	132322	132647		
5	QPSK	1	0	22.24	22.38	22.36	23.30	0
		1	12	22.27	22.32	22.38	23.30	0
		1	24	22.27	22.33	22.30	23.30	0
		12	0	21.26	21.42	21.39	22.30	1
		12	6	21.24	21.35	21.39	22.30	1
		12	13	21.31	21.40	21.27	22.30	1
		25	0	21.36	21.31	21.44	22.30	1
5	16-QAM	1	0	21.32	21.24	21.35	22.30	1
		1	12	21.34	21.35	21.25	22.30	1
		1	24	21.40	21.37	21.33	22.30	1
		12	0	20.33	20.33	20.34	21.30	2
		12	6	20.27	20.39	20.35	21.30	2
		12	13	20.31	20.32	20.44	21.30	2
		25	0	20.28	20.37	20.29	21.30	2
5	64-QAM	1	0	20.39	20.32	20.29	21.30	2
		1	12	20.31	20.25	20.39	21.30	2
		1	24	20.27	20.42	20.25	21.30	2
		12	0	19.30	19.32	19.26	20.30	3
		12	6	19.31	19.29	19.24	20.30	3
		12	13	19.32	19.26	19.43	20.30	3
		25	0	19.32	19.26	19.42	20.30	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1711.5	1745	1778.5		
Channel				131987	132322	132657		
3	QPSK	1	0	22.35	22.39	22.31	23.30	0
		1	7	22.42	22.25	22.33	23.30	0
		1	14	22.37	22.26	22.37	23.30	0
		8	0	21.29	21.39	21.25	22.30	1
		8	4	21.37	21.26	21.28	22.30	1
		8	7	21.44	21.43	21.25	22.30	1
		15	0	21.41	21.28	21.24	22.30	1
3	16-QAM	1	0	21.44	21.38	21.39	22.30	1
		1	7	21.26	21.43	21.30	22.30	1
		1	14	21.30	21.32	21.32	22.30	1
		8	0	20.40	20.37	20.36	21.30	2
		8	4	20.27	20.40	20.39	21.30	2
		8	7	20.39	20.41	20.42	21.30	2
		15	0	20.37	20.41	20.39	21.30	2
3	64-QAM	1	0	20.29	20.30	20.36	21.30	2
		1	7	20.42	20.41	20.32	21.30	2
		1	14	20.32	20.31	20.32	21.30	2
		8	0	19.39	19.33	19.32	20.30	3
		8	4	19.26	19.37	19.33	20.30	3
		8	7	19.37	19.29	19.28	20.30	3
		15	0	19.27	19.31	19.30	20.30	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 66								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1710.7	1745	1779.3		
Channel				131979	132322	132665		
1.4	QPSK	1	0	22.40	22.41	22.32	23.30	0
		1	2	22.27	22.24	22.36	23.30	0
		1	5	22.41	22.30	22.35	23.30	0
		3	0	22.44	22.35	22.25	23.30	0
		3	2	22.30	22.34	22.24	23.30	0
		3	3	22.43	22.36	22.28	23.30	0
		6	0	21.32	21.29	21.39	22.30	1
1.4	16-QAM	1	0	21.29	21.37	21.40	22.30	1
		1	2	21.31	21.36	21.32	22.30	1
		1	5	21.43	21.43	21.35	22.30	1
		3	0	21.25	21.39	21.38	22.30	1
		3	2	21.28	21.28	21.43	22.30	1
		3	3	21.28	21.44	21.24	22.30	1
		6	0	20.32	20.28	20.36	21.30	2
1.4	64-QAM	1	0	20.29	20.35	20.30	21.30	2
		1	2	20.25	20.26	20.37	21.30	2
		1	5	20.27	20.37	20.43	21.30	2
		3	0	20.41	20.36	20.29	21.30	2
		3	2	20.27	20.34	20.27	21.30	2
		3	3	20.33	20.39	20.42	21.30	2
		6	0	19.31	19.28	19.37	20.30	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

5.4 TDD LTE

LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2580	2595	2610		
Channel				37850	38000	38150		
20	QPSK	1	0	22.78	22.66	22.65	24.00	0
		1	50	22.75	22.74	22.68	24.00	0
		1	99	22.58	22.62	22.69	24.00	0
		50	0	21.84	21.69	21.76	23.00	1
		50	25	21.83	21.72	21.63	23.00	1
		50	50	21.75	21.74	21.74	23.00	1
		100	0	21.80	21.65	21.76	23.00	1
20	16-QAM	1	0	21.68	21.69	21.62	23.00	1
		1	50	21.93	21.72	21.69	23.00	1
		1	99	21.64	21.71	21.65	23.00	1
		50	0	20.91	20.68	20.71	22.00	2
		50	25	20.83	20.66	20.57	22.00	2
		50	50	20.82	20.73	20.61	22.00	2
		100	0	20.82	20.60	20.65	22.00	2
20	64-QAM	1	0	20.86	20.72	20.66	22.00	2
		1	50	21.17	20.67	20.72	22.00	2
		1	99	20.59	20.68	20.69	22.00	2
		50	0	19.86	19.75	19.57	21.00	3
		50	25	19.93	19.66	19.60	21.00	3
		50	50	19.77	19.59	19.71	21.00	3
		100	0	19.83	19.65	19.65	21.00	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2577.5	2595	2612.5		
Channel				37825	38000	38175		
15	QPSK	1	0	22.70	22.69	22.58	24.00	0
		1	36	22.63	22.72	22.58	24.00	0
		1	74	22.73	22.63	22.65	24.00	0
		36	0	21.74	21.60	21.65	23.00	1
		36	18	21.64	21.66	21.67	23.00	1
		36	37	21.59	21.60	21.68	23.00	1
		75	0	21.66	21.61	21.58	23.00	1
15	16-QAM	1	0	21.77	21.73	21.58	23.00	1
		1	36	21.61	21.60	21.69	23.00	1
		1	74	21.58	21.59	21.68	23.00	1
		36	0	20.63	20.66	20.58	22.00	2
		36	18	20.63	20.60	20.70	22.00	2
		36	37	20.72	20.72	20.59	22.00	2
		75	0	20.66	20.65	20.64	22.00	2
15	64-QAM	1	0	20.68	20.59	20.68	22.00	2
		1	36	20.70	20.63	20.61	22.00	2
		1	74	20.71	20.59	20.65	22.00	2
		36	0	19.64	19.58	19.58	21.00	3
		36	18	19.71	19.66	19.62	21.00	3
		36	37	19.74	19.58	19.64	21.00	3
		75	0	19.66	19.76	19.64	21.00	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2575	2595	2615		
Channel				37800	38000	38200		
10	QPSK	1	0	22.64	22.71	22.77	24.00	0
		1	25	22.72	22.71	22.61	24.00	0
		1	49	22.65	22.69	22.67	24.00	0
		25	0	21.61	21.72	21.75	23.00	1
		25	12	21.65	21.59	21.60	23.00	1
		25	25	21.63	21.75	21.61	23.00	1
		50	0	21.71	21.75	21.59	23.00	1
10	16-QAM	1	0	21.64	21.60	21.68	23.00	1
		1	25	21.66	21.67	21.65	23.00	1
		1	49	21.59	21.73	21.68	23.00	1
		25	0	20.73	20.69	20.64	22.00	2
		25	12	20.76	20.62	20.68	22.00	2
		25	25	20.60	20.60	20.62	22.00	2
		50	0	20.59	20.77	20.72	22.00	2
10	64-QAM	1	0	20.67	20.64	20.75	22.00	2
		1	25	20.72	20.64	20.59	22.00	2
		1	49	20.77	20.71	20.64	22.00	2
		25	0	19.63	19.60	19.61	21.00	3
		25	12	19.70	19.64	19.64	21.00	3
		25	25	19.74	19.69	19.74	21.00	3
		50	0	19.76	19.58	19.62	21.00	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 38								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2572.5	2595	2617.5		
Channel				37775	38000	38225		
5	QPSK	1	0	22.63	22.59	22.64	24.00	0
		1	12	22.69	22.75	22.65	24.00	0
		1	24	22.72	22.64	22.74	24.00	0
		12	0	21.71	21.72	21.58	23.00	1
		12	6	21.64	21.72	21.63	23.00	1
		12	13	21.69	21.69	21.62	23.00	1
		25	0	21.64	21.61	21.65	23.00	1
5	16-QAM	1	0	21.73	21.57	21.74	23.00	1
		1	12	21.60	21.60	21.75	23.00	1
		1	24	21.63	21.66	21.71	23.00	1
		12	0	20.72	20.68	20.60	22.00	2
		12	6	20.71	20.63	20.75	22.00	2
		12	13	20.71	20.68	20.67	22.00	2
		25	0	20.59	20.59	20.59	22.00	2
5	64-QAM	1	0	20.61	20.65	20.65	22.00	2
		1	12	20.74	20.69	20.65	22.00	2
		1	24	20.58	20.57	20.59	22.00	2
		12	0	19.76	19.58	19.65	21.00	3
		12	6	19.58	19.73	19.58	21.00	3
		12	13	19.64	19.60	19.69	21.00	3
		25	0	19.70	19.69	19.64	21.00	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 41										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506	2549.5	2593	2636.5	2680		
Channel				39750	40185	40620	41055	41490		
20	QPSK	1	0	22.66	22.75	22.86	22.73	23.05	24.00	0
		1	50	22.88	23.04	23.02	23.00	22.87	24.00	0
		1	99	22.85	22.92	22.85	22.88	23.01	24.00	0
		50	0	21.90	22.01	21.90	21.93	21.94	23.00	1
		50	25	21.90	21.90	21.87	21.89	21.90	23.00	1
		50	50	21.92	21.90	21.86	21.85	21.93	23.00	1
20	16-QAM	100	0	21.92	21.85	22.00	21.92	22.02	23.00	1
		1	0	21.87	21.93	21.97	22.03	21.95	23.00	1
		1	50	21.84	21.88	22.01	21.96	22.01	23.00	1
		1	99	21.85	21.85	21.93	21.84	21.95	23.00	1
		50	0	20.92	20.94	20.91	21.01	21.02	22.00	2
		50	25	21.02	20.94	20.85	21.01	20.96	22.00	2
20	64-QAM	50	50	20.85	20.98	20.92	20.92	21.00	22.00	2
		100	0	20.92	20.93	20.84	20.96	20.91	22.00	2
		1	0	21.01	21.01	20.87	21.04	20.90	22.00	2
		1	50	20.94	20.87	20.87	21.00	20.91	22.00	2
		1	99	20.87	20.91	20.95	20.87	21.02	22.00	2
		50	0	19.86	20.01	19.97	19.86	19.84	21.00	3
20	64-QAM	50	25	19.91	19.86	20.00	19.98	19.86	21.00	3
		50	50	20.03	19.85	19.89	19.98	20.02	21.00	3
		100	0	19.99	19.98	20.03	19.97	19.90	21.00	3

LTE Band 41										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2548.3	2593	2637.8	2682.5		
Channel				39725	40173	40620	41068	41515		
15	QPSK	1	0	22.88	22.85	22.92	23.00	23.04	24.00	0
		1	36	22.84	22.98	22.99	23.02	22.88	24.00	0
		1	74	22.90	22.96	23.01	22.99	22.99	24.00	0
		36	0	21.84	22.04	21.95	22.01	21.86	23.00	1
		36	18	21.85	21.87	21.94	21.86	22.03	23.00	1
		36	37	21.87	21.92	21.90	21.84	21.97	23.00	1
15	16-QAM	75	0	21.87	21.87	21.93	21.97	21.90	23.00	1
		1	0	21.94	21.84	21.90	21.90	22.02	23.00	1
		1	36	21.91	21.87	21.94	22.00	21.94	23.00	1
		1	74	21.88	21.98	21.99	21.92	21.85	23.00	1
		36	0	20.92	20.98	20.86	20.94	20.99	22.00	2
		36	18	20.90	20.97	21.04	20.97	20.92	22.00	2
15	64-QAM	36	37	21.03	20.85	20.91	20.94	20.94	22.00	2
		75	0	20.97	21.04	21.01	20.90	21.03	22.00	2
		1	0	20.90	20.92	20.97	20.87	21.01	22.00	2
		1	36	20.98	21.02	21.03	21.00	20.99	22.00	2
		1	74	21.02	20.88	21.02	20.98	20.93	22.00	2
		36	0	19.94	20.02	20.02	19.87	19.98	21.00	3
15	64-QAM	36	18	19.91	20.01	19.90	20.03	19.93	21.00	3
		36	37	19.95	19.93	19.84	20.04	19.95	21.00	3
		75	0	19.97	20.02	20.02	19.99	19.99	21.00	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

LTE Band 41										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501	2547	2593	2639	2685		
Channel				39700	40160	40620	41080	41540		
10	QPSK	1	0	22.88	22.87	22.94	22.86	22.87	24.00	0
		1	25	22.92	22.91	22.90	22.97	22.99	24.00	0
		1	49	22.92	22.87	23.00	22.96	23.03	24.00	0
		25	0	21.98	21.91	21.85	22.00	21.96	23.00	1
		25	12	21.99	21.92	21.93	21.89	21.91	23.00	1
		25	25	21.88	22.00	21.97	21.87	21.97	23.00	1
10	16-QAM	50	0	21.96	21.91	21.95	21.87	21.91	23.00	1
		1	0	22.00	22.03	21.97	21.91	21.90	23.00	1
		1	25	22.01	21.87	21.94	22.01	21.93	23.00	1
		1	49	21.97	21.95	21.92	22.01	21.92	23.00	1
		25	0	20.87	21.02	20.86	20.90	20.87	22.00	2
		25	12	20.91	20.93	20.97	21.03	20.92	22.00	2
10	64-QAM	25	25	20.91	20.98	20.91	20.85	20.90	22.00	2
		50	0	20.89	20.85	20.89	21.00	20.85	22.00	2
		1	0	20.96	20.98	20.96	20.96	20.97	22.00	2
		1	25	21.01	20.88	20.85	20.87	21.00	22.00	2
		1	49	20.87	20.99	20.92	20.91	20.99	22.00	2
		25	0	20.00	19.93	19.88	19.90	19.93	21.00	3
10	64-QAM	25	12	19.91	19.90	19.96	19.85	19.86	21.00	3
		25	25	20.00	19.87	19.86	20.01	19.96	21.00	3
		50	0	19.90	19.96	19.90	19.95	19.86	21.00	3

LTE Band 41										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2498.5	2545.8	2593	2640.3	2687.5		
Channel				39675	40148	40620	41093	41565		
5	QPSK	1	0	22.90	22.89	22.86	22.90	22.97	24.00	0
		1	12	22.94	22.86	22.94	22.99	23.01	24.00	0
		1	24	23.02	22.85	22.89	22.90	22.99	24.00	0
		12	0	21.98	21.92	21.95	21.88	21.89	23.00	1
		12	6	21.88	22.00	21.84	21.94	21.98	23.00	1
		12	13	22.01	21.94	21.93	21.88	21.87	23.00	1
5	16-QAM	25	0	21.94	21.95	21.91	21.86	21.86	23.00	1
		1	0	21.99	21.89	21.93	21.89	21.99	23.00	1
		1	12	22.00	22.00	21.84	22.02	21.95	23.00	1
		1	24	22.04	21.95	21.85	22.04	21.91	23.00	1
		12	0	20.98	20.89	20.93	20.85	20.97	22.00	2
		12	6	20.85	20.93	20.95	20.97	20.98	22.00	2
5	64-QAM	12	13	20.94	20.94	20.97	20.94	20.93	22.00	2
		25	0	21.03	21.02	20.97	20.95	20.86	22.00	2
		1	0	20.87	20.86	21.04	20.86	20.95	22.00	2
		1	12	21.01	20.96	21.00	20.92	20.91	22.00	2
		1	24	20.90	20.97	20.98	20.87	20.98	22.00	2
		12	0	19.94	19.92	19.97	20.01	20.03	21.00	3
5	64-QAM	12	6	19.96	19.85	19.88	19.88	19.84	21.00	3
		12	13	19.91	20.00	19.85	19.95	19.98	21.00	3
		25	0	20.03	20.04	19.95	19.93	19.85	21.00	3

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

5.5 LTE Intra-Band UL CA

CA_66B														
Combination 50RB + 50RB (10MHz + 10MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
10	QPSK	1715	132022	1	49	10	QPSK	1724.9	132121	1	0	0	21.33	23.30
10	QPSK	1750.1	132373	1	49	10	QPSK	1760	132472	1	0	0	21.51	23.30
10	QPSK	1765.1	132523	1	49	10	QPSK	1775	132622	1	0	0	21.37	23.30
CA_66B														
Combination 25RB + 75RB (5MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
5	QPSK	1713	132002	1	24	15	QPSK	1722.3	132095	1	0	0	21.44	23.30
5	QPSK	1748.1	132353	1	24	15	QPSK	1757.4	132446	1	0	0	21.45	23.30
5	QPSK	1763.2	132504	1	24	15	QPSK	1772.5	132597	1	0	0	21.31	23.30
CA_66B														
Combination 25RB + 50RB (5MHz + 10MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
5	QPSK	1712.8	132000	1	24	10	QPSK	1720	132072	1	0	0	21.50	23.30
5	QPSK	1750.3	132375	1	24	10	QPSK	1757.5	132447	1	0	0	21.48	23.30
5	QPSK	1767.8	132550	1	24	10	QPSK	1775	132622	1	0	0	21.36	23.30
CA_66B														
Combination 25RB + 25RB (5MHz + 5MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
5	QPSK	1712.5	131997	1	24	5	QPSK	1717.3	132045	1	0	0	21.41	23.30
5	QPSK	1752.6	132398	1	24	5	QPSK	1757.4	132446	1	0	0	21.43	23.30
5	QPSK	1772.7	132599	1	24	5	QPSK	1777.5	132647	1	0	0	21.41	23.30
CA_66C														
Combination 100RB + 100RB (20MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	1720	132072	1	99	20	QPSK	1739.8	132270	1	0	0	21.39	23.30
20	QPSK	1745.1	132323	1	99	20	QPSK	1764.9	132521	1	0	0	21.50	23.30
20	QPSK	1750.2	132374	1	99	20	QPSK	1770	132572	1	0	0	21.41	23.30
CA_66C														
Combination 75RB + 100RB (15MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	1717.8	132050	1	74	20	QPSK	1734.9	132221	1	0	0	21.31	23.30
15	QPSK	1745.3	132325	1	74	20	QPSK	1762.4	132496	1	0	0	21.31	23.30
15	QPSK	1752.9	132401	1	74	20	QPSK	1770	132572	1	0	0	21.32	23.30
CA_66C														
Combination 75RB + 75RB (15MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
15	QPSK	1717.5	132047	1	74	15	QPSK	1732.5	132197	1	0	0	21.46	23.30
15	QPSK	1747.5	132347	1	74	15	QPSK	1762.5	132497	1	0	0	21.33	23.30
15	QPSK	1757.5	132447	1	74	15	QPSK	1772.5	132597	1	0	0	21.35	23.30
CA_66C														
Combination 50RB + 100RB (10MHz + 20MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
10	QPSK	1715.5	132027	1	49	20	QPSK	1729.9	132171	1	0	0	21.32	23.30
10	QPSK	1745.6	132328	1	49	20	QPSK	1760	132472	1	0	0	21.40	23.30
10	QPSK	1755.6	132428	1	49	20	QPSK	1770	132572	1	0	0	21.38	23.30
CA_66C														
Combination 50RB + 75RB (10MHz + 15MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
10	QPSK	1715.3	132025	1	49	15	QPSK	1727.3	132145	1	0	0	21.37	23.30
10	QPSK	1747.9	132351	1	49	15	QPSK	1759.9	132471	1	0	0	21.45	23.30
10	QPSK	1760.5	132477	1	49	15	QPSK	1772.5	132597	1	0	0	21.44	23.30
CA_66C														
Combination 100RB + 25RB (20MHz + 5MHz)														
PCC						SCC						MPR (dB)	UL CA power	
Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset	Bandwidth [MHz]	Modulation	Frequency [MHz]	Channel	RB size	RB Offset		Measured (dBm)	Tune-up limit (dBm)
20	QPSK	1720	132072	1	99	5	QPSK	1731.7	132189	1	0	0	21.37	23.30
20	QPSK	1752.5	132397	1	99	5	QPSK	1764.2	132514	1	0	0	21.45	23.30
20	QPSK	1765	132522	1	99	5	QPSK	1776.7	132639	1	0	0	21.32	23.30

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

5.6 FDD NR

5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				834	836.5	839		
Channel				166800	167300	167800		
20	Pi/2 BPSK	1	1	23.00	23.06	23.00	24.50	0.0
		1	53	22.85	23.00	22.98	24.50	0.0
		1	104	22.94	22.96	22.86	24.50	0.0
		50	0	22.45	22.40	22.35	24.00	0.5
		50	28	23.02	22.98	22.96	24.50	0.0
		50	56	22.44	22.34	22.50	24.00	0.5
		100	0	22.45	22.36	22.41	24.00	0.5
	QPSK	1	1	22.90	22.96	22.89	24.50	0.0
		1	53	23.00	23.00	22.94	24.50	0.0
		1	104	22.93	22.89	22.95	24.50	0.0
		50	0	21.86	21.90	22.04	23.50	1.0
		50	28	22.86	23.00	22.96	24.50	0.0
		50	56	21.94	21.90	22.03	23.50	1.0
		100	0	21.90	22.00	21.86	23.50	1.0
	16-QAM	1	1	21.87	22.00	21.88	23.50	1.0
	64QAM	1	1	20.37	20.36	20.38	22.00	2.5
	256-QAM	1	1	18.50	18.35	18.42	20.00	4.5
5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				831.5	836.5	841.5		
Channel				166300	167300	168300		
15	Pi/2 BPSK	1	1	23.00	22.94	22.97	24.50	0.0
5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				829	836.5	844		
Channel				165800	167300	168800		
10	Pi/2 BPSK	1	1	22.97	22.87	23.02	24.50	0.0

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

5G NR n5_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				826.5	836.5	846.5		
Channel				165300	167300	169300		
5	Pi/2 BPSK	1	1	22.96	22.90	22.85	24.50	0.0
5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1730	1745	1760		
Channel				346000	349000	352000		
40	Pi/2 BPSK	1	1	22.72	22.75	22.71	24.50	0.0
		1	108	22.60	22.58	22.57	24.50	0.0
		1	214	22.66	22.57	22.70	24.50	0.0
		108	0	22.17	22.19	22.15	24.00	0.5
		108	54	22.59	22.73	22.67	24.50	0.0
		108	108	22.07	22.09	22.17	24.00	0.5
		216	0	22.06	22.07	22.19	24.00	0.5
	QPSK	1	1	22.67	22.67	22.74	24.50	0.0
		1	108	22.72	22.59	22.59	24.50	0.0
		1	214	22.73	22.64	22.72	24.50	0.0
		108	0	21.60	21.63	21.57	23.50	1.0
		108	54	22.67	22.60	22.68	24.50	0.0
		108	108	21.65	21.63	21.59	23.50	1.0
		216	0	21.73	21.71	21.58	23.50	1.0
	16-QAM	1	1	21.71	21.72	21.71	23.50	1.0
	64QAM	1	1	20.08	20.18	20.20	22.00	2.5
	256-QAM	1	1	18.09	18.07	18.17	20.00	4.5
5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1727.5	1745	1762.5		
Channel				345500	349000	352500		
35	Pi/2 BPSK	1	1	22.60	22.70	22.64	24.50	0.0

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1725	1745	1765		
Channel				345000	349000	353000		
30	Pi/2 BPSK	1	1	22.69	22.71	22.58	24.50	0.0
5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1722.5	1745	1767.5		
Channel				344500	349000	353500		
25	Pi/2 BPSK	1	1	22.71	22.69	22.72	24.50	0.0
5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1720	1745	1770		
Channel				344000	349000	354000		
20	Pi/2 BPSK	1	1	22.74	22.62	22.61	24.50	0.0
5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1717.5	1745	1772.5		
Channel				343500	349000	354500		
15	Pi/2 BPSK	1	1	22.73	22.55	22.63	24.50	0.0
5G NR n66_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1715	1745	1775		
Channel				343000	349000	355000		
10	Pi/2 BPSK	1	1	22.71	22.77	22.73	24.50	0.0

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

5G NR n66_15kHz

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1712.5	1745	1777.5		
Channel				342500	349000	355500		
5	Pi/2 BPSK	1	1	22.78	22.73	22.76	24.50	0.0

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

5.7 TDD NR

5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2546.01	2592.99	2640		
Channel				509202	518598	528000		
100	Pi/2 BPSK	1	1	23.04	23.05	23.22	24.50	0.0
		1	137	23.15	23.14	23.19	24.50	0.0
		1	271	23.15	23.06	23.08	24.50	0.0
		135	0	22.59	22.63	22.61	24.00	0.5
		135	69	23.06	23.18	23.16	24.50	0.0
		135	138	22.68	22.64	22.62	24.00	0.5
		270	0	22.54	22.58	22.51	24.00	0.5
	QPSK	1	1	23.05	23.05	23.19	24.50	0.0
		1	137	23.04	23.18	23.20	24.50	0.0
		1	271	23.05	23.03	23.03	24.50	0.0
		135	0	22.09	22.15	22.09	23.50	1.0
		135	69	23.14	23.04	23.02	24.50	0.0
		135	138	22.17	22.17	22.13	23.50	1.0
		270	0	22.16	22.18	22.16	23.50	1.0
	16-QAM	1	1	22.01	22.08	22.14	23.50	1.0
	64QAM	1	1	20.60	20.59	20.55	22.00	2.5
	256-QAM	1	1	18.57	18.68	18.57	20.00	4.5
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2541	2592.99	2644.98		
Channel				508200	518598	528996		
90	Pi/2 BPSK	1	1	23.09	23.17	23.07	24.50	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2536.02	2592.99	2649.99		
Channel				507204	518598	529998		
80	Pi/2 BPSK	1	1	23.17	23.17	23.17	24.50	0.0

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2531.01	2592.99	2655		
Channel				506202	518598	531000		
70	Pi/2 BPSK	1	1	23.08	23.02	23.10	24.50	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2526	2592.99	2659.98		
Channel				505200	518598	531996		
60	Pi/2 BPSK	1	1	23.05	23.07	23.05	24.50	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2521.02	2592.99	2664.99		
Channel				504204	518598	532998		
50	Pi/2 BPSK	1	1	23.10	23.02	23.18	24.50	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2518.5	2592.99	2667.48		
Channel				503700	518598	533496		
45	Pi/2 BPSK	1	1	23.00	23.17	23.11	24.50	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2516.01	2592.99	2670		
Channel				503202	518598	534000		
40	Pi/2 BPSK	1	1	23.13	23.04	23.12	24.50	0.0

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2513.52	2592.99	2672.49		
Channel				502704	518598	534498		
35	Pi/2 BPSK	1	1	23.08	23.11	23.18	24.50	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2511	2592.99	2674.98		
Channel				502200	518598	534996		
30	Pi/2 BPSK	1	1	23.18	23.09	23.15	24.50	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2508.51	2592.99	2677.5		
Channel				501702	518598	535500		
25	Pi/2 BPSK	1	1	23.15	23.06	23.11	24.50	0.0
5G NR n41_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2506.02	2592.99	2679.99		
Channel				501204	518598	535998		
20	Pi/2 BPSK	1	1	23.13	23.18	23.16	24.50	0.0

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

5.8 WLAN

Ant 4+8						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
2.45GHz	802.11b	1	2412	1Mbps	15.00	14.96
		6	2437		15.00	14.75
		11	2462		15.00	14.59
	802.11g	1	2412	6Mbps	15.00	14.99
		6	2437		15.00	14.83
		11	2462		15.00	14.57
	802.11n20-HT0	1	2412	MCS0	15.00	14.97
		6	2437		15.00	14.83
		11	2462		15.00	14.57
	802.11ax20-HE0	1	2412	MCS0	15.00	14.95
		6	2437		15.00	14.86
		11	2462		15.00	14.59
	802.11be20-EHT0	1	2412	MCS0	15.00	14.98
		6	2437		15.00	14.89
		11	2462		15.00	14.64
	802.11n40-HT0	3	2422	MCS0	15.00	14.91
		6	2437		15.00	14.86
		9	2452		15.00	14.56
	802.11ax40-HE0	3	2422	MCS0	15.00	14.88
		6	2437		15.00	14.83
		9	2452		15.00	14.55
	802.11be40-EHT0	3	2422	MCS0	15.00	14.93
		6	2437		15.00	14.87
		9	2452		15.00	14.59

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Ant 4+8						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.15-5.25 GHz	802.11a	36	5180	6Mbps	15.00	14.75
		40	5200		15.00	14.77
		44	5220		15.00	14.93
		48	5240		15.00	14.92
	802.11n20-HT0	36	5180	MCS0	15.00	14.72
		40	5200		15.00	14.78
		44	5220		15.00	14.92
		48	5240		15.00	14.91
	802.11ac20-VHT0	36	5180	MCS0	15.00	14.66
		40	5200		15.00	14.64
		44	5220		15.00	14.92
		48	5240		15.00	14.85
	802.11ax20-HE0	36	5180	MCS0	15.00	14.80
		40	5200		15.00	14.79
		44	5220		15.00	14.93
		48	5240		15.00	14.92
	802.11be20-EHT0	36	5180	MCS0	15.00	14.84
		40	5200		15.00	14.71
		44	5220		15.00	14.99
		48	5240		15.00	14.97
	802.11n40-HT0	38	5190	MCS0	15.00	14.64
		46	5230		15.00	14.88
	802.11ac40-VHT0	38	5190	MCS0	15.00	14.59
		46	5230		15.00	14.86
	802.11ax40-HE0	38	5190	MCS0	15.00	14.89
		46	5230		15.00	14.65
	802.11be40-EHT0	38	5190	MCS0	15.00	14.95
		46	5230		15.00	14.90
	802.11ac80-VHT0	42	5210	MCS0	15.00	14.78
	802.11ax80-HE0	42	5210	MCS0	15.00	14.91
	802.11be80-EHT0	42	5210	MCS0	15.00	14.96
	802.11ac160-VHT0	50	5250	MCS0	15.00	14.58
	802.11ax160-HE0	50	5250	MCS0	15.00	14.84
	802.11be160-EHT0	50	5250	MCS0	15.00	14.88

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Ant 4+8						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.25-5.35 GHz	802.11a	52	5260	6Mbps	15.00	14.89
		56	5280		15.00	14.63
		60	5300		15.00	14.77
		64	5320		15.00	14.70
	802.11n20-HT0	52	5260	MCS0	15.00	14.86
		56	5280		15.00	14.62
		60	5300		15.00	14.78
		64	5320		15.00	14.69
	802.11ac20-VHT0	52	5260	MCS0	15.00	14.84
		56	5280		15.00	14.77
		60	5300		15.00	14.76
		64	5320		15.00	14.64
	802.11ax20-HE0	52	5260	MCS0	15.00	14.96
		56	5280		15.00	14.66
		60	5300		15.00	14.81
		64	5320		15.00	14.78
	802.11be20-EHT0	52	5260	MCS0	15.00	14.99
		56	5280		15.00	14.75
		60	5300		15.00	14.89
		64	5320		15.00	14.82
	802.11n40-HT0	54	5270	MCS0	15.00	14.86
		62	5310		15.00	14.77
	802.11ac40-VHT0	54	5270	MCS0	15.00	14.83
		62	5310		15.00	14.74
	802.11ax40-HE0	54	5270	MCS0	15.00	14.74
		62	5310		15.00	14.63
	802.11be40-EHT0	54	5270	MCS0	15.00	14.89
		62	5310		15.00	14.79
	802.11ac80-VHT0	58	5290	MCS0	15.00	14.96
	802.11ax80-HE0	58	5290	MCS0	15.00	14.62
	802.11be80-EHT0	58	5290	MCS0	15.00	14.69

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Ant 4+8						
Band	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.6GHz	802.11a	100	5500	6Mbps	15.00	14.96
		120	5600		15.00	14.76
		140	5700		15.00	14.95
		144	5720		15.00	14.90
	802.11n20-HT0	100	5500	MCS0	15.00	14.57
		120	5600		15.00	14.65
		140	5700		15.00	14.95
		144	5720		15.00	14.87
	802.11ac20-VHT0	100	5500	MCS0	15.00	14.52
		120	5600		15.00	14.76
		140	5700		15.00	14.90
		144	5720		15.00	14.82
	802.11ax20-HE0	100	5500	MCS0	15.00	14.52
		120	5600		15.00	14.77
		140	5700		15.00	14.90
		144	5720		15.00	14.82
	802.11be20-EHT0	100	5500	MCS0	15.00	14.62
		120	5600		15.00	14.72
		140	5700		15.00	14.96
		144	5720		15.00	14.93
	802.11n40-HT0	102	5510	MCS0	15.00	14.76
		118	5590		15.00	14.70
		134	5670		15.00	14.93
		142	5710		15.00	14.82
	802.11ac40-VHT0	102	5510	MCS0	15.00	14.72
		118	5590		15.00	14.67
		134	5670		15.00	14.89
		142	5710		15.00	14.79
	802.11ax40-HE0	102	5510	MCS0	15.00	14.56
		118	5590		15.00	14.77
		134	5670		15.00	14.87
		142	5710		15.00	14.72
	802.11be40-EHT0	102	5510	MCS0	15.00	14.78
		118	5590		15.00	14.67
		134	5670		15.00	14.96
		142	5710		15.00	14.87
	802.11ac80-VHT0	106	5530	MCS0	15.00	14.83
		122	5610		15.00	14.77
		138	5690		15.00	14.69
	802.11ax80-HE0	106	5530	MCS0	15.00	14.88
		122	5610		15.00	14.93
		138	5690		15.00	14.87
	802.11be80-EHT0	106	5530	MCS0	15.00	14.94
		122	5610		15.00	14.99
		138	5690		15.00	14.90
	802.11ac160-VHT0	114	5570	MCS0	15.00	14.76
	802.11ax160-HE0	114	5570	MCS0	15.00	14.92
	802.11be160-EHT0	114	5570	MCS0	15.00	14.97

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Ant 4+8						
Mode	Mode	Channel	Frequency (MHz)	Data Rate	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
5.8GHz	802.11a	149	5745	6Mbps	15.00	14.97
		157	5785		15.00	14.89
		165	5825		15.00	14.97
	802.11n20-HT0	149	5745	MCS0	15.00	14.96
		157	5785		15.00	14.87
		165	5825		15.00	14.95
	802.11ac20-VHT0	149	5745	MCS0	15.00	14.94
		157	5785		15.00	14.85
		165	5825		15.00	14.90
	802.11ax20-HE0	149	5745	MCS0	15.00	14.60
		157	5785		15.00	14.92
		165	5825		15.00	14.64
	802.11be20-EHT0	149	5745	MCS0	15.00	14.98
		157	5785		15.00	14.97
		165	5825		15.00	14.98
	802.11n40-HT0	151	5755	MCS0	15.00	14.88
		159	5795		15.00	14.91
	802.11ac40-VHT0	151	5755	MCS0	15.00	14.86
		159	5795		15.00	14.87
	802.11ax40-HE0	151	5755	MCS0	15.00	14.79
		159	5795		15.00	14.84
	802.11be40-EHT0	151	5755	MCS0	15.00	14.93
		159	5795		15.00	14.94
	802.11ac80-VHT0	155	5775	MCS0	15.00	14.70
	802.11ax80-HE0	155	5775	MCS0	15.00	14.84
	802.11be80-EHT0	155	5775	MCS0	15.00	14.88

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

5.9 Bluetooth

Mode	Channel	Frequency (MHz)	1Mbps		2Mbps		3Mbps	
			Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Average power (dBm)
BR/EDR_CH1_ANT4	CH 00	2402	14.00	13.54	14.00	13.83	14.00	13.92
	CH 39	2441		13.30		13.66		13.69
	CH 78	2480		13.41		13.81		13.84
BR/EDR_CH0_ANT8	CH 00	2402	14.00	13.73	14.00	13.87	14.00	13.94
	CH 39	2441		13.59		13.78		13.85
	CH 78	2480		13.61		13.82		13.91

5.10 BLE

Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg. Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_CH1_ANT4_1M	CH 00	2402	7	6.71
	CH 19	2440		6.36
	CH 39	2480		6.52
Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg. Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_CH0_ANT8_1M	CH 00	2402	7	6.46
	CH 19	2440		6.39
	CH 39	2480		6.43
Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg. Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_CH1_ANT4_2M	CH 00	2402	7	6.61
	CH 19	2440		6.41
	CH 39	2480		6.46
Mode	Channel	Frequency (MHz)	GFSK	
			Max. Rated Avg. Power + Max. Tolerance (dBm)	Average Output Power (dBm)
BLE_CH0_ANT8_2M	CH 00	2402	7	6.55
	CH 19	2440		6.40
	CH 39	2480		6.48

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

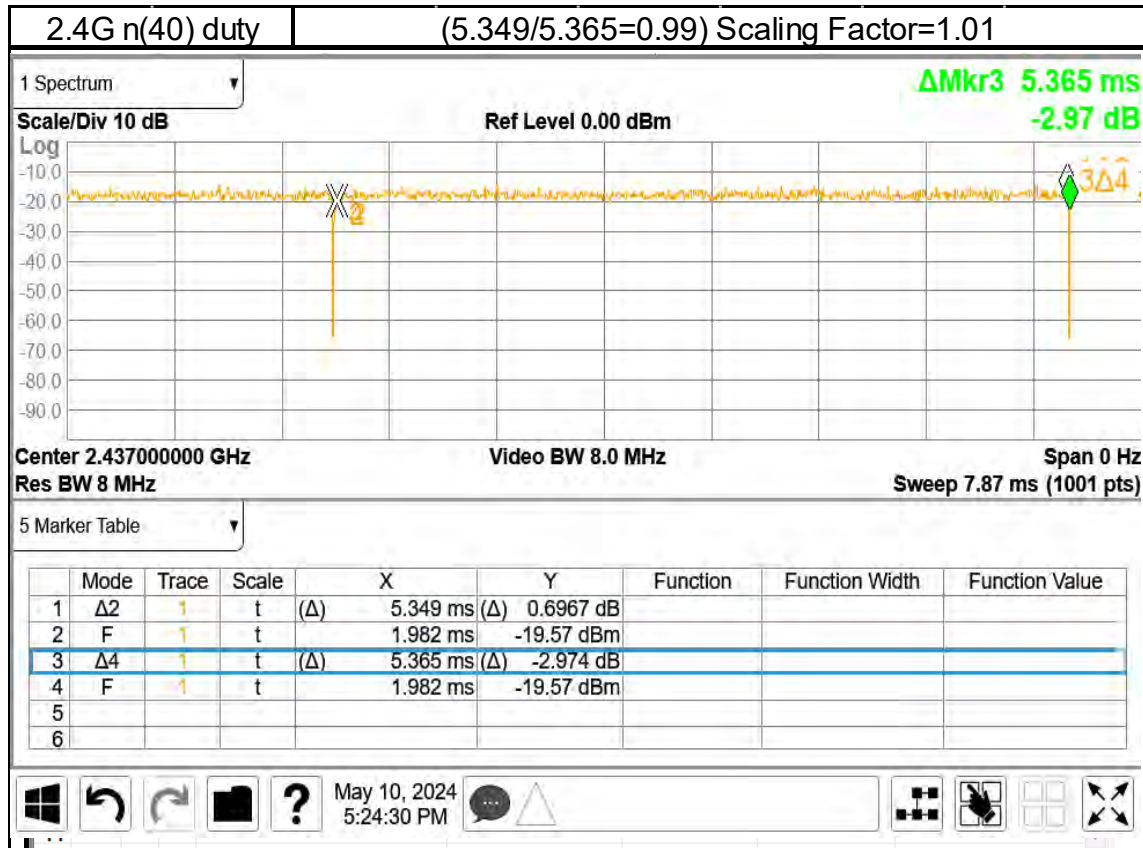
t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

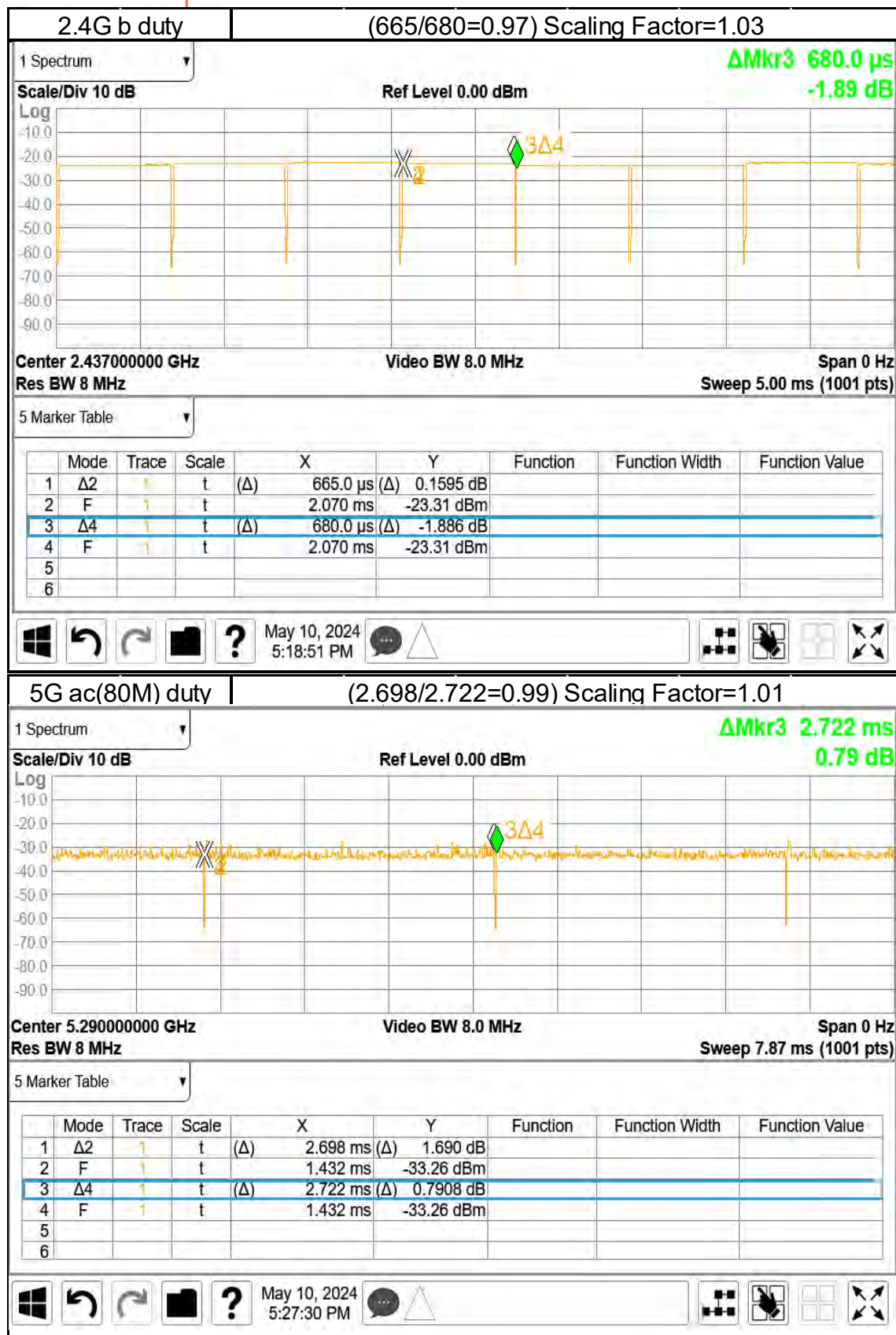
Member of SGS Group

6 DUTY CYCLE



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

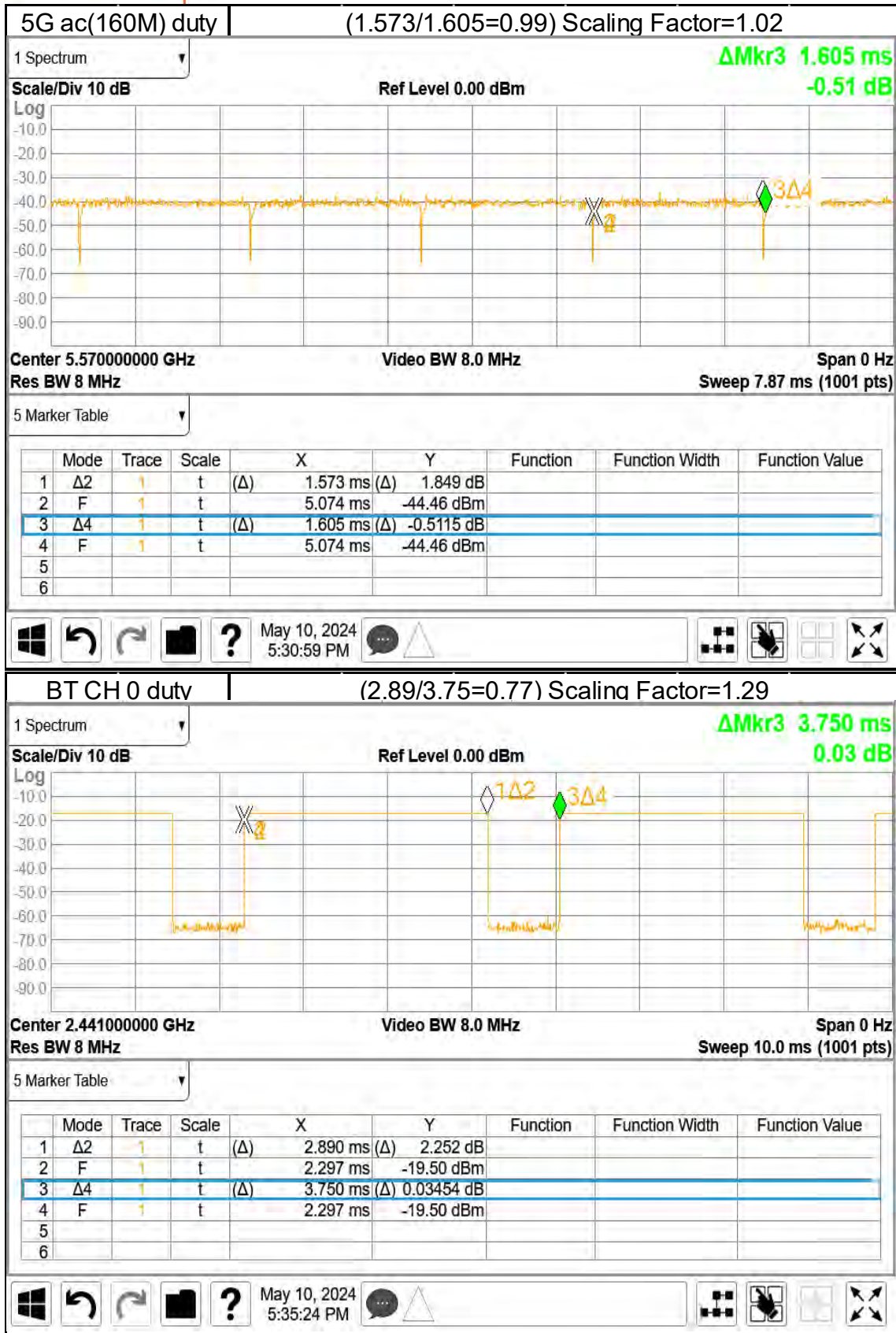
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

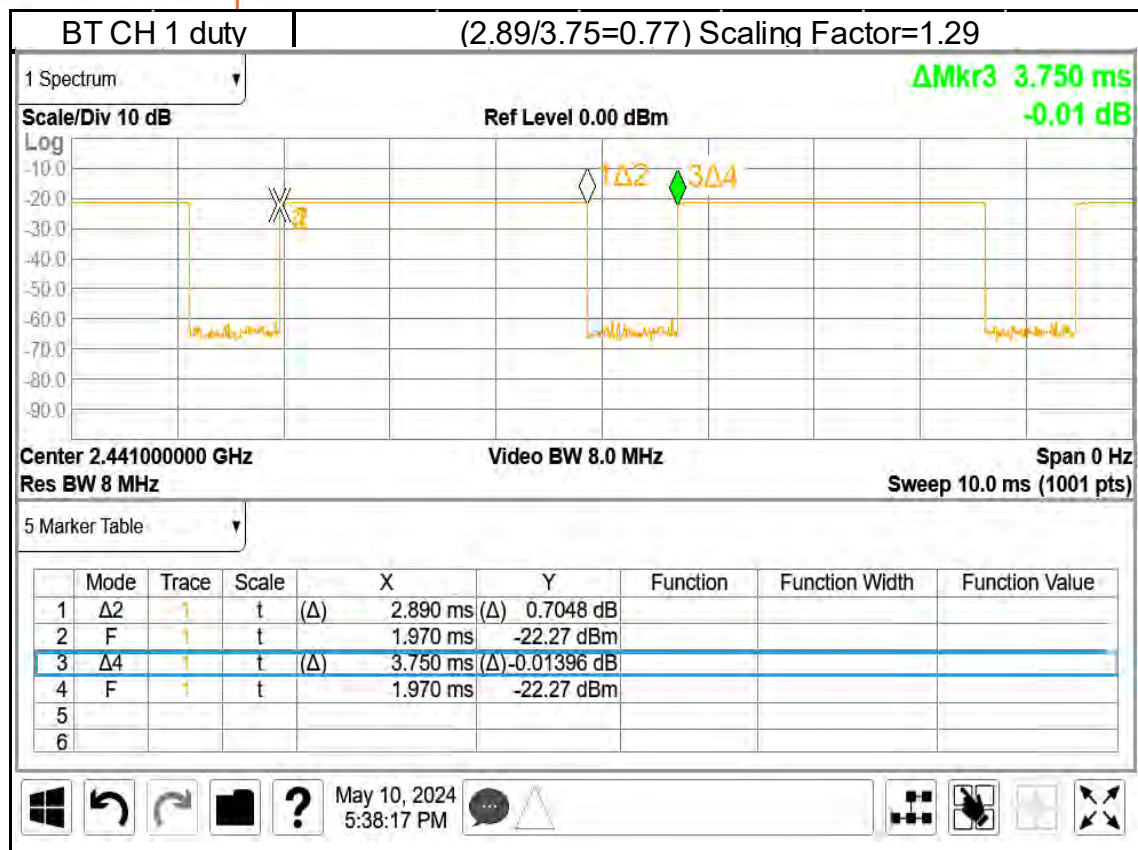
This document is issued by the Company subject to its General Conditions of Service printed overleaf, available on request or accessible at <http://www.sgs.com.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

7 SUMMARY OF RESULTS

7.1 Decision rules

Reported measurement data comply with Test Methodology in section 1.1.

Determining compliance shall be based on the results of the compliance measurement, not taking into account measurement instrumentation uncertainty.

7.2 Summary of SAR Results

WWAN Head

Band	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		ID
								Measured	Reported	
GSM850	Right Touch	0	128	824.2	33.3	32.88	110.15%	0.133	0.147	001
GSM850	Right Touch	0	190	836.6	33.3	32.69	115.08%	0.127	0.146	-
GSM850	Right Touch	0	251	848.8	33.3	32.55	118.85%	0.113	0.134	-
GSM850	Right Tilt	0	128	824.2	33.3	32.88	110.15%	0.051	0.056	-
GSM850	Left Touch	0	128	824.2	33.3	32.88	110.15%	0.092	0.101	-
GSM850	Left Tilt	0	128	824.2	33.3	32.88	110.15%	0.064	0.070	-
GSM1900	Right Touch	0	661	1880	30.2	29.51	117.22%	0.052	0.061	-
GSM1900	Right Tilt	0	661	1880	30.2	29.51	117.22%	0.025	0.029	-
GSM1900	Left Touch	0	512	1850.2	30.2	29.49	117.76%	0.097	0.114	-
GSM1900	Left Touch	0	661	1880	30.2	29.51	117.22%	0.100	0.117	002
GSM1900	Left Touch	0	810	1909.8	30.2	29.32	122.46%	0.091	0.111	-
GSM1900	Left Tilt	0	661	1880	30.2	29.51	117.22%	0.032	0.038	-
Band	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		ID
								Measured	Reported	
WCDMA Band II	Right Touch	0	9400	1880	23.3	22.41	122.74%	0.067	0.082	-
WCDMA Band II	Right Tilt	0	9400	1880	23.3	22.41	122.74%	0.032	0.039	-
WCDMA Band II	Left Touch	0	9262	1852.4	23.3	22.34	124.74%	0.155	0.193	-
WCDMA Band II	Left Touch	0	9400	1880	23.3	22.41	122.74%	0.161	0.198	003
WCDMA Band II	Left Touch	0	9538	1907.6	23.3	22.14	130.62%	0.149	0.195	-
WCDMA Band II	Left Tilt	0	9400	1880	23.3	22.41	122.74%	0.041	0.050	-
WCDMA Band IV	Right Touch	0	1513	1752.6	23.3	22.36	124.17%	0.058	0.072	-
WCDMA Band IV	Right Tilt	0	1513	1752.6	23.3	22.36	124.17%	0.022	0.027	-
WCDMA Band IV	Left Touch	0	1312	1712.4	23.3	22.28	126.47%	0.117	0.148	-
WCDMA Band IV	Left Touch	0	1412	1732.4	23.3	22.29	126.18%	0.112	0.141	-
WCDMA Band IV	Left Touch	0	1513	1752.6	23.3	22.36	124.17%	0.125	0.155	004
WCDMA Band IV	Left Tilt	0	1513	1752.6	23.3	22.36	124.17%	0.029	0.036	-
WCDMA Band V	Right Touch	0	4132	826.4	24.0	23.02	125.31%	0.175	0.219	-
WCDMA Band V	Right Touch	0	4183	836.6	24.0	23.07	123.88%	0.189	0.234	005
WCDMA Band V	Right Touch	0	4233	846.6	24.0	22.96	127.06%	0.169	0.215	-
WCDMA Band V	Right Tilt	0	4183	836.6	24.0	23.07	123.88%	0.059	0.073	-
WCDMA Band V	Left Touch	0	4183	836.6	24.0	23.07	123.88%	0.097	0.120	-
WCDMA Band V	Left Tilt	0	4183	836.6	24.0	23.07	123.88%	0.044	0.055	-

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Band	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		ID
												Measured	Reported	
LTE Band 2	20MHz	QPSK	1	0	Right Touch	0	19100	1900	23.30	22.35	124.45%	0.085	0.106	-
LTE Band 2			50	50	Right Touch	0	18900	1860	22.30	21.20	128.82%	0.083	0.107	-
LTE Band 2			100RB		Right Touch	0	18700	1860	22.30	21.06	133.05%	0.081	0.108	-
LTE Band 2			1	0	Right Tilt	0	19100	1900	23.30	22.35	124.45%	0.042	0.052	-
LTE Band 2			50	50	Right Tilt	0	18900	1860	22.30	21.20	128.82%	0.040	0.052	-
LTE Band 2			100RB		Right Tilt	0	18700	1860	22.30	21.06	133.05%	0.034	0.045	-
LTE Band 2			1	99	Left Touch	0	18700	1860	23.30	22.19	129.12%	0.108	0.139	-
LTE Band 2			1	0	Left Touch	0	18900	1880	23.30	22.15	130.32%	0.114	0.149	-
LTE Band 2			1	0	Left Touch	0	19100	1900	23.30	22.35	124.45%	0.122	0.152	006
LTE Band 2			50	50	Left Touch	0	18900	1860	22.30	21.20	128.82%	0.119	0.153	-
LTE Band 2			100RB		Left Touch	0	18700	1860	22.30	21.06	133.05%	0.106	0.141	-
LTE Band 2			1	0	Left Tilt	0	19100	1900	23.30	22.35	124.45%	0.048	0.060	-
LTE Band 2			50	50	Left Tilt	0	18900	1860	22.30	21.20	128.82%	0.039	0.050	-
LTE Band 2			100RB		Left Tilt	0	18700	1860	22.30	21.06	133.05%	0.037	0.049	-
LTE Band 4	20MHz	QPSK	1	0	Right Touch	0	20300	1745	23.30	22.46	121.34%	0.035	0.042	-
LTE Band 4			50	25	Right Touch	0	20175	1732.5	22.30	21.43	122.18%	0.032	0.039	-
LTE Band 4			100RB		Right Touch	0	20300	1745	22.30	21.44	121.90%	0.029	0.035	-
LTE Band 4			1	0	Right Tilt	0	20300	1745	23.30	22.46	121.34%	0.021	0.025	-
LTE Band 4			50	25	Right Tilt	0	20175	1732.5	22.30	21.43	122.18%	0.024	0.029	-
LTE Band 4			100RB		Right Tilt	0	20300	1745	22.30	21.44	121.90%	0.015	0.018	-
LTE Band 4			1	50	Left Touch	0	20050	1720	23.30	22.43	122.18%	0.069	0.084	-
LTE Band 4			1	50	Left Touch	0	20175	1732.5	23.30	22.41	122.74%	0.071	0.087	-
LTE Band 4			1	0	Left Touch	0	20300	1745	23.30	22.46	121.34%	0.076	0.092	007
LTE Band 4			50	25	Left Touch	0	20175	1732.5	22.30	21.43	122.18%	0.072	0.088	-
LTE Band 4			100RB		Left Touch	0	20300	1745	22.30	21.44	121.90%	0.066	0.080	-
LTE Band 4			1	0	Left Tilt	0	20300	1745	23.30	22.46	121.34%	0.056	0.068	-
LTE Band 4			50	25	Left Tilt	0	20175	1732.5	22.30	21.43	122.18%	0.052	0.064	-
LTE Band 4			100RB		Left Tilt	0	20300	1745	22.30	21.44	121.90%	0.049	0.060	-
LTE Band 5	10MHz	QPSK	1	0	Right Touch	0	20450	829	24.00	23.22	119.67%	0.138	0.165	008
LTE Band 5			1	49	Right Touch	0	20525	836.5	24.00	23.20	120.23%	0.132	0.159	-
LTE Band 5			1	49	Right Touch	0	20600	844	24.00	23.20	120.23%	0.128	0.154	-
LTE Band 5			25	25	Right Touch	0	20525	836.5	23.00	22.19	120.50%	0.131	0.158	-
LTE Band 5			50RB		Right Touch	0	20600	844	23.00	22.14	121.90%	0.123	0.150	-
LTE Band 5			1	0	Right Tilt	0	20450	829	24.00	23.22	119.67%	0.053	0.063	-
LTE Band 5			25	50	Right Tilt	0	20525	836.5	23.00	22.19	120.50%	0.049	0.059	-
LTE Band 5			50RB		Right Tilt	0	20600	844	23.00	22.14	121.90%	0.051	0.062	-
LTE Band 5			1	0	Left Touch	0	20450	829	24.00	23.22	119.67%	0.094	0.112	-
LTE Band 5			25	50	Left Touch	0	20525	836.5	23.00	22.19	120.50%	0.085	0.102	-
LTE Band 5			50RB		Left Touch	0	20600	844	23.00	22.14	121.90%	0.089	0.108	-
LTE Band 5			1	0	Left Tilt	0	20450	829	24.00	23.22	119.67%	0.058	0.069	-
LTE Band 5			25	50	Left Tilt	0	20525	836.5	23.00	22.19	120.50%	0.052	0.063	-
LTE Band 5			50RB		Left Tilt	0	20600	844	23.00	22.14	121.90%	0.051	0.062	-
LTE Band 7	20MHz	QPSK	1	0	Right Touch	0	20850	2510	23.30	22.25	127.35%	0.048	0.061	-
LTE Band 7			50	50	Right Touch	0	21100	2535	22.30	21.20	128.82%	0.041	0.053	-
LTE Band 7			100RB		Right Touch	0	20850	2510	22.30	21.17	129.72%	0.037	0.048	-
LTE Band 7			1	0	Right Tilt	0	20850	2510	23.30	22.25	127.35%	0.043	0.055	-
LTE Band 7			50	50	Right Tilt	0	21100	2535	22.30	21.20	128.82%	0.032	0.041	-
LTE Band 7			100RB		Right Tilt	0	20850	2510	22.30	21.17	129.72%	0.029	0.038	-
LTE Band 7			1	0	Left Touch	0	20850	2510	23.30	22.25	127.35%	0.061	0.078	009
LTE Band 7			1	99	Left Touch	0	21100	2535	23.30	22.21	128.53%	0.054	0.069	-
LTE Band 7			1	50	Left Touch	0	21350	2560	23.30	22.20	128.82%	0.057	0.073	-
LTE Band 7			50	50	Left Touch	0	21100	2535	22.30	21.20	128.82%	0.051	0.066	-
LTE Band 7			100RB		Left Touch	0	20850	2510	22.30	21.17	129.72%	0.049	0.064	-
LTE Band 7			1	0	Left Tilt	0	20850	2510	23.30	22.25	127.35%	0.021	0.027	-
LTE Band 7			50	50	Left Tilt	0	21100	2535	22.30	21.20	128.82%	0.017	0.022	-
LTE Band 7			100RB		Left Tilt	0	20850	2510	22.30	21.17	129.72%	0.011	0.014	-
LTE Band 12	10MHz	QPSK	1	25	Right Touch	0	23060	704	24.00	22.74	133.66%	0.077	0.103	-
LTE Band 12			1	0	Right Touch	0	23095	707.5	24.00	22.76	133.05%	0.086	0.114	010
LTE Band 12			1	0	Right Touch	0	23130	711	24.00	22.74	133.66%	0.081	0.108	-
LTE Band 12			25	25	Right Touch	0	23095	707.5	23.00	21.68	135.52%	0.079	0.107	-
LTE Band 12			50RB		Right Touch	0	23130	711	23.00	21.65	136.46%	0.068	0.093	-
LTE Band 12			1	0	Right Tilt	0	23095	707.5	24.00	22.76	133.05%	0.019	0.025	-
LTE Band 12			25	0	Right Tilt	0	23060	704	23.00	21.74	133.66%	0.013	0.017	-
LTE Band 12			50RB		Right Tilt	0	23130	711	23.00	21.65	136.46%	0.017	0.023	-
LTE Band 12			1	0	Left Touch	0	23095	707.5	24.00	22.76	133.05%	0.041	0.055	-
LTE Band 12			25	0	Left Touch	0	23060	704	23.00	21.74	133.66%	0.040	0.053	-
LTE Band 12			50RB		Left Touch	0	23130	711	23.00	21.65	136.46%	0.033	0.045	-
LTE Band 12			1	0	Left Tilt	0	23095	707.5	24.00	22.76	133.05%	0.022	0.029	-
LTE Band 12			25	0	Left Tilt	0	23060	704	23.00	21.74	133.66%	0.019	0.025	-
LTE Band 12			50RB		Left Tilt	0	23130	711	23.00	21.65	136.46%	0.014	0.019	-
LTE Band 13	10MHz	QPSK	1	0	Right Touch	0	23230	782	24.00	22.85	130.32%	0.138	0.180	-
LTE Band 13			1	0	Right Touch	0	23230	782	24.00	23.01	125.60%	0.142	0.178	011
LTE Band 13			1	49	Right Touch	0	23230	782	24.00	22.87	129.72%	0.133	0.173	-
LTE Band 13			25	12	Right Touch	0	23230	782	23.00	22.00	125.89%	0.129	0.162	-
LTE Band 13			50RB		Right Touch	0	23230	782	23.00	21.96	127.06%	0.121	0.154	-
LTE Band 13			1	0	Right Tilt	0	23230	782	24.00	23.01	125.60%	0.062	0.078	-
LTE Band 13			25	25	Right Tilt	0	23230	782	23.00	22.00	125.89%	0.059	0.074	-
LTE Band 13			50RB		Right Tilt	0	23230	782	23.00	21.96	127.06%	0.055	0.070	-
LTE Band 13			1	0	Left Touch	0	23230	782	24.00	23.01	125.60%	0.112	0.141	-
LTE Band 13			25	25	Left Touch	0	23230	782	23.00	22.00	125.89%	0.109	0.137	-
LTE Band 13			50RB		Left Touch	0	23230	782	23.00	21.96	127.06%	0.106	0.135	-
LTE Band 13			1	0	Left Tilt	0	23230	782	24.00	23.01	125.60%	0.067	0.084	-
LTE Band 13			25	25	Left Tilt	0	23230	782	23.00	22.00	125.89%	0.065	0.082	-
LTE Band 13			50RB		Left Tilt	0	23230	782	23.00	21.96	127.06%	0.062	0.079	-

LTE Band 17	10MHz	QPSK	1	25	Right Touch	0	23780	709	24.00	22.92	128.23%	0.041	0.053	-
LTE Band 17			1	0	Right Touch	0	23790	710	24.00	22.96	127.06%	0.043	0.055	012
LTE Band 17			1	25	Right Touch	0	23800	711	24.00	22.84	130.62%	0.037	0.048	-
LTE Band 17			25	0	Right Touch	0	23800	711	23.00	21.94	127.64%	0.032	0.041	-
LTE Band 17			50RB		Right Touch	0	23800	711	23.00	21.88	129.42%	0.028	0.036	-
LTE Band 17			1	0	Right Tilt	0	23790	710	24.00	22.96	127.06%	0.013	0.017	-
LTE Band 17			25	0	Right Tilt	0	23800	711	23.00	21.94	127.64%	0.011	0.014	-
LTE Band 17			50RB		Right Tilt	0	23800	711	23.00	21.88	129.42%	0.008	0.010	-
LTE Band 17			1	0	Left Touch	0	23790	710	24.00	22.96	127.06%	0.032	0.041	-
LTE Band 17			25	0	Left Touch	0	23800	711	23.00	21.94	127.64%	0.028	0.036	-
LTE Band 17			50RB		Left Touch	0	23800	711	23.00	21.88	129.42%	0.022	0.028	-
LTE Band 17			1	0	Left Tilt	0	23790	710	24.00	22.96	127.06%	0.007	0.009	-
LTE Band 17			25	0	Left Tilt	0	23800	711	23.00	21.94	127.64%	0.005	0.006	-
LTE Band 17			50RB		Left Tilt	0	23800	711	23.00	21.88	129.42%	0.001	0.001	-
LTE Band 66	20MHz	QPSK	1	0	Right Touch	0	132072	1720	23.30	22.45	121.62%	0.049	0.060	-
LTE Band 66			50	50	Right Touch	0	132572	1770	22.30	21.43	122.18%	0.042	0.051	-
LTE Band 66			100RB		Right Touch	0	132322	1745	22.30	21.42	122.46%	0.038	0.047	-
LTE Band 66			1	0	Right Tilt	0	132072	1720	23.30	22.45	121.62%	0.044	0.054	-
LTE Band 66			50	50	Right Tilt	0	132572	1770	22.30	21.43	122.18%	0.033	0.040	-
LTE Band 66			100RB		Right Tilt	0	132322	1745	22.30	21.42	122.46%	0.029	0.036	-
LTE Band 66			1	0	Left Touch	0	132072	1720	23.30	22.45	121.62%	0.062	0.075	013
LTE Band 66			1	50	Left Touch	0	132322	1745	23.30	22.41	122.74%	0.055	0.068	-
LTE Band 66			1	50	Left Touch	0	132572	1770	23.30	22.40	123.03%	0.058	0.071	-
LTE Band 66			50	50	Left Touch	0	132572	1770	22.30	21.43	122.18%	0.052	0.064	-
LTE Band 66			100RB		Left Touch	0	132322	1745	22.30	21.42	122.46%	0.050	0.061	-
LTE Band 66			1	0	Left Tilt	0	132072	1720	23.30	22.45	121.62%	0.021	0.026	-
LTE Band 66			50	50	Left Tilt	0	132572	1770	22.30	21.43	122.18%	0.017	0.021	-
LTE Band 66			100RB		Left Tilt	0	132322	1745	22.30	21.42	122.46%	0.011	0.013	-
66B	20MHz	QPSK	1	49	Left Touch	0	132373	1750.1	23.3	21.51	121.62%	0.053	0.064	-
66C	20MHz	QPSK	1	99	Left Touch	0	132323	1745.1	23.3	21.5	121.62%	0.054	0.066	-
LTE Band 38	20MHz	QPSK	1	0	Right Touch	0	37850	2580	24.00	22.78	132.34%	0.050	0.066	-
LTE Band 38			50	0	Right Touch	0	37850	2580	23.00	21.84	130.62%	0.043	0.056	-
LTE Band 38			100RB		Right Touch	0	37850	2580	23.00	21.80	131.83%	0.023	0.030	-
LTE Band 38			1	0	Right Tilt	0	37850	2580	24.00	22.78	132.34%	0.045	0.060	-
LTE Band 38			50	0	Right Tilt	0	37850	2580	23.00	21.84	130.62%	0.034	0.044	-
LTE Band 38			100RB		Right Tilt	0	37850	2580	23.00	21.80	131.83%	0.030	0.040	-
LTE Band 38			1	0	Left Touch	0	37850	2580	24.00	22.78	132.34%	0.064	0.085	014
LTE Band 38			1	50	Left Touch	0	38000	2595	24.00	22.74	133.66%	0.057	0.076	-
LTE Band 38			1	99	Left Touch	0	38150	2610	24.00	22.69	135.21%	0.060	0.081	-
LTE Band 38			50	0	Left Touch	0	37850	2580	23.00	21.84	130.62%	0.054	0.071	-
LTE Band 38			100RB		Left Touch	0	37850	2580	23.00	21.80	131.83%	0.051	0.067	-
LTE Band 38			1	0	Left Tilt	0	37850	2580	24.00	22.78	132.34%	0.022	0.029	-
LTE Band 38			50	0	Left Tilt	0	37850	2580	23.00	21.84	130.62%	0.018	0.024	-
LTE Band 38			100RB		Left Tilt	0	37850	2580	23.00	21.80	131.83%	0.012	0.016	-
LTE Band 41	20MHz	QPSK	1	0	Right Touch	0	41490	2680	24.00	23.05	124.45%	0.061	0.076	-
LTE Band 41			50	0	Right Touch	0	40185	2549.5	23.00	22.01	125.60%	0.057	0.072	-
LTE Band 41			100RB		Right Touch	0	41490	2680	23.00	22.02	125.31%	0.054	0.068	-
LTE Band 41			1	0	Right Tilt	0	41490	2680	24.00	23.05	124.45%	0.032	0.040	-
LTE Band 41			50	0	Right Tilt	0	40185	2549.5	23.00	22.01	125.60%	0.029	0.036	-
LTE Band 41			100RB		Right Tilt	0	41490	2680	23.00	22.02	125.31%	0.021	0.026	-
LTE Band 41			1	50	Left Touch	0	39750	2506	24.00	22.88	129.42%	0.071	0.092	-
LTE Band 41			1	50	Left Touch	0	40185	2549.5	24.00	23.04	124.74%	0.067	0.084	-
LTE Band 41			1	50	Left Touch	0	40620	2593	24.00	23.02	125.31%	0.061	0.076	-
LTE Band 41			1	50	Left Touch	0	41055	2636.5	24.00	23.00	125.89%	0.073	0.092	-
LTE Band 41			1	0	Left Touch	0	41490	2680	24.00	23.05	124.45%	0.080	0.100	015
LTE Band 41			50	0	Left Touch	0	40185	2549.5	23.00	22.01	125.60%	0.054	0.068	-
LTE Band 41			100RB		Left Touch	0	41490	2680	23.00	22.02	125.31%	0.051	0.064	-
LTE Band 41			1	0	Left Tilt	0	41490	2680	24.00	23.05	124.45%	0.045	0.056	-
LTE Band 41			50	0	Left Tilt	0	40185	2549.5	23.00	22.01	125.60%	0.042	0.053	-
LTE Band 41			100RB		Left Tilt	0	41490	2680	23.00	22.02	125.31%	0.038	0.048	-

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

Band	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		ID
												Measured	Reported	
NR n5	20MHz	SCS 15kHz PI/2 BPSK	1	1	Right Touch	0	166800	834	24.50	23.00	141.25%	0.132	0.186	-
NR n5			1	1	Right Touch	0	167300	836.5	24.50	23.06	139.32%	0.150	0.209	016
NR n5			1	1	Right Touch	0	167800	839	24.50	23.00	141.25%	0.128	0.181	-
NR n5			50	28	Right Touch	0	166800	834	24.50	23.02	140.60%	0.113	0.159	-
NR n5			100	0	Right Touch	0	166800	834	24.00	22.45	142.89%	0.101	0.144	-
NR n5			1	1	Right Tilt	0	167300	836.5	24.50	23.06	139.32%	0.059	0.082	-
NR n5			50	28	Right Tilt	0	166800	834	24.50	23.02	140.60%	0.054	0.076	-
NR n5			100	0	Right Tilt	0	166800	834	24.00	22.45	142.89%	0.051	0.073	-
NR n5			1	1	Left Touch	0	167300	836.5	24.50	23.06	139.32%	0.107	0.149	-
NR n5			50	28	Left Touch	0	166800	834	24.50	23.02	140.60%	0.093	0.131	-
NR n5			100	0	Left Touch	0	166800	834	24.00	22.45	142.89%	0.089	0.127	-
NR n5			1	1	Left Tilt	0	167300	836.5	24.50	23.06	139.32%	0.065	0.091	-
NR n5			50	28	Left Tilt	0	166800	834	24.50	23.02	140.60%	0.060	0.084	-
NR n5			100	0	Left Tilt	0	166800	834	24.00	22.45	142.89%	0.058	0.083	-
NR n66	40MHz	SCS 15kHz PI/2 BPSK	1	1	Right Touch	0	346000	1730	24.50	22.72	150.66%	0.096	0.145	-
NR n66			1	1	Right Touch	0	349000	1745	24.50	22.75	149.62%	0.109	0.163	017
NR n66			1	1	Right Touch	0	352000	1760	24.50	22.71	151.01%	0.093	0.140	-
NR n66			108	54	Right Touch	0	349000	1745	24.50	22.73	150.31%	0.082	0.123	-
NR n66			216	0	Right Touch	0	352000	1760	24.00	22.19	151.71%	0.073	0.111	-
NR n66			1	1	Right Tilt	0	349000	1745	24.50	22.75	149.62%	0.043	0.064	-
NR n66			108	54	Right Tilt	0	349000	1745	24.50	22.73	150.31%	0.039	0.059	-
NR n66			216	0	Right Tilt	0	352000	1760	24.00	22.19	151.71%	0.037	0.056	-
NR n66			1	1	Left Touch	0	349000	1745	24.50	22.75	149.62%	0.078	0.117	-
NR n66			108	54	Left Touch	0	349000	1745	24.50	22.73	150.31%	0.068	0.102	-
NR n66			216	0	Left Touch	0	352000	1760	24.00	22.19	151.71%	0.065	0.099	-
NR n66			1	1	Left Tilt	0	349000	1745	24.50	22.75	149.62%	0.047	0.070	-
NR n66			108	54	Left Tilt	0	349000	1745	24.50	22.73	150.31%	0.044	0.066	-
NR n66			216	0	Left Tilt	0	352000	1760	24.00	22.19	151.71%	0.042	0.064	-
NR n41	100MHz	SCS 30kHz PI/2 BPSK	1	137	Right Touch	0	509202	2546.01	24.50	23.15	136.46%	0.069	0.094	-
NR n41			1	137	Right Touch	0	518598	2592.99	24.50	23.14	136.77%	0.066	0.090	-
NR n41			1	1	Right Touch	0	528000	2640	24.50	23.22	134.28%	0.078	0.105	018
NR n41			135	69	Right Touch	0	518598	2592.99	24.50	23.18	135.52%	0.057	0.077	-
NR n41			270	0	Right Touch	0	518598	2592.99	24.00	22.58	138.68%	0.053	0.073	-
NR n41			1	1	Right Tilt	0	528000	2640	24.50	23.22	134.28%	0.031	0.042	-
NR n41			135	69	Right Tilt	0	518598	2592.99	24.50	23.18	135.52%	0.027	0.037	-
NR n41			270	0	Right Tilt	0	518598	2592.99	24.00	22.58	138.68%	0.028	0.039	-
NR n41			1	1	Left Touch	0	528000	2640	24.50	23.22	134.28%	0.056	0.075	-
NR n41			135	69	Left Touch	0	518598	2592.99	24.50	23.18	135.52%	0.044	0.060	-
NR n41			270	0	Left Touch	0	518598	2592.99	24.00	22.58	138.68%	0.048	0.067	-
NR n41			1	1	Left Tilt	0	528000	2640	24.50	23.22	134.28%	0.032	0.043	-
NR n41			135	69	Left Tilt	0	518598	2592.99	24.50	23.18	135.52%	0.031	0.042	-
NR n41			270	0	Left Tilt	0	518598	2592.99	24.00	22.58	138.68%	0.032	0.044	-

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

WWAN Body

Band	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		ID
								Measured	Reported	
GPRS850 <1Dn4Up>	Front Surface	10	128	824.2	28.7	27.00	147.91%	0.094	0.139	-
GPRS850 <1Dn4Up>	Front Surface	10	190	836.6	28.7	27.66	127.06%	0.111	0.141	-
GPRS850 <1Dn4Up>	Front Surface	10	251	848.8	28.7	27.71	125.60%	0.129	0.162	-
GPRS850 <1Dn4Up>	Back Surface	10	128	824.2	28.7	27.00	147.91%	0.188	0.278	-
GPRS850 <1Dn4Up>	Back Surface	10	190	836.6	28.7	27.66	127.06%	0.214	0.272	-
GPRS850 <1Dn4Up>	Back Surface	10	251	848.8	28.7	27.71	125.60%	0.247	0.310	027
GPRS1900 <1Dn4Up>	Front Surface	10	512	1850.2	25.9	25.00	123.03%	0.085	0.105	-
GPRS1900 <1Dn4Up>	Front Surface	10	661	1880	25.9	24.93	125.03%	0.112	0.140	-
GPRS1900 <1Dn4Up>	Front Surface	10	810	1909.8	25.9	24.84	127.64%	0.092	0.117	-
GPRS1900 <1Dn4Up>	Back Surface	10	512	1850.2	25.9	25.00	123.03%	0.297	0.365	028
GPRS1900 <1Dn4Up>	Back Surface	10	661	1880	25.9	24.93	125.03%	0.253	0.316	-
GPRS1900 <1Dn4Up>	Back Surface	10	810	1909.8	25.9	24.84	127.64%	0.267	0.341	-
Band	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		ID
								Measured	Reported	
WCDMA Band II	Front Surface	10	9262	1852.4	23.3	22.34	124.74%	0.156	0.195	-
WCDMA Band II	Front Surface	10	9400	1880	23.3	22.41	122.74%	0.190	0.233	-
WCDMA Band II	Front Surface	10	9538	1907.6	23.3	22.14	130.62%	0.153	0.200	-
WCDMA Band II	Back Surface	10	9262	1852.4	23.3	22.34	124.74%	0.411	0.513	-
WCDMA Band II	Back Surface	10	9400	1880	23.3	22.41	122.74%	0.453	0.556	029
WCDMA Band II	Back Surface	10	9538	1907.6	23.3	22.14	130.62%	0.412	0.538	-
WCDMA Band IV	Front Surface	10	1312	1712.4	23.3	22.28	126.47%	0.175	0.221	-
WCDMA Band IV	Front Surface	10	1412	1732.4	23.3	22.29	126.18%	0.155	0.196	-
WCDMA Band IV	Front Surface	10	1513	1752.6	23.3	22.36	124.17%	0.176	0.219	-
WCDMA Band IV	Back Surface	10	1312	1712.4	23.3	22.28	126.47%	0.241	0.305	-
WCDMA Band IV	Back Surface	10	1412	1732.4	23.3	22.29	126.18%	0.278	0.351	-
WCDMA Band IV	Back Surface	10	1513	1752.6	23.3	22.36	124.17%	0.306	0.380	030
WCDMA Band V	Front Surface	10	4132	826.4	24.0	23.02	125.31%	0.179	0.224	-
WCDMA Band V	Front Surface	10	4183	836.6	24.0	23.07	123.88%	0.164	0.203	-
WCDMA Band V	Front Surface	10	4233	846.6	24.0	22.96	127.06%	0.145	0.184	-
WCDMA Band V	Back Surface	10	4132	826.4	24.0	23.02	125.31%	0.369	0.462	-
WCDMA Band V	Back Surface	10	4183	836.6	24.0	23.07	123.88%	0.418	0.518	031
WCDMA Band V	Back Surface	10	4233	846.6	24.0	22.96	127.06%	0.370	0.470	-

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Band	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		ID
												Measured	Reported	
LTE Band 2	20MHz	QPSK	1	0	Front Surface	10	19100	1900	23.30	22.35	124.45%	0.241	0.300	-
LTE Band 2			50	50	Front Surface	10	18900	1860	22.30	21.20	128.82%	0.200	0.258	-
LTE Band 2			100RB		Front Surface	10	18700	1860	22.30	21.06	133.05%	0.187	0.249	-
LTE Band 2			1	99	Back Surface	10	18700	1860	23.30	22.19	129.12%	0.266	0.343	-
LTE Band 2			1	0	Back Surface	10	18900	1880	23.30	22.15	130.32%	0.272	0.354	-
LTE Band 2			1	0	Back Surface	10	19100	1900	23.30	22.35	124.45%	0.298	0.371	032
LTE Band 2			50	50	Back Surface	10	18900	1860	22.30	21.20	128.82%	0.258	0.332	-
LTE Band 2			100RB		Back Surface	10	18700	1860	22.30	21.06	133.05%	0.251	0.334	-
LTE Band 4	20MHz	QPSK	1	0	Front Surface	10	20300	1745	23.30	22.46	121.34%	0.171	0.207	-
LTE Band 4			50	25	Front Surface	10	20175	1732.5	22.30	21.42	122.46%	0.148	0.181	-
LTE Band 4			100RB		Front Surface	10	20300	1745	22.30	21.44	121.90%	0.156	0.190	-
LTE Band 4			1	50	Back Surface	10	20050	1720	23.30	22.43	122.18%	0.208	0.254	-
LTE Band 4			1	50	Back Surface	10	20175	1732.5	23.30	22.41	122.74%	0.232	0.285	-
LTE Band 4			1	0	Back Surface	10	20300	1745	23.30	22.46	121.34%	0.252	0.306	033
LTE Band 4			50	25	Back Surface	10	20050	1720	22.30	21.43	122.18%	0.238	0.291	-
LTE Band 4			100RB		Back Surface	10	20300	1745	22.30	21.44	121.90%	0.220	0.268	-
LTE Band 5	10MHz	QPSK	1	0	Front Surface	10	20450	829	24.00	23.22	119.67%	0.102	0.122	-
LTE Band 5			25	25	Front Surface	10	20525	836.5	23.00	22.19	120.50%	0.075	0.090	-
LTE Band 5			50RB		Front Surface	10	20600	844	23.00	22.14	121.90%	0.077	0.094	-
LTE Band 5			1	0	Back Surface	10	20450	829	24.00	23.22	119.67%	0.250	0.299	034
LTE Band 5			1	49	Back Surface	10	20525	836.5	24.00	23.20	120.23%	0.207	0.249	-
LTE Band 5			25	25	Back Surface	10	20450	829	23.00	22.08	123.59%	0.234	0.289	-
LTE Band 5			25	25	Back Surface	10	20600	844	23.00	22.18	120.78%	0.226	0.273	-
LTE Band 5			50RB		Back Surface	10	20600	844	23.00	22.14	121.90%	0.236	0.288	-
LTE Band 7	20MHz	QPSK	1	0	Front Surface	10	20850	2510	23.30	22.25	127.35%	0.183	0.233	035
LTE Band 7			1	99	Front Surface	10	21100	2535	23.30	22.21	128.53%	0.158	0.203	-
LTE Band 7			1	50	Front Surface	10	21350	2560	23.30	22.20	128.82%	0.151	0.195	-
LTE Band 7			50	50	Front Surface	10	21100	2535	22.30	21.20	128.82%	0.153	0.197	-
LTE Band 7			100RB		Front Surface	10	20850	2510	22.30	21.17	129.72%	0.138	0.179	-
LTE Band 7			1	0	Back Surface	10	20850	2510	23.30	22.25	127.35%	0.133	0.169	-
LTE Band 7			50	50	Back Surface	10	21100	2535	22.30	21.20	128.82%	0.119	0.153	-
LTE Band 7			100RB		Back Surface	10	20850	2510	22.30	21.17	129.72%	0.097	0.126	-
LTE Band 12	10MHz	QPSK	1	0	Front Surface	10	23095	707.5	24.00	22.76	133.05%	0.047	0.063	-
LTE Band 12			25	0	Front Surface	10	23060	704	23.00	21.74	133.66%	0.049	0.065	-
LTE Band 12			50RB		Front Surface	10	23130	711	23.00	21.65	136.46%	0.052	0.071	-
LTE Band 12			1	25	Back Surface	10	23060	704	24.00	22.74	133.66%	0.072	0.096	-
LTE Band 12			1	0	Back Surface	10	23095	707.5	24.00	22.76	133.05%	0.088	0.117	036
LTE Band 12			1	0	Back Surface	10	23130	711	24.00	22.74	133.66%	0.074	0.099	-
LTE Band 12			25	0	Back Surface	10	23060	704	23.00	21.74	133.66%	0.067	0.090	-
LTE Band 12			50RB		Back Surface	10	23130	711	23.00	21.65	136.46%	0.077	0.105	-
LTE Band 13	10MHz	QPSK	1	0	Front Surface	10	23230	782	24.00	23.01	125.60%	0.085	0.107	-
LTE Band 13			25	12	Front Surface	10	23230	782	23.00	22.00	125.89%	0.088	0.111	-
LTE Band 13			50RB		Front Surface	10	23230	782	23.00	21.96	127.06%	0.075	0.095	-
LTE Band 13			1	0	Back Surface	10	23230	782	24.00	22.85	130.32%	0.153	0.199	-
LTE Band 13			1	0	Back Surface	10	23230	782	24.00	23.01	125.60%	0.170	0.214	037
LTE Band 13			25	25	Back Surface	10	23230	782	23.00	22.00	125.89%	0.144	0.181	-
LTE Band 13			50RB		Back Surface	10	23230	782	23.00	21.96	127.06%	0.128	0.163	-

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

LTE Band 17	10MHz	QPSK	1	0	Front Surface	10	23790	710	24.00	22.96	127.06%	0.034	0.043	-
LTE Band 17			25	0	Front Surface	10	23800	711	23.00	21.94	127.64%	0.031	0.040	-
LTE Band 17			50RB		Front Surface	10	23800	711	23.00	21.88	129.42%	0.030	0.039	-
LTE Band 17			1	25	Back Surface	10	23780	709	24.00	22.92	128.23%	0.028	0.036	-
LTE Band 17			1	0	Back Surface	10	23790	710	24.00	22.96	127.06%	0.089	0.113	038
LTE Band 17			1	25	Back Surface	10	23800	711	24.00	22.84	130.62%	0.073	0.095	-
LTE Band 17			25	0	Back Surface	10	23800	711	23.00	21.94	127.64%	0.079	0.101	-
LTE Band 17			50RB		Back Surface	10	23800	711	23.00	21.88	129.42%	0.074	0.096	-
LTE Band 66	20MHz	QPSK	1	0	Front Surface	10	132072	1720	23.30	22.45	121.62%	0.119	0.145	-
LTE Band 66			50	50	Front Surface	10	132572	1770	22.30	21.43	122.18%	0.124	0.152	-
LTE Band 66			100RB		Front Surface	10	132322	1745	22.30	21.42	122.46%	0.125	0.153	-
LTE Band 66			1	0	Back Surface	10	132072	1720	23.30	22.45	121.62%	0.172	0.209	039
LTE Band 66			1	50	Back Surface	10	132322	1745	23.30	22.41	122.74%	0.161	0.198	-
LTE Band 66			1	50	Back Surface	10	132572	1770	23.30	22.40	123.03%	0.155	0.191	-
LTE Band 66			50	50	Back Surface	10	132572	1770	22.30	21.43	122.18%	0.157	0.192	-
LTE Band 66			100RB		Back Surface	10	132322	1745	22.30	21.42	122.46%	0.160	0.196	-
66B	20MHz	QPSK	1	49	Back Surface	10	132373	1750.1	23.3	21.51	151.01%	0.125	0.189	-
66C	20MHz	QPSK	1	99	Back Surface	10	132323	1745.1	23.3	21.5	151.36%	0.118	0.179	-
LTE Band 38	20MHz	QPSK	1	0	Front Surface	10	37850	2580	24.00	22.78	132.34%	0.098	0.130	040
LTE Band 38			1	50	Front Surface	10	38000	2595	24.00	22.74	133.66%	0.071	0.095	-
LTE Band 38			1	99	Front Surface	10	38150	2610	24.00	22.69	135.21%	0.069	0.093	-
LTE Band 38			50	0	Front Surface	10	37850	2580	23.00	21.84	130.62%	0.081	0.106	-
LTE Band 38			100RB		Front Surface	10	37850	2580	23.00	21.80	131.83%	0.077	0.102	-
LTE Band 38			1	0	Back Surface	10	37850	2580	24.00	22.78	132.34%	0.043	0.057	-
LTE Band 38			50	0	Back Surface	10	37850	2580	23.00	21.84	130.62%	0.044	0.057	-
LTE Band 38			100RB		Back Surface	10	37850	2580	23.00	21.80	131.83%	0.048	0.063	-
LTE Band 41	20MHz	QPSK	1	50	Front Surface	10	39750	2506	24.00	22.88	129.42%	0.091	0.118	-
LTE Band 41			1	50	Front Surface	10	40185	2549.5	24.00	23.04	124.74%	0.109	0.136	-
LTE Band 41			1	50	Front Surface	10	40620	2593	24.00	23.02	125.31%	0.096	0.120	-
LTE Band 41			1	50	Front Surface	10	41055	2636.5	24.00	23.00	125.89%	0.105	0.132	-
LTE Band 41			1	0	Front Surface	10	41490	2680	24.00	23.05	124.45%	0.122	0.152	041
LTE Band 41			50	0	Front Surface	10	40185	2549.5	23.00	22.01	125.60%	0.106	0.133	-
LTE Band 41			100RB		Front Surface	10	41490	2680	23.00	22.02	125.31%	0.098	0.123	-
LTE Band 41			1	50	Back Surface	10	39750	2506	24.00	22.88	129.42%	0.052	0.067	-
LTE Band 41			1	50	Back Surface	10	40185	2549.5	24.00	23.04	124.74%	0.056	0.070	-
LTE Band 41			1	50	Back Surface	10	40620	2593	24.00	23.02	125.31%	0.055	0.069	-
LTE Band 41			1	50	Back Surface	10	41055	2636.5	24.00	23.00	125.89%	0.054	0.068	-
LTE Band 41			1	0	Back Surface	10	41490	2680	24.00	23.05	124.45%	0.054	0.067	-
LTE Band 41			50	0	Back Surface	10	40185	2549.5	23.00	22.01	125.60%	0.067	0.084	-
LTE Band 41			100RB		Back Surface	10	41490	2680	23.00	22.02	125.31%	0.078	0.098	-

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

Band	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		ID
												Measured	Reported	
NR n5	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Front Surface	10	167300	836.5	24.50	23.06	139.32%	0.119	0.166	-
NR n5			50	28	Front Surface	10	166800	834	24.50	23.02	140.60%	0.101	0.142	-
NR n5			100	0	Front Surface	10	166800	834	24.00	22.45	142.89%	0.097	0.139	-
NR n5			1	1	Back Surface	10	166800	834	24.50	23.00	141.25%	0.166	0.234	-
NR n5			1	1	Back Surface	10	167300	836.5	24.50	23.06	139.32%	0.202	0.281	042
NR n5			1	1	Back Surface	10	167800	839	24.50	23.00	141.25%	0.165	0.233	-
NR n5			50	28	Back Surface	10	166800	834	24.50	23.02	140.60%	0.175	0.246	-
NR n5			100	0	Back Surface	10	166800	834	24.00	22.45	142.89%	0.184	0.263	-
NR n66	40MHz	SCS 15kHz Pi/2 BPSK	1	1	Front Surface	10	349000	1745	24.50	22.75	149.62%	0.197	0.295	-
NR n66			108	54	Front Surface	10	349000	1745	24.50	22.73	150.31%	0.154	0.231	-
NR n66			216	0	Front Surface	10	352000	1760	24.00	22.19	151.71%	0.165	0.250	-
NR n66			1	1	Back Surface	10	346000	1730	24.50	22.72	150.66%	0.231	0.348	-
NR n66			1	1	Back Surface	10	349000	1745	24.50	22.75	149.62%	0.247	0.370	043
NR n66			1	1	Back Surface	10	352000	1760	24.50	22.71	151.01%	0.228	0.344	-
NR n66			108	54	Back Surface	10	349000	1745	24.50	22.73	150.31%	0.209	0.314	-
NR n66			216	0	Back Surface	10	352000	1760	24.00	22.19	151.71%	0.199	0.302	-
NR n41	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Front Surface	10	528000	2640	24.50	23.22	134.28%	0.067	0.090	-
NR n41			135	69	Front Surface	10	518598	2592.99	24.50	23.18	135.52%	0.052	0.070	-
NR n41			270	0	Front Surface	10	518598	2592.99	24.00	22.58	138.68%	0.051	0.071	-
NR n41			1	137	Back Surface	10	509202	2546.01	24.50	23.15	136.46%	0.108	0.147	-
NR n41			1	137	Back Surface	10	518598	2592.99	24.50	23.14	136.77%	0.113	0.155	-
NR n41			1	1	Back Surface	10	528000	2640	24.50	23.22	134.28%	0.125	0.168	044
NR n41			135	69	Back Surface	10	518598	2592.99	24.50	23.18	135.52%	0.092	0.125	-
NR n41			270	0	Back Surface	10	518598	2592.99	24.00	22.58	138.68%	0.081	0.112	-

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

WWAN_Hotspot

Band	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		ID
								Measured	Reported	
GPRS850 <1Dn4Up>	Front Surface	10	251	848.8	28.7	27.71	125.60%	0.166	0.209	-
GPRS850 <1Dn4Up>	Back Surface	10	128	824.2	28.7	27.00	147.91%	0.362	0.535	-
GPRS850 <1Dn4Up>	Back Surface	10	190	836.6	28.7	27.66	127.06%	0.398	0.506	-
GPRS850 <1Dn4Up>	Back Surface	10	251	848.8	28.7	27.71	125.60%	0.443	0.556	055
GPRS850 <1Dn4Up>	Top Edge	10	251	848.8	28.7	27.71	125.60%	0.017	0.021	-
GPRS850 <1Dn4Up>	Bottom Edge	10	251	848.8	28.7	27.71	125.60%	0.221	0.278	-
GPRS850 <1Dn4Up>	Right Edge	10	251	848.8	28.7	27.71	125.60%	0.256	0.322	-
GPRS850 <1Dn4Up>	Left Edge	10	251	848.8	28.7	27.71	125.60%	0.039	0.049	-
GPRS1900 <1Dn4Up>	Front Surface	10	512	1850.2	25.9	25.00	123.03%	0.175	0.215	056
GPRS1900 <1Dn4Up>	Front Surface	10	661	1880	25.9	24.93	125.03%	0.164	0.205	-
GPRS1900 <1Dn4Up>	Front Surface	10	810	1909.8	25.9	24.84	127.64%	0.155	0.198	-
GPRS1900 <1Dn4Up>	Back Surface	10	512	1850.2	25.9	25.00	123.03%	0.149	0.183	-
GPRS1900 <1Dn4Up>	Top Edge	10	512	1850.2	25.9	25.00	123.03%	0.012	0.015	-
GPRS1900 <1Dn4Up>	Bottom Edge	10	512	1850.2	25.9	25.00	123.03%	0.141	0.173	-
GPRS1900 <1Dn4Up>	Right Edge	10	512	1850.2	25.9	25.00	123.03%	0.045	0.055	-
GPRS1900 <1Dn4Up>	Left Edge	10	512	1850.2	25.9	25.00	123.03%	0.098	0.121	-
Band	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		ID
								Measured	Reported	
WCDMA Band II	Front Surface	10	9262	1852.4	23.3	22.34	124.74%	0.211	0.263	-
WCDMA Band II	Front Surface	10	9400	1880	23.3	22.41	122.74%	0.228	0.280	057
WCDMA Band II	Front Surface	10	9538	1907.6	23.3	22.14	130.62%	0.202	0.264	-
WCDMA Band II	Back Surface	10	9400	1880	23.3	22.41	122.74%	0.186	0.228	-
WCDMA Band II	Top Edge	10	9400	1880	23.3	22.41	122.74%	0.015	0.018	-
WCDMA Band II	Bottom Edge	10	9400	1880	23.3	22.41	122.74%	0.116	0.142	-
WCDMA Band II	Right Edge	10	9400	1880	23.3	22.41	122.74%	0.022	0.027	-
WCDMA Band II	Left Edge	10	9400	1880	23.3	22.41	122.74%	0.135	0.166	-
WCDMA Band IV	Front Surface	10	1312	1712.4	23.3	22.28	126.47%	0.205	0.259	-
WCDMA Band IV	Front Surface	10	1412	1732.4	23.3	22.29	126.18%	0.216	0.273	-
WCDMA Band IV	Front Surface	10	1513	1752.6	23.3	22.36	124.17%	0.228	0.283	058
WCDMA Band IV	Back Surface	10	1513	1752.6	23.3	22.36	124.17%	0.199	0.247	-
WCDMA Band IV	Top Edge	10	1513	1752.6	23.3	22.36	124.17%	0.010	0.012	-
WCDMA Band IV	Bottom Edge	10	1513	1752.6	23.3	22.36	124.17%	0.121	0.150	-
WCDMA Band IV	Right Edge	10	1513	1752.6	23.3	22.36	124.17%	0.030	0.037	-
WCDMA Band IV	Left Edge	10	1513	1752.6	23.3	22.36	124.17%	0.122	0.151	-
WCDMA Band V	Front Surface	10	4183	836.6	24.0	23.07	123.88%	0.179	0.222	-
WCDMA Band V	Back Surface	10	4132	826.4	24.0	23.02	125.31%	0.259	0.325	-
WCDMA Band V	Back Surface	10	4183	836.6	24.0	23.07	123.88%	0.322	0.399	059
WCDMA Band V	Back Surface	10	4233	846.6	24.0	22.96	127.06%	0.295	0.375	-
WCDMA Band V	Top Edge	10	4183	836.6	24.0	23.07	123.88%	0.011	0.014	-
WCDMA Band V	Bottom Edge	10	4183	836.6	24.0	23.07	123.88%	0.245	0.304	-
WCDMA Band V	Right Edge	10	4183	836.6	24.0	23.07	123.88%	0.275	0.341	-
WCDMA Band V	Left Edge	10	4183	836.6	24.0	23.07	123.88%	0.042	0.052	-

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Band	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		ID
												Measured	Reported	
LTE Band 2	20MHz	QPSK	1	0	Front Surface	10	19100	1900	23.30	22.35	124.45%	0.162	0.202	-
LTE Band 2			50	50	Front Surface	10	18900	1860	22.30	21.20	128.82%	0.128	0.165	-
LTE Band 2			100RB		Front Surface	10	18700	1860	22.30	21.06	133.05%	0.137	0.182	-
LTE Band 2			1	99	Back Surface	10	18700	1860	23.30	22.19	129.12%	0.242	0.312	-
LTE Band 2			1	0	Back Surface	10	18900	1880	23.30	22.15	130.32%	0.233	0.304	-
LTE Band 2			1	0	Back Surface	10	19100	1900	22.30	22.35	124.45%	0.278	0.346	060
LTE Band 2			50	50	Back Surface	10	18900	1860	22.30	21.20	128.82%	0.213	0.274	-
LTE Band 2			100RB		Back Surface	10	18700	1860	22.30	21.06	133.05%	0.260	0.346	-
LTE Band 2			1	0	Top Edge	10	19100	1900	23.30	22.35	124.45%	0.032	0.040	-
LTE Band 2			50	50	Top Edge	10	18900	1860	22.30	21.20	128.82%	0.021	0.027	-
LTE Band 2			100RB		Top Edge	10	18700	1860	22.30	21.06	133.05%	0.017	0.023	-
LTE Band 2			1	0	Bottom Edge	10	19100	1900	23.30	22.35	124.45%	0.023	0.029	-
LTE Band 2			50	50	Bottom Edge	10	18900	1860	22.30	21.20	128.82%	0.024	0.031	-
LTE Band 2			100RB		Bottom Edge	10	18700	1860	22.30	21.06	133.05%	0.021	0.028	-
LTE Band 2			1	0	Right Edge	10	19100	1900	22.30	22.35	124.45%	0.162	0.202	-
LTE Band 2			50	50	Right Edge	10	18900	1860	22.30	21.20	128.82%	0.148	0.191	-
LTE Band 2			100RB		Right Edge	10	18700	1860	22.30	21.06	133.05%	0.154	0.205	-
LTE Band 2			1	0	Left Edge	10	19100	1900	23.30	22.35	124.45%	0.183	0.228	-
LTE Band 2			50	50	Left Edge	10	18900	1860	22.30	21.20	128.82%	0.164	0.211	-
LTE Band 2			100RB		Left Edge	10	18700	1860	22.30	21.06	133.05%	0.177	0.235	-
LTE Band 4	20MHz	QPSK	1	0	Front Surface	10	20300	1745	23.30	22.46	121.34%	0.165	0.200	-
LTE Band 4			50	25	Front Surface	10	20050	1720	22.30	21.43	122.18%	0.149	0.182	-
LTE Band 4			100RB		Front Surface	10	20300	1745	22.30	21.44	121.90%	0.160	0.195	-
LTE Band 4			1	50	Back Surface	10	20050	1720	23.30	22.43	122.18%	0.188	0.230	-
LTE Band 4			1	50	Back Surface	10	20175	1732.5	23.30	22.41	122.74%	0.190	0.233	-
LTE Band 4			1	0	Back Surface	10	20300	1745	23.30	22.46	121.34%	0.217	0.263	061
LTE Band 4			50	25	Back Surface	10	20050	1720	22.30	21.43	122.18%	0.181	0.221	-
LTE Band 4			100RB		Back Surface	10	20300	1745	22.30	21.44	121.90%	0.168	0.205	-
LTE Band 4			1	0	Top Edge	10	20300	1745	23.30	22.46	121.34%	0.026	0.032	-
LTE Band 4			50	25	Top Edge	10	20050	1720	22.30	21.43	122.18%	0.024	0.029	-
LTE Band 4			100RB		Top Edge	10	20300	1745	22.30	21.44	121.90%	0.027	0.033	-
LTE Band 4			1	0	Bottom Edge	10	20300	1745	23.30	22.46	121.34%	0.022	0.027	-
LTE Band 4			50	25	Bottom Edge	10	20050	1720	22.30	21.43	122.18%	0.023	0.028	-
LTE Band 4			100RB		Bottom Edge	10	20300	1745	22.30	21.44	121.90%	0.021	0.026	-
LTE Band 4			1	0	Right Edge	10	20300	1745	23.30	22.46	121.34%	0.153	0.186	-
LTE Band 4			50	25	Right Edge	10	20050	1720	22.30	21.43	122.18%	0.150	0.183	-
LTE Band 4			100RB		Right Edge	10	20300	1745	22.30	21.44	121.90%	0.145	0.177	-
LTE Band 4			1	0	Left Edge	10	20300	1745	23.30	22.46	121.34%	0.194	0.235	-
LTE Band 4			50	25	Left Edge	10	20050	1720	22.30	21.43	122.18%	0.169	0.206	-
LTE Band 4			100RB		Left Edge	10	20300	1745	22.30	21.44	121.90%	0.195	0.238	-
LTE Band 5	10MHz	QPSK	1	0	Front Surface	10	20450	829	24.00	23.22	119.67%	0.177	0.212	-
LTE Band 5			25	12	Front Surface	10	20450	829	23.00	22.08	123.59%	0.151	0.187	-
LTE Band 5			50RB		Front Surface	10	20600	844	23.00	22.14	121.90%	0.163	0.199	-
LTE Band 5			1	0	Back Surface	10	20450	829	24.00	23.22	119.67%	0.250	0.299	062
LTE Band 5			1	49	Back Surface	10	20525	836.5	24.00	23.20	120.23%	0.206	0.248	-
LTE Band 5			1	49	Back Surface	10	20600	844	24.00	23.20	120.23%	0.226	0.272	-
LTE Band 5			25	50	Back Surface	10	20525	836.5	23.00	22.19	120.50%	0.242	0.292	-
LTE Band 5			50RB		Back Surface	10	20600	844	23.00	22.14	121.90%	0.224	0.273	-
LTE Band 5			1	0	Top Edge	10	20450	829	24.00	23.22	119.67%	0.010	0.012	-
LTE Band 5			25	50	Top Edge	10	20525	836.5	23.00	22.19	120.50%	0.005	0.006	-
LTE Band 5			50RB		Top Edge	10	20600	844	23.00	22.14	121.90%	0.008	0.010	-
LTE Band 5			1	0	Bottom Edge	10	20450	829	24.00	23.22	119.67%	0.229	0.274	-
LTE Band 5			25	50	Bottom Edge	10	20525	836.5	23.00	22.19	120.50%	0.207	0.249	-
LTE Band 5			50RB		Bottom Edge	10	20600	844	23.00	22.14	121.90%	0.203	0.247	-
LTE Band 5			1	0	Right Edge	10	20450	829	24.00	23.22	119.67%	0.225	0.269	-
LTE Band 5			25	50	Right Edge	10	20525	836.5	23.00	22.19	120.50%	0.221	0.266	-
LTE Band 5			50RB		Right Edge	10	20600	844	23.00	22.14	121.90%	0.215	0.262	-
LTE Band 5			1	0	Left Edge	10	20450	829	24.00	23.22	119.67%	0.041	0.049	-
LTE Band 5			25	50	Left Edge	10	20525	836.5	23.00	22.19	120.50%	0.035	0.042	-
LTE Band 5			50RB		Left Edge	10	20600	844	23.00	22.14	121.90%	0.039	0.048	-
LTE Band 7	20MHz	QPSK	1	0	Front Surface	10	20850	2510	23.30	22.25	127.35%	0.109	0.139	-
LTE Band 7			50	50	Front Surface	10	21100	2535	22.30	21.20	128.82%	0.094	0.121	-
LTE Band 7			100RB		Front Surface	10	20850	2510	22.30	21.17	129.72%	0.101	0.131	-
LTE Band 7			1	0	Back Surface	10	20850	2510	23.30	22.25	127.35%	0.073	0.093	-
LTE Band 7			50	50	Back Surface	10	21100	2535	22.30	21.20	128.82%	0.064	0.082	-
LTE Band 7			100RB		Back Surface	10	20850	2510	22.30	21.17	129.72%	0.069	0.090	-
LTE Band 7			1	0	Top Edge	10	20850	2510	23.30	22.25	127.35%	0.012	0.015	-
LTE Band 7			50	50	Top Edge	10	21100	2535	22.30	21.20	128.82%	0.009	0.012	-
LTE Band 7			100RB		Top Edge	10	20850	2510	22.30	21.17	129.72%	0.007	0.009	-
LTE Band 7			1	0	Bottom Edge	10	20850	2510	23.30	22.25	127.35%	0.063	0.080	-
LTE Band 7			50	50	Bottom Edge	10	21100	2535	22.30	21.20	128.82%	0.045	0.058	-
LTE Band 7			100RB		Bottom Edge	10	20850	2510	22.30	21.17	129.72%	0.053	0.069	-
LTE Band 7			1	0	Right Edge	10	20850	2510	23.30	22.25	127.35%	0.015	0.019	-
LTE Band 7			50	50	Right Edge	10	21100	2535	22.30	21.20	128.82%	0.014	0.018	-
LTE Band 7			100RB		Right Edge	10	20850	2510	22.30	21.17	129.72%	0.011	0.014	-
LTE Band 7			1	0	Left Edge	10	20850	2510	23.30	22.25	127.35%	0.231	0.294	063
LTE Band 7			1	99	Left Edge	10	21100	2535	23.30	22.21	128.53%	0.229	0.294	-
LTE Band 7			1	50	Left Edge	10	21350	2560	23.30	22.20	128.82%	0.219	0.282	-
LTE Band 7			50	50	Left Edge	10	21100	2535	22.30	21.20	128.82%	0.207	0.267	-
LTE Band 7			100RB		Left Edge	10	20850	2510	22.30	21.17	129.72%	0.223	0.289	-

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

LTE Band 12	10MHz	QPSK	1	0	Front Surface	10	23095	707.5	24.00	22.76	133.05%	0.110	0.146	-
LTE Band 12			25	0	Front Surface	10	23060	704	23.00	21.74	133.66%	0.126	0.168	-
LTE Band 12			50RB		Front Surface	10	23130	711	23.00	21.65	136.46%	0.109	0.149	-
LTE Band 12			1	25	Back Surface	10	23060	704	24.00	22.74	133.66%	0.147	0.196	-
LTE Band 12			1	0	Back Surface	10	23095	707.5	24.00	22.76	133.05%	0.159	0.212	064
LTE Band 12			1	0	Back Surface	10	23130	711	24.00	22.74	133.66%	0.151	0.202	-
LTE Band 12			25	0	Back Surface	10	23060	704	23.00	21.74	133.66%	0.144	0.192	-
LTE Band 12			50RB		Back Surface	10	23130	711	23.00	21.65	136.46%	0.148	0.202	-
LTE Band 12			1	0	Top Edge	10	23095	707.5	24.00	22.76	133.05%	0.020	0.027	-
LTE Band 12			25	0	Top Edge	10	23060	704	23.00	21.74	133.66%	0.019	0.025	-
LTE Band 12			50RB		Top Edge	10	23130	711	23.00	21.65	136.46%	0.024	0.033	-
LTE Band 12			1	0	Bottom Edge	10	23095	707.5	24.00	22.76	133.05%	0.017	0.023	-
LTE Band 12			25	0	Bottom Edge	10	23060	704	23.00	21.74	133.66%	0.015	0.020	-
LTE Band 12			50RB		Bottom Edge	10	23130	711	23.00	21.65	136.46%	0.011	0.015	-
LTE Band 12			1	0	Right Edge	10	23095	707.5	24.00	22.76	133.05%	0.140	0.186	-
LTE Band 12			25	0	Right Edge	10	23060	704	23.00	21.74	133.66%	0.136	0.182	-
LTE Band 12			50RB		Right Edge	10	23130	711	23.00	21.65	136.46%	0.129	0.176	-
LTE Band 12			1	0	Left Edge	10	23095	707.5	24.00	22.76	133.05%	0.027	0.036	-
LTE Band 12			25	0	Left Edge	10	23060	704	23.00	21.74	133.66%	0.022	0.029	-
LTE Band 12			50RB		Left Edge	10	23130	711	23.00	21.65	136.46%	0.024	0.033	-
LTE Band 13	10MHz	QPSK	1	0	Front Surface	10	23230	782	24.00	23.01	125.60%	0.132	0.166	-
LTE Band 13			25	12	Front Surface	10	23230	782	23.00	22.00	125.89%	0.117	0.147	-
LTE Band 13			50RB		Front Surface	10	23230	782	23.00	21.96	127.06%	0.125	0.159	-
LTE Band 13			1	0	Back Surface	10	23230	782	24.00	22.85	130.32%	0.174	0.227	-
LTE Band 13			1	0	Back Surface	10	23230	782	24.00	23.01	125.60%	0.182	0.229	065
LTE Band 13			1	49	Back Surface	10	23230	782	24.00	22.87	129.72%	0.169	0.219	-
LTE Band 13			25	25	Back Surface	10	23230	782	23.00	22.00	125.89%	0.178	0.224	-
LTE Band 13			50RB		Back Surface	10	23230	782	23.00	21.96	127.06%	0.171	0.217	-
LTE Band 13			1	0	Top Edge	10	23230	782	24.00	23.01	125.60%	0.030	0.038	-
LTE Band 13			25	25	Top Edge	10	23230	782	23.00	22.00	125.89%	0.025	0.031	-
LTE Band 13			50RB		Top Edge	10	23230	782	23.00	21.96	127.06%	0.029	0.037	-
LTE Band 13			1	0	Bottom Edge	10	23230	782	24.00	23.01	125.60%	0.019	0.024	-
LTE Band 13			25	25	Bottom Edge	10	23230	782	23.00	22.00	125.89%	0.016	0.020	-
LTE Band 13			50RB		Bottom Edge	10	23230	782	23.00	21.96	127.06%	0.020	0.025	-
LTE Band 13			1	0	Right Edge	10	23230	782	24.00	23.01	125.60%	0.166	0.209	-
LTE Band 13			25	25	Right Edge	10	23230	782	23.00	22.00	125.89%	0.149	0.188	-
LTE Band 13			50RB		Right Edge	10	23230	782	23.00	21.96	127.06%	0.154	0.196	-
LTE Band 13			1	0	Left Edge	10	23230	782	24.00	23.01	125.60%	0.034	0.043	-
LTE Band 13			25	25	Left Edge	10	23230	782	23.00	22.00	125.89%	0.038	0.048	-
LTE Band 13			50RB		Left Edge	10	23230	782	23.00	21.96	127.06%	0.042	0.053	-
LTE Band 17	10MHz	QPSK	1	0	Front Surface	10	23790	710	24.00	22.96	127.06%	0.102	0.130	-
LTE Band 17			25	0	Front Surface	10	23800	711	23.00	21.94	127.64%	0.112	0.143	-
LTE Band 17			50RB		Front Surface	10	23800	711	23.00	21.88	129.42%	0.108	0.140	-
LTE Band 17			1	25	Back Surface	10	23780	709	24.00	22.92	128.23%	0.151	0.194	-
LTE Band 17			1	0	Back Surface	10	23790	710	24.00	22.96	127.06%	0.154	0.196	066
LTE Band 17			1	25	Back Surface	10	23800	711	24.00	22.84	130.62%	0.133	0.174	-
LTE Band 17			25	0	Back Surface	10	23800	711	23.00	21.94	127.64%	0.146	0.186	-
LTE Band 17			50RB		Back Surface	10	23800	711	23.00	21.88	129.42%	0.149	0.193	-
LTE Band 17			1	0	Top Edge	10	23790	710	24.00	22.96	127.06%	0.023	0.029	-
LTE Band 17			25	0	Top Edge	10	23800	711	23.00	21.94	127.64%	0.016	0.020	-
LTE Band 17			50RB		Top Edge	10	23800	711	23.00	21.88	129.42%	0.018	0.023	-
LTE Band 17			1	0	Bottom Edge	10	23790	710	24.00	22.96	127.06%	0.013	0.017	-
LTE Band 17			25	0	Bottom Edge	10	23800	711	23.00	21.94	127.64%	0.014	0.018	-
LTE Band 17			50RB		Bottom Edge	10	23800	711	23.00	21.88	129.42%	0.011	0.014	-
LTE Band 17			1	0	Right Edge	10	23790	710	24.00	22.96	127.06%	0.147	0.187	-
LTE Band 17			25	0	Right Edge	10	23800	711	23.00	21.94	127.64%	0.138	0.176	-
LTE Band 17			50RB		Right Edge	10	23800	711	23.00	21.88	129.42%	0.142	0.184	-
LTE Band 17			1	0	Left Edge	10	23790	710	24.00	22.96	127.06%	0.036	0.046	-
LTE Band 17			25	0	Left Edge	10	23800	711	23.00	21.94	127.64%	0.031	0.040	-
LTE Band 17			50RB		Left Edge	10	23800	711	23.00	21.88	129.42%	0.040	0.052	-
LTE Band 66	20MHz	QPSK	1	0	Front Surface	10	132072	1720	23.30	22.45	121.62%	0.153	0.186	-
LTE Band 66			50	50	Front Surface	10	132572	1770	22.30	21.43	122.18%	0.132	0.161	-
LTE Band 66			100RB		Front Surface	10	132322	1745	22.30	21.42	122.46%	0.145	0.178	-
LTE Band 66			1	0	Back Surface	10	132072	1720	23.30	22.45	121.62%	0.202	0.246	067
LTE Band 66			1	50	Back Surface	10	132322	1745	23.30	22.41	122.74%	0.199	0.244	-
LTE Band 66			1	50	Back Surface	10	132572	1770	23.30	22.40	123.03%	0.176	0.217	-
LTE Band 66			50	50	Back Surface	10	132572	1770	22.30	21.43	122.18%	0.183	0.224	-
LTE Band 66			100RB		Back Surface	10	132322	1745	22.30	21.42	122.46%	0.192	0.235	-
LTE Band 66			1	0	Top Edge	10	132072	1720	23.30	22.45	121.62%	0.036	0.044	-
LTE Band 66			50	50	Top Edge	10	132572	1770	22.30	21.43	122.18%	0.025	0.031	-
LTE Band 66			100RB		Top Edge	10	132322	1745	22.30	21.42	122.46%	0.040	0.049	-
LTE Band 66			1	0	Bottom Edge	10	132072	1720	23.30	22.45	121.62%	0.022	0.027	-
LTE Band 66			50	50	Bottom Edge	10	132572	1770	22.30	21.43	122.18%	0.034	0.042	-
LTE Band 66			100RB		Bottom Edge	10	132322	1745	22.30	21.42	122.46%	0.029	0.036	-
LTE Band 66			1	0	Right Edge	10	132072	1720	23.30	22.45	121.62%	0.173	0.210	-
LTE Band 66			50	50	Right Edge	10	132572	1770	22.30	21.43	122.18%	0.182	0.222	-
LTE Band 66			100RB		Right Edge	10	132322	1745	22.30	21.42	122.46%	0.166	0.203	-
LTE Band 66			1	0	Left Edge	10	132072	1720	23.30	22.45	121.62%	0.188	0.229	-
LTE Band 66			50	50	Left Edge	10	132572	1770	22.30	21.43	122.18%	0.194	0.237	-
LTE Band 66			100RB		Left Edge	10	132322	1745	22.30	21.42	122.46%	0.177	0.217	-
66B	20MHz	QPSK	1	49	Back Surface	10	132373	1750.1	23.30	21.51	151.01%	0.155	0.234	-
66C	20MHz	QPSK	1	99	Back Surface	10	132323	1745.1	23.30	21.5	151.36%	0.142	0.215	-

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

LTE Band 38	20MHz	QPSK	1	0	Front Surface	10	37850	2580	24.00	22.78	132.34%	0.052	0.069	-
LTE Band 38			50	0	Front Surface	10	37850	2580	23.00	21.84	130.62%	0.061	0.080	-
LTE Band 38			100RB		Front Surface	10	37850	2580	23.00	21.80	131.83%	0.068	0.090	-
LTE Band 38			1	0	Back Surface	10	37850	2580	24.00	22.78	132.34%	0.049	0.065	-
LTE Band 38			50	0	Back Surface	10	37850	2580	23.00	21.84	130.62%	0.036	0.047	-
LTE Band 38			100RB		Back Surface	10	37850	2580	23.00	21.80	131.83%	0.041	0.054	-
LTE Band 38			1	0	Top Edge	10	37850	2580	24.00	22.78	132.34%	0.013	0.017	-
LTE Band 38			50	0	Top Edge	10	37850	2580	23.00	21.84	130.62%	0.010	0.013	-
LTE Band 38			100RB		Top Edge	10	37850	2580	23.00	21.80	131.83%	0.015	0.020	-
LTE Band 38			1	0	Bottom Edge	10	37850	2580	24.00	22.78	132.34%	0.042	0.056	-
LTE Band 38			50	0	Bottom Edge	10	37850	2580	23.00	21.84	130.62%	0.045	0.059	-
LTE Band 38			100RB		Bottom Edge	10	37850	2580	23.00	21.80	131.83%	0.037	0.049	-
LTE Band 38			1	0	Right Edge	10	37850	2580	24.00	22.78	132.34%	0.011	0.015	-
LTE Band 38			50	0	Right Edge	10	37850	2580	23.00	21.84	130.62%	0.005	0.007	-
LTE Band 38			100RB		Right Edge	10	37850	2580	23.00	21.80	131.83%	0.009	0.012	-
LTE Band 38			1	0	Left Edge	10	37850	2580	24.00	22.78	132.34%	0.117	0.155	068
LTE Band 38			1	50	Left Edge	10	38000	2595	24.00	22.74	133.66%	0.103	0.138	-
LTE Band 38			1	99	Left Edge	10	38150	2610	24.00	22.69	135.21%	0.094	0.127	-
LTE Band 38			50	0	Left Edge	10	37850	2580	23.00	21.84	130.62%	0.102	0.133	-
LTE Band 38			100RB		Left Edge	10	37850	2580	23.00	21.80	131.83%	0.109	0.144	-
LTE Band 41	20MHz	QPSK	1	0	Front Surface	10	41490	2680	24.00	23.05	124.45%	0.109	0.136	-
LTE Band 41			50	0	Front Surface	10	40185	2549.5	23.00	22.01	125.60%	0.112	0.141	-
LTE Band 41			100RB		Front Surface	10	41490	2680	23.00	22.02	125.31%	0.102	0.128	-
LTE Band 41			1	0	Back Surface	10	41490	2680	24.00	23.05	124.45%	0.006	0.007	-
LTE Band 41			50	0	Back Surface	10	40185	2549.5	23.00	22.01	125.60%	0.009	0.011	-
LTE Band 41			100RB		Back Surface	10	41490	2680	23.00	22.02	125.31%	0.010	0.013	-
LTE Band 41			1	0	Top Edge	10	41490	2680	24.00	23.05	124.45%	0.035	0.044	-
LTE Band 41			50	0	Top Edge	10	40185	2549.5	23.00	22.01	125.60%	0.028	0.035	-
LTE Band 41			100RB		Top Edge	10	41490	2680	23.00	22.02	125.31%	0.043	0.054	-
LTE Band 41			1	0	Bottom Edge	10	41490	2680	24.00	23.05	124.45%	0.052	0.065	-
LTE Band 41			50	0	Bottom Edge	10	40185	2549.5	23.00	22.01	125.60%	0.056	0.070	-
LTE Band 41			100RB		Bottom Edge	10	41490	2680	23.00	22.02	125.31%	0.049	0.061	-
LTE Band 41			1	0	Right Edge	10	41490	2680	24.00	23.05	124.45%	0.007	0.009	-
LTE Band 41			50	0	Right Edge	10	40185	2549.5	23.00	22.01	125.60%	0.003	0.004	-
LTE Band 41			100RB		Right Edge	10	41490	2680	23.00	22.02	125.31%	0.009	0.011	-
LTE Band 41			1	50	Left Edge	10	39750	2506	24.00	22.88	129.42%	0.145	0.188	-
LTE Band 41			1	50	Left Edge	10	40185	2549.5	24.00	23.04	124.74%	0.142	0.177	-
LTE Band 41			1	50	Left Edge	10	40620	2593	24.00	23.02	125.31%	0.134	0.168	-
LTE Band 41			1	50	Left Edge	10	41055	2636.5	24.00	23.00	125.89%	0.146	0.184	-
LTE Band 41			1	0	Left Edge	10	41490	2680	24.00	23.05	124.45%	0.159	0.198	069
LTE Band 41			50	0	Left Edge	10	40185	2549.5	23.00	22.01	125.60%	0.152	0.191	-

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

Band	Bandwidth (MHz)	Modulation	RB Size	RB start	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Scaling	Averaged SAR over 1g (W/kg)		ID
												Measured	Reported	
NR n5	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Front Surface	10	167300	836.5	24.50	23.06	139.32%	0.141	0.196	-
NR n5			50	28	Front Surface	10	166800	834	24.50	23.02	140.60%	0.123	0.173	-
NR n5			100	0	Front Surface	10	166800	834	24.00	22.45	142.89%	0.136	0.194	-
NR n5			1	1	Back Surface	10	167300	836.5	24.50	23.06	139.32%	0.186	0.259	-
NR n5			50	28	Back Surface	10	166800	834	24.50	23.02	140.60%	0.159	0.224	-
NR n5			100	0	Back Surface	10	166800	834	24.00	22.45	142.89%	0.162	0.231	-
NR n5			1	1	Top Edge	10	167300	836.5	24.50	23.06	139.32%	0.010	0.014	-
NR n5			50	28	Top Edge	10	166800	834	24.50	23.02	140.60%	0.006	0.008	-
NR n5			100	0	Top Edge	10	166800	834	24.00	22.45	142.89%	0.013	0.019	-
NR n5			1	1	Bottom Edge	10	166800	834	24.50	23.00	141.25%	0.311	0.439	-
NR n5			1	1	Bottom Edge	10	167300	836.5	24.50	23.06	139.32%	0.326	0.454	070
NR n5			1	1	Bottom Edge	10	167800	839	24.50	23.00	141.25%	0.294	0.415	-
NR n5			50	28	Bottom Edge	10	166800	834	24.50	23.02	140.60%	0.278	0.391	-
NR n5			100	0	Bottom Edge	10	166800	834	24.00	22.45	142.89%	0.287	0.410	-
NR n5			1	1	Right Edge	10	167300	836.5	24.50	23.06	139.32%	0.220	0.306	-
NR n5			50	28	Right Edge	10	166800	834	24.50	23.02	140.60%	0.187	0.263	-
NR n5			100	0	Right Edge	10	166800	834	24.00	22.45	142.89%	0.192	0.274	-
NR n5			1	1	Left Edge	10	167300	836.5	24.50	23.06	139.32%	0.040	0.056	-
NR n5			50	28	Left Edge	10	166800	834	24.50	23.02	140.60%	0.024	0.034	-
NR n5			100	0	Left Edge	10	166800	834	24.00	22.45	142.89%	0.033	0.047	-
NR n66	40MHz	SCS 15kHz Pi/2 BPSK	1	1	Front Surface	10	349000	1745	24.50	22.75	149.62%	0.244	0.365	-
NR n66			108	54	Front Surface	10	349000	1745	24.50	22.73	150.31%	0.203	0.305	-
NR n66			216	0	Front Surface	10	352000	1760	24.00	22.19	151.71%	0.224	0.340	-
NR n66			1	1	Back Surface	10	348000	1730	24.50	22.72	150.66%	0.294	0.443	-
NR n66			1	1	Back Surface	10	349000	1745	24.50	22.75	149.62%	0.319	0.477	071
NR n66			1	1	Back Surface	10	352000	1760	24.50	22.71	151.01%	0.288	0.435	-
NR n66			108	54	Back Surface	10	349000	1745	24.50	22.73	150.31%	0.311	0.467	-
NR n66			216	0	Back Surface	10	352000	1760	24.00	22.19	151.71%	0.274	0.416	-
NR n66			1	1	Top Edge	10	349000	1745	24.50	22.75	149.62%	0.030	0.045	-
NR n66			108	54	Top Edge	10	349000	1745	24.50	22.73	150.31%	0.021	0.032	-
NR n66			216	0	Top Edge	10	352000	1760	24.00	22.19	151.71%	0.029	0.044	-
NR n66			1	1	Bottom Edge	10	349000	1745	24.50	22.75	149.62%	0.158	0.236	-
NR n66			108	54	Bottom Edge	10	349000	1745	24.50	22.73	150.31%	0.153	0.230	-
NR n66			216	0	Bottom Edge	10	352000	1760	24.00	22.19	151.71%	0.142	0.215	-
NR n66			1	1	Right Edge	10	352000	1760	24.50	22.71	151.01%	0.147	0.222	-
NR n66			108	54	Right Edge	10	349000	1745	24.50	22.73	150.31%	0.031	0.047	-
NR n66			216	0	Right Edge	10	352000	1760	24.00	22.19	151.71%	0.024	0.036	-
NR n66			1	1	Left Edge	10	352000	1760	24.50	22.71	151.01%	0.112	0.169	-
NR n66			108	54	Left Edge	10	349000	1745	24.50	22.73	150.31%	0.135	0.203	-
NR n66			216	0	Left Edge	10	352000	1760	24.00	22.19	151.71%	0.132	0.200	-
NR n41	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Front Surface	10	528000	2640	24.50	23.22	134.28%	0.061	0.082	-
NR n41			135	69	Front Surface	10	518598	2592.99	24.50	23.18	135.52%	0.052	0.070	-
NR n41			270	0	Front Surface	10	518598	2592.99	24.00	22.58	138.68%	0.049	0.068	-
NR n41			1	1	Back Surface	10	528000	2640	24.50	23.22	134.28%	0.101	0.136	-
NR n41			135	69	Back Surface	10	518598	2592.99	24.50	23.18	135.52%	0.091	0.123	-
NR n41			270	0	Back Surface	10	518598	2592.99	24.00	22.58	138.68%	0.095	0.132	-
NR n41			1	1	Top Edge	10	528000	2640	24.50	23.22	134.28%	0.005	0.007	-
NR n41			135	69	Top Edge	10	518598	2592.99	24.50	23.18	135.52%	0.009	0.012	-
NR n41			270	0	Top Edge	10	518598	2592.99	24.00	22.58	138.68%	0.007	0.010	-
NR n41			1	137	Bottom Edge	10	509202	2546.01	24.50	23.15	136.46%	0.183	0.250	-
NR n41			1	137	Bottom Edge	10	518598	2592.99	24.50	23.14	136.77%	0.181	0.248	-
NR n41			1	1	Bottom Edge	10	528000	2640	24.50	23.22	134.28%	0.194	0.260	072
NR n41			135	69	Bottom Edge	10	518598	2592.99	24.50	23.18	135.52%	0.179	0.243	-
NR n41			1	1	Right Edge	10	528000	2640	24.50	23.22	134.28%	0.024	0.032	-
NR n41			135	69	Right Edge	10	518598	2592.99	24.50	23.18	135.52%	0.014	0.019	-
NR n41			270	0	Right Edge	10	518598	2592.99	24.00	22.58	138.68%	0.020	0.028	-
NR n41			1	1	Left Edge	10	528000	2640	24.50	23.22	134.28%	0.010	0.013	-
NR n41			135	69	Left Edge	10	518598	2592.99	24.50	23.18	135.52%	0.007	0.009	-
NR n41			270	0	Left Edge	10	518598	2592.99	24.00	22.58	138.68%	0.012	0.017	-

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

WLAN Head

Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11n(40M) 2.4G	Ant 4+8	Right Touch	0	3	2422	15.00	14.91	1.01	102.00%	0.072	0.074	-
WLAN 802.11n(40M) 2.4G	Ant 4+8	Right Touch	0	6	2437	15.00	14.86	1.01	103.16%	0.056	0.058	-
WLAN 802.11n(40M) 2.4G	Ant 4+8	Right Touch	0	9	2452	15.00	14.56	1.01	110.72%	0.049	0.055	-
WLAN 802.11n(40M) 2.4G	Ant 4+8	Right Tilt	0	3	2422	15.00	14.91	1.01	102.00%	0.147	0.151	019
WLAN 802.11n(40M) 2.4G	Ant 4+8	Right Tilt	0	6	2437	15.00	14.86	1.01	103.16%	0.126	0.131	-
WLAN 802.11n(40M) 2.4G	Ant 4+8	Right Tilt	0	9	2452	15.00	14.56	1.01	110.72%	0.119	0.133	-
WLAN 802.11n(40M) 2.4G	Ant 4+8	Left Touch	0	3	2422	15.00	14.91	1.01	102.00%	0.095	0.098	-
WLAN 802.11n(40M) 2.4G	Ant 4+8	Left Touch	0	6	2437	15.00	14.86	1.01	103.16%	0.084	0.088	-
WLAN 802.11n(40M) 2.4G	Ant 4+8	Left Touch	0	9	2452	15.00	14.56	1.01	110.72%	0.059	0.066	-
WLAN 802.11n(40M) 2.4G	Ant 4+8	Left Tilt	0	3	2422	15.00	14.91	1.01	102.00%	0.049	0.050	-
WLAN 802.11n(40M) 2.4G	Ant 4+8	Left Tilt	0	6	2437	15.00	14.86	1.01	103.16%	0.032	0.033	-
WLAN 802.11n(40M) 2.4G	Ant 4+8	Left Tilt	0	9	2452	15.00	14.56	1.01	110.72%	0.029	0.032	-
WLAN 802.11b	Ant 4+8	Right Touch	0	1	2412	15.00	14.96	1.03	100.82%	0.069	0.072	-
WLAN 802.11b	Ant 4+8	Right Touch	0	6	2437	15.00	14.75	1.03	106.01%	0.061	0.067	-
WLAN 802.11b	Ant 4+8	Right Touch	0	11	2462	15.00	14.59	1.03	109.91%	0.055	0.062	-
WLAN 802.11b	Ant 4+8	Right Tilt	0	1	2412	15.00	14.96	1.03	100.82%	0.145	0.151	020
WLAN 802.11b	Ant 4+8	Right Tilt	0	6	2437	15.00	14.75	1.03	106.01%	0.114	0.124	-
WLAN 802.11b	Ant 4+8	Right Tilt	0	11	2462	15.00	14.59	1.03	109.91%	0.121	0.137	-
WLAN 802.11b	Ant 4+8	Left Touch	0	1	2412	15.00	14.96	1.03	100.82%	0.091	0.094	-
WLAN 802.11b	Ant 4+8	Left Touch	0	6	2437	15.00	14.75	1.03	106.01%	0.089	0.097	-
WLAN 802.11b	Ant 4+8	Left Touch	0	11	2462	15.00	14.59	1.03	109.91%	0.077	0.087	-
WLAN 802.11b	Ant 4+8	Left Tilt	0	1	2412	15.00	14.96	1.03	100.82%	0.032	0.033	-
WLAN 802.11b	Ant 4+8	Left Tilt	0	6	2437	15.00	14.75	1.03	106.01%	0.041	0.045	-
WLAN 802.11b	Ant 4+8	Left Tilt	0	11	2462	15.00	14.59	1.03	109.91%	0.038	0.043	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
Bluetooth(GFSK)	Ant 4	Right Touch	0	00	2402	14.00	13.54	1.29	111.08%	0.029	0.042	-
Bluetooth(GFSK)	Ant 4	Right Touch	0	39	2441	14.00	13.30	1.29	117.39%	0.037	0.056	-
Bluetooth(GFSK)	Ant 4	Right Touch	0	78	2480	14.00	13.41	1.29	114.45%	0.031	0.046	-
Bluetooth(GFSK)	Ant 4	Right Tilt	0	00	2402	14.00	13.54	1.29	111.08%	0.029	0.042	-
Bluetooth(GFSK)	Ant 4	Right Tilt	0	39	2441	14.00	13.30	1.29	117.39%	0.023	0.035	-
Bluetooth(GFSK)	Ant 4	Right Tilt	0	78	2480	14.00	13.41	1.29	114.45%	0.022	0.032	-
Bluetooth(GFSK)	Ant 4	Left Touch	0	00	2402	14.00	13.54	1.29	111.08%	0.098	0.140	-
Bluetooth(GFSK)	Ant 4	Left Touch	0	39	2441	14.00	13.30	1.29	117.39%	0.101	0.153	021
Bluetooth(GFSK)	Ant 4	Left Touch	0	78	2480	14.00	13.41	1.29	114.45%	0.087	0.128	-
Bluetooth(GFSK)	Ant 4	Left Tilt	0	00	2402	14.00	13.54	1.29	111.08%	0.032	0.046	-
Bluetooth(GFSK)	Ant 4	Left Tilt	0	39	2441	14.00	13.30	1.29	117.39%	0.034	0.051	-
Bluetooth(GFSK)	Ant 4	Left Tilt	0	78	2480	14.00	13.41	1.29	114.45%	0.031	0.046	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.2G	Ant 4+8	Right Touch	0	50	5250	15.00	14.58	1.02	110.03%	0.032	0.036	-
WLAN 802.11ac(160M) 5.2G	Ant 4+8	Right Tilt	0	50	5250	15.00	14.58	1.02	110.03%	0.048	0.054	-
WLAN 802.11ac(160M) 5.2G	Ant 4+8	Left Touch	0	50	5250	15.00	14.58	1.02	110.03%	0.093	0.104	022
WLAN 802.11ac(160M) 5.2G	Ant 4+8	Left Tilt	0	50	5250	15.00	14.58	1.02	110.03%	0.047	0.053	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.3G	Ant 4+8	Right Touch	0	58	5290	15.00	14.96	1.01	100.83%	0.046	0.047	-
WLAN 802.11ac(80M) 5.3G	Ant 4+8	Right Tilt	0	58	5290	15.00	14.96	1.01	100.83%	0.052	0.053	-
WLAN 802.11ac(80M) 5.3G	Ant 4+8	Left Touch	0	58	5290	15.00	14.96	1.01	100.83%	0.096	0.098	023
WLAN 802.11ac(80M) 5.3G	Ant 4+8	Left Tilt	0	58	5290	15.00	14.96	1.01	100.83%	0.055	0.056	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.6G	Ant 4+8	Right Touch	0	114	5570	15.00	14.76	1.02	105.57%	0.012	0.013	-
WLAN 802.11ac(160M) 5.6G	Ant 4+8	Right Tilt	0	114	5570	15.00	14.76	1.02	105.57%	0.019	0.020	-
WLAN 802.11ac(160M) 5.6G	Ant 4+8	Left Touch	0	114	5570	15.00	14.76	1.02	105.57%	0.118	0.127	024
WLAN 802.11ac(160M) 5.6G	Ant 4+8	Left Tilt	0	114	5570	15.00	14.76	1.02	105.57%	0.022	0.024	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.8G	Ant 4+8	Right Touch	0	155	5775	15.00	14.70	1.01	107.22%	0.031	0.034	-
WLAN 802.11ac(80M) 5.8G	Ant 4+8	Right Tilt	0	155	5775	15.00	14.70	1.01	107.22%	0.036	0.039	-
WLAN 802.11ac(80M) 5.8G	Ant 4+8	Left Touch	0	155	5775	15.00	14.70	1.01	107.22%	0.139	0.151	025
WLAN 802.11ac(80M) 5.8G	Ant 4+8	Left Tilt	0	155	5775	15.00	14.70	1.01	107.22%	0.048	0.052	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
Bluetooth(GFSK)	Ant 8	Right Touch	0	00	2402	14.00	13.73	1.29	106.50%	0.299	0.411	-
Bluetooth(GFSK)	Ant 8	Right Touch	0	39	2441	14.00	13.59	1.29	109.99%	0.310	0.440	026
Bluetooth(GFSK)	Ant 8	Right Touch	0	78	2480	14.00	13.61	1.29	109.49%	0.279	0.394	-
Bluetooth(GFSK)	Ant 8	Right Tilt	0	00	2402	14.00	13.73	1.29	106.50%	0.124	0.170	-
Bluetooth(GFSK)	Ant 8	Right Tilt	0	39	2441	14.00	13.59	1.29	109.99%	0.154	0.219	-
Bluetooth(GFSK)	Ant 8	Right Tilt	0	78	2480	14.00	13.61	1.29	109.49%	0.146	0.206	-
Bluetooth(GFSK)	Ant 8	Left Touch	0	00	2402	14.00	13.73	1.29	106.50%	0.022	0.030	-
Bluetooth(GFSK)	Ant 8	Left Touch	0	39	2441	14.00	13.59	1.29	109.99%	0.031	0.044	-
Bluetooth(GFSK)	Ant 8	Left Touch	0	78	2480	14.00	13.61	1.29	109.49%	0.028	0.040	-
Bluetooth(GFSK)	Ant 8	Left Tilt	0	00	2402	14.00	13.73	1.29	106.50%	0.032	0.044	-
Bluetooth(GFSK)	Ant 8	Left Tilt	0	39	2441	14.00	13.59	1.29	109.99%	0.033	0.047	-
Bluetooth(GFSK)	Ant 8	Left Tilt	0	78	2480	14.00	13.61	1.29	109.49%	0.029	0.041	-

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

WLAN_Body

Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11n(40M) 2.4G	Ant 4+8	Front Surface	10	3	2422	15.00	14.91	1.01	102.00%	0.020	0.021	-
WLAN 802.11n(40M) 2.4G	Ant 4+8	Front Surface	10	6	2437	15.00	14.86	1.01	103.16%	0.034	0.035	-
WLAN 802.11n(40M) 2.4G	Ant 4+8	Front Surface	10	9	2452	15.00	14.56	1.01	110.72%	0.024	0.027	-
WLAN 802.11n(40M) 2.4G	Ant 4+8	Back Surface	10	3	2422	15.00	14.91	1.01	102.00%	0.031	0.032	-
WLAN 802.11n(40M) 2.4G	Ant 4+8	Back Surface	10	6	2437	15.00	14.86	1.01	103.16%	0.036	0.038	045
WLAN 802.11n(40M) 2.4G	Ant 4+8	Back Surface	10	9	2452	15.00	14.56	1.01	110.72%	0.032	0.036	-
WLAN 802.11b	Ant 4+8	Front Surface	10	1	2412	15.00	14.96	1.03	100.82%	0.051	0.053	-
WLAN 802.11b	Ant 4+8	Front Surface	10	6	2437	15.00	14.75	1.03	106.01%	0.043	0.047	-
WLAN 802.11b	Ant 4+8	Front Surface	10	11	2462	15.00	14.59	1.03	109.91%	0.032	0.036	-
WLAN 802.11b	Ant 4+8	Back Surface	10	1	2412	15.00	14.96	1.03	100.82%	0.073	0.076	-
WLAN 802.11b	Ant 4+8	Back Surface	10	6	2437	15.00	14.75	1.03	106.01%	0.084	0.092	046
WLAN 802.11b	Ant 4+8	Back Surface	10	11	2462	15.00	14.59	1.03	109.91%	0.066	0.075	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
Bluetooth(GFSK)	Ant 4	Front Surface	10	00	2402	14.00	13.54	1.29	111.08%	0.019	0.027	-
Bluetooth(GFSK)	Ant 4	Front Surface	10	39	2441	14.00	13.30	1.29	117.39%	0.031	0.047	-
Bluetooth(GFSK)	Ant 4	Front Surface	10	78	2480	14.00	13.41	1.29	114.45%	0.018	0.027	-
Bluetooth(GFSK)	Ant 4	Back Surface	10	00	2402	14.00	13.54	1.29	111.08%	0.026	0.037	-
Bluetooth(GFSK)	Ant 4	Back Surface	10	39	2441	14.00	13.30	1.29	117.39%	0.039	0.059	047
Bluetooth(GFSK)	Ant 4	Back Surface	10	78	2480	14.00	13.41	1.29	114.45%	0.028	0.041	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.2G	Ant 4+8	Front Surface	10	50	5250	15.00	14.58	1.02	110.03%	0.032	0.036	-
WLAN 802.11ac(160M) 5.2G	Ant 4+8	Back Surface	10	50	5250	15.00	14.58	1.02	110.03%	0.071	0.080	048
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.3G	Ant 4+8	Front Surface	10	58	5290	15.00	14.96	1.01	100.83%	0.030	0.031	-
WLAN 802.11ac(80M) 5.3G	Ant 4+8	Back Surface	10	58	5290	15.00	14.96	1.01	100.83%	0.102	0.104	049
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.6G	Ant 4+8	Front Surface	10	114	5570	15.00	14.76	1.02	105.57%	0.031	0.033	-
WLAN 802.11ac(160M) 5.6G	Ant 4+8	Back Surface	10	114	5570	15.00	14.76	1.02	105.57%	0.078	0.084	050
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.8G	Ant 4+8	Front Surface	10	155	5775	15.00	14.70	1.01	107.22%	0.032	0.035	-
WLAN 802.11ac(80M) 5.8G	Ant 4+8	Back Surface	10	155	5775	15.00	14.70	1.01	107.22%	0.061	0.066	051
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
Bluetooth(GFSK)	Ant 8	Front Surface	10	39	2441	14.00	13.59	1.29	109.99%	0.028	0.040	-
Bluetooth(GFSK)	Ant 8	Back Surface	10	00	2402	14.00	13.73	1.29	106.50%	0.067	0.092	-
Bluetooth(GFSK)	Ant 8	Back Surface	10	39	2441	14.00	13.59	1.29	109.99%	0.073	0.104	052
Bluetooth(GFSK)	Ant 8	Back Surface	10	78	2480	14.00	13.61	1.29	109.49%	0.062	0.088	-

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

WLAN_Limb

Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 10g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.3G	Ant 4+8	Front Surface	0	58	5290	15.00	14.96	1.01	100.83%	0.036	0.037	-
WLAN 802.11ac(80M) 5.3G	Ant 4+8	Back Surface	0	58	5290	15.00	14.96	1.01	100.83%	0.128	0.130	053
WLAN 802.11ac(80M) 5.3G	Ant 4+8	Top Edge	0	58	5290	15.00	14.96	1.01	100.83%	0.084	0.086	-
WLAN 802.11ac(80M) 5.3G	Ant 4+8	Bottom Edge	0	58	5290	15.00	14.96	1.01	100.83%	0.010	0.010	-
WLAN 802.11ac(80M) 5.3G	Ant 4+8	Right Edge	0	58	5290	15.00	14.96	1.01	100.83%	0.066	0.067	-
WLAN 802.11ac(80M) 5.3G	Ant 4+8	Left Edge	0	58	5290	15.00	14.96	1.01	100.83%	0.078	0.079	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 10g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.6G	Ant 4+8	Front Surface	0	114	5570	15.00	14.76	1.02	105.57%	0.027	0.029	-
WLAN 802.11ac(160M) 5.6G	Ant 4+8	Back Surface	0	114	5570	15.00	14.76	1.02	105.57%	0.108	0.116	054
WLAN 802.11n(40M) 5.6G	Ant 4+8	Top Edge	0	114	5570	15.00	14.76	1.02	105.57%	0.073	0.079	-
WLAN 802.11ac(160M) 5.6G	Ant 4+8	Bottom Edge	0	114	5570	15.00	14.76	1.02	105.57%	0.007	0.008	-
WLAN 802.11ac(160M) 5.6G	Ant 4+8	Right Edge	0	114	5570	15.00	14.76	1.02	105.57%	0.059	0.064	-
WLAN 802.11ac(160M) 5.6G	Ant 4+8	Left Edge	0	114	5570	15.00	14.76	1.02	105.57%	0.071	0.076	-

WLAN_Hotspot

Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11n(40M) 2.4G	Ant 4+8	Front Surface	10	3	2422	15.00	14.91	1.01	102.00%	0.038	0.039	-
WLAN 802.11n(40M) 2.4G	Ant 4+8	Back Surface	10	3	2422	15.00	14.91	1.01	102.00%	0.021	0.022	-
WLAN 802.11n(40M) 2.4G	Ant 4+8	Top Edge	10	3	2422	15.00	14.91	1.01	102.00%	0.039	0.040	-
WLAN 802.11n(40M) 2.4G	Ant 4+8	Bottom Edge	10	3	2422	15.00	14.91	1.01	102.00%	0.004	0.004	-
WLAN 802.11n(40M) 2.4G	Ant 4+8	Right Edge	10	3	2422	15.00	14.91	1.01	102.00%	0.037	0.038	-
WLAN 802.11n(40M) 2.4G	Ant 4+8	Left Edge	10	3	2422	15.00	14.91	1.01	102.00%	0.092	0.095	073
WLAN 802.11n(40M) 2.4G	Ant 4+8	Left Edge	10	6	2437	15.00	14.86	1.01	103.16%	0.087	0.091	-
WLAN 802.11n(40M) 2.4G	Ant 4+8	Left Edge	10	9	2452	15.00	14.56	1.01	110.72%	0.081	0.091	-
WLAN 802.11b	Ant 4+8	Front Surface	10	1	2412	15.00	14.96	1.03	100.82%	0.027	0.028	-
WLAN 802.11b	Ant 4+8	Back Surface	10	1	2412	15.00	14.96	1.03	100.82%	0.019	0.020	-
WLAN 802.11b	Ant 4+8	Top Edge	10	1	2412	15.00	14.96	1.03	100.82%	0.022	0.023	-
WLAN 802.11b	Ant 4+8	Bottom Edge	10	1	2412	15.00	14.96	1.03	100.82%	0.001	0.001	-
WLAN 802.11b	Ant 4+8	Right Edge	10	1	2412	15.00	14.96	1.03	100.82%	0.031	0.032	-
WLAN 802.11b	Ant 4+8	Left Edge	10	1	2412	15.00	14.96	1.03	100.82%	0.071	0.074	074
WLAN 802.11b	Ant 4+8	Left Edge	10	6	2437	15.00	14.75	1.03	106.01%	0.054	0.059	-
WLAN 802.11b	Ant 4+8	Left Edge	10	11	2462	15.00	14.59	1.03	109.91%	0.061	0.069	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
Bluetooth(GFSK)	ANT4	Front Surface	10	39	2441	14.00	13.30	1.29	117.39%	0.016	0.024	-
Bluetooth(GFSK)	ANT4	Back Surface	10	39	2441	14.00	13.30	1.29	117.39%	0.017	0.026	-
Bluetooth(GFSK)	ANT4	Top Edge	10	39	2441	14.00	13.30	1.29	117.39%	0.011	0.017	-
Bluetooth(GFSK)	ANT4	Bottom Edge	10	39	2441	14.00	13.30	1.29	117.39%	0.003	0.005	-
Bluetooth(GFSK)	ANT4	Right Edge	10	00	2402	14.00	13.54	1.29	111.08%	0.054	0.077	-
Bluetooth(GFSK)	ANT4	Right Edge	10	39	2441	14.00	13.30	1.29	117.39%	0.063	0.095	075
Bluetooth(GFSK)	ANT4	Right Edge	10	78	2480	14.00	13.41	1.29	114.45%	0.061	0.090	-
Bluetooth(GFSK)	ANT4	Left Edge	10	39	2441	14.00	13.30	1.29	117.39%	0.002	0.003	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(160M) 5.2G	Ant 4+8	Front Surface	10	50	5250	15.00	14.58	1.02	110.03%	0.012	0.013	-
WLAN 802.11ac(160M) 5.2G	Ant 4+8	Back Surface	10	50	5250	15.00	14.58	1.02	110.03%	0.030	0.034	-
WLAN 802.11ac(160M) 5.2G	Ant 4+8	Top Edge	10	50	5250	15.00	14.58	1.02	110.03%	0.029	0.033	-
WLAN 802.11ac(160M) 5.2G	Ant 4+8	Bottom Edge	10	50	5250	15.00	14.58	1.02	110.03%	0.005	0.006	-
WLAN 802.11ac(160M) 5.2G	Ant 4+8	Right Edge	10	50	5250	15.00	14.58	1.02	110.03%	0.034	0.038	-
WLAN 802.11ac(160M) 5.2G	Ant 4+8	Left Edge	10	50	5250	15.00	14.58	1.02	110.03%	0.053	0.059	076
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
WLAN 802.11ac(80M) 5.8G	Ant 4+8	Front Surface	10	155	5775	15.00	14.70	1.01	107.22%	0.006	0.006	-
WLAN 802.11ac(80M) 5.8G	Ant 4+8	Back Surface	10	155	5775	15.00	14.70	1.01	107.22%	0.018	0.019	-
WLAN 802.11ac(80M) 5.8G	Ant 4+8	Top Edge	10	155	5775	15.00	14.70	1.01	107.22%	0.013	0.014	-
WLAN 802.11ac(80M) 5.8G	Ant 4+8	Bottom Edge	10	155	5775	15.00	14.70	1.01	107.22%	0.005	0.005	-
WLAN 802.11ac(80M) 5.8G	Ant 4+8	Right Edge	10	155	5775	15.00	14.70	1.01	107.22%	0.024	0.026	077
WLAN 802.11ac(80M) 5.8G	Ant 4+8	Left Edge	10	155	5775	15.00	14.70	1.01	107.22%	0.009	0.010	-
Band	Antenna	Position	Distance (mm)	Channel	Freq. (MHz)	Max. Rated Avg. Power + Max. Tolerance (dBm)	Measured Avg. Power (dBm)	Duty cycle scaling	Power scaling	Averaged SAR over 1g (W/kg)		ID
										Measured	Reported	
Bluetooth(GFSK)	Ant 8	Front Surface	10	39	2441	14.00	13.59	1.29	109.99%	0.043	0.061	-
Bluetooth(GFSK)	Ant 8	Back Surface	10	39	2441	14.00	13.59	1.29	109.99%	0.029	0.041	-
Bluetooth(GFSK)	Ant 8	Top Edge	10	39	2441	14.00	13.59	1.29	109.99%	0.037	0.052	-
Bluetooth(GFSK)	Ant 8	Bottom Edge	10	39	2441	14.00	13.59	1.29	109.99%	0.003	0.004	-
Bluetooth(GFSK)	Ant 8	Right Edge	10	39	2441	14.00	13.59	1.29	109.99%	0.002	0.003	-
Bluetooth(GFSK)	Ant 8	Left Edge	10	00	2402	14.00	13.73	1.29	106.50%	0.101	0.139	-
Bluetooth(GFSK)	Ant 8	Left Edge	10	39	2441	14.00	13.59	1.29	109.99%	0.115	0.163	078
Bluetooth(GFSK)	Ant 8	Left Edge	10	78	2480	14.00	13.61	1.29	109.49%	0.107	0.151	-

Note:

Reported SAR = measured SAR * Power scaling * Duty cycle scaling

Reported APD = measured APD * Power scaling * Duty cycle scaling

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

7.3 Reporting statements of conformity

The conformity statement in this report is based solely on the test results, measurement uncertainty is excluded.

7.4 Conclusion

The device is compliant because all the standalone results are less than their corresponding criteria.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

8 SIMULTANEOUS TRANSMISSION ANALYSIS

8.1 Simultaneous Transmission Scenarios:

Scenario	Simultaneous Transmission configurations	Head	Body-Worn	Hotspot	product specific 10g-SAR
1	WWAN+WLAN 2.4G MIMO	Yes	Yes	Yes	Yes
2	WWAN+WLAN 5G MIMO	Yes	Yes	Yes	Yes
3	WWAN+BT MIMO	Yes	Yes	Yes	Yes
4	WWAN+WLAN 2.4G MIMO+WLAN 5G MIMO	Yes	Yes	Yes	Yes
5	WWAN+WLAN 5G MIMO+BT MIMO	Yes	Yes	Yes	Yes
6	WWAN+WLAN 5G(W52/W53) MIMO+WLAN 5G(W56/W58) MIMO	Yes	Yes	Yes	Yes
7	WWAN+WLAN 5G(W52/W53) MIMO+WLAN 5G(W56/W58) MIMO+BT MIMO	Yes	Yes	Yes	Yes

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

8.2 Estimated SAR calculation

According to KDB447498 D01v06 – When standalone SAR test exclusion applies to an antenna that transmits simultaneously with other antennas, the standalone SAR must be estimated according to following to determine simultaneous transmission SAR test exclusion:

$$\text{Estimated SAR} = \frac{\text{Max. tune up power (mW)}}{\text{Min. test separation distance(mm)}} \times \frac{\sqrt{f(\text{GHz})}}{7.5}$$

If the minimum test separation distance is < 5mm, a distance of 5mm is used for estimated SAR calculation. When the test separation distance is >50mm, the 0.4W/kg is used for SAR-1g.

8.3 SPLSR evaluation and analysis

Per KDB447498D01, when the sum of SAR is larger than the limit, SAR test exclusion is determined by the SAR sum to peak location separation ratio(SPLSR).

The simultaneous transmitting antennas in each operating mode and exposure condition combination must be considered one pair at a time to determine the SAR to peak location separation ratio to qualify for test exclusion.

The ratio is determined by $(\text{SAR1} + \text{SAR2})^{1.5}/R_i$, rounded to two decimal digits, and must be ≤ 0.04 for all antenna pairs in the configuration to qualify for 1-g SAR test exclusion.

SAR1 and SAR2 are the highest reported or estimated SAR for each antenna in the pair, and R_i is the separation distance between the peak SAR locations for the antenna pair in mm.

When standalone test exclusion applies, SAR is estimated; the peak location is assumed to be at the feed-point or geometric center of the antenna.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

Exposure Position			FCC Reported SAR						Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	
			1	2	3		4	5	6	1+2+6	1+3+6	1+4+5+6	1+2+3+6	1+3+4+5+6	1+3+3+6	1+3+3+4+5+6
			WWAN	2.4GHz WLAN Ant 4+8	5GHz WLAN Ant 4+8	BREDR_ANT4	BREDR_ANT8	NFC	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
GSM850	Right Touch	0	0.147	0.074	0.047	0.056	0.440	0.065	0.286	0.259	0.708	0.333	0.755	0.306	0.862	
	Right Tilt	0	0.056	0.151	0.054	0.042	0.219	0.065	0.272	0.175	0.352	0.326	0.438	0.229	0.465	
	Left Touch	0	0.101	0.098	0.051	0.153	0.044	0.065	0.317	0.363	0.415	0.314	0.468	0.665	0.665	
GSM1900	Right Touch	0	0.070	0.050	0.056	0.051	0.047	0.065	0.185	0.191	0.233	0.241	0.289	0.247	0.345	
	Right Tilt	0	0.061	0.074	0.047	0.056	0.440	0.065	0.200	0.173	0.622	0.247	0.669	0.220	0.716	
	Left Tilt	0	0.029	0.151	0.054	0.042	0.219	0.065	0.245	0.148	0.355	0.299	0.409	0.202	0.463	
WCDMA Band II	Right Touch	0	0.117	0.098	0.151	0.153	0.044	0.065	0.280	0.333	0.379	0.431	0.530	0.484	0.681	
	Right Tilt	0	0.038	0.050	0.056	0.051	0.047	0.065	0.153	0.159	0.201	0.209	0.257	0.215	0.313	
	Left Touch	0	0.082	0.074	0.047	0.056	0.440	0.065	0.221	0.194	0.643	0.268	0.690	0.241	0.737	
WCDMA Band IV	Right Touch	0	0.039	0.151	0.054	0.042	0.219	0.065	0.255	0.158	0.365	0.309	0.419	0.212	0.473	
	Right Tilt	0	0.198	0.098	0.151	0.153	0.044	0.065	0.361	0.414	0.460	0.512	0.611	0.565	0.762	
	Left Touch	0	0.050	0.050	0.056	0.051	0.047	0.065	0.165	0.171	0.213	0.221	0.268	0.227	0.325	
WCDMA Band V	Right Touch	0	0.072	0.074	0.047	0.056	0.440	0.065	0.211	0.184	0.633	0.258	0.680	0.231	0.727	
	Right Tilt	0	0.027	0.151	0.054	0.042	0.219	0.065	0.243	0.146	0.353	0.297	0.407	0.200	0.461	
	Left Touch	0	0.155	0.098	0.151	0.153	0.044	0.065	0.318	0.371	0.417	0.469	0.568	0.522	0.719	
WCDMA Band V	Right Touch	0	0.036	0.050	0.056	0.051	0.047	0.065	0.151	0.157	0.199	0.207	0.255	0.213	0.311	
	Right Tilt	0	0.234	0.074	0.047	0.056	0.440	0.065	0.373	0.346	0.795	0.420	0.842	0.393	0.889	
	Left Touch	0	0.073	0.151	0.054	0.042	0.219	0.065	0.289	0.192	0.399	0.343	0.453	0.246	0.507	
LTE Band 2	Right Touch	0	0.120	0.098	0.151	0.153	0.044	0.065	0.283	0.336	0.382	0.434	0.533	0.487	0.684	
	Right Tilt	0	0.055	0.050	0.056	0.051	0.047	0.065	0.170	0.176	0.218	0.226	0.274	0.232	0.330	
	Left Touch	0	0.108	0.074	0.047	0.056	0.440	0.065	0.247	0.220	0.669	0.294	0.716	0.267	0.763	
LTE Band 4	Right Touch	0	0.052	0.151	0.054	0.042	0.219	0.065	0.268	0.171	0.378	0.322	0.432	0.225	0.486	
	Right Tilt	0	0.153	0.098	0.151	0.153	0.044	0.065	0.316	0.369	0.415	0.467	0.566	0.520	0.717	
	Left Touch	0	0.060	0.050	0.056	0.051	0.047	0.065	0.175	0.181	0.223	0.231	0.279	0.237	0.335	
LTE Band 4	Right Touch	0	0.042	0.074	0.047	0.056	0.440	0.065	0.181	0.154	0.603	0.228	0.650	0.201	0.697	
	Right Tilt	0	0.029	0.151	0.054	0.042	0.219	0.065	0.245	0.148	0.355	0.299	0.409	0.202	0.463	
	Left Touch	0	0.092	0.098	0.151	0.153	0.044	0.065	0.255	0.308	0.354	0.406	0.505	0.459	0.656	
LTE Band 5	Right Touch	0	0.068	0.050	0.056	0.051	0.047	0.065	0.183	0.189	0.231	0.239	0.287	0.245	0.343	
	Right Tilt	0	0.165	0.074	0.047	0.056	0.440	0.065	0.304	0.277	0.726	0.351	0.773	0.324	0.820	
	Left Touch	0	0.063	0.151	0.054	0.042	0.219	0.065	0.275	0.182	0.389	0.333	0.443	0.236	0.497	
LTE Band 7	Right Touch	0	0.112	0.098	0.151	0.153	0.044	0.065	0.279	0.328	0.374	0.426	0.525	0.479	0.676	
	Right Tilt	0	0.069	0.050	0.056	0.051	0.047	0.065	0.184	0.190	0.232	0.240	0.288	0.246	0.344	
	Left Touch	0	0.081	0.074	0.047	0.056	0.440	0.065	0.200	0.173	0.622	0.247	0.669	0.220	0.716	
LTE Band 7	Right Touch	0	0.055	0.151	0.054	0.042	0.219	0.065	0.271	0.174	0.381	0.325	0.435	0.228	0.489	
	Right Tilt	0	0.078	0.098	0.151	0.153	0.044	0.065	0.241	0.294	0.340	0.392	0.491	0.445	0.642	
	Left Touch	0	0.027	0.050	0.056	0.051	0.047	0.065	0.142	0.148	0.190	0.198	0.246	0.204	0.302	
LTE Band 12	Right Touch	0	0.114	0.074	0.047	0.056	0.440	0.065	0.253	0.226	0.675	0.300	0.722	0.273	0.769	
	Right Tilt	0	0.025	0.151	0.054	0.042	0.219	0.065	0.241	0.144	0.351	0.295	0.405	0.198	0.459	
	Left Touch	0	0.055	0.098	0.151	0.153	0.044	0.065	0.218	0.271	0.317	0.369	0.468	0.422	0.619	
LTE Band 13	Right Touch	0	0.029	0.050	0.056	0.051	0.047	0.065	0.144	0.150	0.192	0.200	0.248	0.206	0.304	
	Right Tilt	0	0.180	0.074	0.047	0.056	0.440	0.065	0.319	0.292	0.741	0.366	0.788	0.339	0.835	
	Left Touch	0	0.078	0.151	0.054	0.042	0.219	0.065	0.294	0.197	0.404	0.348	0.458	0.251	0.512	
LTE Band 17	Right Touch	0	0.141	0.098	0.151	0.153	0.044	0.065	0.304	0.357	0.463	0.455	0.554	0.508	0.705	
	Right Tilt	0	0.084	0.050	0.056	0.051	0.047	0.065	0.199	0.205	0.247	0.255	0.303	0.261	0.359	
	Left Touch	0	0.055	0.074	0.047	0.056	0.440	0.065	0.194	0.167	0.616	0.241	0.710	0.214	0.710	
LTE Band 66	Right Touch	0	0.017	0.151	0.054	0.042	0.219	0.065	0.233	0.136	0.343	0.287	0.397	0.190	0.451	
	Right Tilt	0	0.041	0.098	0.151	0.153	0.044	0.065	0.204	0.257	0.303	0.355	0.454	0.408	0.605	
	Left Touch	0	0.009	0.050	0.056	0.051	0.047	0.065	0.124	0.130	0.172	0.180	0.228	0.196	0.284	
LTE Band 38	Right Touch	0	0.060	0.074	0.047	0.056	0.440	0.065	0.195	0.172	0.611	0.246	0.688	0.215	0.715	
	Right Tilt	0	0.054	0.151	0.054	0.042	0.219	0.065	0.270	0.173	0.390	0.334	0.434	0.242	0.489	
	Left Touch	0	0.075	0.098	0.151	0.153	0.044	0.065	0.291	0.344	0.337	0.399	0.498	0.442	0.639	
LTE Band 38	Right Touch	0	0.026	0.050	0.056	0.051	0.047	0.065	0.141	0.147	0.189	0.197	0.245	0.203	0.301	
	Right Tilt	0	0.066	0.074	0.047	0.056	0.440	0.065	0.205	0.178	0.627	0.252	0.674	0.225	0.721	
	Left Touch	0	0.060	0.151	0.054	0.042	0.219	0.065	0.276	0.179	0.366	0.330	0.440	0.233	0.494	
LTE Band 41	Right Touch	0	0.085	0.098	0.151	0.153	0.044	0.065	0.248	0.301	0.347	0.399	0.498	0.452	0.649	
	Right Tilt	0	0.029	0.050	0.056	0.051	0.047	0.065	0.144	0.150	0.192	0.200	0.248	0.206	0.304	
	Left Touch	0	0.076	0.074	0.047	0.056	0.440	0.065	0.215	0.188	0.637	0.262	0.684	0.235	0.731	
NR n5	Right Touch	0	0.040	0.151	0.054	0.042	0.219	0.065	0.256	0.159	0.366	0.310	0.420	0.213	0.474	
	Right Tilt	0	0.100	0.098	0.151	0.153	0.044	0.065	0.263	0.316	0.362	0.414	0.513	0.467	0.664	
	Left Touch	0	0.056	0.050	0.056	0.051	0.047	0.065	0.171	0.177	0.219	0.227	0.275	0.233	0.331	
NR n6	Right Touch	0	0.209	0.074	0.047	0.056	0.440	0.065	0.348	0.321	0.770	0.395	0.817	0.368	0.864	
	Right Tilt	0	0.082	0.151	0.054	0.042	0.219	0.065	0.298	0.201	0.408	0.352	0.462	0.255	0.516	
	Left Touch	0	0.149	0.098	0.151	0.153	0.044	0.065	0.312	0.365	0.411	0.463	0.562	0.516	0.713	
NR n41	Right Touch	0	0.091	0.050	0.056	0.051	0.047	0.065	0.206	0.212	0.254	0.262	0.310	0.268	0.366	
	Right Tilt	0	0.163	0.074	0.047	0.056	0.440	0.065	0.302	0.275	0.724	0.349	0.771	0.322	0.818	
	Left Touch	0	0.064	0.151	0.054	0.042	0.219	0.065	0.280	0.183	0.390	0.334	0.444	0.237	0.498	
NR n41	Right Touch	0	0.117	0.098	0.151	0.153	0.044	0.065	0.280	0.333	0.379	0.431	0.530	0.484	0.681	
	Right Tilt	0	0.070	0.050	0.056	0.051	0.047	0.065	0.185	0.191	0.233	0.241	0.289	0.247	0.345	
	Left Touch	0	0.105	0.074	0.047	0.056	0.440	0.065	0.244	0.217	0.666	0.291	0.713	0.264	0.760	
NR n41	Right Touch	0	0.042	0.151	0.054	0.042	0.219	0.065	0.258	0.161	0.368	0.312	0.422	0.212	0.476	
	Right Tilt	0	0.075	0.098	0.151	0.153	0.044	0.065	0.238	0.291	0.337	0.389	0.488	0.442	0.639	
	Left Touch	0	0.044	0.050	0.056	0.051	0.047	0.065	0.159	0.165	0.207	0.215	0.263	0.221	0.319	

Exposure Position			FCC Reported SAR								Scenario 1		Scenario 2		Scenario 3		Scenario 4		Scenario 5		Scenario 6		Scenario 7	
			0		1		2		3		4		5		6		7		8		9		10	
			LTE	SAR	2.4GHz W/til Ant 4dB	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Band 13	Right Touch	0	0.180	0.163	0.074	0.047	0.056	0.440	0.065	0.482	0.455	0.904	0.529	0.951	0.502	0.998	0.576	0.822	0.429	0.924	0.509	0.570	0.788	
	Right Tilt	0	0.078	0.064	0.151	0.054	0.042	0.219	0.065	0.358	0.261	0.468	0.412	0.522	0.315	0.576	0.822	0.429	0.924	0.509	0.570	0.788		
	Left Touch	0	0.141	0.117	0.068	0.151	0.153	0.044	0.065	0.421	0.474	0.520	0.572	0.672	0.625	0.822	0.429	0.924	0.509	0.570	0.788	0.788		
	Left Tilt	0	0.084	0.070	0.050	0.056	0.051	0.047	0.065	0.289	0.275	0.317	0.325	0.373	0.331	0.429	0.924	0.509	0.570	0.788	0.788	0.788		
LTE Band 66	Right Touch	0	0.060	0.209	0.074	0.047	0.056	0.440	0.065	0.468	0.381	0.830	0.455	0.577	0.428	0.924	0.509	0.570	0.788	0.788	0.788	0.788	0.788	
	Right Tilt	0	0.054	0.082	0.151	0.054	0.042	0.219	0.065	0.352	0.255	0.462	0.406	0.516	0.369	0.570	0.788	0.788	0.788	0.788	0.788	0.788	0.788	
	Left Touch	0	0.075	0.149	0.098	0.151	0.153	0.044	0.065	0.387	0.440	0.486	0.538	0.637	0.591	0.788	0.788	0.788	0.788	0.788	0.788	0.788	0.788	
	Left Tilt	0	0.026	0.091	0.050	0.056	0.051	0.047	0.065	0.260	0.236	0.286	0.295	0.336	0.294	0.382	0.788	0.788	0.788	0.788	0.788	0.788	0.788	
LTE Band 66	Right Touch	0	0.060	0.105	0.074	0.047	0.056	0.440	0.065	0.304	0.277	0.726	0.351	0.773	0.324	0.820	0.509	0.570	0.788	0.788	0.788	0.788	0.788	
	Right Tilt	0	0.054	0.042	0.151	0.054	0.042	0.219	0.065	0.312	0.215	0.422	0.366	0.476	0.269	0.530	0.788	0.788	0.788	0.788	0.788	0.788	0.788	
	Left Touch	0	0.075	0.075	0.098	0.151	0.153	0.044	0.065	0.313	0.366	0.412	0.464	0.563	0.517	0.714	0.788	0.788	0.788	0.788	0.788	0.788	0.788	
	Left Tilt	0	0.026	0.044	0.050	0.056	0.051	0.047	0.065	0.186	0.191	0.233	0.241	0.289	0.247	0.345	0.788	0.788	0.788	0.788	0.788	0.788	0.788	

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.



Body

Exposure Position			FCC Reported SAR						Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7
			1	2	3	4	5	6	1+2+6	1+3+6	1+4+5+6	1+2+3+6	1+3+4+5+6	1+3+3+6	1+3+3+4+5+6
			WWAN	2.4GHz WLAN Ant 4+8	5GHz WLAN Ant 4+8	BR/EDR_ANT4	BR/EDR_ANT8	NFC	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
GPRS850 <1Dn4Up>	Front Surface	10	0.162	0.053	0.036	0.047	0.040	0.065	0.280	0.263	0.314	0.316	0.350	0.299	0.386
	Back Surface	10	0.310	0.092	0.104	0.059	0.104	0.065	0.467	0.479	0.538	0.571	0.642	0.583	0.746
GPRS1900 <1Dn4Up>	Front Surface	10	0.140	0.053	0.036	0.047	0.040	0.065	0.258	0.241	0.292	0.294	0.328	0.277	0.364
	Back Surface	10	0.365	0.092	0.104	0.059	0.104	0.065	0.522	0.534	0.593	0.626	0.697	0.638	0.801
WCDMA Band II	Front Surface	10	0.233	0.053	0.036	0.047	0.040	0.065	0.351	0.334	0.385	0.387	0.421	0.370	0.457
	Back Surface	10	0.556	0.092	0.104	0.059	0.104	0.065	0.713	0.725	0.784	0.817	0.888	0.829	0.992
WCDMA Band IV	Front Surface	10	0.221	0.053	0.036	0.047	0.040	0.065	0.339	0.322	0.373	0.375	0.409	0.358	0.445
	Back Surface	10	0.380	0.092	0.104	0.059	0.104	0.065	0.537	0.549	0.608	0.641	0.712	0.653	0.816
WCDMA Band V	Front Surface	10	0.224	0.053	0.036	0.047	0.040	0.065	0.342	0.325	0.376	0.378	0.412	0.361	0.448
	Back Surface	10	0.518	0.092	0.104	0.059	0.104	0.065	0.675	0.687	0.746	0.779	0.850	0.791	0.954
LTE Band 2	Front Surface	10	0.300	0.053	0.036	0.047	0.040	0.065	0.418	0.401	0.452	0.454	0.488	0.437	0.524
	Back Surface	10	0.371	0.092	0.104	0.059	0.104	0.065	0.528	0.540	0.599	0.632	0.703	0.644	0.807
LTE Band 4	Front Surface	10	0.207	0.053	0.036	0.047	0.040	0.065	0.325	0.308	0.359	0.361	0.395	0.344	0.431
	Back Surface	10	0.306	0.092	0.104	0.059	0.104	0.065	0.463	0.475	0.534	0.567	0.638	0.579	0.742
LTE Band 5	Front Surface	10	0.122	0.053	0.036	0.047	0.040	0.065	0.240	0.223	0.274	0.276	0.310	0.259	0.346
	Back Surface	10	0.299	0.092	0.104	0.059	0.104	0.065	0.456	0.468	0.527	0.560	0.631	0.572	0.735
LTE Band 7	Front Surface	10	0.233	0.053	0.036	0.047	0.040	0.065	0.351	0.334	0.385	0.387	0.421	0.370	0.457
	Back Surface	10	0.169	0.092	0.104	0.059	0.104	0.065	0.326	0.338	0.397	0.430	0.501	0.442	0.605
LTE Band 12	Front Surface	10	0.071	0.053	0.036	0.047	0.040	0.065	0.189	0.172	0.223	0.225	0.259	0.208	0.295
	Back Surface	10	0.117	0.092	0.104	0.059	0.104	0.065	0.274	0.286	0.345	0.378	0.449	0.390	0.553
LTE Band 13	Front Surface	10	0.111	0.053	0.036	0.047	0.040	0.065	0.229	0.212	0.263	0.265	0.299	0.248	0.335
	Back Surface	10	0.214	0.092	0.104	0.059	0.104	0.065	0.371	0.383	0.442	0.475	0.546	0.487	0.650
LTE Band 17	Front Surface	10	0.043	0.053	0.036	0.047	0.040	0.065	0.161	0.144	0.195	0.197	0.231	0.180	0.267
	Back Surface	10	0.113	0.092	0.104	0.059	0.104	0.065	0.270	0.282	0.341	0.374	0.445	0.386	0.549
LTE Band 66	Front Surface	10	0.153	0.053	0.036	0.047	0.040	0.065	0.271	0.254	0.305	0.307	0.341	0.290	0.377
	Back Surface	10	0.209	0.092	0.104	0.059	0.104	0.065	0.366	0.378	0.437	0.470	0.541	0.482	0.645
LTE Band 38	Front Surface	10	0.130	0.053	0.036	0.047	0.040	0.065	0.248	0.231	0.282	0.284	0.318	0.267	0.354
	Back Surface	10	0.063	0.092	0.104	0.059	0.104	0.065	0.220	0.232	0.291	0.324	0.395	0.336	0.499
LTE Band 41	Front Surface	10	0.152	0.053	0.036	0.047	0.040	0.065	0.270	0.253	0.304	0.306	0.340	0.289	0.376
	Back Surface	10	0.098	0.092	0.104	0.059	0.104	0.065	0.255	0.267	0.326	0.359	0.430	0.371	0.534
NR n5	Front Surface	10	0.166	0.053	0.036	0.047	0.040	0.065	0.284	0.267	0.318	0.320	0.354	0.303	0.390
	Back Surface	10	0.281	0.092	0.104	0.059	0.104	0.065	0.438	0.450	0.509	0.542	0.613	0.554	0.717
NR n66	Front Surface	10	0.295	0.053	0.036	0.047	0.040	0.065	0.413	0.396	0.447	0.449	0.483	0.432	0.519
	Back Surface	10	0.370	0.092	0.104	0.059	0.104	0.065	0.527	0.539	0.598	0.631	0.702	0.643	0.806
NR n41	Front Surface	10	0.090	0.053	0.036	0.047	0.040	0.065	0.208	0.191	0.242	0.244	0.278	0.227	0.314
	Back Surface	10	0.168	0.092	0.104	0.059	0.104	0.065	0.325	0.337	0.396	0.429	0.500	0.441	0.604

Body_ENDC

Exposure Position			FCC Reported SAR								Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	
			0	1		2	3		4	5	6	0+1+2+6	0+1+3+6	0+1+4+5+6	0+1+2+3+6	0+1+3+4+5+6	0+1+2+3+6	0+1+3+3+4+5+6
			LTE	5G NR	2.4GHz WLAN Ant 4+8	5GHz WLAN Ant 4+8	BR/EDR_ANT4	BR/EDR_ANT8	NFC	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Band 13	Front Surface	10	0.111	NR n66	0.295	0.053	0.036	0.047	0.040	0.065	0.524	0.507	0.558	0.560	0.594	0.543	0.630	
	Back Surface	10	0.214		0.370	0.092	0.104	0.059	0.104	0.065	0.741	0.753	0.812	0.845	0.916	0.857	1.020	
LTE Band 66	Front Surface	10	0.153	NR n5	0.166	0.053	0.036	0.047	0.040	0.065	0.437	0.420	0.471	0.473	0.507	0.456	0.543	
	Back Surface	10	0.209		0.281	0.092	0.104	0.059	0.104	0.065	0.647	0.659	0.718	0.751	0.822	0.763	0.926	
LTE Band 66	Front Surface	10	0.153	NR n41	0.090	0.053	0.036	0.047	0.040	0.065	0.361	0.344	0.395	0.397	0.431	0.380	0.467	
	Back Surface	10	0.209		0.168	0.092	0.104	0.059	0.104	0.065	0.534	0.546	0.605	0.638	0.709	0.650	0.813	

Limb

Exposure Position		FCC Reported SAR		Scenario 6
		3	6	3+3+6
		5GHz WLAN Ant 4+8	NFC	Summed
		10g SAR (W/kg)	10g SAR (W/kg)	1g SAR (W/kg)
Front Surface	0	0.037	0.041	0.115
Back Surface	0	0.130	0.041	0.301
Top Edge	0	0.086	0.041	0.213
Bottom Edge	0	0.010	0.041	0.061
Right Edge	0	0.067	0.041	0.175
Left Edge	0	0.079	0.041	0.199

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group



Hotspot

	Exposure Position		FCC Reported SAR						Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7
			1	2	3	4	5	6	1+2+6	1+3+6	1+4+5+6	1+2+3+6	1+3+4+5+6	1+3+3+6	1+3+3+4+5+6
			WWAN	2.4GHz WLAN Ant.1+4+6	5GHz WLAN Ant.4+6	BR/EDR_ANT4	BR/EDR_ANT8	NFC	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
GPRS850 <1Dn4Up>	Front Surface	10	0.209	0.039	0.013	0.024	0.061	0.065	0.313	0.287	0.359	0.326	0.372	0.300	0.385
	Back Surface	10	0.556	0.022	0.034	0.026	0.041	0.065	0.643	0.655	0.688	0.677	0.722	0.689	0.756
	Top Edge	10	0.021	0.040	0.033	0.017	0.052	0.065	0.126	0.119	0.155	0.159	0.188	0.152	0.221
	Bottom Edge	10	0.278	0.004	0.006	0.005	0.004	0.065	0.347	0.349	0.352	0.353	0.358	0.355	0.364
	Right Edge	10	0.322	0.038	0.038	0.095	0.003	0.065	0.425	0.425	0.485	0.463	0.523	0.463	0.561
	Left Edge	10	0.049	0.095	0.059	0.003	0.163	0.065	0.209	0.173	0.280	0.268	0.339	0.232	0.398
GPRS1900 <1Dn4Up>	Front Surface	10	0.215	0.039	0.013	0.024	0.061	0.065	0.319	0.293	0.365	0.332	0.378	0.306	0.391
	Back Surface	10	0.183	0.022	0.034	0.026	0.041	0.065	0.270	0.282	0.315	0.304	0.349	0.316	0.383
	Top Edge	10	0.015	0.040	0.033	0.017	0.052	0.065	0.120	0.113	0.149	0.153	0.182	0.146	0.215
	Bottom Edge	10	0.173	0.004	0.006	0.005	0.004	0.065	0.242	0.244	0.247	0.248	0.253	0.250	0.259
	Right Edge	10	0.055	0.038	0.038	0.095	0.003	0.065	0.158	0.158	0.218	0.196	0.256	0.196	0.294
	Left Edge	10	0.121	0.095	0.059	0.003	0.163	0.065	0.281	0.245	0.352	0.340	0.411	0.304	0.470
WCDMA Band II	Front Surface	10	0.280	0.039	0.013	0.024	0.061	0.065	0.384	0.358	0.430	0.397	0.443	0.371	0.456
	Back Surface	10	0.228	0.022	0.034	0.026	0.041	0.065	0.315	0.327	0.360	0.349	0.394	0.361	0.428
	Top Edge	10	0.018	0.040	0.033	0.017	0.052	0.065	0.123	0.116	0.152	0.156	0.185	0.149	0.218
	Bottom Edge	10	0.142	0.004	0.006	0.005	0.004	0.065	0.211	0.213	0.216	0.217	0.222	0.219	0.228
	Right Edge	10	0.027	0.038	0.038	0.095	0.003	0.065	0.130	0.130	0.190	0.168	0.228	0.168	0.266
	Left Edge	10	0.166	0.095	0.059	0.003	0.163	0.065	0.326	0.290	0.397	0.385	0.456	0.349	0.515
WCDMA Band IV	Front Surface	10	0.283	0.039	0.013	0.024	0.061	0.065	0.387	0.361	0.433	0.400	0.446	0.374	0.459
	Back Surface	10	0.247	0.022	0.034	0.026	0.041	0.065	0.334	0.346	0.379	0.368	0.413	0.380	0.447
	Top Edge	10	0.012	0.040	0.033	0.017	0.052	0.065	0.117	0.110	0.146	0.150	0.179	0.143	0.212
	Bottom Edge	10	0.150	0.004	0.006	0.005	0.004	0.065	0.219	0.221	0.224	0.225	0.230	0.227	0.236
	Right Edge	10	0.037	0.038	0.038	0.095	0.003	0.065	0.140	0.140	0.200	0.178	0.238	0.178	0.276
	Left Edge	10	0.151	0.095	0.059	0.003	0.163	0.065	0.311	0.275	0.382	0.370	0.441	0.334	0.500
WCDMA Band V	Front Surface	10	0.222	0.039	0.013	0.024	0.061	0.065	0.326	0.300	0.372	0.339	0.385	0.313	0.398
	Back Surface	10	0.399	0.022	0.034	0.026	0.041	0.065	0.486	0.498	0.531	0.520	0.565	0.532	0.599
	Top Edge	10	0.014	0.040	0.033	0.017	0.052	0.065	0.119	0.112	0.148	0.152	0.181	0.145	0.214
	Bottom Edge	10	0.304	0.004	0.006	0.005	0.004	0.065	0.373	0.375	0.378	0.379	0.384	0.381	0.390
	Right Edge	10	0.341	0.038	0.038	0.095	0.003	0.065	0.444	0.444	0.504	0.482	0.542	0.482	0.580
	Left Edge	10	0.052	0.095	0.059	0.003	0.163	0.065	0.212	0.176	0.283	0.271	0.342	0.235	0.401
LTE Band 2	Front Surface	10	0.202	0.039	0.013	0.024	0.061	0.065	0.306	0.280	0.352	0.319	0.365	0.293	0.378
	Back Surface	10	0.346	0.022	0.034	0.026	0.041	0.065	0.433	0.445	0.478	0.467	0.512	0.479	0.546
	Top Edge	10	0.040	0.040	0.033	0.017	0.052	0.065	0.145	0.138	0.174	0.178	0.207	0.171	0.240
	Bottom Edge	10	0.031	0.004	0.006	0.005	0.004	0.065	0.100	0.102	0.105	0.106	0.111	0.108	0.117
	Right Edge	10	0.205	0.038	0.038	0.095	0.003	0.065	0.308	0.308	0.368	0.346	0.406	0.346	0.444
	Left Edge	10	0.235	0.095	0.059	0.003	0.163	0.065	0.395	0.359	0.466	0.454	0.525	0.418	0.584
LTE Band 4	Front Surface	10	0.200	0.039	0.013	0.024	0.061	0.065	0.304	0.278	0.350	0.317	0.363	0.291	0.376
	Back Surface	10	0.263	0.022	0.034	0.026	0.041	0.065	0.350	0.362	0.395	0.384	0.429	0.396	0.463
	Top Edge	10	0.033	0.040	0.033	0.017	0.052	0.065	0.138	0.131	0.167	0.171	0.200	0.164	0.233
	Bottom Edge	10	0.028	0.004	0.006	0.005	0.004	0.065	0.097	0.099	0.102	0.103	0.108	0.105	0.114
	Right Edge	10	0.186	0.038	0.038	0.095	0.003	0.065	0.289	0.289	0.349	0.327	0.387	0.327	0.425
	Left Edge	10	0.238	0.095	0.059	0.003	0.163	0.065	0.398	0.362	0.469	0.457	0.528	0.421	0.587
LTE Band 5	Front Surface	10	0.212	0.039	0.013	0.024	0.061	0.065	0.316	0.290	0.362	0.329	0.375	0.303	0.388
	Back Surface	10	0.289	0.022	0.034	0.026	0.041	0.065	0.386	0.398	0.431	0.420	0.465	0.432	0.499
	Top Edge	10	0.012	0.040	0.033	0.017	0.052	0.065	0.117	0.110	0.146	0.150	0.179	0.143	0.212
	Bottom Edge	10	0.274	0.004	0.006	0.005	0.004	0.065	0.343	0.345	0.348	0.349	0.354	0.351	0.360
	Right Edge	10	0.269	0.038	0.038	0.095	0.003	0.065	0.372	0.372	0.432	0.410	0.470	0.410	0.508
	Left Edge	10	0.049	0.095	0.059	0.003	0.163	0.065	0.209	0.173	0.280	0.268	0.339	0.232	0.398
LTE Band 7	Front Surface	10	0.139	0.039	0.013	0.024	0.061	0.065	0.243	0.217	0.289	0.256	0.302	0.230	0.315
	Back Surface	10	0.093	0.022	0.034	0.026	0.041	0.065	0.180	0.192	0.225	0.214	0.259	0.226	0.293
	Top Edge	10	0.015	0.040	0.033	0.017	0.052	0.065	0.120	0.113	0.149	0.153	0.182	0.146	0.215
	Bottom Edge	10	0.080	0.004	0.006	0.005	0.004	0.065	0.149	0.151	0.154	0.155	0.160	0.157	0.166
	Right Edge	10	0.019	0.038	0.038	0.095	0.003	0.065	0.122	0.122	0.182	0.160	0.220	0.160	0.258
	Left Edge	10	0.294	0.095	0.059	0.003	0.163	0.065	0.454	0.418	0.525	0.513	0.584	0.477	0.643

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

LTE Band 12	Front Surface	10	0.168	0.039	0.013	0.024	0.061	0.065	0.272	0.246	0.318	0.285	0.331	0.259	0.344
	Back Surface	10	0.212	0.022	0.034	0.026	0.041	0.065	0.299	0.311	0.344	0.333	0.378	0.345	0.412
	Top Edge	10	0.033	0.040	0.033	0.017	0.052	0.065	0.138	0.131	0.167	0.171	0.200	0.164	0.233
	Bottom Edge	10	0.023	0.004	0.006	0.005	0.004	0.065	0.092	0.094	0.097	0.098	0.103	0.100	0.109
	Right Edge	10	0.186	0.038	0.038	0.095	0.003	0.065	0.289	0.289	0.349	0.327	0.387	0.327	0.425
LTE Band 13	Left Edge	10	0.036	0.095	0.059	0.003	0.163	0.065	0.196	0.160	0.267	0.255	0.326	0.219	0.385
	Front Surface	10	0.166	0.039	0.013	0.024	0.061	0.065	0.270	0.244	0.316	0.283	0.329	0.257	0.342
	Back Surface	10	0.229	0.022	0.034	0.026	0.041	0.065	0.316	0.328	0.361	0.350	0.395	0.362	0.429
	Top Edge	10	0.038	0.040	0.033	0.017	0.052	0.065	0.143	0.136	0.172	0.176	0.205	0.169	0.238
	Bottom Edge	10	0.025	0.004	0.006	0.005	0.004	0.065	0.094	0.096	0.099	0.100	0.105	0.102	0.111
LTE Band 17	Right Edge	10	0.209	0.038	0.038	0.095	0.003	0.065	0.312	0.312	0.372	0.350	0.410	0.350	0.448
	Left Edge	10	0.053	0.095	0.059	0.003	0.163	0.065	0.213	0.177	0.284	0.272	0.343	0.236	0.402
	Front Surface	10	0.143	0.039	0.013	0.024	0.061	0.065	0.247	0.221	0.293	0.260	0.306	0.234	0.319
	Back Surface	10	0.196	0.022	0.034	0.026	0.041	0.065	0.283	0.295	0.328	0.317	0.362	0.329	0.396
	Top Edge	10	0.029	0.040	0.033	0.017	0.052	0.065	0.134	0.127	0.163	0.167	0.196	0.160	0.229
LTE Band 66	Bottom Edge	10	0.018	0.004	0.006	0.005	0.004	0.065	0.087	0.089	0.092	0.093	0.098	0.095	0.104
	Right Edge	10	0.187	0.038	0.038	0.095	0.003	0.065	0.290	0.290	0.350	0.328	0.388	0.328	0.426
	Left Edge	10	0.052	0.095	0.059	0.003	0.163	0.065	0.212	0.176	0.283	0.271	0.342	0.235	0.401
	Front Surface	10	0.186	0.039	0.013	0.024	0.061	0.065	0.290	0.264	0.336	0.303	0.349	0.277	0.362
	Back Surface	10	0.246	0.022	0.034	0.026	0.041	0.065	0.333	0.345	0.378	0.367	0.412	0.379	0.446
LTE Band 38	Top Edge	10	0.049	0.040	0.033	0.017	0.052	0.065	0.154	0.147	0.183	0.187	0.216	0.180	0.249
	Bottom Edge	10	0.042	0.004	0.006	0.005	0.004	0.065	0.111	0.113	0.116	0.117	0.122	0.119	0.128
	Right Edge	10	0.222	0.038	0.038	0.095	0.003	0.065	0.325	0.325	0.385	0.363	0.423	0.363	0.461
	Left Edge	10	0.237	0.095	0.059	0.003	0.163	0.065	0.397	0.361	0.468	0.456	0.527	0.420	0.586
	Front Surface	10	0.090	0.039	0.013	0.024	0.061	0.065	0.194	0.168	0.240	0.207	0.253	0.181	0.266
LTE Band 41	Back Surface	10	0.065	0.022	0.034	0.026	0.041	0.065	0.152	0.164	0.197	0.186	0.231	0.198	0.265
	Top Edge	10	0.020	0.040	0.033	0.017	0.052	0.065	0.125	0.118	0.154	0.158	0.187	0.151	0.220
	Bottom Edge	10	0.059	0.004	0.006	0.005	0.004	0.065	0.128	0.130	0.133	0.134	0.139	0.136	0.145
	Right Edge	10	0.015	0.038	0.038	0.095	0.003	0.065	0.118	0.118	0.178	0.156	0.216	0.156	0.254
	Left Edge	10	0.155	0.095	0.059	0.003	0.163	0.065	0.315	0.279	0.386	0.374	0.445	0.338	0.504
NR n5	Front Surface	10	0.141	0.039	0.013	0.024	0.061	0.065	0.245	0.219	0.291	0.258	0.304	0.232	0.317
	Back Surface	10	0.013	0.022	0.034	0.026	0.041	0.065	0.100	0.112	0.145	0.134	0.179	0.146	0.213
	Top Edge	10	0.054	0.040	0.033	0.017	0.052	0.065	0.159	0.152	0.188	0.192	0.221	0.185	0.254
	Bottom Edge	10	0.070	0.004	0.006	0.005	0.004	0.065	0.139	0.141	0.144	0.145	0.150	0.147	0.156
	Right Edge	10	0.011	0.038	0.038	0.095	0.003	0.065	0.114	0.114	0.174	0.152	0.212	0.152	0.250
NR n6	Left Edge	10	0.198	0.095	0.059	0.003	0.163	0.065	0.358	0.322	0.429	0.417	0.488	0.381	0.547
	Front Surface	10	0.196	0.039	0.013	0.024	0.061	0.065	0.300	0.274	0.346	0.313	0.359	0.287	0.372
	Back Surface	10	0.259	0.022	0.034	0.026	0.041	0.065	0.346	0.358	0.391	0.380	0.425	0.392	0.459
	Top Edge	10	0.019	0.040	0.033	0.017	0.052	0.065	0.124	0.117	0.153	0.157	0.186	0.150	0.219
	Bottom Edge	10	0.454	0.004	0.006	0.005	0.004	0.065	0.523	0.525	0.528	0.529	0.534	0.531	0.540
NR n41	Right Edge	10	0.306	0.038	0.038	0.095	0.003	0.065	0.409	0.409	0.469	0.447	0.507	0.447	0.545
	Left Edge	10	0.056	0.095	0.059	0.003	0.163	0.065	0.216	0.180	0.287	0.275	0.346	0.239	0.405
	Front Surface	10	0.365	0.039	0.013	0.024	0.061	0.065	0.469	0.443	0.515	0.482	0.528	0.456	0.541
	Back Surface	10	0.477	0.022	0.034	0.026	0.041	0.065	0.564	0.576	0.609	0.598	0.643	0.610	0.677
	Top Edge	10	0.045	0.040	0.033	0.017	0.052	0.065	0.150	0.143	0.179	0.183	0.212	0.176	0.245
NR n41	Bottom Edge	10	0.236	0.004	0.006	0.005	0.004	0.065	0.305	0.307	0.310	0.311	0.316	0.313	0.322
	Right Edge	10	0.222	0.038	0.038	0.095	0.003	0.065	0.325	0.325	0.385	0.363	0.423	0.363	0.461
	Left Edge	10	0.203	0.095	0.059	0.003	0.163	0.065	0.363	0.327	0.434	0.422	0.493	0.386	0.552
	Front Surface	10	0.082	0.039	0.013	0.024	0.061	0.065	0.186	0.160	0.232	0.199	0.245	0.173	0.258
	Back Surface	10	0.136	0.022	0.034	0.026	0.041	0.065	0.223	0.235	0.268	0.257	0.302	0.269	0.336
NR n41	Top Edge	10	0.012	0.040	0.033	0.017	0.052	0.065	0.117	0.110	0.146	0.150	0.179	0.143	0.212
	Bottom Edge	10	0.260	0.004	0.006	0.005	0.004	0.065	0.329	0.331	0.334	0.335	0.340	0.337	0.346
	Right Edge	10	0.032	0.038	0.038	0.095	0.003	0.065	0.135	0.135	0.195	0.173	0.233	0.173	0.271
	Left Edge	10	0.017	0.095	0.059	0.003	0.163	0.065	0.177	0.141	0.248	0.236	0.307	0.200	0.366

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

Hotspot_ENDC

	Exposure Position		0		FCC Reported SAR						Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7
					1	2	3	4	5	6	0+1+2+6	0+1+3+6	0+1+4+5+6	0+1+2+3+6	0+1+3+4+5+6	0+1+3+3+6	0+1+3+3+4+5+6
					SGNR	2.4GHz WLAN Ant. 4+6	5GHz WLAN Ant. 4+6	BR/EDR_ANT4	BR/EDR_ANT6	NFC	Summed	Summed	Summed	Summed	Summed	Summed	Summed
			LTE		1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)	1g SAR (W/kg)
LTE Band 13	Front Surface	10	0.165	NR n66	0.365	0.039	0.013	0.024	0.061	0.065	0.635	0.609	0.681	0.648	0.684	0.622	0.707
	Back Surface	10	0.239		0.477	0.022	0.034	0.026	0.041	0.065	0.793	0.805	0.838	0.827	0.872	0.839	0.906
	Top Edge	10	0.038		0.045	0.040	0.033	0.017	0.052	0.065	0.188	0.181	0.217	0.221	0.250	0.214	0.283
	Bottom Edge	10	0.025		0.236	0.004	0.006	0.005	0.004	0.065	0.330	0.332	0.335	0.336	0.341	0.338	0.347
	Right Edge	10	0.209		0.222	0.038	0.038	0.095	0.003	0.065	0.534	0.534	0.594	0.572	0.632	0.572	0.670
LTE Band 66	Left Edge	10	0.053	NR n5	0.203	0.095	0.059	0.003	0.163	0.065	0.416	0.380	0.467	0.475	0.548	0.439	0.605
	Front Surface	10	0.186		0.196	0.039	0.013	0.024	0.061	0.065	0.486	0.460	0.532	0.499	0.545	0.473	0.553
	Back Surface	10	0.246		0.259	0.022	0.034	0.026	0.041	0.065	0.592	0.604	0.637	0.626	0.671	0.638	0.705
	Top Edge	10	0.049		0.019	0.040	0.033	0.017	0.052	0.065	0.173	0.166	0.202	0.206	0.235	0.199	0.268
	Bottom Edge	10	0.042		0.454	0.004	0.006	0.005	0.004	0.065	0.565	0.567	0.570	0.571	0.576	0.573	0.582
LTE Band 66	Right Edge	10	0.222	NR n41	0.306	0.038	0.038	0.095	0.003	0.065	0.631	0.631	0.691	0.669	0.729	0.669	0.767
	Left Edge	10	0.237		0.056	0.095	0.059	0.003	0.163	0.065	0.453	0.417	0.524	0.512	0.583	0.476	0.642
	Front Surface	10	0.186		0.082	0.039	0.013	0.024	0.061	0.065	0.372	0.346	0.418	0.385	0.431	0.359	0.444
	Back Surface	10	0.246		0.136	0.022	0.034	0.026	0.041	0.065	0.469	0.481	0.514	0.503	0.548	0.516	0.592
	Top Edge	10	0.049		0.012	0.040	0.033	0.017	0.052	0.065	0.166	0.159	0.195	0.199	0.228	0.192	0.261
	Bottom Edge	10	0.042		0.260	0.004	0.006	0.005	0.004	0.065	0.371	0.373	0.376	0.377	0.382	0.379	0.388
	Right Edge	10	0.222		0.032	0.038	0.038	0.095	0.003	0.065	0.357	0.357	0.417	0.395	0.455	0.395	0.493
	Left Edge	10	0.237		0.017	0.095	0.059	0.003	0.163	0.065	0.414	0.378	0.485	0.473	0.544	0.437	0.603

8.4 Conclusion

The simultaneous transmission is compliant because both SAR sum and/or SPLSR are less than their corresponding criteria.

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

9 INSTRUMENTS LIST

Equipment List					
Manufacturer	Device	Type	Serial number	Date of last calibration	Date of next calibration
SPEAG	Data acquisition Electronics	DAE4	547	Jan/18/2024	Jan/17/2025
SPEAG	Dosimetric E-Field Probe	EX3DV4	7466	Jan/22/2024	Jan/21/2025
SPEAG	System Validation Dipole	D750V3	1015	Sep/18/2023	Sep/17/2024
SPEAG	System Validation Dipole	D835V2	4d063	Sep/20/2023	Sep/19/2024
SPEAG	System Validation Dipole	D1750V2	1008	Sep/19/2023	Sep/18/2024
SPEAG	System Validation Dipole	D1900V2	5d142	Jun/14/2023	Jun/13/2024
SPEAG	System Validation Dipole	D2450V2	728	Aug/28/2023	Aug/27/2024
SPEAG	System Validation Dipole	D2600V2	1005	Jan/22/2024	Jan/21/2025
SPEAG	System Validation Dipole	D5GHZV2	1023	Jan/24/2024	Jan/23/2025
SPEAG	Dielectric Assessment Kit	DAKS-3.5	1053	Feb/21/2024	Feb/20/2025
Agilent	MXG Analog Signal Generator	N5181A	MY50141235	Jun/19/2023	Jun/18/2024
R&S	MXG Analog Signal Generator	SMB100A03	182012	May/23/2023	May/22/2024
Agilent	Dual-directional coupler	772D	MY46151258	Sep/26/2023	Sep/25/2024
Agilent	Dual-directional coupler	778D	MY46151242	Sep/26/2023	Sep/25/2024
EMCI	Amplifier	ZHL-42	980189	Calibration not required	Calibration not required
EMCI	Amplifier	ZVE-8G	980190	Calibration not required	Calibration not required
R&S	Power Meter	NRX	102034	Dec/13/2023	Dec/12/2024
R&S	Power Sensor	NRP18S	101974	Nov/21/2023	Nov/20/2024
R&S	Power Sensor	NRP18S	109066	Oct/23/2023	Oct/22/2024
SPEAG	Software	DASY 8 V16.0.2.83	N/A	Calibration not required	Calibration not required
SPEAG	Phantom	SAM	N/A	Calibration not required	Calibration not required
Anritsu	Radio Communication Test	MT8820C	6201061014	Sep/23/2023	Sep/22/2024
Keysight	UXM 5G Wireless Test Platform	E7515B	MY60101215	Feb/27/2024	Feb/26/2025
LKM	Digital thermometer	DTM3000	3896	Dec/26/2023	Dec/25/2024
TECPEL	Digital thermometer	DTM-303A	TP130077	Sep/25/2023	Sep/24/2024

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

10 UNCERTAINTY BUDGET

Measurement Uncertainty evaluation template for DUT SAR test (3-6G)

A	c	D	e		f	g	h=c * f / e	i=c * g / e	k
Source of Uncertainty	Tolerance/ Uncertainty	Probability Distributio	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
Measurement system									
Probe calibration	6.55%	N	1	1	1	1	6.55%	6.55%	∞
<i>Isotropy, Axial</i>	3.50%	R	√3	1.732	1	1	2.02%	2.02%	∞
<i>Isotropy, Hemispherical</i>	9.60%	R	√3	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	√3	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	√3	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	√3	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	√3	1.732	1	1	1.50%	1.50%	∞
Measurement drift (class A evaluation)	1.75%	R	√3	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	√3	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	√3	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom shell	2.90%	R	√3	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	√3	1.732	1	1	0.58%	0.58%	∞
Test Sample related									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	√3	1.732	1	1	2.89%	2.89%	∞
Phantom and Setup									
Phantom Uncertainty	4.00%	R	√3	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	0.75%	N	1	1	0.64	0.43	0.48%	0.32%	M
Liquid Conductivity (mea.)	0.20%	N	1	1	0.6	0.49	0.12%	0.10%	M
Combined standard uncertainty		RSS					11.73%	11.71%	
Expan uncertainty (95% confidence interval), K=2							23.45%	23.42%	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Measurement Uncertainty evaluation template for DUT SAR test (0.3-3G)

A	c	D	e		f	g	h=c * f / e	i=c * g / e	k
Source of Uncertainty	Tolerance/ Uncertainty	Probability Distributio	Div	Div Value	ci (1g)	ci (10g)	Standard uncertainty	Standard uncertainty	vi, or Veff
Measurement system									
Probe calibration	6.00%	N	1	1	1	1	6.00%	6.00%	∞
<i>Isotropy , Axial</i>	3.50%	R	$\sqrt{3}$	1.732	1	1	2.02%	2.02%	∞
<i>Isotropy, Hemispherical</i>	9.60%	R	$\sqrt{3}$	1.732	1	1	5.54%	5.54%	∞
Modulation Response	2.40%	R	$\sqrt{3}$	1.732	1	1	1.40%	1.40%	∞
Boundary Effect	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Linearity	4.70%	R	$\sqrt{3}$	1.732	1	1	2.71%	2.71%	∞
Detection Limits	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Readout Electronics	0.30%	N	1	1	1	1	0.30%	0.30%	∞
Response time	0.80%	R	$\sqrt{3}$	1.732	1	1	0.46%	0.46%	∞
Integration Time	2.60%	R	$\sqrt{3}$	1.732	1	1	1.50%	1.50%	∞
Measurement drift (class A evaluation)	1.75%	R	$\sqrt{3}$	1.732	1	1	1.01%	1.01%	∞
RF ambient condition - noise	3.00%	R	$\sqrt{3}$	1.732	1	1	1.73%	1.73%	∞
RF ambient conditions - reflections	3.00%	R	$\sqrt{3}$	1.732	1	1	1.73%	1.73%	∞
Probe positioner Mechanical restrictions	0.40%	R	$\sqrt{3}$	1.732	1	1	0.23%	0.23%	∞
Probe Positioning with respect to phantom shell	2.90%	R	$\sqrt{3}$	1.732	1	1	1.67%	1.67%	∞
Post-processing	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Max SAR Eval	1.00%	R	$\sqrt{3}$	1.732	1	1	0.58%	0.58%	∞
Test Sample related									
Test sample positioning	2.90%	N	1	1	1	1	2.90%	2.90%	M-1
Device Holder Uncertainty	3.60%	N	1	1	1	1	3.60%	3.60%	M-1
Drift of output power	5.00%	R	$\sqrt{3}$	1.732	1	1	2.89%	2.89%	∞
Phantom and Setup									
Phantom Uncertainty	4.00%	R	$\sqrt{3}$	1.732	1	1	2.31%	2.31%	∞
Liquid permittivity (mea.)	0.66%	N	1	1	0.64	0.43	0.42%	0.28%	M
Liquid Conductivity (mea.)	1.57%	N	1	1	0.6	0.49	0.94%	0.77%	M
Combined standard uncertainty		RSS					11.46%	11.44%	
Expan uncertainty (95% confidence interval), K=2							22.93%	22.87%	

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

11 SAR MEASUREMENT RESULTS

ID: 001

Report No. : TESA2404000214E5

Measurement Report_GSM850_Head_Right Touch_CH 128

Ambient temperature: 22.8°C; Liquid temperature: 21.9°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Right Touch, 0.00	824.2, 128	9.71	0.9	41.332

Hardware Setup

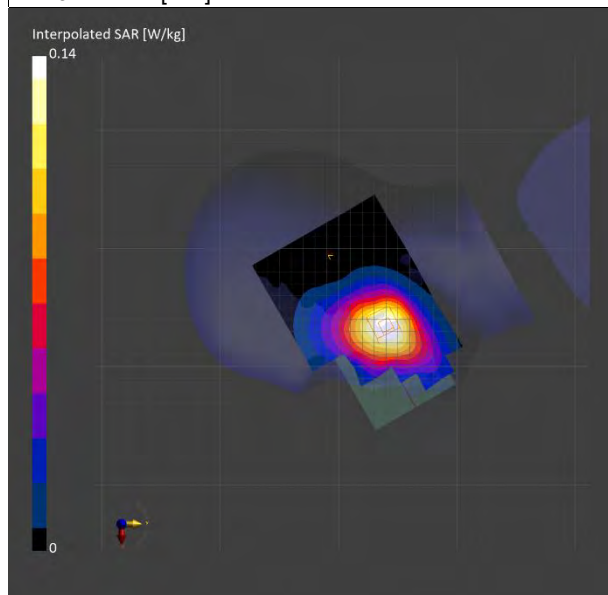
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-05	2024-05-05
psSAR1g [W/kg]	0.122	0.133
psSAR8g [W/kg]	0.088	0.106
psSAR10g [W/kg]	0.084	0.102
Power Drift [dB]	0.01	-0.03
M2/M1 [%]		81.2
Dist 3dB Peak [mm]		16.1



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 002

Report No. : TESA2404000214E5

Measurement Report_GSM1900_Head_Left Touch_CH 661

Ambient temperature: 22.9°C; Liquid temperature: 22.0°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Left Touch, 0.00	1880.0, 661	8.28	1.414	39.737

Hardware Setup

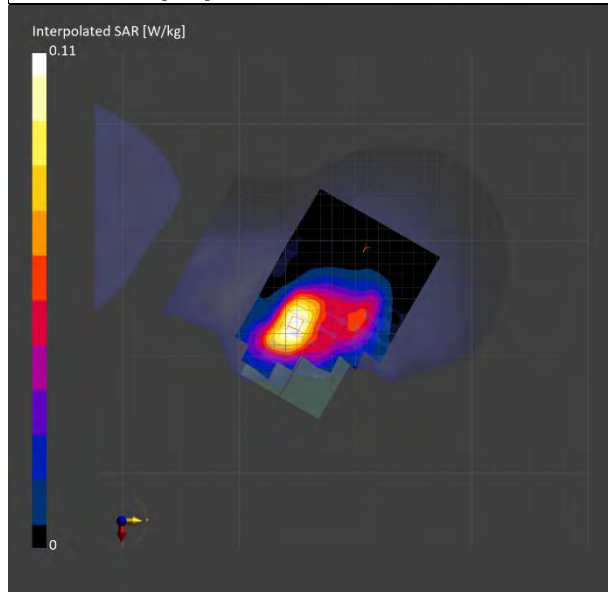
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-06	2024-05-06
psSAR1g [W/kg]	0.089	0.100
psSAR8g [W/kg]	0.058	0.069
psSAR10g [W/kg]	0.054	0.065
Power Drift [dB]	-0.01	0.00
M2/M1 [%]		68.1
Dist 3dB Peak [mm]		14.7



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 003

Report No. : TESA2404000214E5

Measurement Report_WCDMA Band II_Head_Left Touch_CH 9400

Ambient temperature: 22.9°C; Liquid temperature: 22.0°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Left Touch, 0.00	1880.0, 9400	8.28	1.414	39.737

Hardware Setup

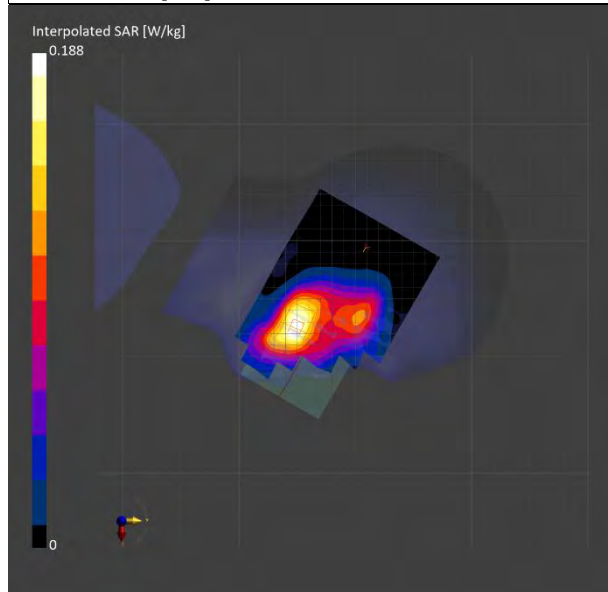
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-06	2024-05-06
psSAR1g [W/kg]	0.152	0.161
psSAR8g [W/kg]	0.097	0.112
psSAR10g [W/kg]	0.091	0.106
Power Drift [dB]	-0.06	-0.05
M2/M1 [%]		68.0
Dist 3dB Peak [mm]		11.4



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 004

Report No. : TESA2404000214E5

Measurement Report_WCDMA Band IV_Head_Left Touch_CH 1513

Ambient temperature: 22.9°C; Liquid temperature: 22.0°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Left Touch, 0.00	1752.6, 1513	8.51	1.382	39.811

Hardware Setup

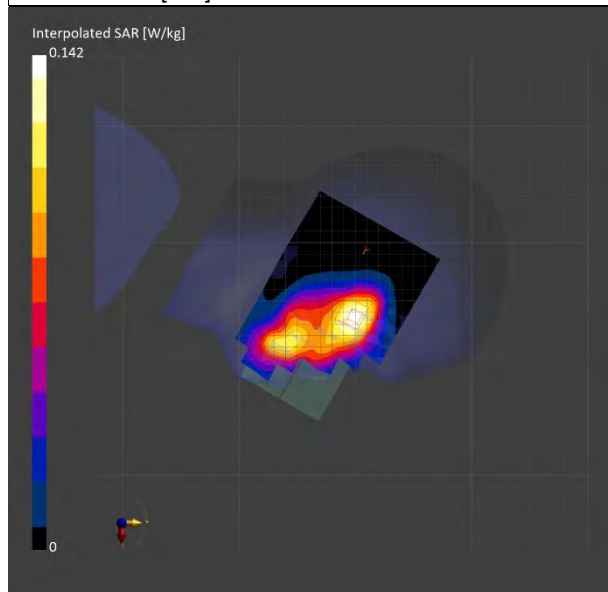
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-06	2024-05-06
psSAR1g [W/kg]	0.117	0.125
psSAR8g [W/kg]	0.076	0.090
psSAR10g [W/kg]	0.072	0.086
Power Drift [dB]	-0.06	-0.02
M2/M1 [%]		72.6
Dist 3dB Peak [mm]		18.2



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 005

Report No. : TESA2404000214E5

Measurement Report_WCDMA Band V_Head_Right Touch_CH 4183

Ambient temperature: 22.8°C; Liquid temperature: 21.9°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Right Touch, 0.00	836.6, 4183	9.71	0.905	41.284

Hardware Setup

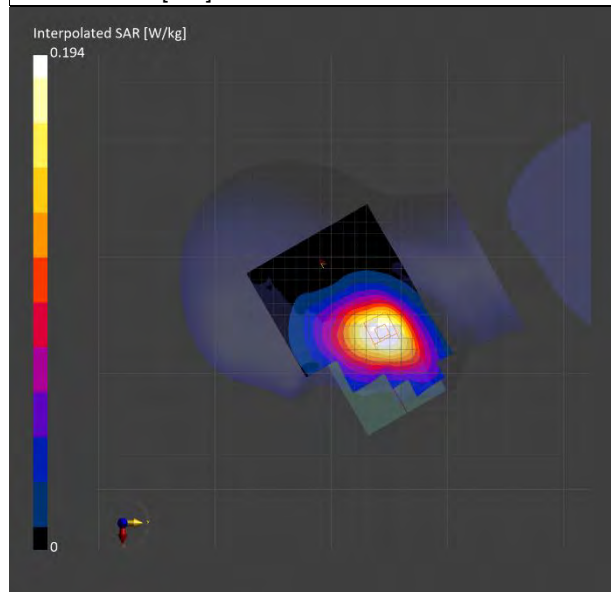
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-05	2024-05-05
psSAR1g [W/kg]	0.171	0.189
psSAR8g [W/kg]	0.124	0.152
psSAR10g [W/kg]	0.118	0.146
Power Drift [dB]	0.03	-0.02
M2/M1 [%]		77.4
Dist 3dB Peak [mm]		16.5



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 006

Report No. : TESA2404000214E5

Measurement Report_LTE Band 2 (20MHz)_Head_Left Touch_CH 19100_QPSK_1-0

Ambient temperature: 22.9°C; Liquid temperature: 22.0°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Left Touch, 0.00	1900.0, 19100	8.28	1.414	39.737

Hardware Setup

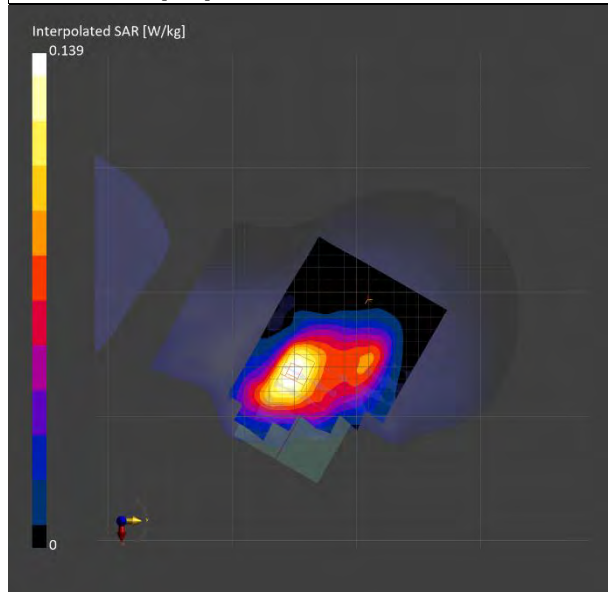
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-06	2024-05-06
psSAR1g [W/kg]	0.115	0.122
psSAR8g [W/kg]	0.074	0.087
psSAR10g [W/kg]	0.070	0.082
Power Drift [dB]	-0.06	-0.01
M2/M1 [%]		73.5
Dist 3dB Peak [mm]		15.0



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 007

Report No. : TESA2404000214E5

Measurement Report_LTE Band 4 (20MHz)_Head_Left Touch_CH 20300_QPSK_1-0

Ambient temperature: 22.9°C; Liquid temperature: 22.0°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Left Touch, 0.00	1745.0, 20300	8.51	1.378	39.824

Hardware Setup

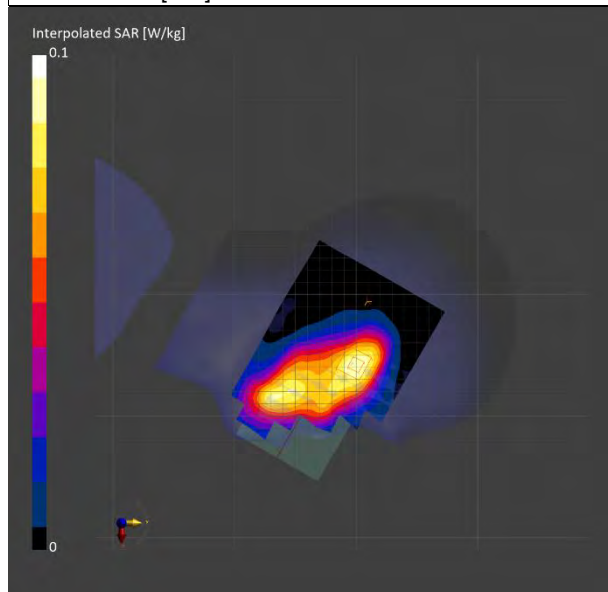
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-06	2024-05-06
psSAR1g [W/kg]	0.077	0.076
psSAR8g [W/kg]	0.051	0.056
psSAR10g [W/kg]	0.047	0.053
Power Drift [dB]	0.04	-0.03
M2/M1 [%]		71.5
Dist 3dB Peak [mm]		17.5



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 008

Report No. : TESA2404000214E5

Measurement Report_LTE Band 5 (10MHz)_Head_Right Touch_CH 20450_QPSK_1-0

Ambient temperature: 22.8°C; Liquid temperature: 21.9°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Right Touch, 0.00	829.0, 20450	9.71	0.902	41.313

Hardware Setup

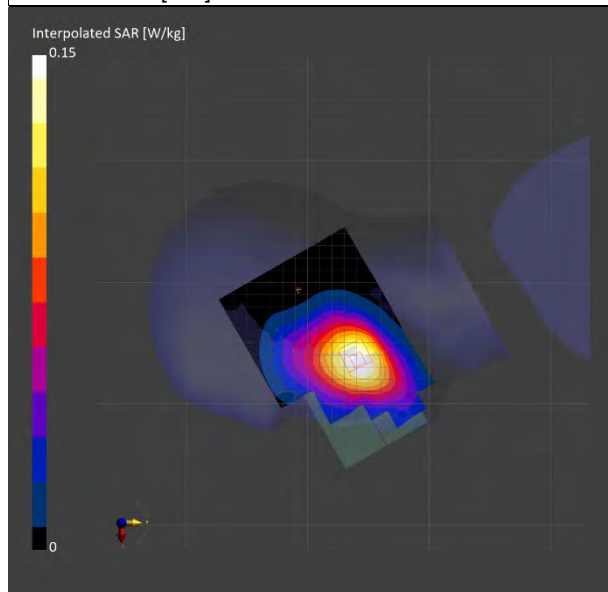
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-05	2024-05-05
psSAR1g [W/kg]	0.131	0.138
psSAR8g [W/kg]	0.094	0.111
psSAR10g [W/kg]	0.089	0.107
Power Drift [dB]	0.03	0.01
M2/M1 [%]		77.2
Dist 3dB Peak [mm]		9.0



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 009

Report No. : TESA2404000214E5

Measurement Report_LTE Band 7 (20MHz)_Head_Left Touch_CH 20850_QPSK_1-0

Ambient temperature: 23.1°C; Liquid temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Left Touch, 0.00	2510.0, 20850	7.81	1.879	38.861

Hardware Setup

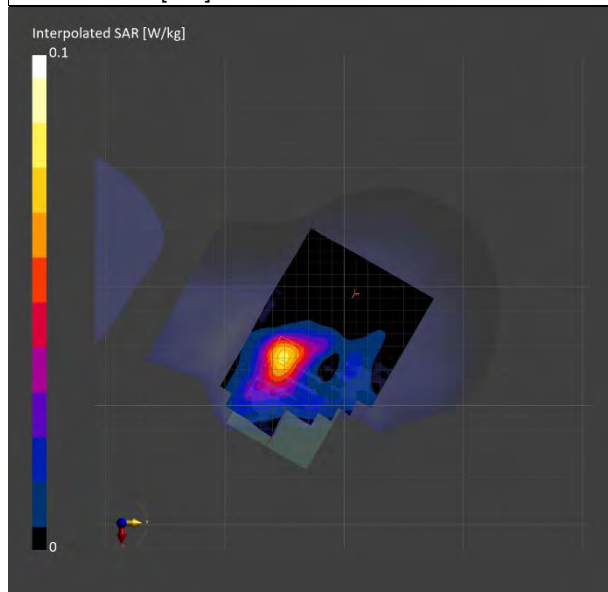
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 240.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-07	2024-05-07
psSAR1g [W/kg]	0.063	0.061
psSAR8g [W/kg]	0.037	0.039
psSAR10g [W/kg]	0.034	0.036
Power Drift [dB]	-0.02	0.02
M2/M1 [%]		65.3
Dist 3dB Peak [mm]		12.8



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 010

Report No. : TESA2404000214E5

Measurement Report_LTE Band 12 (10MHz)_Head_Right Touch_CH 23095_QPSK_1-0

Ambient temperature: 22.8°C; Liquid temperature: 21.9°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Right Touch, 0.00	707.5, 23095	9.79	0.885	41.897

Hardware Setup

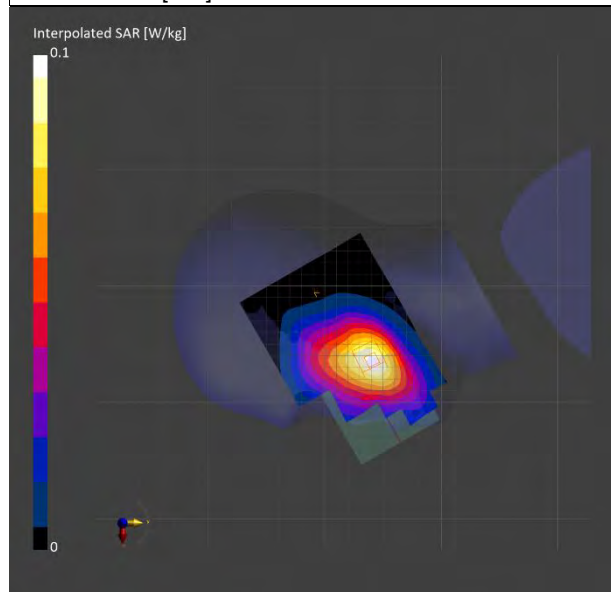
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-05	2024-05-05
psSAR1g [W/kg]	0.083	0.086
psSAR8g [W/kg]	0.060	0.071
psSAR10g [W/kg]	0.057	0.068
Power Drift [dB]	0.04	-0.05
M2/M1 [%]		76.8
Dist 3dB Peak [mm]		27.6



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 011

Report No. : TESA2404000214E5

Measurement Report_LTE Band 13 (10MHz)_Head_Right Touch_CH 23230_QPSK_1-0

Ambient temperature: 22.8°C; Liquid temperature: 21.9°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Right Touch, 0.00	782.0, 23230	9.79	0.89	41.512

Hardware Setup

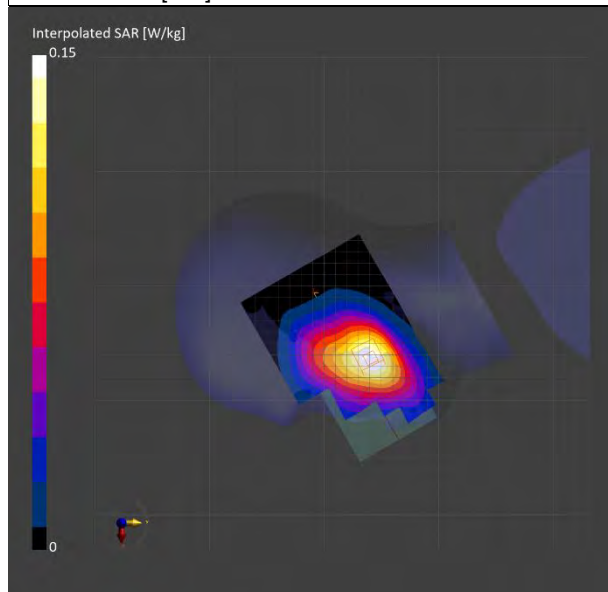
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-05	2024-05-05
psSAR1g [W/kg]	0.131	0.142
psSAR8g [W/kg]	0.094	0.113
psSAR10g [W/kg]	0.090	0.109
Power Drift [dB]	0.02	0.01
M2/M1 [%]		79.5
Dist 3dB Peak [mm]		27.0



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 012

Report No. : TESA2404000214E5

Measurement Report_LTE Band 17 (10MHz)_Head_Right Touch_CH 23790_QPSK_1-0

Ambient temperature: 22.8°C; Liquid temperature: 21.9°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Right Touch, 0.00	710.0, 23790	9.79	0.885	41.886

Hardware Setup

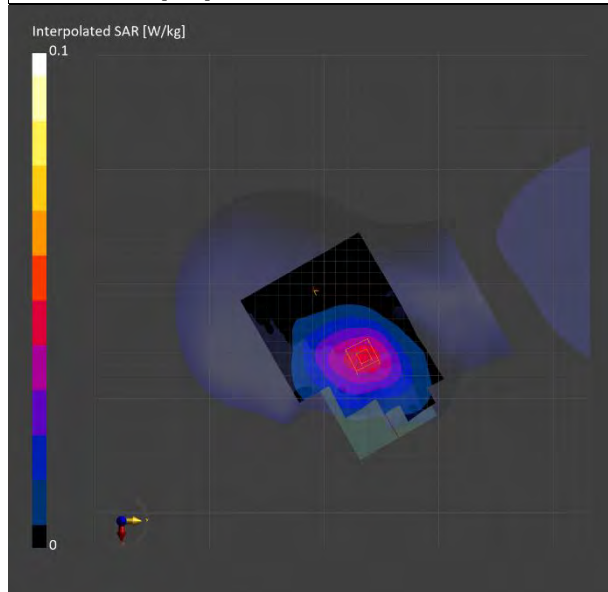
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-05	2024-05-05
psSAR1g [W/kg]	0.041	0.043
psSAR8g [W/kg]	0.030	0.036
psSAR10g [W/kg]	0.029	0.034
Power Drift [dB]	-0.02	-0.05
M2/M1 [%]		85.8
Dist 3dB Peak [mm]		16.0



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 013

Report No. : TESA2404000214E5

Measurement Report_LTE Band 66 (20MHz)_Head_Left Touch_CH 132072_QPSK_1-0

Ambient temperature: 22.9°C; Liquid temperature: 22.0°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Left Touch, 0.00	1720.0, 132072	8.51	1.363	39.863

Hardware Setup

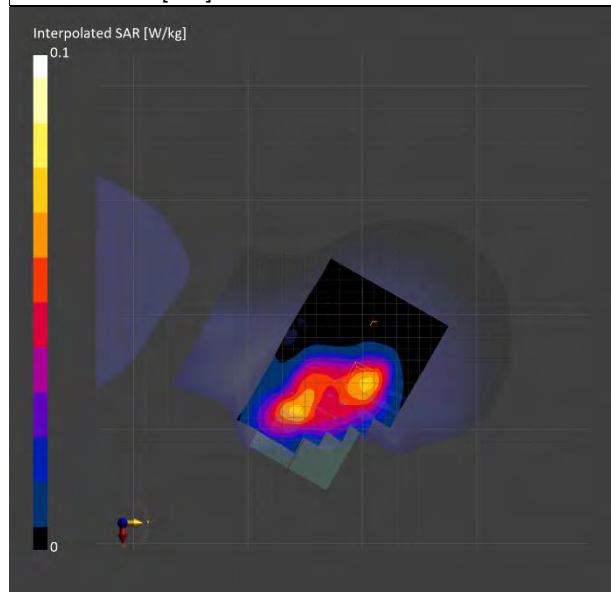
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 240.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-06	2024-05-06
psSAR1g [W/kg]	0.058	0.062
psSAR8g [W/kg]	0.038	0.045
psSAR10g [W/kg]	0.036	0.043
Power Drift [dB]	0.01	-0.06
M2/M1 [%]		71.9
Dist 3dB Peak [mm]		16.7



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 014

Report No. : TESA2404000214E5

Measurement Report_LTE Band 38 (20MHz)_Head_Left Touch_CH 37850_QPSK_1-0

Ambient temperature: 23.1°C; Liquid temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Left Touch, 0.00	2580.0, 37850	7.81	1.942	38.772

Hardware Setup

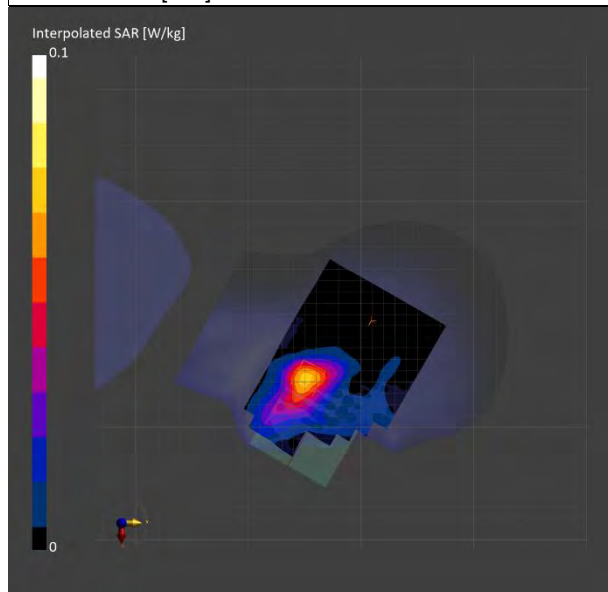
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 240.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-07	2024-05-07
psSAR1g [W/kg]	0.058	0.064
psSAR8g [W/kg]	0.034	0.040
psSAR10g [W/kg]	0.031	0.037
Power Drift [dB]	0.06	0.05
M2/M1 [%]		66.2
Dist 3dB Peak [mm]		14.6



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 015

Report No. : TESA2404000214E5

Measurement Report_LTE Band 41 (20MHz)_Head_Left Touch_CH 41490_QPSK_1-0

Ambient temperature: 23.1°C; Liquid temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Left Touch, 0.00	2680.0, 41490	7.81	2.034	38.644

Hardware Setup

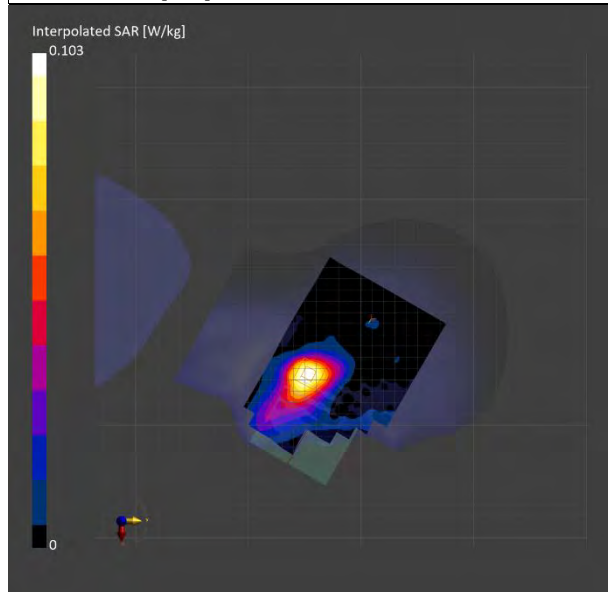
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 240.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-07	2024-05-07
psSAR1g [W/kg]	0.082	0.080
psSAR8g [W/kg]	0.047	0.050
psSAR10g [W/kg]	0.043	0.047
Power Drift [dB]	0.03	0.01
M2/M1 [%]		58.0
Dist 3dB Peak [mm]		16.4



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 016

Report No. : TESA2404000214E5

Measurement Report_NR n5 (20MHz)_Head_Right Touch_CH 167300_BPSK_1-1

Ambient temperature: 22.8°C; Liquid temperature: 21.9°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Right Touch, 0.00	836.5, 167300	9.71	0.905	41.284

Hardware Setup

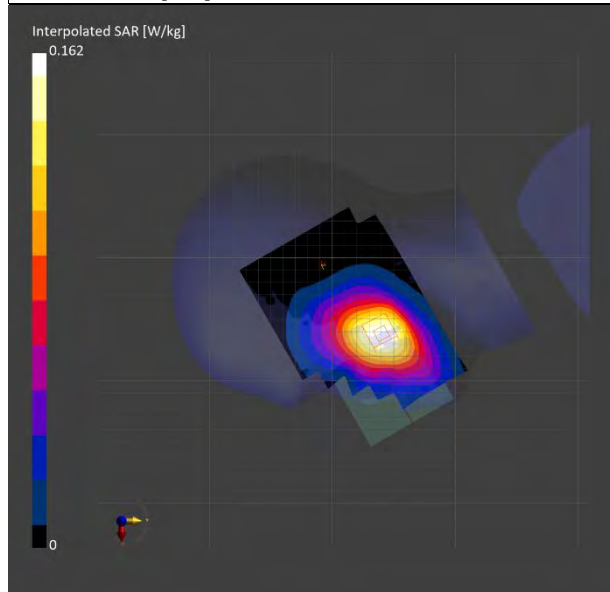
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 240.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-05	2024-05-05
psSAR1g [W/kg]	0.142	0.150
psSAR8g [W/kg]	0.102	0.120
psSAR10g [W/kg]	0.097	0.116
Power Drift [dB]	0.02	0.01
M2/M1 [%]		76.0
Dist 3dB Peak [mm]		16.0



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 017

Report No. : TESA2404000214E5

Measurement Report_NR n66 (40MHz)_Head_Right Touch_CH 349000_BPSK_1-1

Ambient temperature: 22.9°C; Liquid temperature: 22.0°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Right Touch, 0.00	1745.0, 349000	8.51	1.378	39.824

Hardware Setup

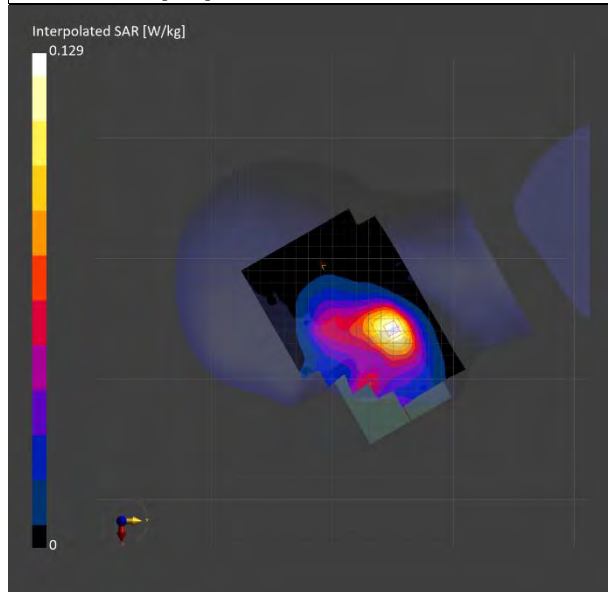
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 240.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-06	2024-05-06
psSAR1g [W/kg]	0.105	0.109
psSAR8g [W/kg]	0.067	0.078
psSAR10g [W/kg]	0.062	0.074
Power Drift [dB]	0.02	-0.01
M2/M1 [%]		72.3
Dist 3dB Peak [mm]		15.5



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 018

Report No. : TESA2404000214E5

Measurement Report_NR n41 (100MHz)_Head_Right Touch_CH 528000_BPSK_1-1

Ambient temperature: 23.1°C; Liquid temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Right Touch, 0.00	2640.0, 528000	7.81	1.997	38.695

Hardware Setup

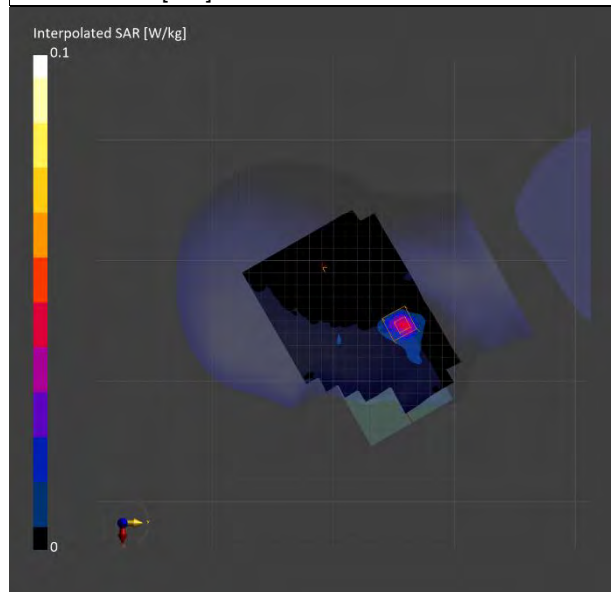
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 240.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-07	2024-05-07
psSAR1g [W/kg]	0.033	0.078
psSAR8g [W/kg]	0.016	0.013
psSAR10g [W/kg]	0.014	0.012
Power Drift [dB]	-0.03	0.006
M2/M1 [%]		53.3
Dist 3dB Peak [mm]		6.7



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 019

Report No. : TESA2404000214E5

Measurement Report_WLAN 802.11n(40M) 2.4G_Head_Right Tilt_CH 3_Ant 4+8

Ambient temperature: 22.3°C; Liquid temperature: 21.7°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Right, HSL	Right Tilt, 0.00	2422.0, 3	8.16	1.802	39.006

Hardware Setup

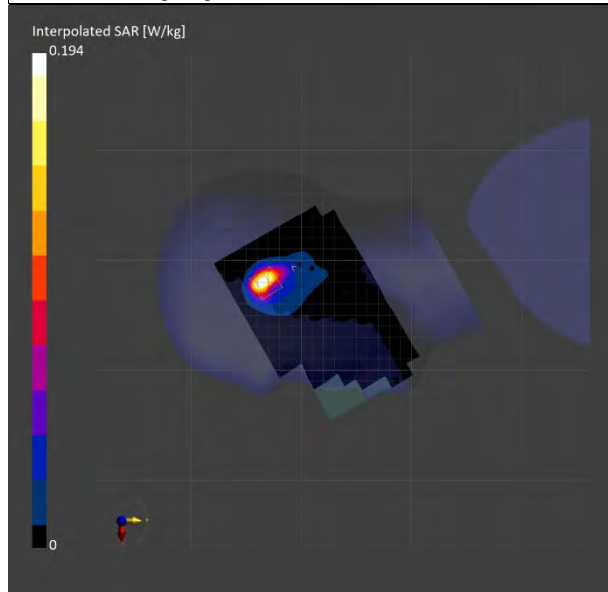
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-08	2024-05-08
psSAR1g [W/kg]	0.145	0.147
psSAR8g [W/kg]	0.071	0.068
psSAR10g [W/kg]	0.064	0.061
Power Drift [dB]	0.02	0.06
M2/M1 [%]		54.7
Dist 3dB Peak [mm]		5.5



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 020

Report No. : TESA2404000214E5

Measurement Report_WLAN 802.11b_Head_Right Tilt_CH 1_Ant 4+8

Ambient temperature: 22.3°C; Liquid temperature: 21.7°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Right, HSL	Right Tilt, 0.00	2412.0, 1	8.16	1.793	39.024

Hardware Setup

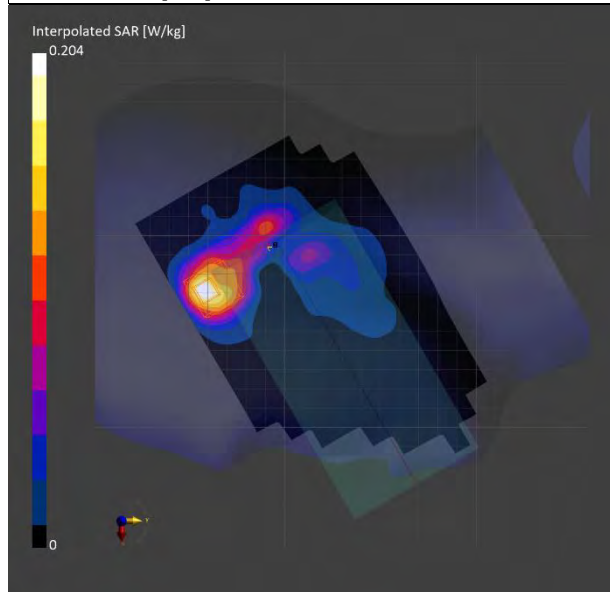
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-08	2024-05-08
psSAR1g [W/kg]	0.149	0.145
psSAR8g [W/kg]	0.081	0.078
psSAR10g [W/kg]	0.075	0.073
Power Drift [dB]	0.02	0.04
M2/M1 [%]		59.5
Dist 3dB Peak [mm]		6.4



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 021

Report No. : TESA2404000214E5

Measurement Report_Bluetooth(GFSK)_Head_Left Touch_CH 39_Ant 4

Ambient temperature: 22.3°C; Liquid temperature: 21.7°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Left, HSL	Left Touch, 0.00	2441.0, 39	8.16	1.818	38.972

Hardware Setup

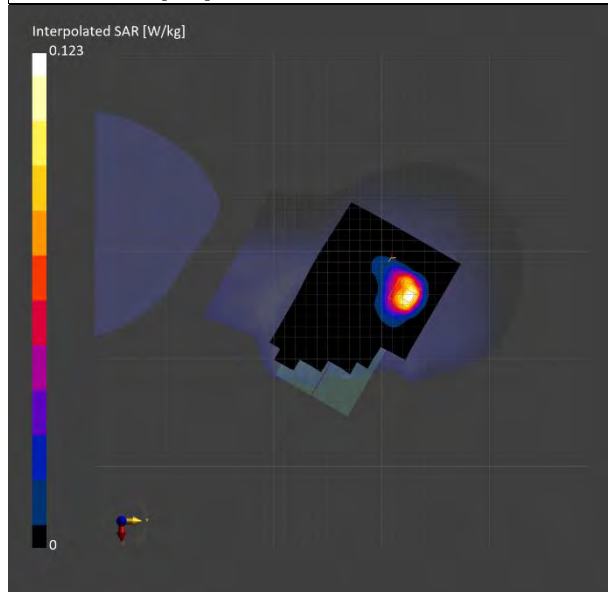
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 216.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-08	2024-05-08
psSAR1g [W/kg]	0.090	0.101
psSAR8g [W/kg]	0.049	0.050
psSAR10g [W/kg]	0.045	0.046
Power Drift [dB]	0.02	0.05
M2/M1 [%]		55.8
Dist 3dB Peak [mm]		7.3



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 022

Report No. : TESA2404000214E5

Measurement Report_WLAN 802.11ac(160M) 5.2G_Head_Left Touch_CH 50_Ant 4+8

Ambient temperature: 22.2°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Left, HSL	Left Touch, 0.00	5250.0, 50	5.46	4.701	35.685

Hardware Setup

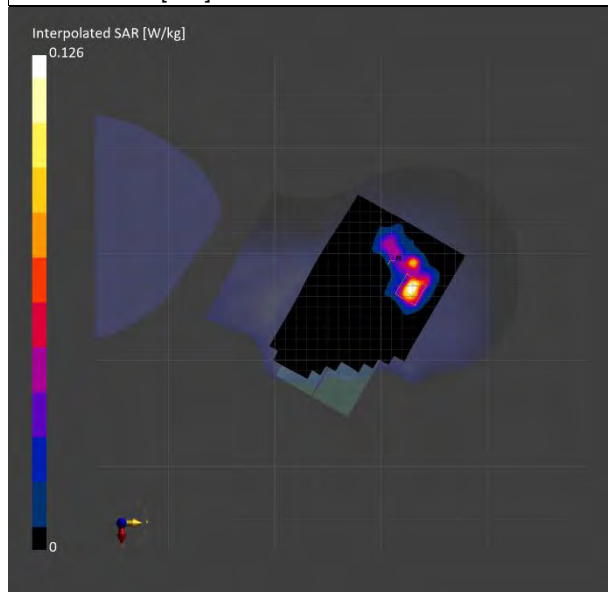
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 220.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-09	2024-05-09
psSAR1g [W/kg]	0.081	0.093
psSAR8g [W/kg]	0.032	0.030
psSAR10g [W/kg]	0.028	0.026
Power Drift [dB]	0.04	0.02
M2/M1 [%]		52.1
Dist 3dB Peak [mm]		6.2



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 023

Report No. : TESA2404000214E5

Measurement Report_WLAN 802.11ac(80M) 5.3G_Head_Left Touch_CH 58_Ant 4+8

Ambient temperature: 22.2°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Left, HSL	Left Touch, 0.00	5290.0, 58	5.46	4.742	35.639

Hardware Setup

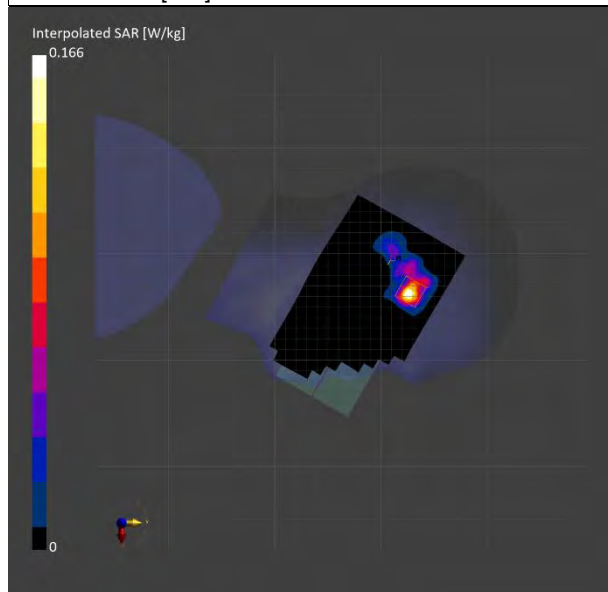
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 220.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-09	2024-05-09
psSAR1g [W/kg]	0.106	0.096
psSAR8g [W/kg]	0.039	0.032
psSAR10g [W/kg]	0.035	0.028
Power Drift [dB]	0.03	-0.03
M2/M1 [%]		58.8
Dist 3dB Peak [mm]		5.7



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 024

Report No. : TESA2404000214E5

Measurement Report_WLAN 802.11ac(160M) 5.6G_Head_Left Touch_CH 114_Ant 4+8

Ambient temperature: 22.2°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Left, HSL	Left Touch, 0.00	5570.0, 114	4.86	5.029	35.319

Hardware Setup

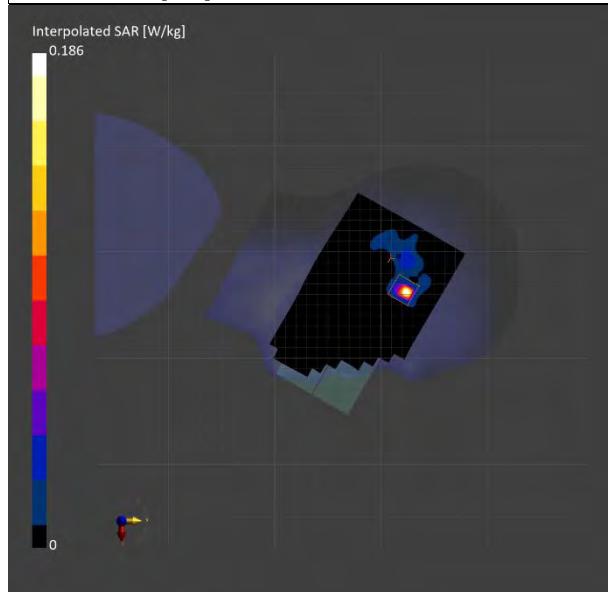
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 220.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-09	2024-05-09
psSAR1g [W/kg]	0.096	0.118
psSAR8g [W/kg]	0.027	0.029
psSAR10g [W/kg]	0.023	0.024
Power Drift [dB]	0.02	0.01
M2/M1 [%]		59.7
Dist 3dB Peak [mm]		4.7



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 025

Report No. : TESA2404000214E5

Measurement Report_WLAN 802.11ac(80M) 5.8G_Head_Left Touch_CH 155_Ant 4+8

Ambient temperature: 22.2°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Left, HSL	Left Touch, 0.00	5775.0, 155	5.01	5.239	35.085

Hardware Setup

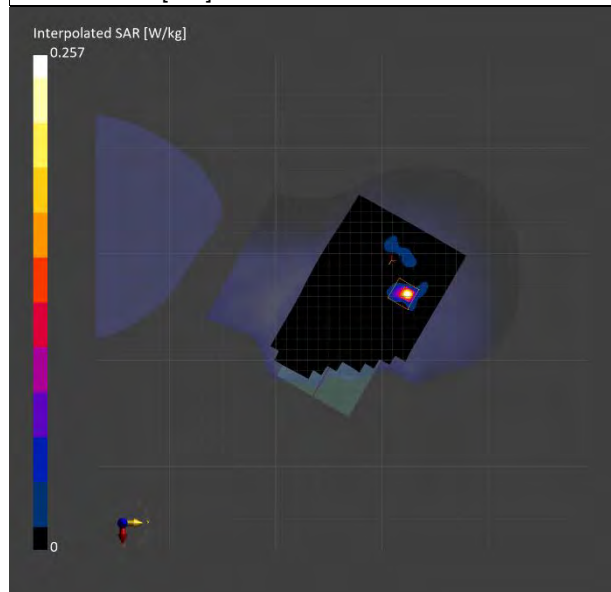
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 220.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-09	2024-05-09
psSAR1g [W/kg]	0.130	0.139
psSAR8g [W/kg]	0.035	0.030
psSAR10g [W/kg]	0.030	0.024
Power Drift [dB]	0.06	0.04
M2/M1 [%]		59.9
Dist 3dB Peak [mm]		5.6



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 026

Report No. : TESA2404000214E5

Measurement Report_Bluetooth(GFSK)_Head_Right Touch_CH 39_Ant 8

Ambient temperature: 22.3°C; Liquid temperature: 21.7°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Right, HSL	Right Touch, 0.00	2441.0, 39	8.16	1.818	38.972

Hardware Setup

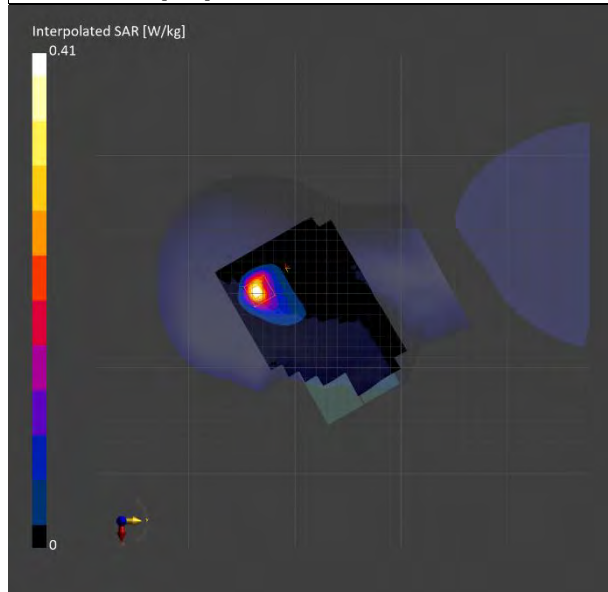
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 240.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-08	2024-05-08
psSAR1g [W/kg]	0.289	0.310
psSAR8g [W/kg]	0.142	0.140
psSAR10g [W/kg]	0.128	0.126
Power Drift [dB]	0.02	0.01
M2/M1 [%]		56.3
Dist 3dB Peak [mm]		5.7



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 027

Report No. : TESA2404000214E5

Measurement Report_GPRS850_Body_Back Surface_CH 251

Ambient temperature: 22.5°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	848.8, 251	9.71	0.91	41.26

Hardware Setup

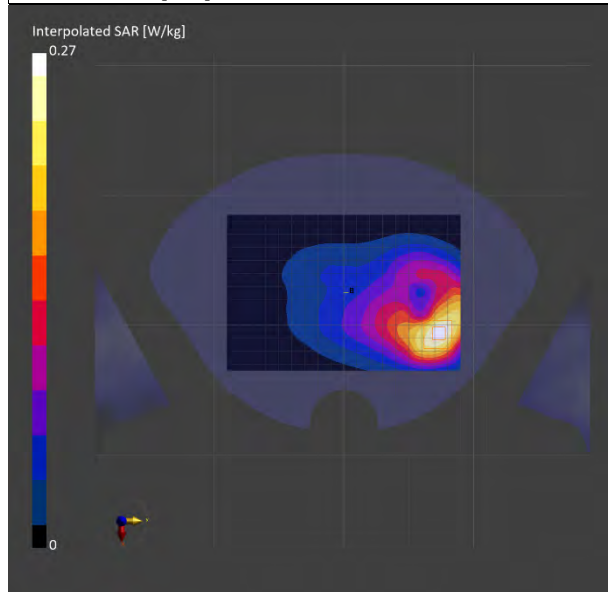
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-01	2024-05-01
psSAR1g [W/kg]	0.230	0.247
psSAR8g [W/kg]	0.158	0.160
psSAR10g [W/kg]	0.149	0.151
Power Drift [dB]	-0.06	-0.01
M2/M1 [%]		57.2
Dist 3dB Peak [mm]		12.9



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 028

Report No. : TESA2404000214E5

Measurement Report_GSM1900_Body_Back Surface_CH 512

Ambient temperature: 22.6°C; Liquid temperature: 21.5°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	1850.2, 512	8.28	1.413	39.756

Hardware Setup

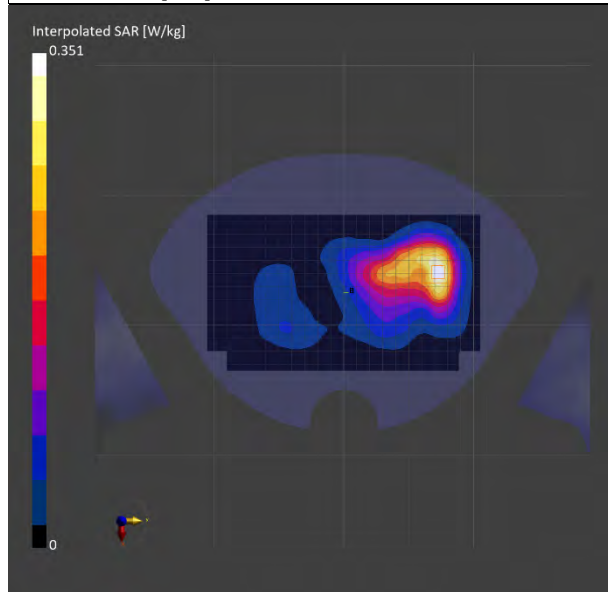
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-03	2024-05-03
psSAR1g [W/kg]	0.279	0.297
psSAR8g [W/kg]	0.171	0.172
psSAR10g [W/kg]	0.159	0.159
Power Drift [dB]	-0.03	-0.06
M2/M1 [%]		54.3
Dist 3dB Peak [mm]		12.2



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 029

Report No. : TESA2404000214E5

Measurement Report_WCDMA Band II_Body_Back Surface_CH 9400

Ambient temperature: 22.6°C; Liquid temperature: 21.5°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	1880.0, 9400	8.28	1.414	39.756

Hardware Setup

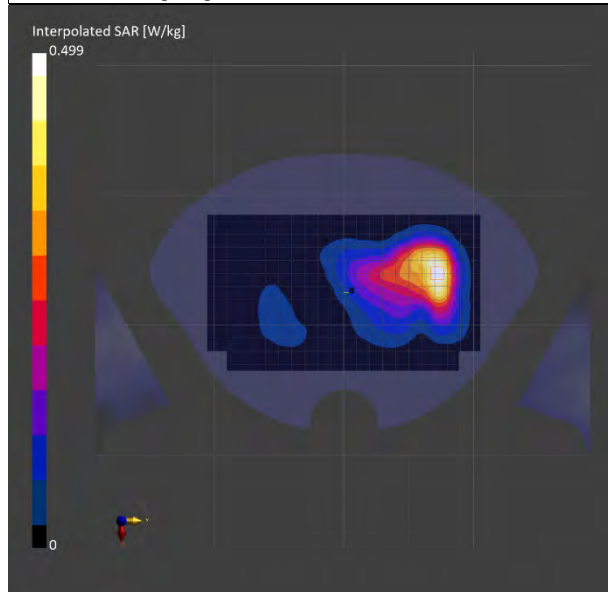
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-03	2024-05-03
psSAR1g [W/kg]	0.401	0.453
psSAR8g [W/kg]	0.247	0.261
psSAR10g [W/kg]	0.231	0.241
Power Drift [dB]	-0.01	-0.05
M2/M1 [%]		54.5
Dist 3dB Peak [mm]		11.4



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 030

Report No. : TESA2404000214E5

Measurement Report_WCDMA Band IV_Body_Back Surface_CH 1513

Ambient temperature: 22.4°C; Liquid temperature: 21.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	1752.6, 1513	8.51	1.383	39.83

Hardware Setup

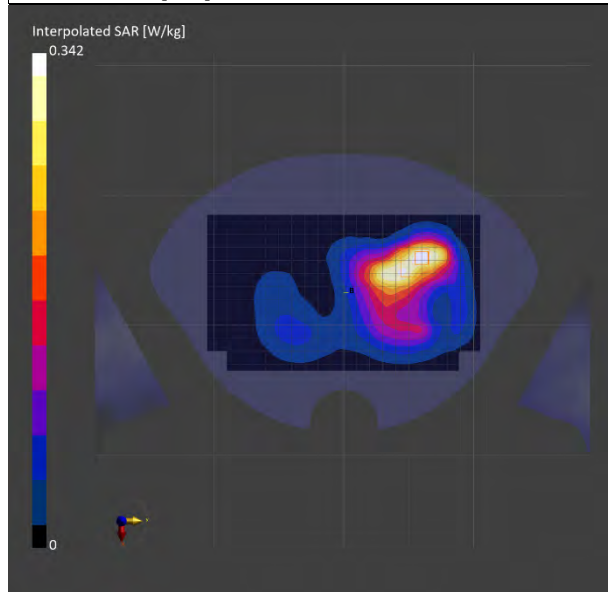
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-02	2024-05-02
psSAR1g [W/kg]	0.278	0.306
psSAR8g [W/kg]	0.174	0.196
psSAR10g [W/kg]	0.163	0.182
Power Drift [dB]	-0.03	-0.04
M2/M1 [%]		65.8
Dist 3dB Peak [mm]		11.6



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 031

Report No. : TESA2404000214E5

Measurement Report_WCDMA Band V_Body_Back Surface_CH 4183

Ambient temperature: 22.5°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	836.6, 4183	9.71	0.906	41.303

Hardware Setup

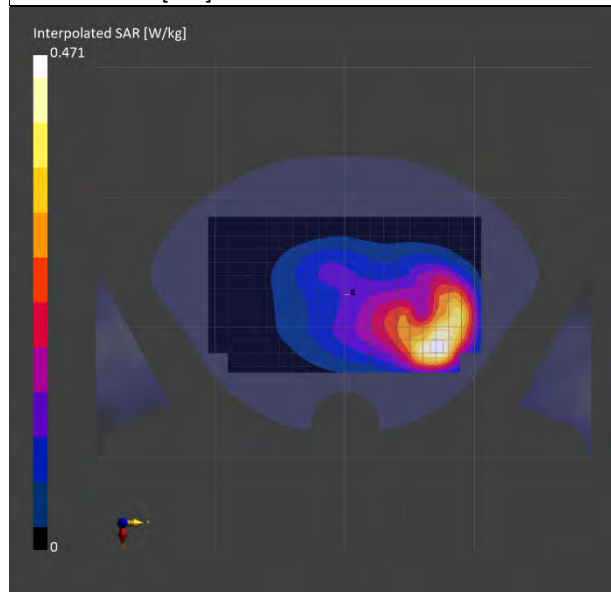
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-01	2024-05-01
psSAR1g [W/kg]	0.403	0.418
psSAR8g [W/kg]	0.279	0.273
psSAR10g [W/kg]	0.263	0.257
Power Drift [dB]	-0.05	-0.02
M2/M1 [%]		58.8
Dist 3dB Peak [mm]		12.2



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 032

Report No. : TESA2404000214E5

Measurement Report_LTE Band 2 (20MHz)_Body_Back Surface_CH 19100_QPSK_1-0

Ambient temperature: 22.6°C; Liquid temperature: 21.5°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	1900.0, 19100	8.28	1.415	39.756

Hardware Setup

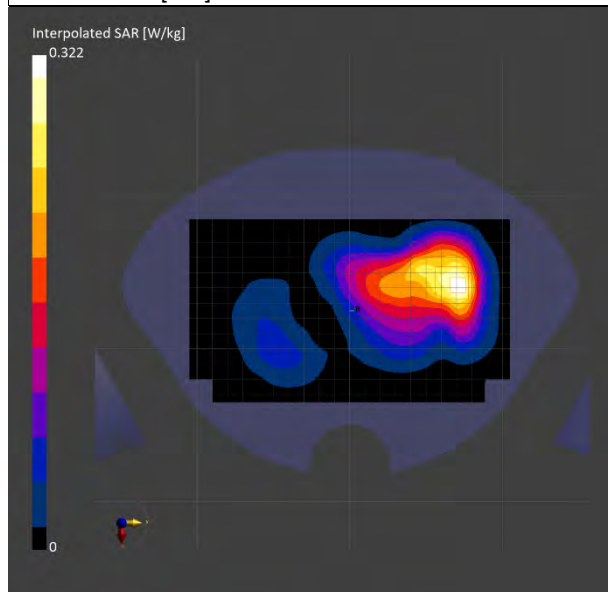
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-03	2024-05-03
psSAR1g [W/kg]	0.262	0.298
psSAR8g [W/kg]	0.163	0.176
psSAR10g [W/kg]	0.152	0.163
Power Drift [dB]	-0.03	-0.01
M2/M1 [%]		54.2
Dist 3dB Peak [mm]		12.9



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 033

Report No. : TESA2404000214E5

Measurement Report_LTE Band 4 (20MHz)_Body_Back Surface_CH 20300_QPSK_1-0

Ambient temperature: 22.4°C; Liquid temperature: 21.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	1745.0, 20300	8.51	1.378	39.843

Hardware Setup

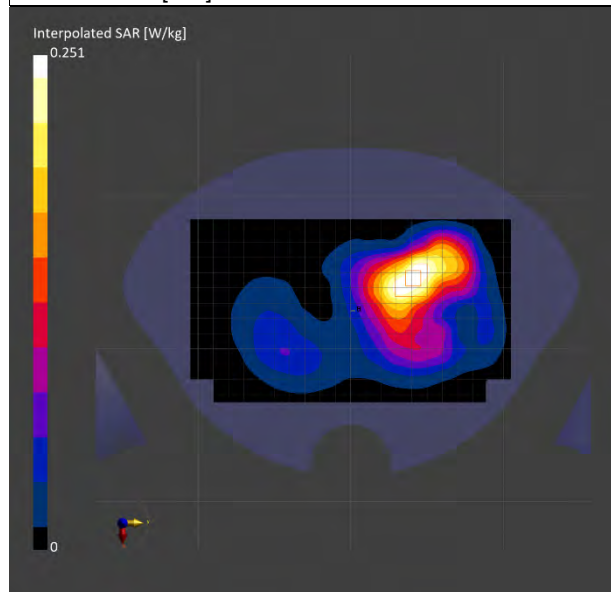
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-02	2024-05-02
psSAR1g [W/kg]	0.213	0.252
psSAR8g [W/kg]	0.138	0.164
psSAR10g [W/kg]	0.130	0.153
Power Drift [dB]	-0.05	-0.03
M2/M1 [%]		64.8
Dist 3dB Peak [mm]		14.4



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 034

Report No. : TESA2404000214E5

Measurement Report_LTE Band 5 (10MHz)_Body_Back Surface_CH 20450_QPSK_1-0

Ambient temperature: 22.5 °C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	829.0, 20450	9.71	0.903	41.332

Hardware Setup

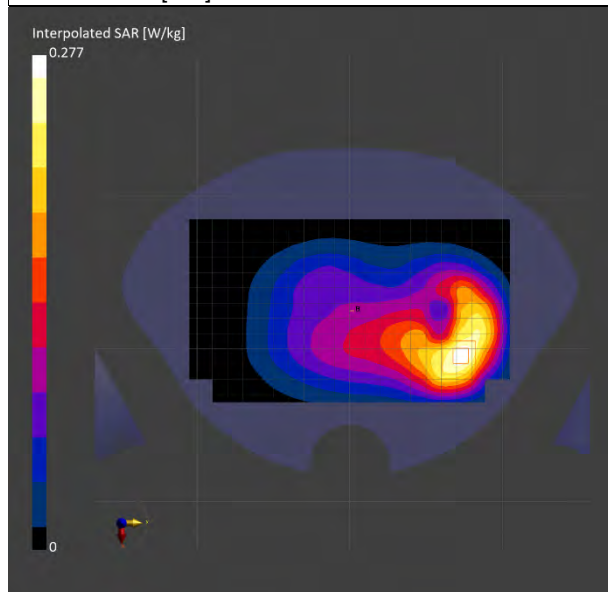
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-01	2024-05-01
psSAR1g [W/kg]	0.235	0.250
psSAR8g [W/kg]	0.162	0.164
psSAR10g [W/kg]	0.153	0.155
Power Drift [dB]	-0.01	0.03
M2/M1 [%]		59.7
Dist 3dB Peak [mm]		12.5



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 035

Report No. : TESA2404000214E5

Measurement Report_LTE Band 7 (20MHz)_Body_Front Surface_CH 20850_QPSK_1-0

Ambient temperature: 22.7°C; Liquid temperature: 21.8°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Front Surface, 10.00	2510.0, 20850	7.81	1.88	38.88

Hardware Setup

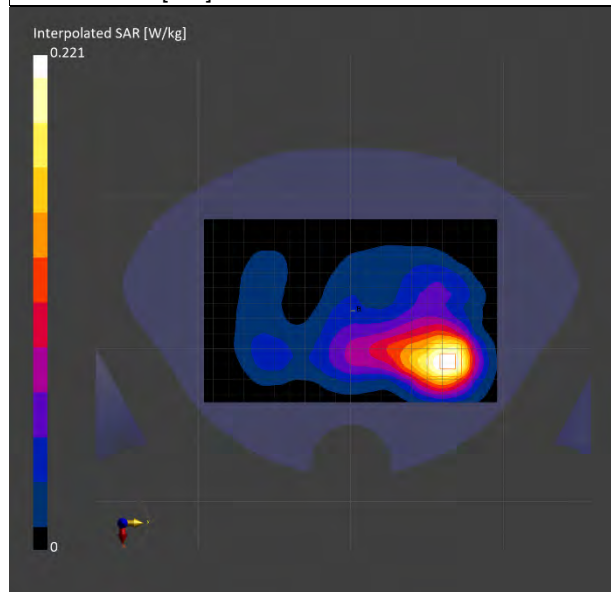
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-04	2024-05-04
psSAR1g [W/kg]	0.180	0.183
psSAR8g [W/kg]	0.106	0.107
psSAR10g [W/kg]	0.099	0.10
Power Drift [dB]	-0.02	-0.05
M2/M1 [%]		53.9
Dist 3dB Peak [mm]		13.5



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 036

Report No. : TESA2404000214E5

Measurement Report_LTE Band 12 (10MHz)_Body_Back Surface_CH 23095_QPSK_1-0

Ambient temperature: 22.1°C; Liquid temperature: 21.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	707.5, 23095	9.79	0.885	41.916

Hardware Setup

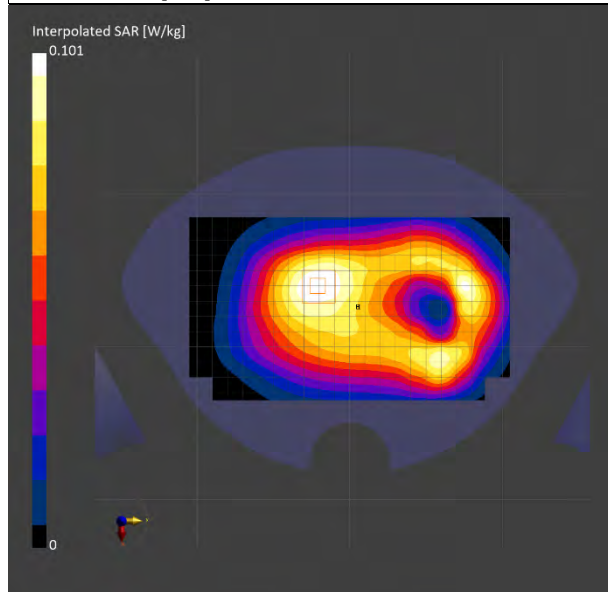
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-04-30	2024-04-30
psSAR1g [W/kg]	0.089	0.088
psSAR8g [W/kg]	0.066	0.068
psSAR10g [W/kg]	0.063	0.065
Power Drift [dB]	-0.04	-0.04
M2/M1 [%]		74.3
Dist 3dB Peak [mm]		16.0



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 037

Report No. : TESA2404000214E5

Measurement Report_LTE Band 13 (10MHz)_Body_Back Surface_CH 23230_QPSK_1-0

Ambient temperature: 22.1°C; Liquid temperature: 21.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	782.0, 23230	9.79	0.891	41.531

Hardware Setup

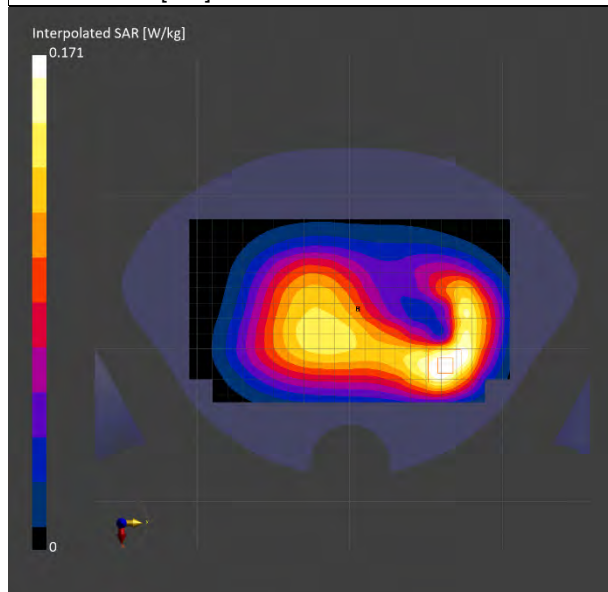
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-04-30	2024-04-30
psSAR1g [W/kg]	0.151	0.170
psSAR8g [W/kg]	0.107	0.109
psSAR10g [W/kg]	0.101	0.102
Power Drift [dB]	-0.04	-0.05
M2/M1 [%]		60.4
Dist 3dB Peak [mm]		12.9



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 038

Report No. : TESA2404000214E5

Measurement Report_LTE Band 17 (10MHz)_Body_Back Surface_CH 23790_QPSK_1-0

Ambient temperature: 22.1°C; Liquid temperature: 21.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	710.0, 23790	9.79	0.886	41.905

Hardware Setup

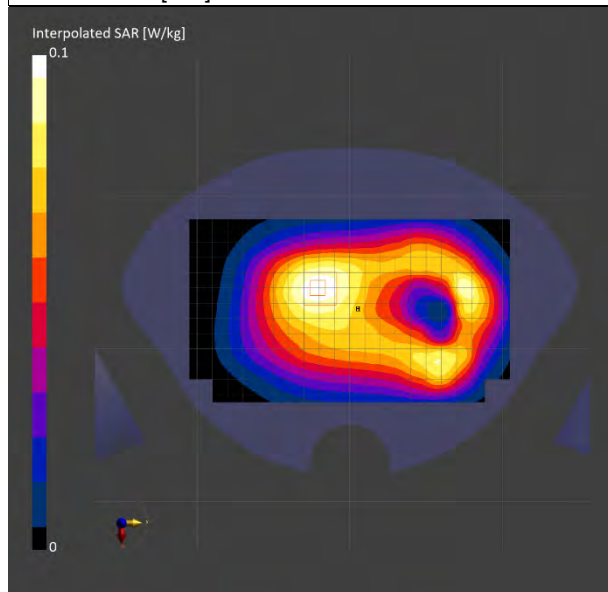
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-04-30	2024-04-30
psSAR1g [W/kg]	0.086	0.089
psSAR8g [W/kg]	0.063	0.068
psSAR10g [W/kg]	0.060	0.065
Power Drift [dB]	-0.05	-0.06
M2/M1 [%]		68.7
Dist 3dB Peak [mm]		16.3



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 039

Report No. : TESA2404000214E5

Measurement Report_LTE Band 66 (20MHz)_Body_Back Surface_CH 132072_QPSK_1-0

Ambient temperature: 22.4°C; Liquid temperature: 21.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	1720.0, 132072	8.51	1.364	39.882

Hardware Setup

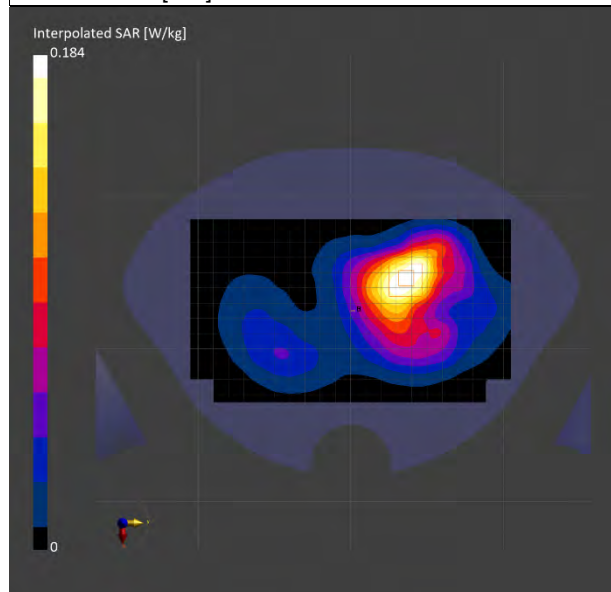
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-02	2024-05-02
psSAR1g [W/kg]	0.158	0.172
psSAR8g [W/kg]	0.103	0.116
psSAR10g [W/kg]	0.097	0.109
Power Drift [dB]	-0.03	-0.06
M2/M1 [%]		68.2
Dist 3dB Peak [mm]		16.8



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 040

Report No. : TESA2404000214E5

Measurement Report_LTE Band 38 (20MHz)_Body_Front Surface_CH 37850_QPSK_1-0

Ambient temperature: 22.7°C; Liquid temperature: 21.8°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Front Surface, 10.00	2580.0, 37850	7.81	1.943	38.791

Hardware Setup

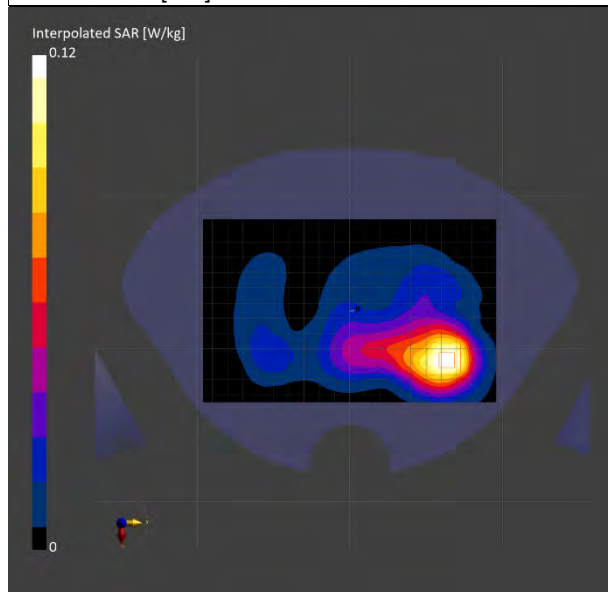
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-04	2024-05-04
psSAR1g [W/kg]	0.097	0.098
psSAR8g [W/kg]	0.057	0.057
psSAR10g [W/kg]	0.053	0.053
Power Drift [dB]	-0.01	-0.02
M2/M1 [%]		52.0
Dist 3dB Peak [mm]		14.0



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 041

Report No. : TESA2404000214E5

Measurement Report_LTE Band 41 (20MHz)_Body_Front Surface_CH 41490_QPSK_1-0

Ambient temperature: 22.7°C; Liquid temperature: 21.8°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Front Surface, 10.00	2680.0, 41490	7.81	2.035	38.663

Hardware Setup

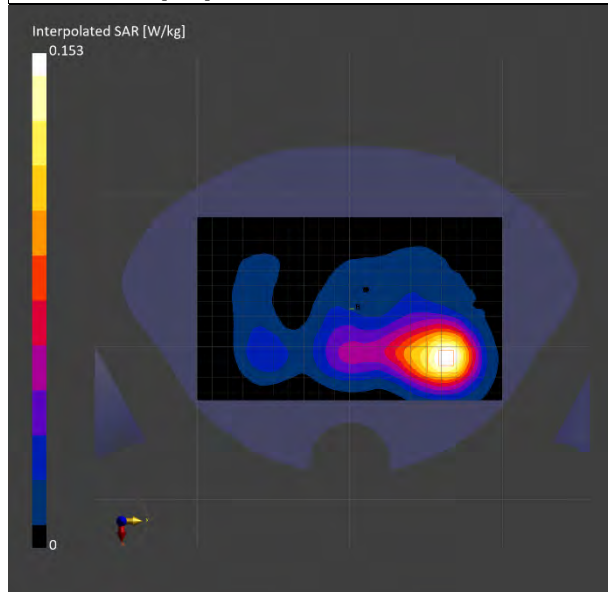
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 1.5
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-04	2024-05-04
psSAR1g [W/kg]	0.123	0.122
psSAR8g [W/kg]	0.072	0.071
psSAR10g [W/kg]	0.066	0.066
Power Drift [dB]	-0.04	-0.01
M2/M1 [%]		83.0
Dist 3dB Peak [mm]		14.2



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 042

Report No. : TESA2404000214E5

Measurement Report_NR n5 (20MHz)_Body_Back Surface_CH 167300_BPSK_1-1

Ambient temperature: 22.5°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	836.5, 167300	9.71	0.906	41.303

Hardware Setup

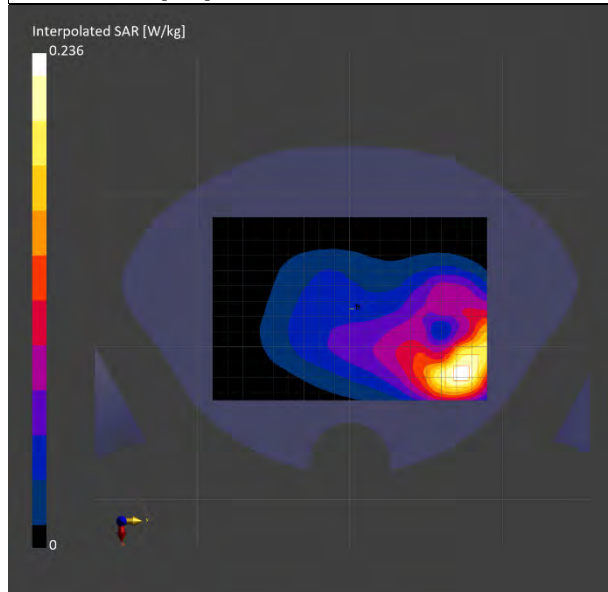
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-01	2024-05-01
psSAR1g [W/kg]	0.199	0.202
psSAR8g [W/kg]	0.136	0.132
psSAR10g [W/kg]	0.128	0.124
Power Drift [dB]	-0.02	-0.01
M2/M1 [%]		60.6
Dist 3dB Peak [mm]		12.5



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 043

Report No. : TESA2404000214E5

Measurement Report_NR n66 (40MHz)_Body_Back Surface_CH 349000_BPSK_1-1

Ambient temperature: 22.4°C; Liquid temperature: 21.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	1745.0, 349000	8.51	1.378	39.843

Hardware Setup

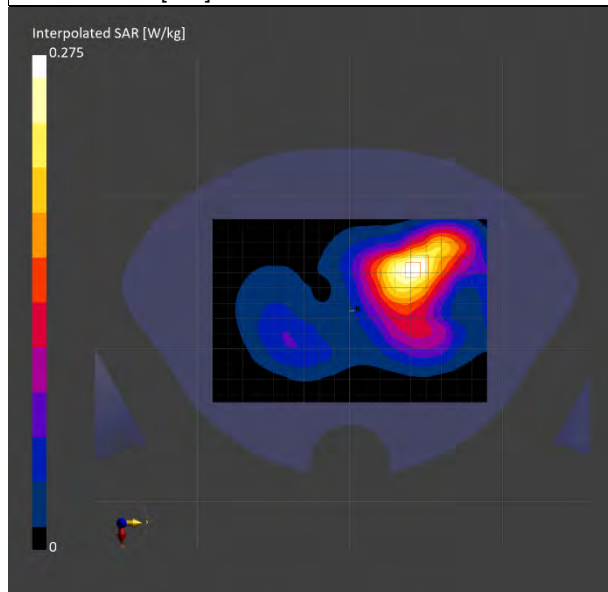
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 180.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-02	2024-05-02
psSAR1g [W/kg]	0.227	0.247
psSAR8g [W/kg]	0.144	0.166
psSAR10g [W/kg]	0.135	0.157
Power Drift [dB]	0.04	-0.05
M2/M1 [%]		65.6
Dist 3dB Peak [mm]		15.2



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 044

Report No. : TESA2404000214E5

Measurement Report_NR n41 (100MHz)_Body_Back Surface_CH 528000_BPSK_1-1

Ambient temperature: 22.7°C; Liquid temperature: 21.8°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	2640.0, 528000	7.81	1.998	38.714

Hardware Setup

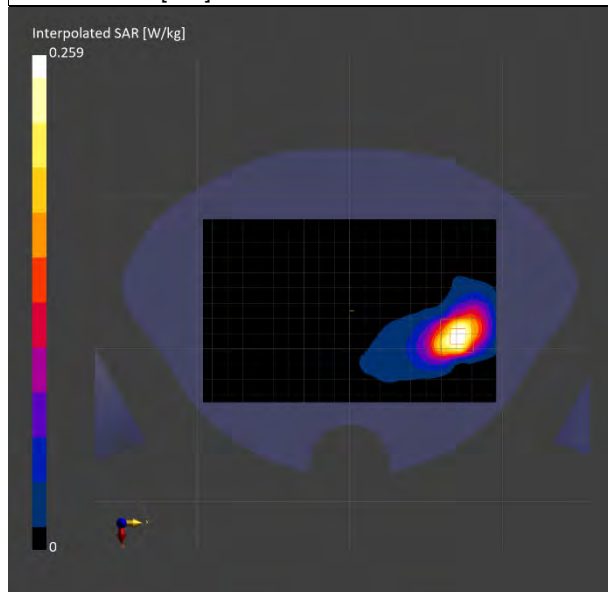
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-04	2024-05-04
psSAR1g [W/kg]	0.120	0.125
psSAR8g [W/kg]	0.067	0.070
psSAR10g [W/kg]	0.061	0.064
Power Drift [dB]	0.03	-0.01
M2/M1 [%]		57.3
Dist 3dB Peak [mm]		9.9



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 045

Report No. : TESA2404000214E5

Measurement Report_WLAN 802.11n(40M) 2.4G_Body_Back Surface_CH 6_10mm_Ant 4+8

Ambient temperature: 22.3°C; Liquid temperature: 21.7°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	2437.0, 6	8.16	1.815	38.979

Hardware Setup

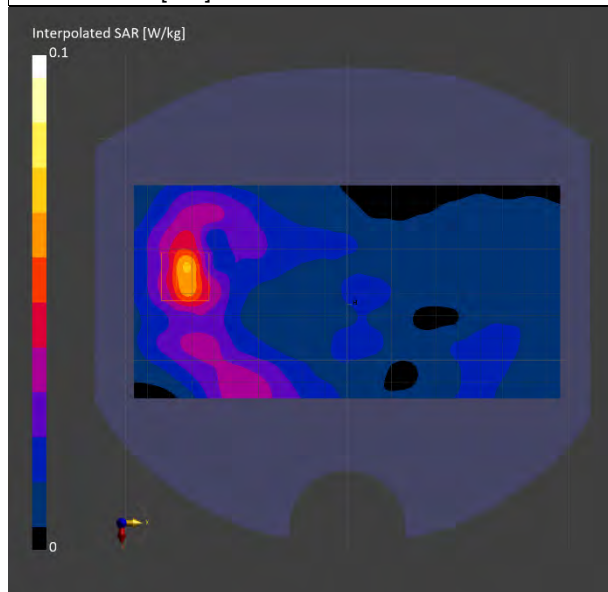
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-08	2024-05-08
psSAR1g [W/kg]	0.035	0.036
psSAR8g [W/kg]	0.019	0.019
psSAR10g [W/kg]	0.018	0.017
Power Drift [dB]	0.02	-0.03
M2/M1 [%]		62.4
Dist 3dB Peak [mm]		8.3



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 046

Report No. : TESA2404000214E5

Measurement Report_WLAN 802.11b_Body_Back Surface_CH 6_10mm_Ant 4+8

Ambient temperature: 22.3°C; Liquid temperature: 21.7°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	2437.0, 6	8.16	1.815	38.979

Hardware Setup

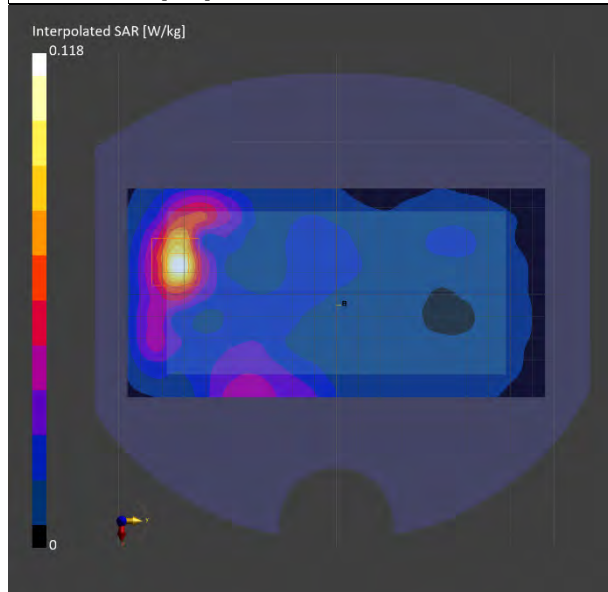
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-08	2024-05-08
psSAR1g [W/kg]	0.086	0.084
psSAR8g [W/kg]	0.044	0.045
psSAR10g [W/kg]	0.040	0.041
Power Drift [dB]	-0.03	-0.01
M2/M1 [%]		58.7
Dist 3dB Peak [mm]		7.7



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 047

Report No. : TESA2404000214E5

Measurement Report_Bluetooth(GFSK)_Body_Back Surface_CH 39_10mm_Ant 4

Ambient temperature: 22.3°C; Liquid temperature: 21.7°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	2441.0, 39	8.16	1.818	38.972

Hardware Setup

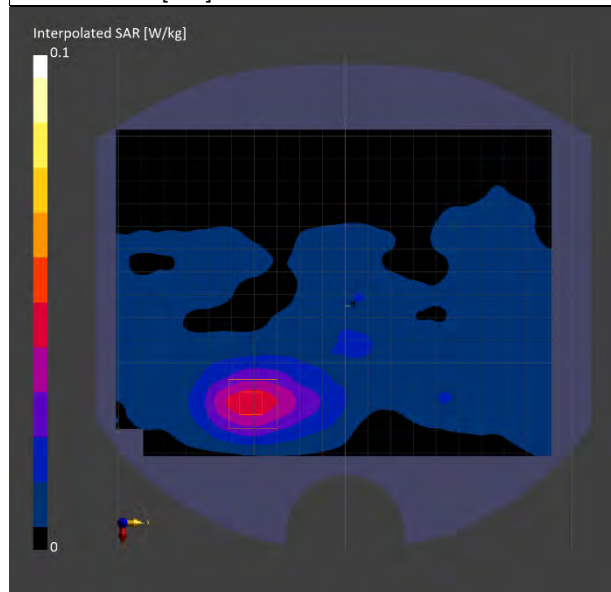
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-08	2024-05-08
psSAR1g [W/kg]	0.038	0.039
psSAR8g [W/kg]	0.022	0.024
psSAR10g [W/kg]	0.020	0.023
Power Drift [dB]	0.06	-0.04
M2/M1 [%]		63.6
Dist 3dB Peak [mm]		11.7



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 048

Report No. : TESA2404000214E5

Measurement Report_WLAN 802.11ac(160M) 5.2G_Body_Back Surface_CH 50_10mm_Ant 4+8

Ambient temperature: 22.2°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	5250.0, 50	5.46	4.701	35.685

Hardware Setup

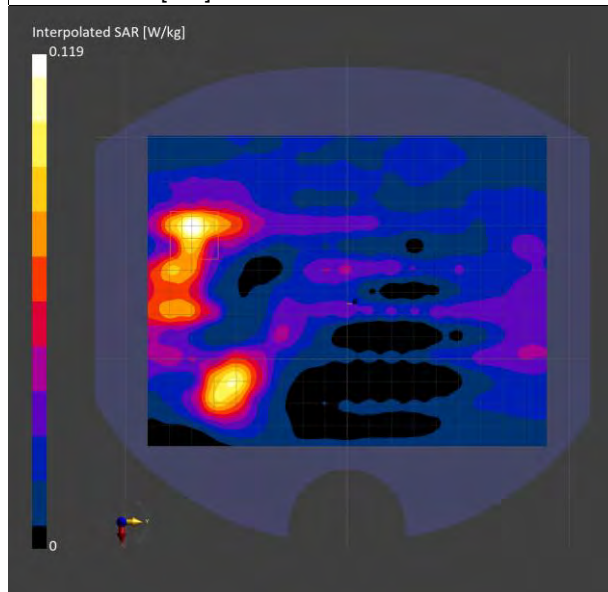
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-09	2024-05-09
psSAR1g [W/kg]	0.081	0.071
psSAR8g [W/kg]	0.033	0.036
psSAR10g [W/kg]	0.030	0.033
Power Drift [dB]	0.04	-0.04
M2/M1 [%]		62.6
Dist 3dB Peak [mm]		7.9



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.
除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 049

Report No. : TESA2404000214E5

Measurement Report_WLAN 802.11ac(80M) 5.3G_Body_Back Surface_CH 58_10mm_Ant 4+8

Ambient temperature: 22.2°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	5290.0, 58	5.46	4.742	35.639

Hardware Setup

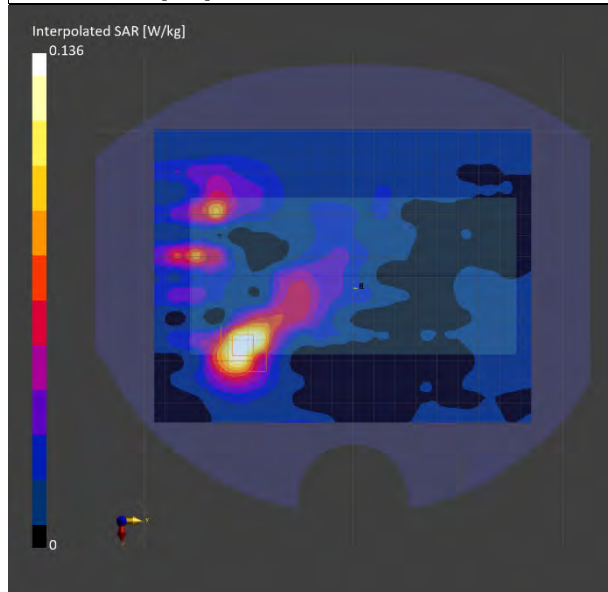
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-09	2024-05-09
psSAR1g [W/kg]	0.100	0.102
psSAR8g [W/kg]	0.043	0.047
psSAR10g [W/kg]	0.038	0.043
Power Drift [dB]	0.06	0.05
M2/M1 [%]		58.9
Dist 3dB Peak [mm]		5.7



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 050

Report No. : TESA2404000214E5

Measurement Report_WLAN 802.11ac(160M) 5.6G_Body_Back Surface_CH 114_10mm_Ant 4+8

Ambient temperature: 22.2°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	5570.0, 114	4.86	5.029	35.319

Hardware Setup

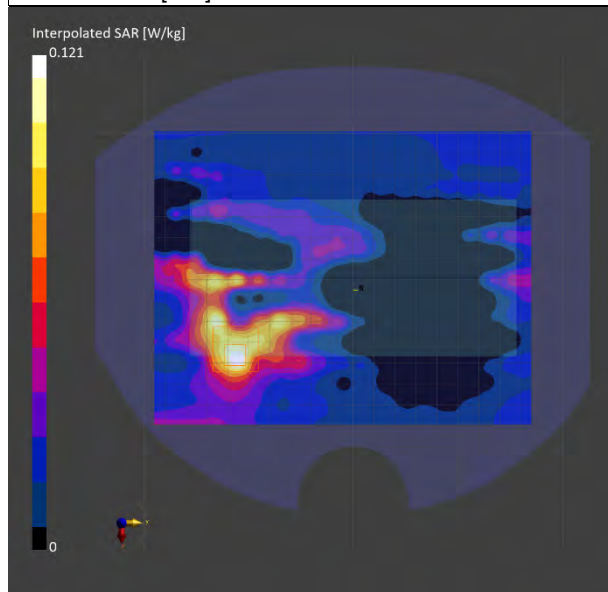
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-09	2024-05-09
psSAR1g [W/kg]	0.086	0.078
psSAR8g [W/kg]	0.038	0.030
psSAR10g [W/kg]	0.035	0.027
Power Drift [dB]	0.01	0.03
M2/M1 [%]		78.4
Dist 3dB Peak [mm]		4.4



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 051

Report No. : TESA2404000214E5

Measurement Report_WLAN 802.11ac(80M) 5.8G_Body_Back Surface_CH 155_10mm_Ant 4+8

Ambient temperature: 22.2°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	5775.0, 155	5.01	5.239	35.085

Hardware Setup

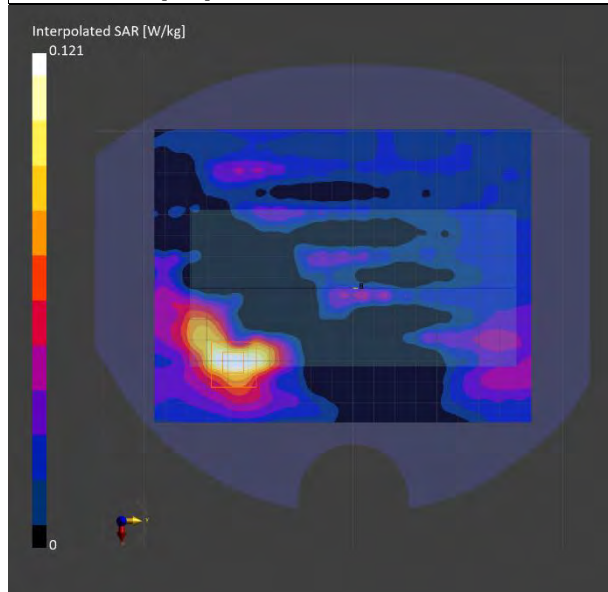
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	140.0 x 180.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-09	2024-05-09
psSAR1g [W/kg]	0.088	0.061
psSAR8g [W/kg]	0.039	0.032
psSAR10g [W/kg]	0.035	0.030
Power Drift [dB]	0.03	0.01
M2/M1 [%]		61.6
Dist 3dB Peak [mm]		4.8



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 052

Report No. : TESA2404000214E5

Measurement Report_Bluetooth(GFSK)_Body_Back Surface_CH 39_10mm_Ant 8

Ambient temperature: 22.3°C; Liquid temperature: 21.7°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	2441.0, 39	8.16	1.818	38.972

Hardware Setup

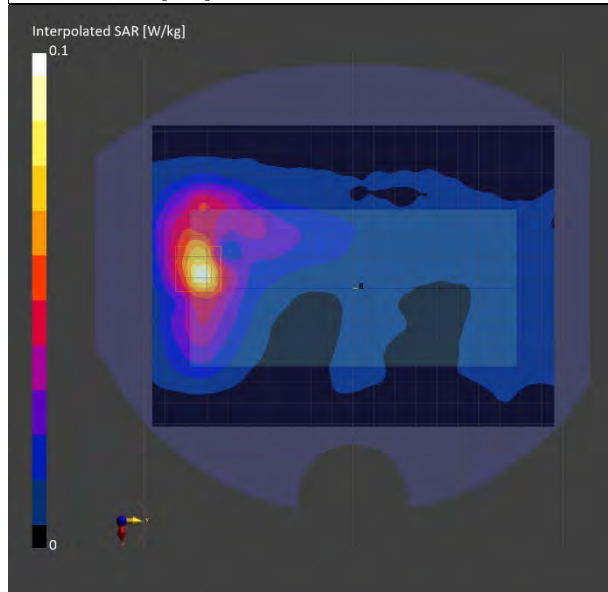
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	144.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-08	2024-05-08
psSAR1g [W/kg]	0.070	0.073
psSAR8g [W/kg]	0.037	0.039
psSAR10g [W/kg]	0.033	0.036
Power Drift [dB]	0.02	-0.01
M2/M1 [%]		59.1
Dist 3dB Peak [mm]		7.3



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 053

Report No. : TESA2404000214E5

Measurement Report_WLAN 802.11ac(80M) 5.3G_Limb_Back Surface_CH 58_Ant 4+8

Ambient temperature: 22.2°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 0.00	5290.0, 58	5.46	4.742	35.639

Hardware Setup

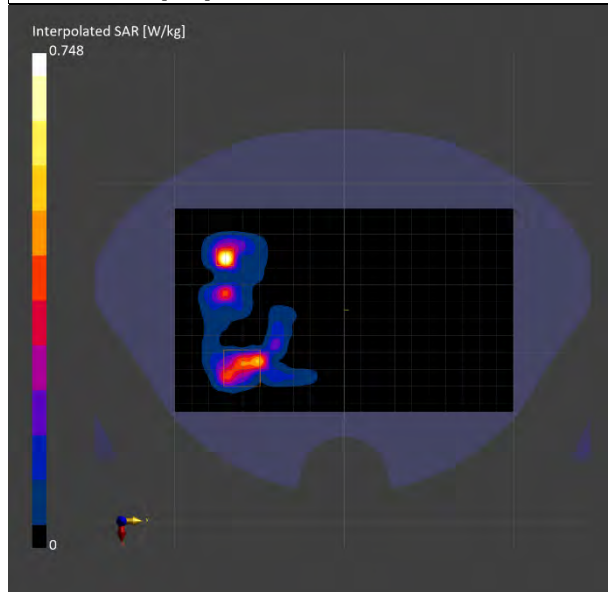
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 200.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-09	2024-05-09
psSAR1g [W/kg]	0.396	0.458
psSAR8g [W/kg]	0.123	0.146
psSAR10g [W/kg]	0.109	0.128
Power Drift [dB]	0.05	0.02
M2/M1 [%]		59.3
Dist 3dB Peak [mm]		8.6



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 054

Report No. : TESA2404000214E5

Measurement Report_WLAN 802.11ac(160M) 5.6G_Limb_Back Surface_CH 114_Ant 4+8

Ambient temperature: 22.2°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 0.00	5570.0, 114	4.86	5.029	35.319

Hardware Setup

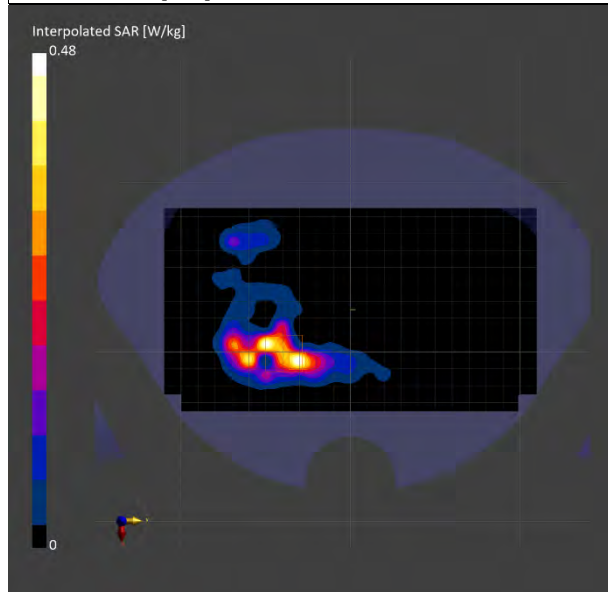
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 220.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-09	2024-05-09
psSAR1g [W/kg]	0.291	0.315
psSAR8g [W/kg]	0.109	0.118
psSAR10g [W/kg]	0.098	0.108
Power Drift [dB]	0.01	-0.05
M2/M1 [%]		52.9
Dist 3dB Peak [mm]		7.4



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 055

Report No. : TESA2404000214E5

Measurement Report_GPRS850_Hotspot_Back Surface_CH 251

Ambient temperature: 22.5°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	848.8, 251	9.71	0.91	41.26

Hardware Setup

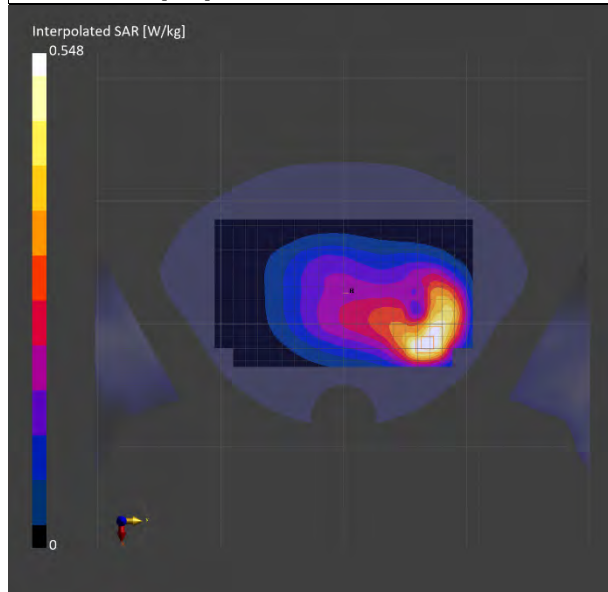
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-01	2024-05-01
psSAR1g [W/kg]	0.477	0.443
psSAR8g [W/kg]	0.329	0.305
psSAR10g [W/kg]	0.311	0.286
Power Drift [dB]	-0.03	-0.01
M2/M1 [%]		57.0
Dist 3dB Peak [mm]		12.2



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 056

Report No. : TESA2404000214E5

Measurement Report_GPRS1900_Body_Front Surface_CH 512

Ambient temperature: 22.6°C; Liquid temperature: 21.5°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Front Surface, 10.00	1850.2, 512	8.28	1.413	39.756

Hardware Setup

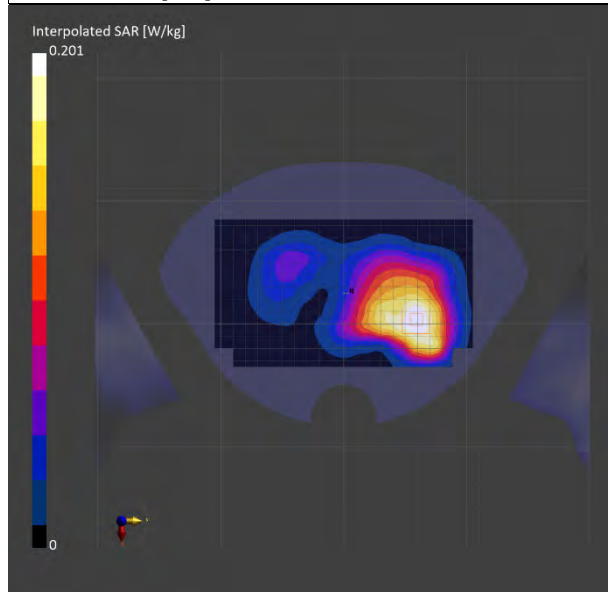
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-03	2024-05-03
psSAR1g [W/kg]	0.168	0.175
psSAR8g [W/kg]	0.111	0.115
psSAR10g [W/kg]	0.105	0.108
Power Drift [dB]	-0.04	-0.02
M2/M1 [%]		56.5
Dist 3dB Peak [mm]		14.2



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 057

Report No. : TESA2404000214E5

Measurement Report_WCDMA Band II_Hotspot_Front Surface_CH 9400

Ambient temperature: 22.6°C; Liquid temperature: 21.5°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Front Surface, 10.00	1880.0, 9400	8.28	1.414	39.756

Hardware Setup

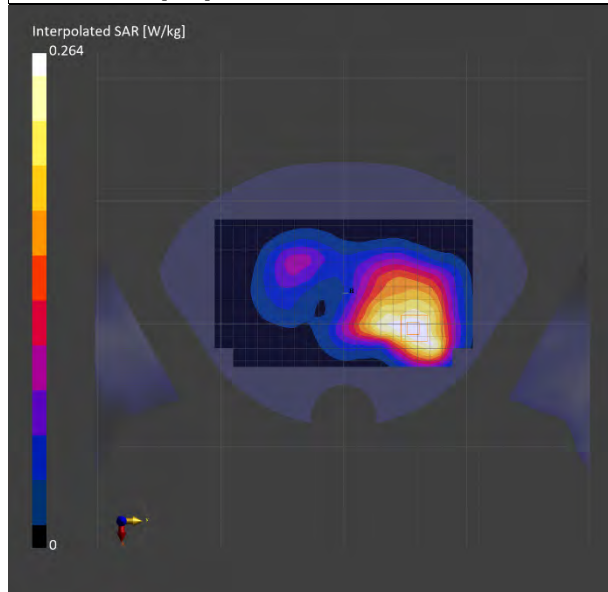
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-03	2024-05-03
psSAR1g [W/kg]	0.222	0.228
psSAR8g [W/kg]	0.146	0.154
psSAR10g [W/kg]	0.137	0.146
Power Drift [dB]	-0.01	-0.03
M2/M1 [%]		58.4
Dist 3dB Peak [mm]		27.3



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 058

Report No. : TESA2404000214E5

Measurement Report_WCDMA Band IV_Hotspot_Front Surface_CH 1513

Ambient temperature: 22.4°C; Liquid temperature: 21.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Front Surface, 10.00	1752.6, 1513	8.51	1.383	39.83

Hardware Setup

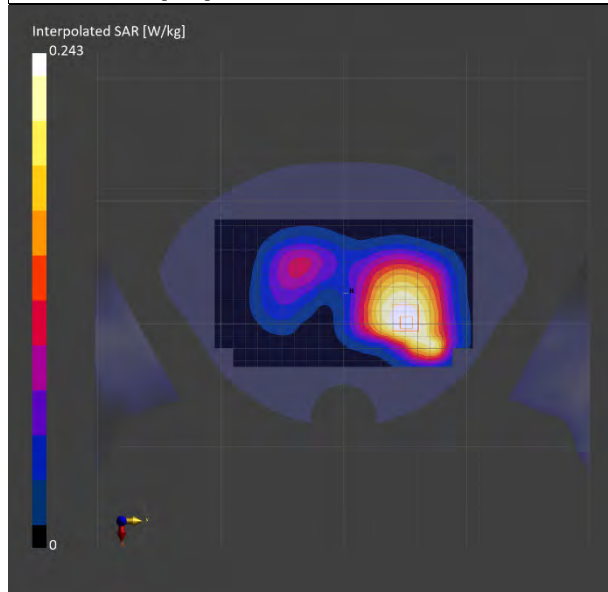
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-02	2024-05-02
psSAR1g [W/kg]	0.206	0.228
psSAR8g [W/kg]	0.138	0.162
psSAR10g [W/kg]	0.131	0.154
Power Drift [dB]	0.06	-0.01
M2/M1 [%]		64.7
Dist 3dB Peak [mm]		16.4



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 059

Report No. : TESA2404000214E5

Measurement Report_WCDMA Band V_Hotspot_Back Surface_CH 4183

Ambient temperature: 22.5°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	836.6, 4183	9.71	0.906	41.303

Hardware Setup

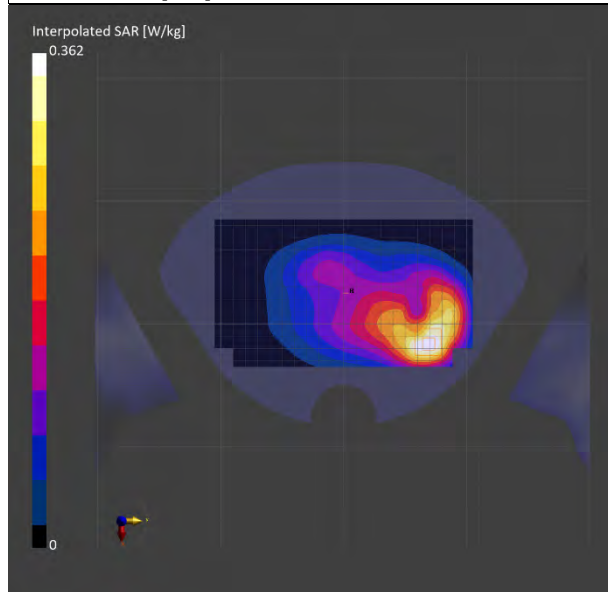
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-01	2024-05-01
psSAR1g [W/kg]	0.313	0.322
psSAR8g [W/kg]	0.218	0.217
psSAR10g [W/kg]	0.206	0.205
Power Drift [dB]	-0.05	-0.01
M2/M1 [%]		62.5
Dist 3dB Peak [mm]		14.4



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 060

Report No. : TESA2404000214E5

Measurement Report_LTE Band 2 (20MHz)_Hotspot_Back Surface_CH 19100_QPSK_1-0

Ambient temperature: 22.6°C; Liquid temperature: 21.5°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	1900.0, 19100	8.28	1.415	39.756

Hardware Setup

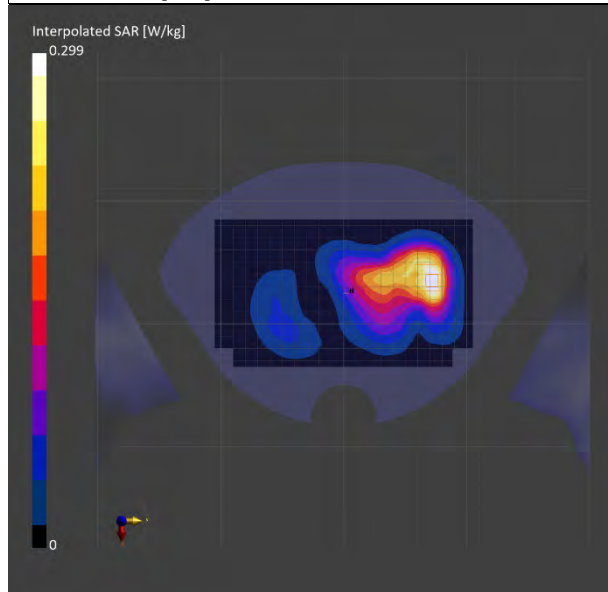
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-03	2024-05-03
psSAR1g [W/kg]	0.244	0.278
psSAR8g [W/kg]	0.153	0.163
psSAR10g [W/kg]	0.143	0.151
Power Drift [dB]	-0.03	-0.01
M2/M1 [%]		56.6
Dist 3dB Peak [mm]		12.9



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 061

Report No. : TESA2404000214E5

Measurement Report_LTE Band 4 (20MHz)_Hotspot_Back Surface_CH 20300_QPSK_1-0

Ambient temperature: 22.4°C; Liquid temperature: 21.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	1745.0, 20300	8.51	1.378	39.843

Hardware Setup

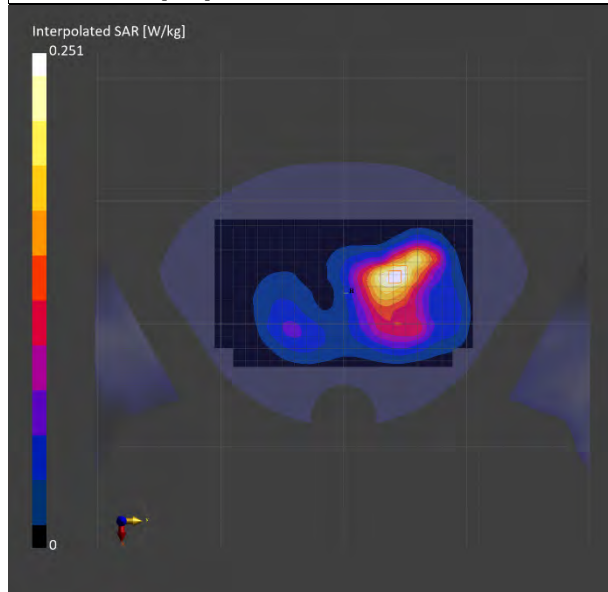
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-02	2024-05-02
psSAR1g [W/kg]	0.207	0.217
psSAR8g [W/kg]	0.130	0.143
psSAR10g [W/kg]	0.122	0.135
Power Drift [dB]	-0.02	-0.01
M2/M1 [%]		66.3
Dist 3dB Peak [mm]		13.7



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 062

Report No. : TESA2404000214E5

Measurement Report_LTE Band 5 (10MHz)_Hotspot_Back Surface_CH 20450_QPSK_1-0

Ambient temperature: 22.5°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	829.0, 20450	9.71	0.903	41.332

Hardware Setup

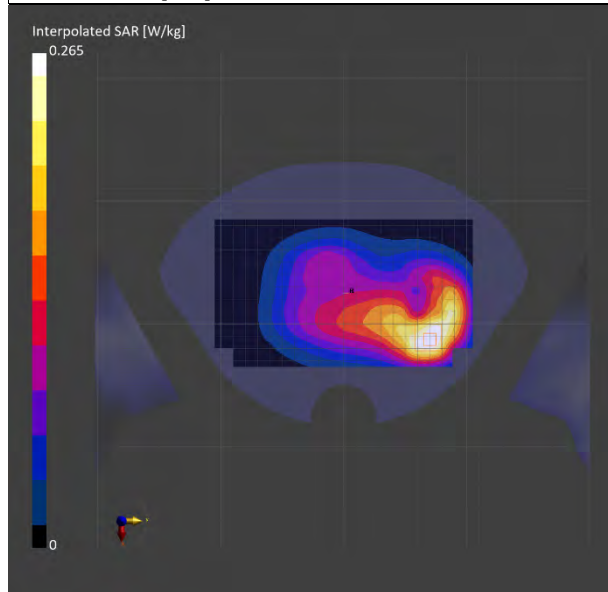
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-01	2024-05-01
psSAR1g [W/kg]	0.233	0.250
psSAR8g [W/kg]	0.165	0.168
psSAR10g [W/kg]	0.156	0.159
Power Drift [dB]	-0.01	-0.02
M2/M1 [%]		62.3
Dist 3dB Peak [mm]		13.7



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 063

Report No. : TESA2404000214E5

Measurement Report_LTE Band 7 (20MHz)_Hotspot_Left Edge_CH 20850_QPSK_1-0

Ambient temperature: 22.7°C; Liquid temperature: 21.8°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Left Edge, 10.00	2510.0, 20850	7.81	1.88	38.88

Hardware Setup

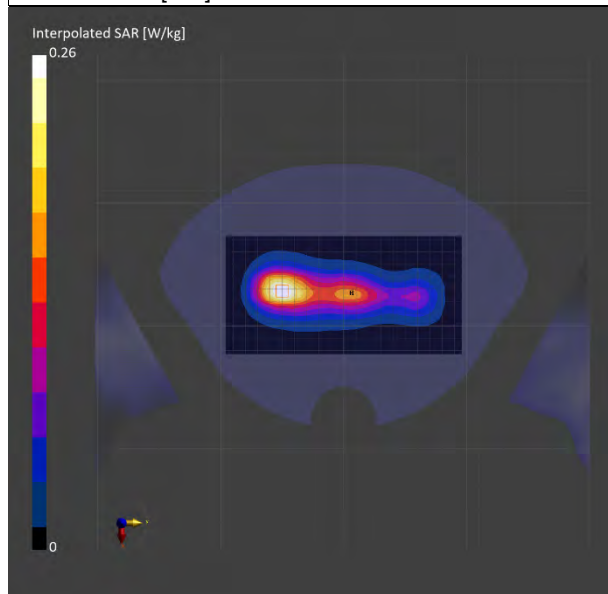
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-04	2024-05-04
psSAR1g [W/kg]	0.210	0.231
psSAR8g [W/kg]	0.120	0.129
psSAR10g [W/kg]	0.110	0.119
Power Drift [dB]	-0.01	0.06
M2/M1 [%]		52.7
Dist 3dB Peak [mm]		12.0



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 064

Report No. : TESA2404000214E5

Measurement Report_LTE Band 12 (10MHz)_Hotspot_Back Surface_CH 23095_QPSK_1-0

Ambient temperature: 22.1°C; Liquid temperature: 21.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	707.5, 23095	9.79	0.885	41.916

Hardware Setup

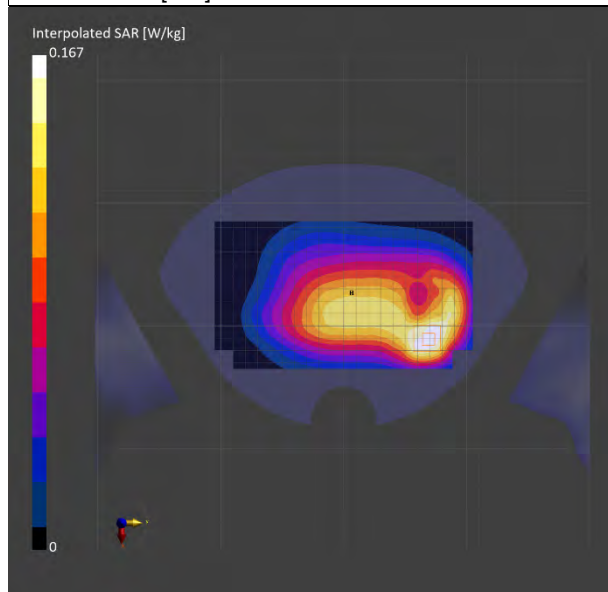
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-04-30	2024-04-30
psSAR1g [W/kg]	0.148	0.159
psSAR8g [W/kg]	0.106	0.108
psSAR10g [W/kg]	0.101	0.102
Power Drift [dB]	-0.04	-0.03
M2/M1 [%]		62.3
Dist 3dB Peak [mm]		15.1



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 065

Report No. : TESA2404000214E5

Measurement Report_LTE Band 13 (10MHz)_Hotspot_Back Surface_CH 23230_QPSK_1-0

Ambient temperature: 22.1°C; Liquid temperature: 21.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	782.0, 23230	9.79	0.891	41.531

Hardware Setup

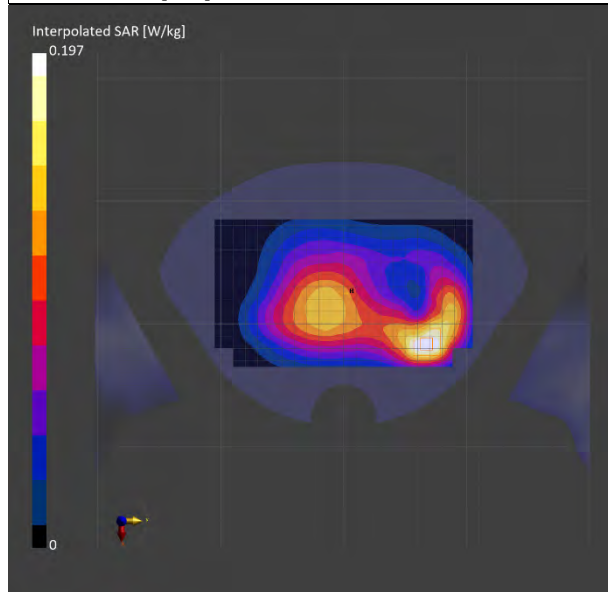
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-04-30	2024-04-30
psSAR1g [W/kg]	0.172	0.182
psSAR8g [W/kg]	0.119	0.117
psSAR10g [W/kg]	0.113	0.110
Power Drift [dB]	-0.01	-0.04
M2/M1 [%]		60.1
Dist 3dB Peak [mm]		14.4



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 066

Report No. : TESA2404000214E5

Measurement Report_LTE Band 17 (10MHz)_Hotspot_Back Surface_CH 23790_QPSK_1-0

Ambient temperature: 22.1°C; Liquid temperature: 21.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	710.0, 23790	9.79	0.886	41.905

Hardware Setup

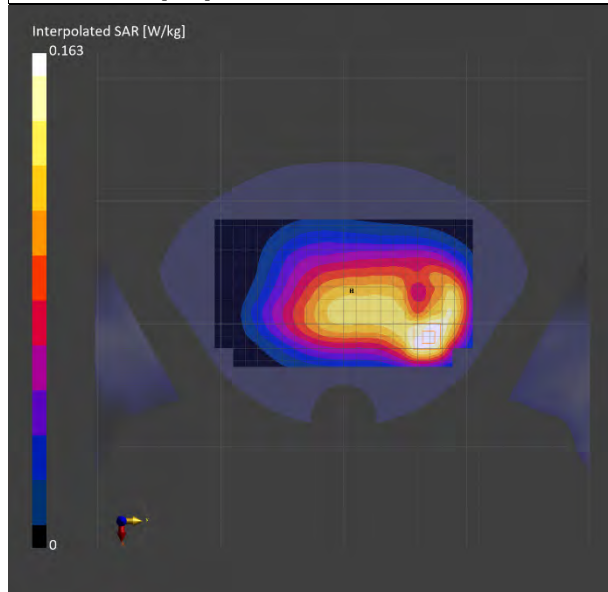
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-04-30	2024-04-30
psSAR1g [W/kg]	0.145	0.154
psSAR8g [W/kg]	0.104	0.105
psSAR10g [W/kg]	0.099	0.10
Power Drift [dB]	-0.01	-0.03
M2/M1 [%]		63.5
Dist 3dB Peak [mm]		13.7



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 067

Report No. : TESA2404000214E5

Measurement Report_LTE Band 66 (20MHz)_Hotspot_Back Surface_CH 132072_QPSK_1-0

Ambient temperature: 22.4°C; Liquid temperature: 21.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	1720.0, 132072	8.51	1.364	39.882

Hardware Setup

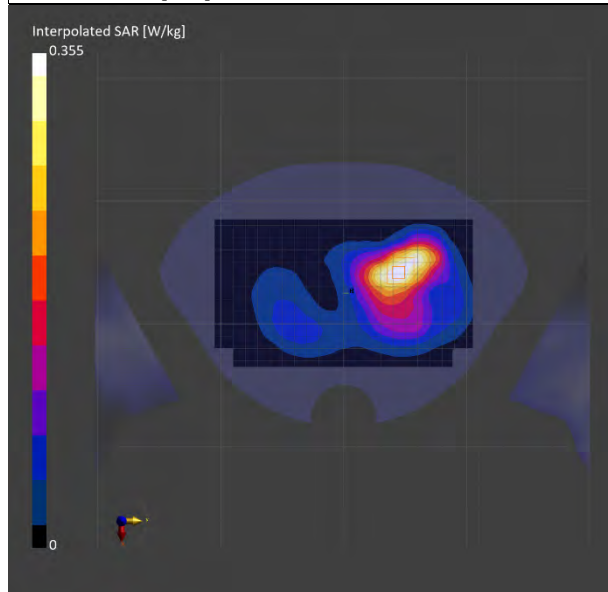
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-02	2024-05-02
psSAR1g [W/kg]	0.172	0.202
psSAR8g [W/kg]	0.133	0.184
psSAR10g [W/kg]	0.092	0.112
Power Drift [dB]	-0.07	0.06
M2/M1 [%]		63.8
Dist 3dB Peak [mm]		12.9



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 068

Report No. : TESA2404000214E5

Measurement Report_LTE Band 38 (20MHz)_Hotspot_Left Edge_CH 37850_QPSK_1-0

Ambient temperature: 22.7°C; Liquid temperature: 21.8°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Left Edge, 10.00	2580.0, 37850	7.81	1.943	38.791

Hardware Setup

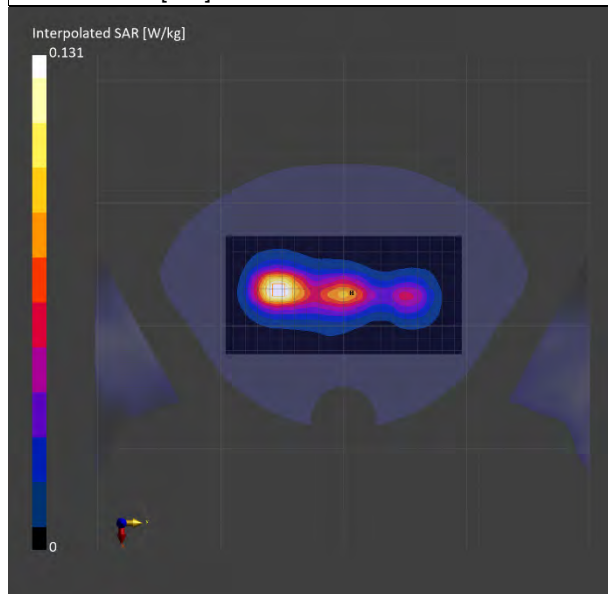
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-04	2024-05-04
psSAR1g [W/kg]	0.107	0.117
psSAR8g [W/kg]	0.060	0.065
psSAR10g [W/kg]	0.055	0.059
Power Drift [dB]	0.05	-0.01
M2/M1 [%]		52.3
Dist 3dB Peak [mm]		12.0



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 069

Report No. : TESA2404000214E5

Measurement Report_LTE Band 41 (20MHz)_Hotspot_Left Edge_CH 41490_QPSK_1-0

Ambient temperature: 22.7°C; Liquid temperature: 21.8°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Left Edge, 10.00	2680.0, 41490	7.81	2.035	38.663

Hardware Setup

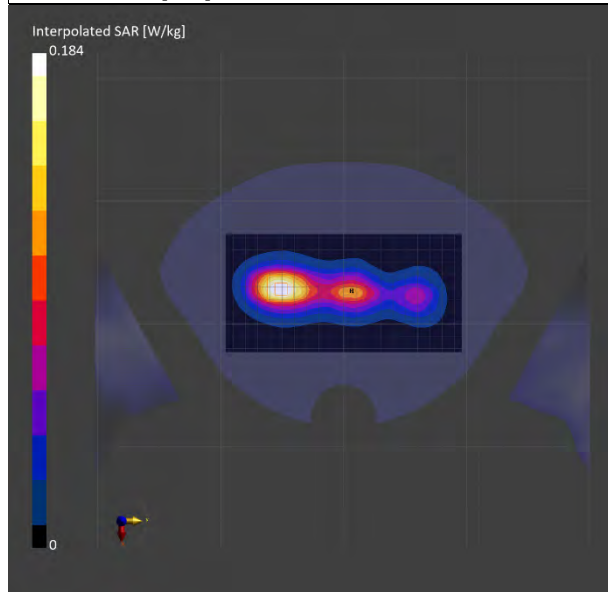
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-04	2024-05-04
psSAR1g [W/kg]	0.149	0.159
psSAR8g [W/kg]	0.084	0.089
psSAR10g [W/kg]	0.077	0.081
Power Drift [dB]	0.05	-0.06
M2/M1 [%]		51.6
Dist 3dB Peak [mm]		12.0



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 070

Report No. : TESA2404000214E5

Measurement Report_NR n5 (20MHz)_Hotspot_Bottom Edge_CH 167300_BPSK_1-1

Ambient temperature: 22.5°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Edge, 10.00	836.5, 167300	9.71	0.906	41.303

Hardware Setup

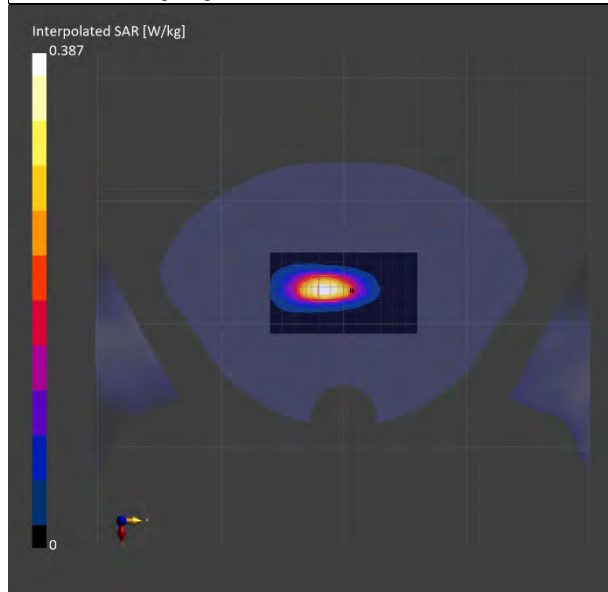
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	66.0 x 120.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	11.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-01	2024-05-01
psSAR1g [W/kg]	0.320	0.326
psSAR8g [W/kg]	0.199	0.185
psSAR10g [W/kg]	0.184	0.170
Power Drift [dB]	-0.02	-0.01
M2/M1 [%]		53.0
Dist 3dB Peak [mm]		9.6



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 071

Report No. : TESA2404000214E5

Measurement Report_NR n66 (40MHz)_Hotspot_Back Surface_CH 349000_BPSK_1-1

Ambient temperature: 22.4°C; Liquid temperature: 21.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Back Surface, 10.00	1745.0, 349000	8.51	1.378	39.843

Hardware Setup

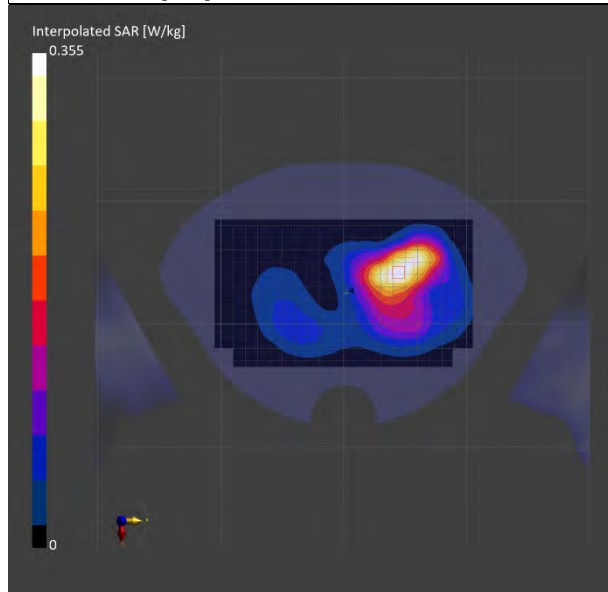
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 210.0	32.0 x 32.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	8.0 x 8.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-02	2024-05-02
psSAR1g [W/kg]	0.297	0.319
psSAR8g [W/kg]	0.190	0.212
psSAR10g [W/kg]	0.178	0.199
Power Drift [dB]	-0.03	0.06
M2/M1 [%]		63.8
Dist 3dB Peak [mm]		12.9



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 072

Report No. : TESA2404000214E5

Measurement Report_NR n41 (100MHz)_Hotspot_Bottom Edge_CH 528000_BPSK_1-1

Ambient temperature: 22.7°C; Liquid temperature: 21.8°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Bottom Edge, 10.00	2640.0, 528000	7.81	1.998	38.714

Hardware Setup

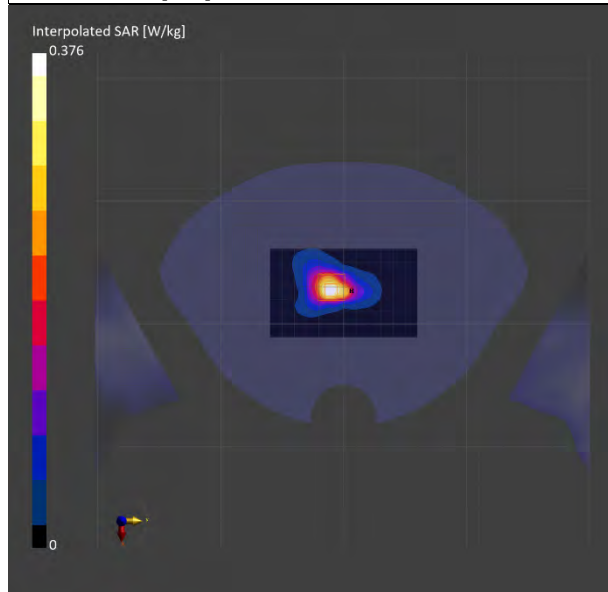
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-04	2024-05-04
psSAR1g [W/kg]	0.185	0.194
psSAR8g [W/kg]	0.093	0.097
psSAR10g [W/kg]	0.083	0.088
Power Drift [dB]	0.06	0.01
M2/M1 [%]		51.4
Dist 3dB Peak [mm]		9.0



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 073

Report No. : TESA2404000214E5

Measurement Report_WLAN 802.11n(40M) 2.4G_Hotspot_Left Edge_CH 3_10mm_Ant 4+8

Ambient temperature: 22.3°C; Liquid temperature: 21.7°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Left Edge, 10.00	2422.0, 3	8.16	1.802	39.006

Hardware Setup

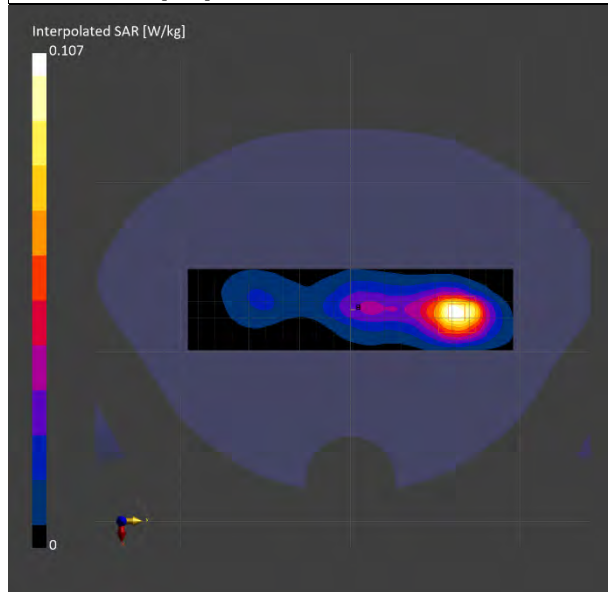
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-08	2024-05-08
psSAR1g [W/kg]	0.083	0.092
psSAR8g [W/kg]	0.044	0.047
psSAR10g [W/kg]	0.040	0.042
Power Drift [dB]	0.02	-0.01
M2/M1 [%]		59.3
Dist 3dB Peak [mm]		9.0



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 074

Report No. : TESA2404000214E5

Measurement Report_WLAN 802.11b_Hotspot_Left Edge_CH 1_10mm_Ant 4+8

Ambient temperature: 22.3°C; Liquid temperature: 21.7°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Left Edge, 10.00	2412.0, 1	8.16	1.793	39.024

Hardware Setup

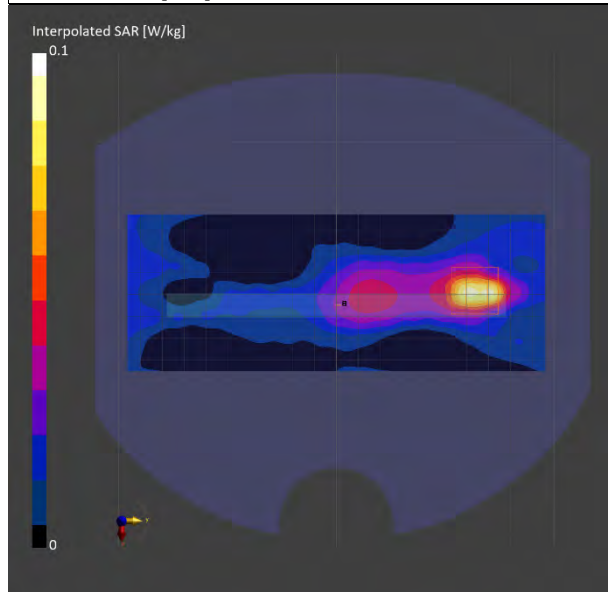
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	72.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-08	2024-05-08
psSAR1g [W/kg]	0.068	0.071
psSAR8g [W/kg]	0.035	0.038
psSAR10g [W/kg]	0.032	0.035
Power Drift [dB]	0.01	0.06
M2/M1 [%]		52.2
Dist 3dB Peak [mm]		8.6



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 075

Report No. : TESA2404000214E5

Measurement Report_Bluetooth(GFSK)_Hotspot_Right Edge_CH 39_10mm_Ant 4

Ambient temperature: 22.3°C; Liquid temperature: 21.7°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Right Edge, 10.00	2441.0, 39	8.16	1.818	38.972

Hardware Setup

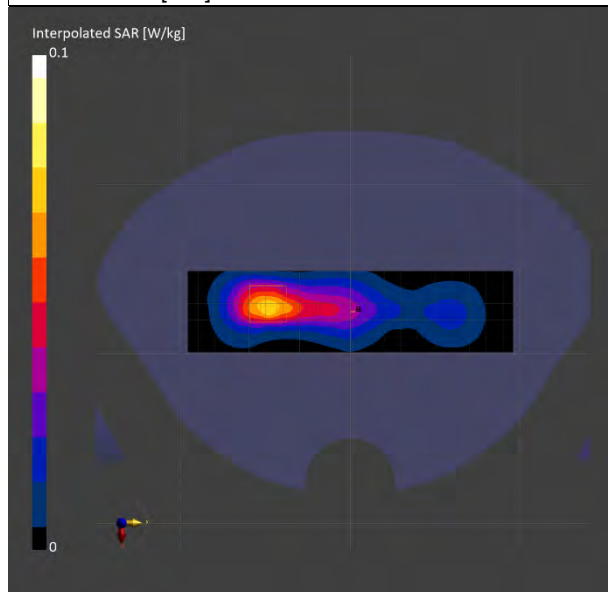
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-08	2024-05-08
psSAR1g [W/kg]	0.059	0.063
psSAR8g [W/kg]	0.032	0.034
psSAR10g [W/kg]	0.029	0.031
Power Drift [dB]	-0.02	0.04
M2/M1 [%]		52.2
Dist 3dB Peak [mm]		9.6



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 076

Report No. : TESA2404000214E5

Measurement Report_WLAN 802.11ac(160M) 5.2G_Hotspot_Left Edge_CH 50_10mm_Ant 4+8

Ambient temperature: 22.2°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Left Edge, 10.00	5250.0, 50	5.46	4.701	35.685

Hardware Setup

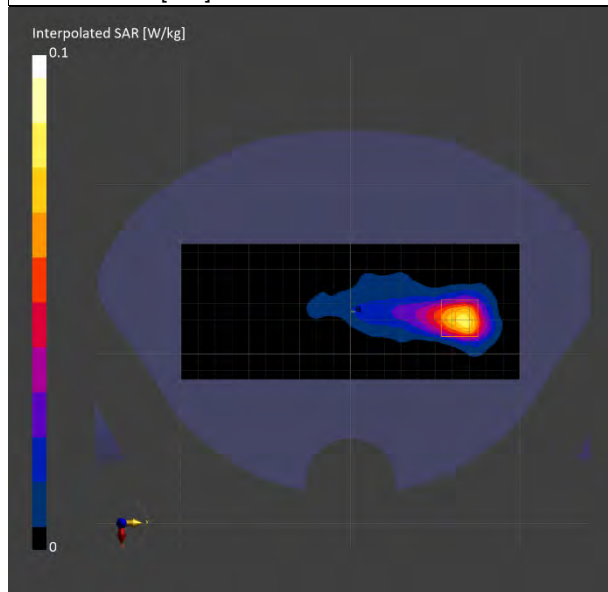
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 200.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-09	2024-05-09
psSAR1g [W/kg]	0.059	0.053
psSAR8g [W/kg]	0.025	0.021
psSAR10g [W/kg]	0.022	0.018
Power Drift [dB]	-0.01	0.01
M2/M1 [%]		53.5
Dist 3dB Peak [mm]		9.6



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 077

Report No. : TESA2404000214E5

Measurement Report_WLAN 802.11ac(80M) 5.8G_Hotspot_Right Edge_CH 155_10mm_Ant 4+8

Ambient temperature: 22.2°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Right Edge, 10.00	5775.0, 155	5.01	5.239	35.085

Hardware Setup

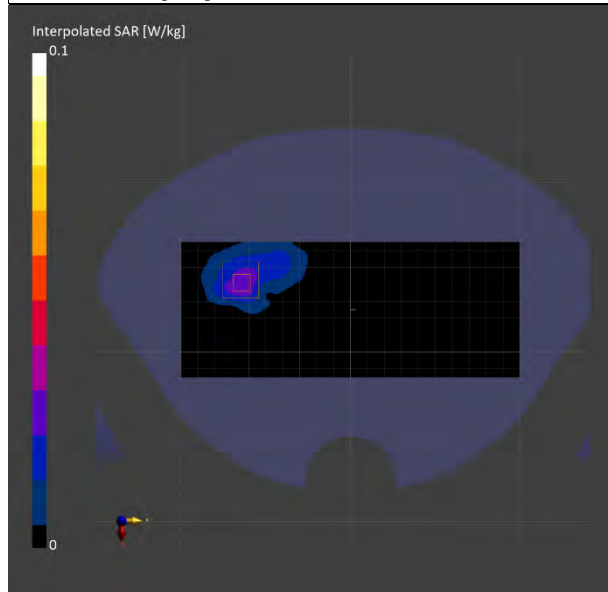
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	80.0 x 200.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-09	2024-05-09
psSAR1g [W/kg]	0.024	0.024
psSAR8g [W/kg]	0.011	0.008
psSAR10g [W/kg]	0.01	0.007
Power Drift [dB]	0.02	-0.03
M2/M1 [%]		59.8
Dist 3dB Peak [mm]		10.5



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

ID: 078

Report No. : TESA2404000214E5

Measurement Report_Bluetooth(GFSK)_Hotspot_Left Edge_CH 39_10mm_Ant 8

Ambient temperature: 22.3°C; Liquid temperature: 21.7°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Frequency [MHz], Channel Number	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	Left Edge, 10.00	2441.0, 39	8.16	1.818	38.972

Hardware Setup

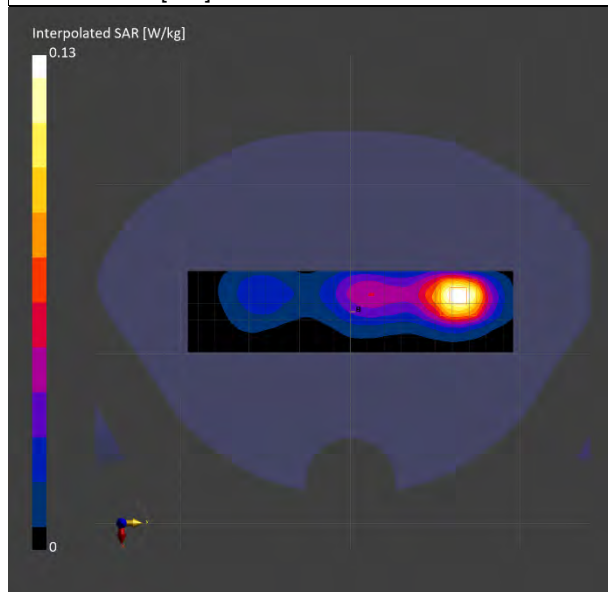
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	48.0 x 192.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-08	2024-05-08
psSAR1g [W/kg]	0.103	0.115
psSAR8g [W/kg]	0.057	0.059
psSAR10g [W/kg]	0.052	0.054
Power Drift [dB]	-0.02	-0.02
M2/M1 [%]		51.2
Dist 3dB Peak [mm]		9.5



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

12 SAR SYSTEM CHECK RESULTS

Report No. : TESA2404000214E5

Measurement Report

Dipole_D750-SN: 1015

Ambient temperature: 22.8°C; Liquid temperature: 21.9°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 15.00	9.79	0.887	41.679

Hardware Setup

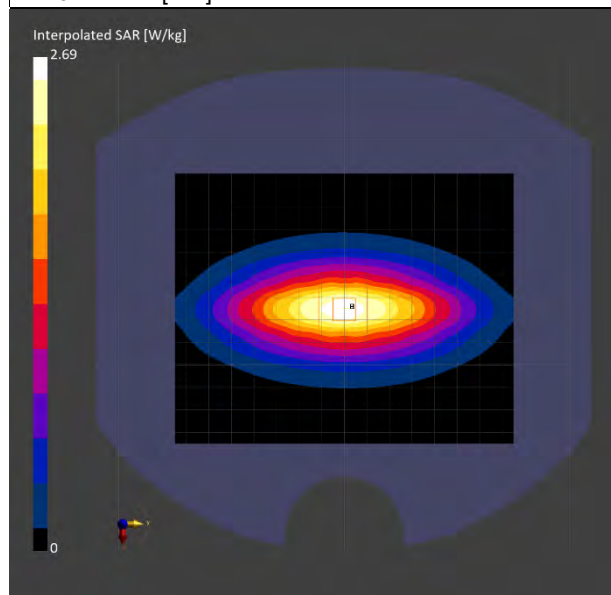
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 150.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-05	2024-05-05
psSAR1g [W/kg]	2.30	2.24
psSAR8g [W/kg]	1.56	1.47
psSAR10g [W/kg]	1.46	1.38
Power Drift [dB]	0.01	0.02
M2/M1 [%]		60.9
Dist 3dB Peak [mm]		13.7



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report No. : TESA2404000214E5

Measurement Report

Dipole_D835-SN: 4d063

Ambient temperature: 22.8°C; Liquid temperature: 21.9°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 15.00	9.71	0.904	41.292

Hardware Setup

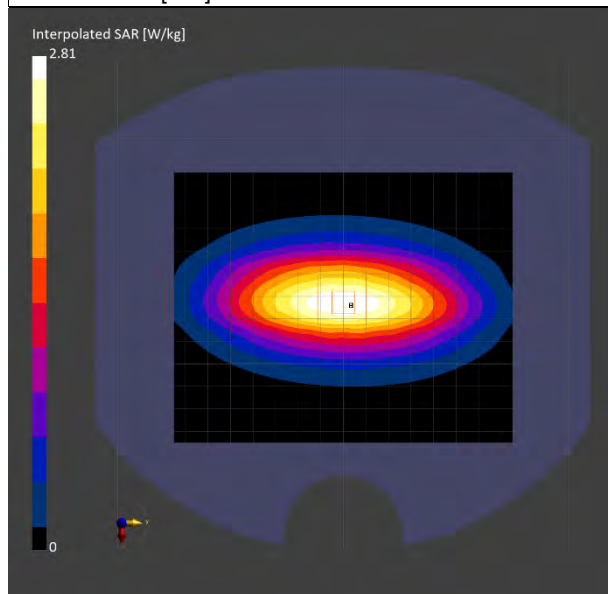
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 150.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-05	2024-05-05
psSAR1g [W/kg]	2.44	2.47
psSAR8g [W/kg]	1.70	1.70
psSAR10g [W/kg]	1.61	1.61
Power Drift [dB]	-0.05	-0.02
M2/M1 [%]		65.2
Dist 3dB Peak [mm]		16.0



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

Report No. : TESA2404000214E5

Measurement Report

Dipole_D1750-SN: 1008

Ambient temperature: 22.9°C; Liquid temperature: 22.0°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 10.00	8.51	1.381	39.816

Hardware Setup

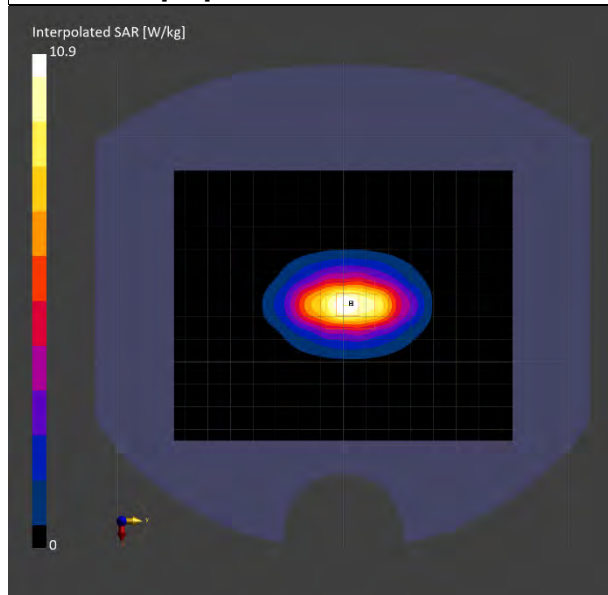
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 150.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-06	2024-05-06
psSAR1g [W/kg]	8.75	8.97
psSAR8g [W/kg]	5.08	5.24
psSAR10g [W/kg]	4.66	4.84
Power Drift [dB]	-0.03	-0.01
M2/M1 [%]		55.3
Dist 3dB Peak [mm]		10.0



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report No. : TESA2404000214E5

Measurement Report

Dipole_D1900-SN: 5d142

Ambient temperature: 22.9°C; Liquid temperature: 22.0°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 10.00	8.28	1.414	39.737

Hardware Setup

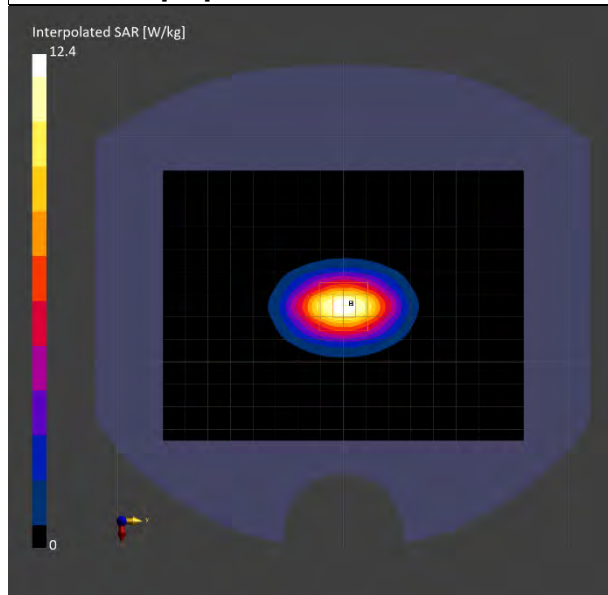
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 160.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-06	2024-05-06
psSAR1g [W/kg]	9.75	9.73
psSAR8g [W/kg]	5.45	5.48
psSAR10g [W/kg]	4.99	5.03
Power Drift [dB]	-0.01	-0.04
M2/M1 [%]		55.1
Dist 3dB Peak [mm]		10.0



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report No. : TESA2404000214E5

Measurement Report

Dipole_D2600-SN: 1005

Ambient temperature: 23.1°C; Liquid temperature: 22.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 15.00	7.81	1.961	38.746

Hardware Setup

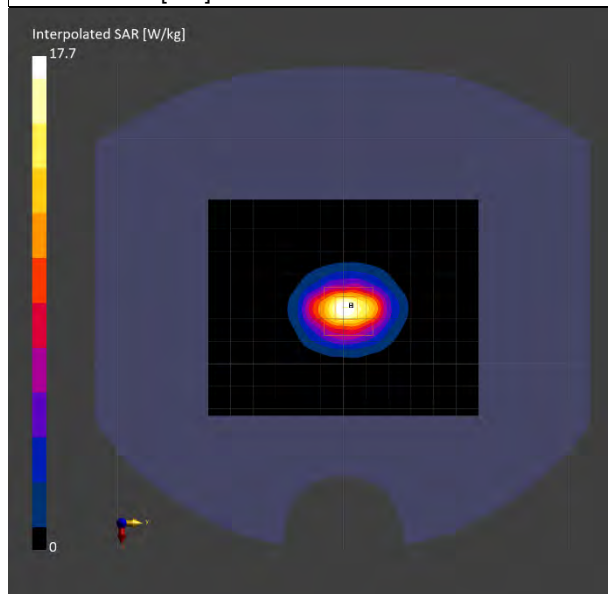
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	96.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-07	2024-05-07
psSAR1g [W/kg]	13.2	13.6
psSAR8g [W/kg]	6.54	6.80
psSAR10g [W/kg]	5.88	6.13
Power Drift [dB]	-0.02	-0.03
M2/M1 [%]		54.8
Dist 3dB Peak [mm]		8.6



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report No. : TESA2404000214E5

Measurement Report

Dipole_D750-SN: 1015

Ambient temperature: 22.1°C; Liquid temperature: 21.2°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 15.00	9.79	0.888	41.698

Hardware Setup

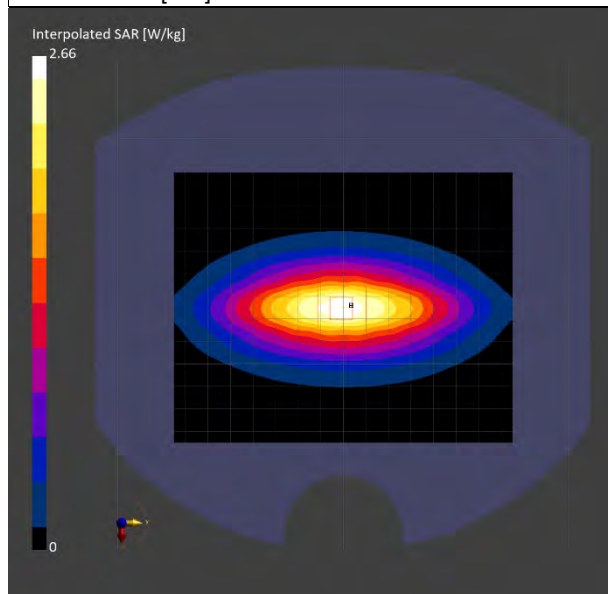
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 150.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-04-30	2024-04-30
psSAR1g [W/kg]	2.27	2.22
psSAR8g [W/kg]	1.54	1.45
psSAR10g [W/kg]	1.45	1.37
Power Drift [dB]	0.02	0.01
M2/M1 [%]		61.0
Dist 3dB Peak [mm]		13.0



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report No. : TESA2404000214E5

Measurement Report

Dipole_D835-SN: 4d063

Ambient temperature: 22.5°C; Liquid temperature: 21.3°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 15.00	9.71	0.905	41.311

Hardware Setup

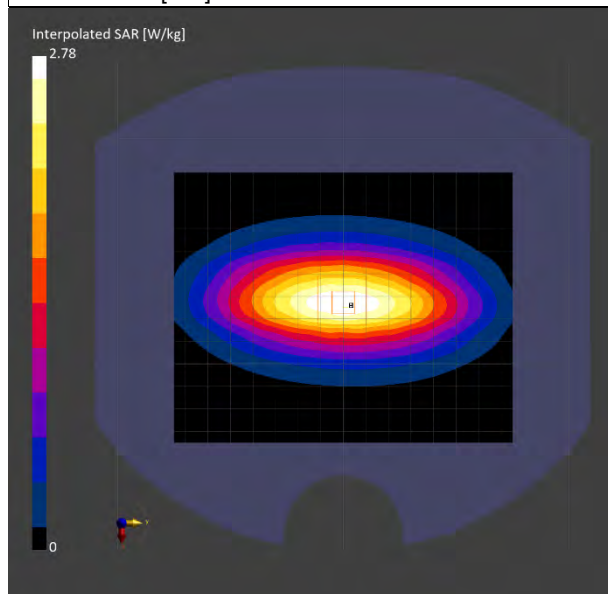
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 150.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-01	2024-05-01
psSAR1g [W/kg]	2.41	2.40
psSAR8g [W/kg]	1.68	1.65
psSAR10g [W/kg]	1.59	1.57
Power Drift [dB]	-0.02	-0.04
M2/M1 [%]		65.2
Dist 3dB Peak [mm]		16.0



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report No. : TESA2404000214E5

Measurement Report

Dipole_D1750-SN: 1008

Ambient temperature: 22.4°C; Liquid temperature: 21.4°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 10.00	8.51	1.381	39.835

Hardware Setup

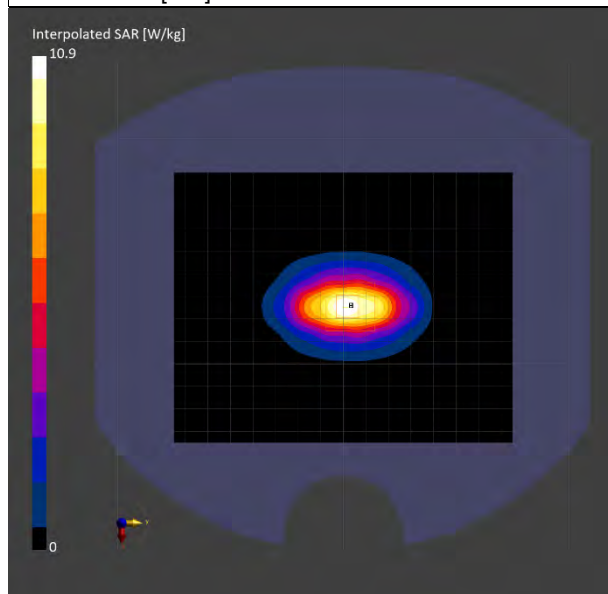
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 150.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	15.0 x 15.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-02	2024-05-02
psSAR1g [W/kg]	8.77	9.04
psSAR8g [W/kg]	5.09	5.28
psSAR10g [W/kg]	4.67	4.88
Power Drift [dB]	0.01	0.01
M2/M1 [%]		55.3
Dist 3dB Peak [mm]		10.0



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report No. : TESA2404000214E5

Measurement Report

Dipole_D1900-SN: 5d142

Ambient temperature: 22.6°C; Liquid temperature: 21.5°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 10.00	8.28	1.415	39.756

Hardware Setup

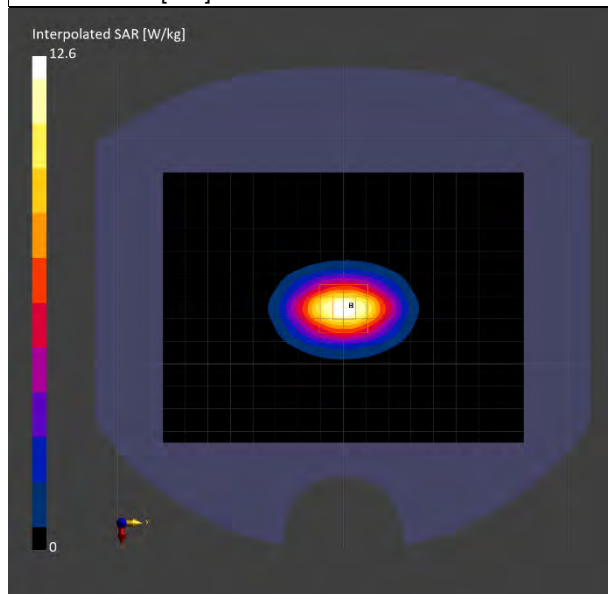
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 160.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	10.0 x 10.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-03	2024-05-03
psSAR1g [W/kg]	9.88	9.87
psSAR8g [W/kg]	5.52	5.56
psSAR10g [W/kg]	5.05	5.11
Power Drift [dB]	0.01	0.03
M2/M1 [%]		55.1
Dist 3dB Peak [mm]		10.0



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report No. : TESA2404000214E5

Measurement Report

Dipole_D2600-SN: 1005

Ambient temperature: 22.7°C; Liquid temperature: 21.8°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 10.00	7.81	1.962	38.765

Hardware Setup

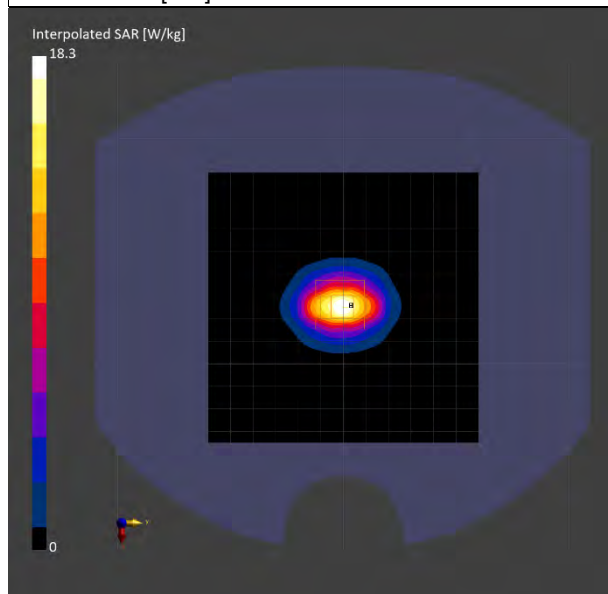
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-04	2024-05-04
psSAR1g [W/kg]	13.6	13.8
psSAR8g [W/kg]	6.71	6.90
psSAR10g [W/kg]	6.03	6.23
Power Drift [dB]	0.01	0.01
M2/M1 [%]		54.1
Dist 3dB Peak [mm]		9.0



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report No. : TESA2404000214E5

Measurement Report

Dipole_D2450-SN: 728

Ambient temperature: 22.3°C; Liquid temperature: 21.7°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 10.00	8.16	1.826	38.956

Hardware Setup

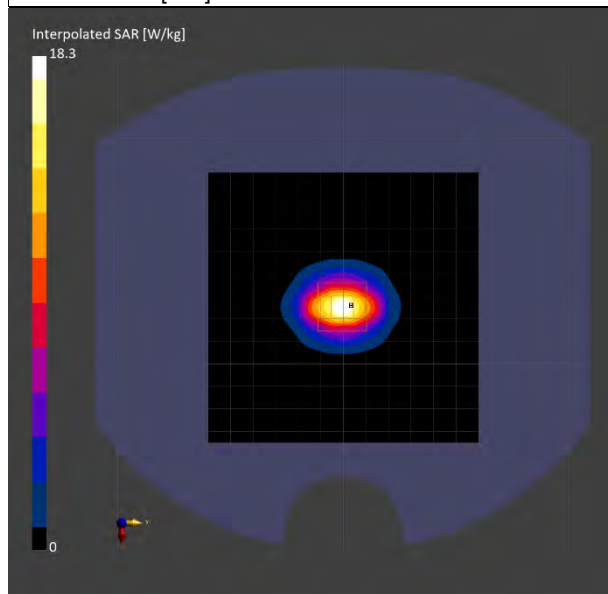
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	120.0 x 120.0	30.0 x 30.0 x 30.0
Grid Steps [mm]	12.0 x 12.0	5.0 x 5.0 x 5.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-08	2024-05-08
psSAR1g [W/kg]	13.6	13.6
psSAR8g [W/kg]	6.78	6.92
psSAR10g [W/kg]	6.10	6.25
Power Drift [dB]	0.01	0.01
M2/M1 [%]		54.8
Dist 3dB Peak [mm]		9.0



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report No. : TESA2404000214E5

Measurement Report

Dipole_D5250-SN: 1023

Ambient temperature: 22.2°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 10.00	5.46	4.701	35.685

Hardware Setup

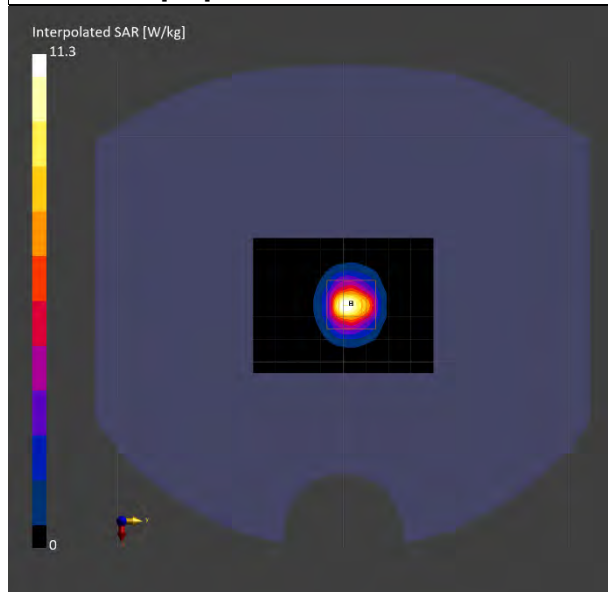
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 80.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-09	2024-05-09
psSAR1g [W/kg]	7.38	8.01
psSAR8g [W/kg]	2.56	2.71
psSAR10g [W/kg]	2.22	2.32
Power Drift [dB]	-0.03	-0.04
M2/M1 [%]		54.8
Dist 3dB Peak [mm]		7.4



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report No. : TESA2404000214E5

Measurement Report

Dipole_D5600-SN: 1023

Ambient temperature: 22.2°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 10.00	4.86	5.06	35.285

Hardware Setup

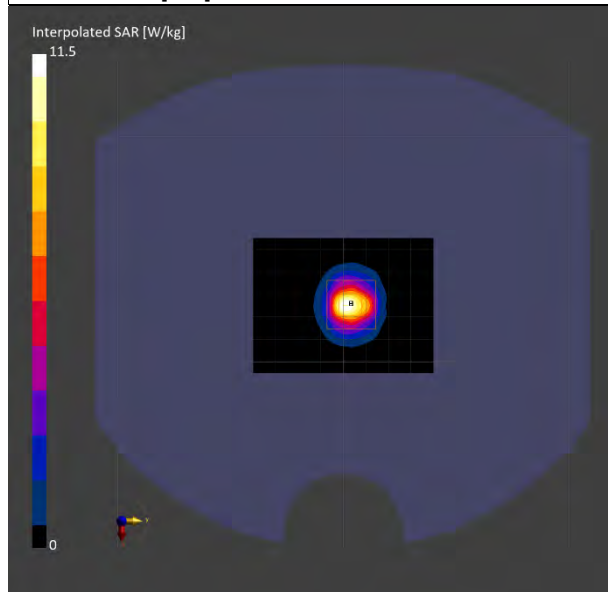
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 80.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-09	2024-05-09
psSAR1g [W/kg]	7.61	8.27
psSAR8g [W/kg]	2.60	2.76
psSAR10g [W/kg]	2.25	2.36
Power Drift [dB]	0.01	-0.05
M2/M1 [%]		51.8
Dist 3dB Peak [mm]		7.4



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

Report No. : TESA2404000214E5

Measurement Report

Dipole_D5750-SN: 1023

Ambient temperature: 22.2°C; Liquid temperature: 21.6°C

Exposure Conditions

Phantom Section, TSL	Position, Test Distance [mm]	Conversion Factor	TSL Conductivity [S/m]	TSL Permittivity
Flat, HSL	FRONT, 10.00	5.01	5.213	35.113

Hardware Setup

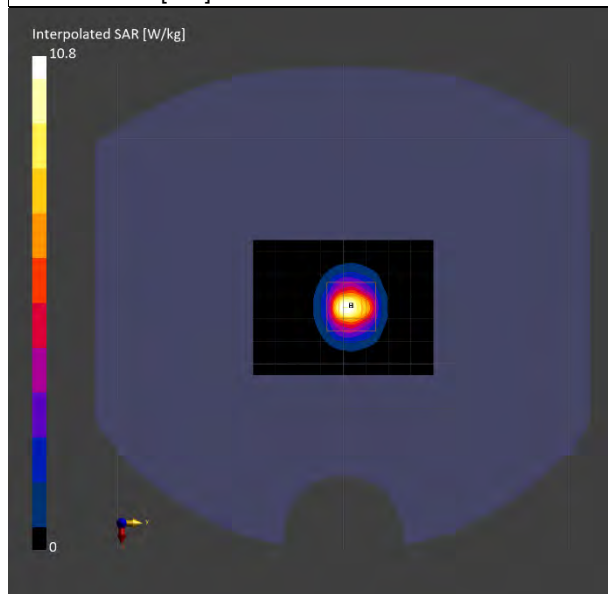
Phantom	Probe, Calibration Date	DAE, Calibration Date
Twin-SAM	EX3DV4 - SN7466, 2024-01-22	DAE4 Sn547, 2024-01-18

Scans Setup

	Area Scan	Zoom Scan
Grid Extents [mm]	60.0 x 80.0	24.0 x 24.0 x 22.0
Grid Steps [mm]	10.0 x 10.0	4.0 x 4.0 x 2.0
Sensor Surface [mm]	3.0	1.4

Measurement Results

	Area Scan	Zoom Scan
Date	2024-05-09	2024-05-09
psSAR1g [W/kg]	7.26	7.89
psSAR8g [W/kg]	2.50	2.64
psSAR10g [W/kg]	2.17	2.27
Power Drift [dB]	-0.02	-0.03
M2/M1 [%]		51.2
Dist 3dB Peak [mm]		7.4



Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group

13 APPENDIXES

Refer to separated files for the following appendixes.

13.1 SAR_Appendix A Photographs

13.2 SAR_Appendix B DAE & Probe Cal. Certificate

13.3 SAR_Appendix C Phantom Description & Dipole Cal. Certificate

- End of report -

Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

除非另有說明，此報告結果僅對測試之樣品負責，同時此樣品僅保留90天。本報告未經本公司書面許可，不可部份複製。

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.tw/Terms-and-Conditions> and for electronic format documents, subject to Terms and Conditions for Electronic Documents at <http://www.sgs.com.tw/Terms-and-Conditions>. 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.

SGS Taiwan Ltd.

No.134,Wu Kung Road, New Taipei Industrial Park, Wuku District, New Taipei City, Taiwan/新北市五股區新北產業園區五工路 134 號

台灣檢驗科技股份有限公司

t (886-2) 2299-3279

f (886-2) 2298-0488

www.sgs.com.tw

Member of SGS Group