

RF Exposure report



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

Product Name 5G WWAN Module
Brand Name DELL
Model No. T99W373
Applicant Dell Inc.
One Dell Way, Round Rock, TX 78682
Standards IEEE/ANSI C95.1-1992, IEEE 1528-2013
FCC ID E2KT99W373PC15
Date of EUT Receipt Jun. 12, 2024
Date of Test(s) Jul. 16, 2024 ~ Aug. 08, 2024
Date of Issue Sep. 04, 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 / Afu Chen	Approved By / John Yeh
Cindy Chou	afu Chen	John Teh

Date: Sep. 04, 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
TESA2404000229EN	00	Initial creation of document	Aug. 19, 2024	Cindy Chou	
TESA2404000229EN	01	Modify comment	Sep. 04, 2024	Cindy Chou	*

Note:

1. The mark " * " is the revised version of the report due to comments submitted by the certification.
2. WLAN module: AX211NGW and BE200NGW measurements from module reports.

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	10
1.4	Antenna Information.....	10
2	MEASUREMENT SYSTEM	11
2.1	Test Facility	11
2.2	SAR System	12
3	SAR SYSTEM VERIFICATION.....	15
3.1	Tissue Simulating Liquid.....	15
3.2	Tissue Simulant Liquid measurement	15
3.3	Measurement results of Tissue Simulant Liquid.....	15
3.4	The composition of the tissue simulating liquid:.....	21
3.5	System check.....	21
3.6	System check results	22
4	TEST CONFIGURATIONS	23
4.1	Test Environment.....	23
4.2	Test Note.....	23
4.3	Test position.....	29
4.4	Test limit	30
5	MAXIMUM OUTPUT POWER	33
5.1	WCDMA.....	33
5.2	FDD LTE	35
5.3	TDD LTE	118
5.4	LTE DL CA	174
5.5	LTE Intra-Band UL CA.....	180
5.6	NR Intra-Band UL CA.....	186
5.7	FDD NR	189
5.8	TDD NR	211
5.9	NR ULMIMO	249
6	SUMMARY OF RESULTS	279
6.1	Decision rules	279
6.2	Summary of SAR Results.....	279
7	SIMULTANEOUS TRANSMISSION ANALYSIS.....	286
7.1	Simultaneous Transmission Scenarios:	286
7.2	Estimated SAR calculation	287
7.3	SPLSR evaluation and analysis.....	287
7.4	Conclusion	293
8	INSTRUMENTS LIST	294
9	UNCERTAINTY BUDGET	295
10	SAR MEASUREMENT RESULTS	297
11	SAR SYSTEM CHECK RESULTS.....	367
12	APPENDIXES	377
12.1	SAR_Appendix A Photographs.....	377

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.

12.2	SAR_Appendix B DAE & Probe Cal. Certificate	377
12.3	SAR_Appendix C Phantom Description & Dipole Cal. Certificate	377

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

KDB616217D04v01r02

KDB941225D01v03r01

KDB941225D05v02r05

KDB941225D05Av01r02

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	5G WWAN Module	
Brand Name	DELL	
Model No.	T99W373	
FCC ID	E2KT99W373PC15	
Integrated WLAN Module	Brand Name: Intel® Wi-Fi 6E AX211 Model Name: AX211NGW	
	Brand Name: Intel® BE200NGW Model Name: BE200NGW	
Host Information	Product Type: Notebook Computer Trade Name: DELL Model Name: P148G	
Duty Cycle	WCDMA	1
	LTE FDD	1
	LTE TDD Power Class 3	0.633
	LTE TDD Power Class 2	0.433
	5G NR	1
Supported radios (TX Frequency Range, MHz)	WCDMA Band II	1850-1910
	WCDMA Band IV	1710-1755
	WCDMA Band V	824-849

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

Supported radios (TX Frequency Range, MHz)	Main	
	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 14	788-798
	LTE FDD Band 17	704-716
	LTE FDD Band 25	1850-1915
	LTE FDD Band 26	814-849
	LTE FDD Band 30	2305-2315
	LTE TDD Band 38	2570-2620
	LTE TDD Band 41 Power Class 2/3	2496-2690
	LTE TDD Band 42 Power Class 2/3	3400-3600
	LTE TDD Band 43	3600-3700
	LTE TDD Band 48	3550-3700
	LTE FDD Band 66	1710-1780
	LTE FDD Band 71	663-698
	n2	1850-1910
	n5	824-849
	n7	2500-2570
	n12	699-716
	n13	777-787
	n14	788-798
	n25	1850-1915

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)	n26	814-849
	n30	2305-2315
	n38	2570-2620
	n41	2496-2690
	n48	3550-3700
	n66	1710-1780
	n70	1695-1710
	n71	663-698
	n77	3700-3980
	N78	3300-3800

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

Supported radios (TX Frequency Range, MHz)	Aux 2	
	LTE FDD Band 2	1850-1910
	LTE FDD Band 4	1710-1755
	LTE FDD Band 7	2500-2570
	LTE FDD Band 25	1850-1915
	LTE FDD Band 30	2305-2315
	LTE TDD Band 38	2570-2620
	LTE TDD Band 41 Power Class 2/3	2496-2690
	LTE TDD Band 42 Power Class 2/3	3400-3600
	LTE TDD Band 43	3600-3700
	LTE TDD Band 48	3550-3700
	LTE FDD Band 66	1710-1780
	n2	1850-1910
	n7	2500-2570
	n25	1850-1915
	n30	2305-2315
	n38	2570-2620
	n41	2496-2690
	n48	3550-3700
	n66	1710-1780
	n70	1695-1710
	n77	3700-3980
	N78	3300-3800

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.

1.3 Maximum value

Frequency Band		Highest SAR Summary
		Body (Separation 0mm)
		1g SAR (W/kg)
WCDMA	WCDMA V	0.01
LTE	LTE Band 42_Part1_Aux 2	0.16
FR1	NR n77_PC2_Part3_Aux 2	0.28

1.4 Antenna Information

WWAN

Vendor	HONGBO									
Antenna	Main									
Part Number	330-26029/330-26025 MSZ0XCTX00004100/MSZ0XCTX00004300									
Frequency(MHz)	71 663~698	12 699~716	17 704~716	13 777~787	14 788~798	26 814~849	5 824~849	4 1710~1755	66 1710~1780	2 1850~1910
Gain (dBi)	0.44	0.47	0.47	1.37	1.37	-0.05	-1.01	0.33	0.33	1.86
Frequency(MHz)	25 1850~1915	30 2305~2315	41 2496~2690	7 2500~2570	38 2570~2620	42 3400~3600	48 3550~3700	78 3300~3800	77 3300~4200	
Gain (dBi)	1.86	1.60	0.30	0.26	-1.46	1.33	1.33	1.33	1.33	

Note: Antenna information is provided by the applicant.

WWAN

Vendor	HONGBO									
Antenna	Aux 2									
Part Number	330-26029/330-26025 MSZ0XCTX00004100/MSZ0XCTX00004300									
Frequency(MHz)	4 1710~1755	66 1710~1780	2 1850~1910	25 1850~1915	30 2305~2315	41 2496~2690	7 2500~2570	38 2570~2620	42 3400~3600	48 3550~3700
Gain (dBi)	0.29	0.29	0.15	0.15	0.61	1.11	-0.62	0.01	0.98	0.98
Frequency(MHz)	78 3300~3800	77 3300~4200								
Gain (dBi)	0.98	0.98								

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

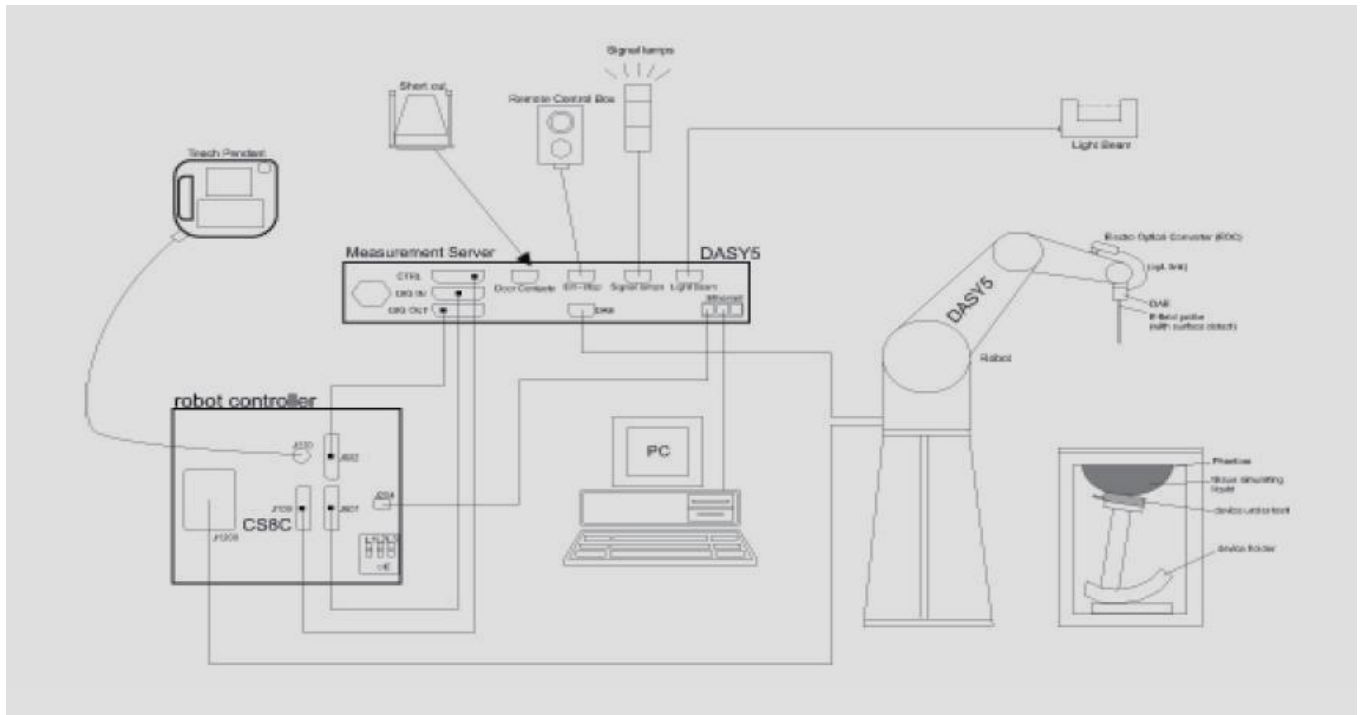
www.sgs.com.tw

Member of SGS Group

2.2 SAR System

Block Diagram (DASY5)

A block diagram of the SAR measurement System is given in below. This SAR measurement system uses a computer-controlled 3-D stepper motor system (SPEAG DASY 5 professional system). The model EX3DV4 field probe is used to determine the internal electric fields. The SAR can be obtained from the equation $SAR = \sigma (|E|)^2 / \rho$ where σ and ρ are the conductivity and mass density of the tissue-simulant.



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

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 750/835/1750/1900/2300/2600/3500/3700/3900 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 (ELI)

Model	ELI	
Construction	The ELI phantom is used for compliance testing of handheld and body-mounted wireless devices in the frequency range of 30 MHz to 6 GHz. ELI is fully compatible with the IEC 62209-2 standard and all known tissue simulating liquids. ELI has been optimized regarding its performance and can be integrated into our standard phantom tables. A cover prevents evaporation of the liquid. Reference markings on the phantom allow installation of the complete setup, including all predefined phantom positions and measurement grids, by teaching three points. The phantom is compatible with all SPEAG dosimetric probes and dipoles.	
Shell Thickness	2 ± 0.2 mm	
Filling Volume	Approx. 30 liters	
Dimensions	Major axis: 600 mm Minor axis: 400 mm	

DEVICE HOLDER

Construction	The device holder (Supporter) for Notebook is made by POM (polyoxymethylene resin) , which is non-metal and non-conductive. The height can be adjusted to fit varies kind of notebooks.	
		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 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.

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)
673	42.311	0.885	42.881	0.898	1.35%	1.48%	$\pm 5\%$	Jul. 16, 2024	21.8	22.2
680.5	42.271	0.885	42.839	0.902	1.34%	1.88%	$\pm 5\%$	Jul. 16, 2024	21.8	22.2
688	42.231	0.886	42.792	0.904	1.33%	2.05%	$\pm 5\%$	Jul. 16, 2024	21.8	22.2
704	42.145	0.887	42.763	0.907	1.47%	2.26%	$\pm 5\%$	Jul. 16, 2024	21.8	22.2
706.5	42.132	0.887	42.747	0.908	1.46%	2.36%	$\pm 5\%$	Jul. 16, 2024	21.8	22.2
707.5	42.127	0.887	42.739	0.909	1.45%	2.46%	$\pm 5\%$	Jul. 16, 2024	21.8	22.2
708.5	42.121	0.887	42.735	0.911	1.46%	2.68%	$\pm 5\%$	Jul. 16, 2024	21.8	22.2
709	42.119	0.887	42.733	0.912	1.46%	2.79%	$\pm 5\%$	Jul. 16, 2024	21.8	22.2
710	42.113	0.887	42.731	0.913	1.47%	2.89%	$\pm 5\%$	Jul. 16, 2024	21.8	22.2
711	42.108	0.887	42.728	0.914	1.47%	3.00%	$\pm 5\%$	Jul. 16, 2024	21.8	22.2
750	41.900	0.890	42.605	0.918	1.68%	3.15%	$\pm 5\%$	Jul. 16, 2024	21.8	22.2
782	41.749	0.894	42.463	0.925	1.71%	3.49%	$\pm 5\%$	Jul. 16, 2024	21.8	22.2
793	41.698	0.895	42.422	0.928	1.74%	3.68%	$\pm 5\%$	Jul. 16, 2024	21.8	22.2
673	42.311	0.885	42.231	0.878	-0.19%	-0.78%	$\pm 5\%$	Jul. 17, 2024	21.6	22.1
680.5	42.271	0.885	42.195	0.880	-0.18%	-0.61%	$\pm 5\%$	Jul. 17, 2024	21.6	22.1
688	42.231	0.886	42.144	0.883	-0.21%	-0.32%	$\pm 5\%$	Jul. 17, 2024	21.6	22.1
704	42.145	0.887	42.052	0.892	-0.22%	0.57%	$\pm 5\%$	Jul. 17, 2024	21.6	22.1
706.5	42.132	0.887	42.034	0.894	-0.23%	0.78%	$\pm 5\%$	Jul. 17, 2024	21.6	22.1
707.5	42.127	0.887	42.025	0.895	-0.24%	0.88%	$\pm 5\%$	Jul. 17, 2024	21.6	22.1
708.5	42.121	0.887	42.014	0.896	-0.25%	0.99%	$\pm 5\%$	Jul. 17, 2024	21.6	22.1
709	42.119	0.887	42.008	0.897	-0.26%	1.10%	$\pm 5\%$	Jul. 17, 2024	21.6	22.1
710	42.113	0.887	42.004	0.899	-0.26%	1.31%	$\pm 5\%$	Jul. 17, 2024	21.6	22.1
711	42.108	0.887	41.999	0.900	-0.26%	1.42%	$\pm 5\%$	Jul. 17, 2024	21.6	22.1
750	41.900	0.890	41.786	0.906	-0.27%	1.80%	$\pm 5\%$	Jul. 17, 2024	21.6	22.1
782	41.749	0.894	41.621	0.910	-0.31%	1.82%	$\pm 5\%$	Jul. 17, 2024	21.6	22.1
793	41.698	0.895	41.576	0.917	-0.29%	2.45%	$\pm 5\%$	Jul. 17, 2024	21.6	22.1

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.

821.5	41.564	0.898	42.396	0.919	2.00%	2.29%	± 5%	Jul. 18, 2024	22.3	22.6
824	41.552	0.899	42.389	0.922	2.01%	2.59%	± 5%	Jul. 18, 2024	22.3	22.6
826.4	41.540	0.899	42.381	0.925	2.02%	2.89%	± 5%	Jul. 18, 2024	22.3	22.6
829	41.528	0.899	42.366	0.926	2.02%	2.97%	± 5%	Jul. 18, 2024	22.3	22.6
831.5	41.516	0.900	42.349	0.929	2.01%	3.27%	± 5%	Jul. 18, 2024	22.3	22.6
834	41.505	0.900	42.345	0.931	2.02%	3.46%	± 5%	Jul. 18, 2024	22.3	22.6
835	41.500	0.900	42.341	0.932	2.03%	3.56%	± 5%	Jul. 18, 2024	22.3	22.6
836.5	41.500	0.902	42.340	0.933	2.02%	3.48%	± 5%	Jul. 18, 2024	22.3	22.6
836.6	41.500	0.902	42.339	0.934	2.02%	3.58%	± 5%	Jul. 18, 2024	22.3	22.6
839	41.500	0.904	42.338	0.936	2.02%	3.50%	± 5%	Jul. 18, 2024	22.3	22.6
841.5	41.500	0.907	42.337	0.939	2.02%	3.53%	± 5%	Jul. 18, 2024	22.3	22.6
844	41.500	0.910	42.336	0.942	2.01%	3.55%	± 5%	Jul. 18, 2024	22.3	22.6
846.6	41.500	0.912	42.335	0.944	2.01%	3.45%	± 5%	Jul. 18, 2024	22.3	22.6
1702.5	40.139	1.344	41.207	1.377	2.66%	2.43%	± 5%	Jul. 19, 2024	22.1	22.4
1712.4	40.125	1.350	41.195	1.385	2.67%	2.60%	± 5%	Jul. 19, 2024	22.1	22.4
1720	40.114	1.354	41.187	1.391	2.67%	2.71%	± 5%	Jul. 19, 2024	22.1	22.4
1732.4	40.097	1.361	41.173	1.395	2.68%	2.47%	± 5%	Jul. 19, 2024	22.1	22.4
1732.5	40.096	1.361	41.172	1.396	2.68%	2.54%	± 5%	Jul. 19, 2024	22.1	22.4
1745	40.079	1.369	41.159	1.404	2.70%	2.59%	± 5%	Jul. 19, 2024	22.1	22.4
1750	40.071	1.371	41.154	1.408	2.70%	2.67%	± 5%	Jul. 19, 2024	22.1	22.4
1752.6	40.068	1.373	41.151	1.412	2.70%	2.85%	± 5%	Jul. 19, 2024	22.1	22.4
1770	40.043	1.383	41.146	1.425	2.75%	3.05%	± 5%	Jul. 19, 2024	22.1	22.4
1702.5	40.139	1.344	39.071	1.313	-2.66%	-2.33%	± 5%	Jul. 20, 2024	22.3	22.6
1720	40.114	1.354	39.049	1.318	-2.66%	-2.68%	± 5%	Jul. 20, 2024	22.3	22.6
1732.5	40.096	1.361	39.029	1.324	-2.66%	-2.75%	± 5%	Jul. 20, 2024	22.3	22.6
1745	40.079	1.369	39.009	1.329	-2.67%	-2.89%	± 5%	Jul. 20, 2024	22.3	22.6
1750	40.071	1.371	39.001	1.331	-2.67%	-2.95%	± 5%	Jul. 20, 2024	22.3	22.6
1770	40.043	1.383	38.981	1.341	-2.65%	-3.03%	± 5%	Jul. 20, 2024	22.3	22.6
1852.4	40.000	1.400	41.003	1.432	2.51%	2.29%	± 5%	Jul. 21, 2024	22.4	22.7
1860	40.000	1.400	40.998	1.435	2.49%	2.50%	± 5%	Jul. 21, 2024	22.4	22.7
1880	40.000	1.400	40.993	1.439	2.48%	2.79%	± 5%	Jul. 21, 2024	22.4	22.7
1882.5	40.000	1.400	40.991	1.441	2.48%	2.93%	± 5%	Jul. 21, 2024	22.4	22.7
1900	40.000	1.400	40.985	1.443	2.46%	3.07%	± 5%	Jul. 21, 2024	22.4	22.7
1905	40.000	1.400	40.981	1.444	2.45%	3.14%	± 5%	Jul. 21, 2024	22.4	22.7
1907.6	40.000	1.400	40.979	1.447	2.45%	3.36%	± 5%	Jul. 21, 2024	22.4	22.7
1860	40.000	1.400	39.389	1.359	-1.53%	-2.93%	± 5%	Jul. 22, 2024	22.3	22.7
1880	40.000	1.400	39.384	1.364	-1.54%	-2.57%	± 5%	Jul. 22, 2024	22.3	22.7
1882.5	40.000	1.400	39.381	1.366	-1.55%	-2.43%	± 5%	Jul. 22, 2024	22.3	22.7

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

1900	40.000	1.400	39.375	1.369	-1.56%	-2.21%	± 5%	Jul. 22, 2024	22.3	22.7
1905	40.000	1.400	39.368	1.371	-1.58%	-2.07%	± 5%	Jul. 22, 2024	22.3	22.7
2300	39.457	1.667	39.924	1.688	1.18%	1.25%	± 5%	Jul. 23, 2024	22.2	22.5
2310	39.440	1.676	39.905	1.701	1.18%	1.49%	± 5%	Jul. 23, 2024	22.2	22.5
2506	39.125	1.860	39.951	1.903	2.11%	2.33%	± 5%	Jul. 24, 2024	21.9	22.3
2510	39.120	1.864	39.945	1.909	2.11%	2.41%	± 5%	Jul. 24, 2024	21.9	22.3
2535	39.087	1.891	39.905	1.937	2.09%	2.45%	± 5%	Jul. 24, 2024	21.9	22.3
2546.01	39.072	1.902	39.891	1.949	2.10%	2.45%	± 5%	Jul. 24, 2024	21.9	22.3
2549.5	39.067	1.906	39.884	1.953	2.09%	2.46%	± 5%	Jul. 24, 2024	21.9	22.3
2560	39.053	1.917	39.872	1.965	2.10%	2.49%	± 5%	Jul. 24, 2024	21.9	22.3
2580	39.027	1.939	39.848	1.986	2.10%	2.44%	± 5%	Jul. 24, 2024	21.9	22.3
2592.99	39.009	1.953	39.831	2.001	2.11%	2.48%	± 5%	Jul. 24, 2024	21.9	22.3
2593	39.009	1.953	39.830	2.002	2.10%	2.53%	± 5%	Jul. 24, 2024	21.9	22.3
2595	39.007	1.955	39.828	2.005	2.11%	2.58%	± 5%	Jul. 24, 2024	21.9	22.3
2600	39.000	1.960	39.823	2.009	2.11%	2.50%	± 5%	Jul. 24, 2024	21.9	22.3
2610	38.988	1.971	39.816	2.021	2.13%	2.54%	± 5%	Jul. 24, 2024	21.9	22.3
2636.5	38.954	2.000	39.779	2.049	2.12%	2.44%	± 5%	Jul. 24, 2024	21.9	22.3
2640	38.950	2.004	39.774	2.054	2.12%	2.50%	± 5%	Jul. 24, 2024	21.9	22.3
2680	38.900	2.048	39.727	2.101	2.13%	2.59%	± 5%	Jul. 24, 2024	21.9	22.3
2506	39.125	1.860	38.321	1.793	-2.06%	-3.59%	± 5%	Jul. 25, 2024	22.2	22.5
2510	39.120	1.864	38.315	1.799	-2.06%	-3.49%	± 5%	Jul. 25, 2024	22.2	22.5
2535	39.087	1.891	38.275	1.827	-2.08%	-3.37%	± 5%	Jul. 25, 2024	22.2	22.5
2546.01	39.072	1.902	38.261	1.839	-2.08%	-3.33%	± 5%	Jul. 25, 2024	22.2	22.5
2549.5	39.067	1.906	38.254	1.843	-2.08%	-3.31%	± 5%	Jul. 25, 2024	22.2	22.5
2560	39.053	1.917	38.242	1.855	-2.08%	-3.25%	± 5%	Jul. 25, 2024	22.2	22.5
2580	39.027	1.939	38.218	1.876	-2.07%	-3.23%	± 5%	Jul. 25, 2024	22.2	22.5
2592.99	39.009	1.953	38.201	1.891	-2.07%	-3.15%	± 5%	Jul. 25, 2024	22.2	22.5
2593	39.009	1.953	38.200	1.892	-2.07%	-3.10%	± 5%	Jul. 25, 2024	22.2	22.5
2595	39.007	1.955	38.198	1.895	-2.07%	-3.05%	± 5%	Jul. 25, 2024	22.2	22.5
2600	39.000	1.960	38.193	1.899	-2.07%	-3.11%	± 5%	Jul. 25, 2024	22.2	22.5
2610	38.988	1.971	38.186	1.911	-2.06%	-3.04%	± 5%	Jul. 25, 2024	22.2	22.5
2636.5	38.954	2.000	38.149	1.939	-2.07%	-3.06%	± 5%	Jul. 25, 2024	22.2	22.5
2640	38.950	2.004	38.144	1.944	-2.07%	-2.99%	± 5%	Jul. 25, 2024	22.2	22.5
2680	38.900	2.048	38.097	1.991	-2.06%	-2.78%	± 5%	Jul. 25, 2024	22.2	22.5
2510	39.120	1.864	38.989	1.852	-0.33%	-0.64%	± 5%	Jul. 26, 2024	22.3	22.7
2535	39.087	1.891	38.949	1.880	-0.35%	-0.56%	± 5%	Jul. 26, 2024	22.3	22.7
2560	39.053	1.917	38.916	1.908	-0.35%	-0.49%	± 5%	Jul. 26, 2024	22.3	22.7
2580	39.027	1.939	38.892	1.929	-0.35%	-0.50%	± 5%	Jul. 26, 2024	22.3	22.7
2595	39.007	1.955	38.872	1.946	-0.35%	-0.44%	± 5%	Jul. 26, 2024	22.3	22.7
2600	39.000	1.960	38.867	1.952	-0.34%	-0.41%	± 5%	Jul. 26, 2024	22.3	22.7
2610	38.988	1.971	38.860	1.964	-0.33%	-0.36%	± 5%	Jul. 26, 2024	22.3	22.7
2506	39.125	1.860	39.852	1.901	1.86%	2.22%	± 5%	Jul. 27, 2024	22.1	22.4
2510	39.120	1.864	39.853	1.907	1.87%	2.31%	± 5%	Jul. 27, 2024	22.1	22.4
2549.5	39.067	1.906	39.794	1.952	1.86%	2.41%	± 5%	Jul. 27, 2024	22.1	22.4
2593	39.009	1.953	39.739	2.001	1.87%	2.48%	± 5%	Jul. 27, 2024	22.1	22.4

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

2600	39.000	1.960	39.736	2.012	1.89%	2.65%	± 5%	Jul. 27, 2024	22.1	22.4
2636.5	38.954	2.000	39.686	2.048	1.88%	2.39%	± 5%	Jul. 27, 2024	22.1	22.4
2680	38.900	2.048	39.639	2.102	1.90%	2.64%	± 5%	Jul. 27, 2024	22.1	22.4
2510	39.120	1.864	40.316	1.929	3.06%	3.49%	± 5%	Jul. 28, 2024	22.2	22.5
2535	39.087	1.891	40.276	1.957	3.04%	3.51%	± 5%	Jul. 28, 2024	22.2	22.5
2546.01	39.072	1.902	40.262	1.969	3.05%	3.50%	± 5%	Jul. 28, 2024	22.2	22.5
2560	39.053	1.917	40.243	1.985	3.05%	3.53%	± 5%	Jul. 28, 2024	22.2	22.5
2580	39.027	1.939	40.219	2.006	3.06%	3.47%	± 5%	Jul. 28, 2024	22.2	22.5
2592.99	39.009	1.953	40.202	2.021	3.06%	3.51%	± 5%	Jul. 28, 2024	22.2	22.5
2595	39.007	1.955	40.199	2.023	3.06%	3.50%	± 5%	Jul. 28, 2024	22.2	22.5
2600	39.000	1.960	40.194	2.029	3.06%	3.52%	± 5%	Jul. 28, 2024	22.2	22.5
2610	38.988	1.971	40.187	2.041	3.08%	3.55%	± 5%	Jul. 28, 2024	22.2	22.5
2640	38.950	2.004	40.145	2.074	3.07%	3.49%	± 5%	Jul. 28, 2024	22.2	22.5
2506	39.125	1.860	39.735	1.881	1.56%	1.14%	± 5%	Jul. 29, 2024	22.1	22.4
2510	39.120	1.864	39.729	1.887	1.56%	1.23%	± 5%	Jul. 29, 2024	22.1	22.4
2535	39.087	1.891	39.689	1.915	1.54%	1.29%	± 5%	Jul. 29, 2024	22.1	22.4
2549.5	39.067	1.906	39.668	1.931	1.54%	1.30%	± 5%	Jul. 29, 2024	22.1	22.4
2560	39.053	1.917	39.656	1.943	1.54%	1.34%	± 5%	Jul. 29, 2024	22.1	22.4
2580	39.027	1.939	39.632	1.964	1.55%	1.31%	± 5%	Jul. 29, 2024	22.1	22.4
2593	39.009	1.953	39.614	1.978	1.55%	1.30%	± 5%	Jul. 29, 2024	22.1	22.4
2595	39.007	1.955	39.612	1.981	1.55%	1.35%	± 5%	Jul. 29, 2024	22.1	22.4
2600	39.000	1.960	39.607	1.987	1.56%	1.38%	± 5%	Jul. 29, 2024	22.1	22.4
2610	38.988	1.971	39.600	2.012	1.57%	2.08%	± 5%	Jul. 29, 2024	22.1	22.4
2636.5	38.954	2.000	39.563	2.027	1.56%	1.34%	± 5%	Jul. 29, 2024	22.1	22.4
2680	38.900	2.048	39.511	2.079	1.57%	1.51%	± 5%	Jul. 29, 2024	22.1	22.4
2510	39.120	1.864	37.372	1.774	-4.47%	-4.83%	± 5%	Jul. 30, 2024	21.4	21.8
2535	39.087	1.891	37.332	1.802	-4.49%	-4.69%	± 5%	Jul. 30, 2024	21.4	21.8
2546.01	39.072	1.902	37.318	1.814	-4.49%	-4.65%	± 5%	Jul. 30, 2024	21.4	21.8
2560	39.053	1.917	37.299	1.830	-4.49%	-4.55%	± 5%	Jul. 30, 2024	21.4	21.8
2580	39.027	1.939	37.275	1.851	-4.49%	-4.52%	± 5%	Jul. 30, 2024	21.4	21.8
2592.99	39.009	1.953	37.258	1.866	-4.49%	-4.43%	± 5%	Jul. 30, 2024	21.4	21.8
2595	39.007	1.955	37.255	1.868	-4.49%	-4.43%	± 5%	Jul. 30, 2024	21.4	21.8
2600	39.000	1.960	37.250	1.874	-4.49%	-4.39%	± 5%	Jul. 30, 2024	21.4	21.8
2610	38.988	1.971	37.243	1.886	-4.47%	-4.31%	± 5%	Jul. 30, 2024	21.4	21.8
2640	38.950	2.004	37.201	1.919	-4.49%	-4.24%	± 5%	Jul. 30, 2024	21.4	21.8
3410	38.008	2.818	36.339	2.702	-4.39%	-4.12%	± 5%	Jul. 31, 2024	21.7	22.1
3460	37.948	2.869	36.287	2.751	-4.38%	-4.12%	± 5%	Jul. 31, 2024	21.7	22.1
3499.99	37.900	2.910	36.234	2.792	-4.40%	-4.05%	± 5%	Jul. 31, 2024	21.7	22.1

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.

3500	37.900	2.910	36.232	2.793	-4.40%	-4.02%	± 5%	Jul. 31, 2024	21.7	22.1
3500.01	37.900	2.910	36.229	2.792	-4.41%	-4.06%	± 5%	Jul. 31, 2024	21.7	22.1
3509	37.891	2.919	36.221	2.801	-4.41%	-4.05%	± 5%	Jul. 31, 2024	21.7	22.1
3537.51	37.862	2.949	36.195	2.829	-4.40%	-4.07%	± 5%	Jul. 31, 2024	21.7	22.1
3540	37.860	2.952	36.192	2.830	-4.41%	-4.12%	± 5%	Jul. 31, 2024	21.7	22.1
3541	37.859	2.953	36.191	2.831	-4.41%	-4.12%	± 5%	Jul. 31, 2024	21.7	22.1
3560	37.840	2.972	36.178	2.847	-4.39%	-4.22%	± 5%	Jul. 31, 2024	21.7	22.1
3570	37.830	2.983	36.169	2.856	-4.39%	-4.25%	± 5%	Jul. 31, 2024	21.7	22.1
3575	37.825	2.988	36.163	2.862	-4.39%	-4.22%	± 5%	Jul. 31, 2024	21.7	22.1
3590	37.810	3.004	36.147	2.878	-4.40%	-4.18%	± 5%	Jul. 31, 2024	21.7	22.1
3410	38.008	2.818	38.798	2.880	2.08%	2.19%	± 5%	Aug. 01, 2024	22.1	22.4
3460	37.948	2.869	38.746	2.929	2.10%	2.08%	± 5%	Aug. 01, 2024	22.1	22.4
3500	37.900	2.910	38.691	2.971	2.09%	2.10%	± 5%	Aug. 01, 2024	22.1	22.4
3509	37.891	2.919	38.680	2.979	2.08%	2.04%	± 5%	Aug. 01, 2024	22.1	22.4
3540	37.860	2.952	38.651	3.008	2.09%	1.91%	± 5%	Aug. 01, 2024	22.1	22.4
3541	37.859	2.953	38.650	3.009	2.09%	1.91%	± 5%	Aug. 01, 2024	22.1	22.4
3560	37.840	2.972	38.637	3.025	2.11%	1.77%	± 5%	Aug. 01, 2024	22.1	22.4
3575	37.825	2.988	38.623	3.041	2.11%	1.77%	± 5%	Aug. 01, 2024	22.1	22.4
3590	37.810	3.004	38.606	3.056	2.11%	1.74%	± 5%	Aug. 01, 2024	22.1	22.4
3410	38.008	2.818	38.211	2.843	0.53%	0.88%	± 5%	Aug. 02, 2024	21.9	22.3
3460	37.948	2.869	38.159	2.892	0.56%	0.79%	± 5%	Aug. 02, 2024	21.9	22.3
3500	37.900	2.910	38.104	2.934	0.54%	0.82%	± 5%	Aug. 02, 2024	21.9	22.3
3509	37.891	2.919	38.093	2.942	0.53%	0.78%	± 5%	Aug. 02, 2024	21.9	22.3
3540	37.860	2.952	38.064	2.971	0.54%	0.66%	± 5%	Aug. 02, 2024	21.9	22.3
3541	37.859	2.953	38.063	2.972	0.54%	0.66%	± 5%	Aug. 02, 2024	21.9	22.3
3560	37.840	2.972	38.050	2.988	0.55%	0.52%	± 5%	Aug. 02, 2024	21.9	22.3
3575	37.825	2.988	38.034	3.002	0.55%	0.47%	± 5%	Aug. 02, 2024	21.9	22.3
3590	37.810	3.004	38.019	3.019	0.55%	0.51%	± 5%	Aug. 02, 2024	21.9	22.3
3499.99	37.900	2.910	38.545	2.818	1.70%	-3.16%	± 5%	Aug. 03, 2024	21.5	21.8
3500	37.900	2.910	38.554	2.819	1.73%	-3.13%	± 5%	Aug. 03, 2024	21.5	21.8
3500.01	37.900	2.910	37.967	2.821	0.18%	-3.06%	± 5%	Aug. 03, 2024	21.5	21.8
3537.51	37.862	2.949	37.926	2.849	0.17%	-3.39%	± 5%	Aug. 03, 2024	21.5	21.8
3570	37.830	2.983	37.913	2.875	0.22%	-3.61%	± 5%	Aug. 03, 2024	21.5	21.8
3575.01	37.825	2.988	37.882	2.881	0.15%	-3.58%	± 5%	Aug. 03, 2024	21.5	21.8
3609	37.791	3.023	38.259	3.062	1.24%	1.28%	± 5%	Aug. 04, 2024	22.3	22.6
3612.51	37.787	3.027	38.255	3.068	1.24%	1.35%	± 5%	Aug. 04, 2024	22.3	22.6
3625.02	37.775	3.040	38.244	3.081	1.24%	1.35%	± 5%	Aug. 04, 2024	22.3	22.6
3641	37.759	3.057	38.233	3.096	1.26%	1.29%	± 5%	Aug. 04, 2024	22.3	22.6
3650.01	37.750	3.066	38.227	3.107	1.26%	1.34%	± 5%	Aug. 04, 2024	22.3	22.6
3660	37.740	3.076	38.224	3.116	1.28%	1.29%	± 5%	Aug. 04, 2024	22.3	22.6
3662.5	37.738	3.079	38.221	3.119	1.28%	1.30%	± 5%	Aug. 04, 2024	22.3	22.6
3665	37.735	3.082	38.219	3.122	1.28%	1.31%	± 5%	Aug. 04, 2024	22.3	22.6
3679.98	37.720	3.097	38.206	3.139	1.29%	1.35%	± 5%	Aug. 04, 2024	22.3	22.6
3690	37.710	3.108	38.198	3.148	1.29%	1.30%	± 5%	Aug. 04, 2024	22.3	22.6

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

3700	37.700	3.118	38.185	3.159	1.29%	1.31%	± 5%	Aug. 04, 2024	22.3	22.6
3750	37.650	3.170	38.137	3.212	1.29%	1.32%	± 5%	Aug. 04, 2024	22.3	22.6
3795	37.605	3.217	38.098	3.259	1.31%	1.31%	± 5%	Aug. 04, 2024	22.3	22.6
3609	37.791	3.023	37.200	2.975	-1.56%	-1.60%	± 5%	Aug. 05, 2024	22.1	22.4
3625.02	37.775	3.040	37.185	2.994	-1.56%	-1.51%	± 5%	Aug. 05, 2024	22.1	22.4
3641	37.759	3.057	37.174	3.009	-1.55%	-1.56%	± 5%	Aug. 05, 2024	22.1	22.4
3665	37.735	3.082	37.161	3.035	-1.52%	-1.51%	± 5%	Aug. 05, 2024	22.1	22.4
3679.98	37.720	3.097	37.147	3.052	-1.52%	-1.46%	± 5%	Aug. 05, 2024	22.1	22.4
3690	37.710	3.108	37.139	3.061	-1.51%	-1.50%	± 5%	Aug. 05, 2024	22.1	22.4
3700	37.700	3.118	37.126	3.072	-1.52%	-1.48%	± 5%	Aug. 05, 2024	22.1	22.4
3679.98	37.720	3.097	38.859	3.233	3.02%	4.39%	± 5%	Aug. 06, 2024	22.0	22.3
3700	37.700	3.118	38.836	3.210	3.01%	2.95%	± 5%	Aug. 06, 2024	22.0	22.3
3750	37.650	3.170	38.785	3.262	3.01%	2.90%	± 6%	Aug. 06, 2024	22.0	22.3
3795	37.605	3.217	38.746	3.309	3.03%	2.87%	± 5%	Aug. 06, 2024	22.0	22.3
3609	37.791	3.023	38.907	3.112	2.95%	2.93%	± 5%	Aug. 07, 2024	21.7	22.1
3625.02	37.775	3.040	38.892	3.131	2.96%	2.99%	± 5%	Aug. 07, 2024	21.7	22.1
3641	37.759	3.057	38.881	3.146	2.97%	2.92%	± 5%	Aug. 07, 2024	21.7	22.1
3650.01	37.750	3.066	38.875	3.157	2.98%	2.97%	± 5%	Aug. 07, 2024	21.7	22.1
3660	37.740	3.076	38.864	3.166	2.98%	2.91%	± 5%	Aug. 07, 2024	21.7	22.1
3662.5	37.738	3.079	38.861	3.169	2.98%	2.92%	± 5%	Aug. 07, 2024	21.7	22.1
3665	37.735	3.082	38.857	3.172	2.97%	2.93%	± 5%	Aug. 07, 2024	21.7	22.1
3679.98	37.720	3.097	38.844	3.189	2.98%	2.96%	± 5%	Aug. 07, 2024	21.7	22.1
3690	37.710	3.108	38.836	3.198	2.99%	2.91%	± 5%	Aug. 07, 2024	21.7	22.1
3700	37.700	3.118	38.823	3.209	2.98%	2.92%	± 5%	Aug. 07, 2024	21.7	22.1
3750	37.650	3.170	38.775	3.262	2.99%	2.90%	± 5%	Aug. 07, 2024	21.7	22.1
3795	37.605	3.217	38.736	3.309	3.01%	2.87%	± 5%	Aug. 07, 2024	21.7	22.1
3840	37.560	3.264	38.053	3.306	1.31%	1.30%	± 5%	Aug. 08, 2024	22.2	22.5
3885	37.515	3.310	38.009	3.354	1.32%	1.32%	± 5%	Aug. 08, 2024	22.2	22.5
3900	37.500	3.326	37.998	3.371	1.33%	1.35%	± 5%	Aug. 08, 2024	22.2	22.5
3930	37.470	3.357	37.964	3.402	1.32%	1.33%	± 5%	Aug. 08, 2024	22.2	22.5

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.

3.4 The composition of the tissue simulating liquid:

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

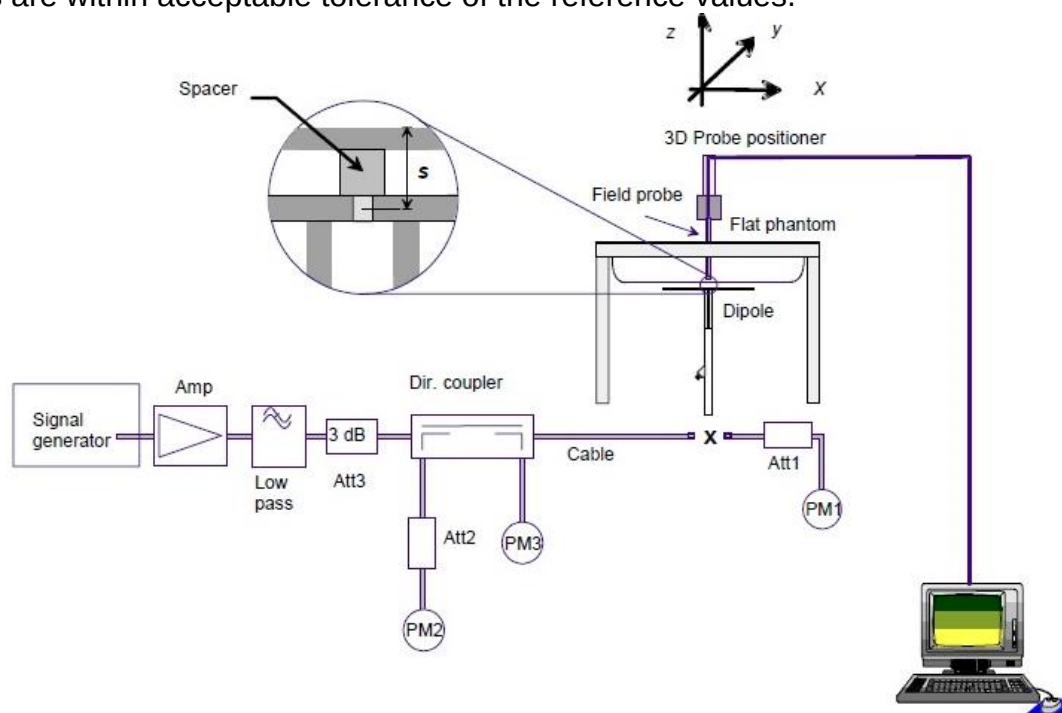
Broad-band head tissue simulating liquids	SPEAG Product	Frequency range (MHz)	Main Ingredients
	HBBL600-10000V6	600 - 10000	Water, Oil

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	2.18	8.72	1.04	± 10%	Jul.16,2024
D835V2	4d063	835	9.53	2.44	9.76	2.41	± 10%	Jul.18,2024
D1750V2	1158	1750	36.8	9.02	36.08	-1.96	± 10%	Jul.19,2024
D1900V2	5d173	1900	39.9	10.2	40.8	2.26	± 10%	Jul.21,2024
D2300V2	1023	2300	48.9	12.6	50.4	3.07	± 10%	Jul.23,2024
D2600V2	1005	2600	56	13.4	53.6	-4.29	± 10%	Jul.24,2024
D2600V2	1005	2600	56	13.7	54.8	-2.14	± 10%	Jul.25,2024
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
D3500V2	1009	3500	65.8	6.3	63	-4.26	± 10%	Jul.31,2024
D3700V2	1057	3700	67.7	6.87	68.7	1.48	± 10%	Aug.04,2024
D3900V2	1032	3900	67.9	6.49	64.9	-4.42	± 10%	Aug.08,2024

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

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).
- **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.
 - 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

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.

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 configurations. The TDD-LTE of this device supports frame structure type 2 defined in 3GPP TS 36.211 section 4.2, and the frame structure configuration can be tabulated as below.

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.

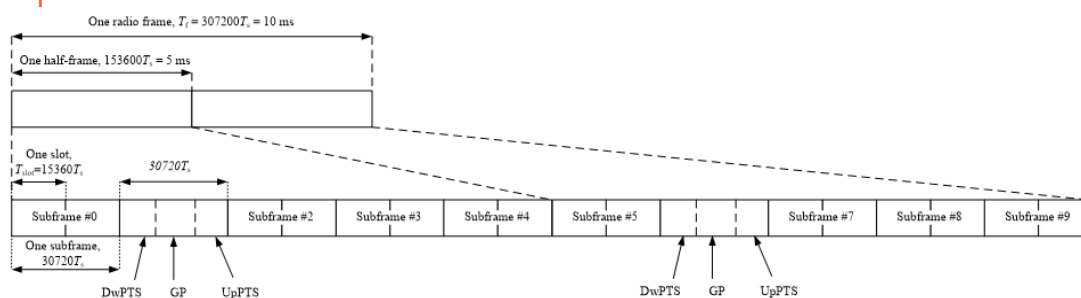


Figure 4.2-1: Frame structure type 2 (for 5 ms switch-point periodicity).

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		
	<u>DwPTS</u>	<u>UpPTS</u>		<u>DwPTS</u>	<u>UpPTS</u>	
		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	$13168 \cdot T_s$					

Table 4.2-2: Uplink-downlink configurations

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 <u>ms</u> ^a	D ^a	S ^a	U ^a	U ^a	U ^a	D ^a	S ^a	U ^a	U ^a	U ^a
1 ^a	5 <u>ms</u> ^a	D ^a	S ^a	U ^a	U ^a	D ^a	D ^a	S ^a	U ^a	U ^a	D ^a
2 ^a	5 <u>ms</u> ^a	D ^a	S ^a	U ^a	D ^a	D ^a	S ^a	U ^a	U ^a	D ^a	D ^a
3 ^a	10 <u>ms</u> ^a	D ^a	S ^a	U ^a	U ^a	U ^a	D ^a	D ^a	D ^a	D ^a	D ^a
4 ^a	10 <u>ms</u> ^a	D ^a	S ^a	U ^a	U ^a	D ^a	D ^a	D ^a	D ^a	D ^a	D ^a
5 ^a	10 <u>ms</u> ^a	D ^a	S ^a	U ^a	D ^a	D ^a	D ^a	D ^a	D ^a	D ^a	D ^a
6 ^a	5 <u>ms</u> ^a	D ^a	S ^a	U ^a	U ^a	D ^a	S ^a	U ^a	U ^a	U ^a	D ^a

Considering the highest transmission duty cycle, TDD LTE was tested using Uplink-Downlink configuration 0 with 6 uplink subframe and 2 special subframe. The special subframe was set to special subframe configuration 6 using extended cyclic prefix uplink. Therefore, SAR testing for TDD LTE was measured at the maximum output power with highest transmission duty cycle of 63.33%.

- **LTE downlink CA:** The device supports the carrier aggregation in the downlink.

Uplink maximum output power is measured with downlink carrier aggregation active,

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.

only for the channel with highest measured maximum output power when downlink carrier aggregation is inactive, to confirm that when downlink carrier aggregation is active uplink maximum output power remains within the specified tune-up tolerance limits and not more than $\frac{1}{4}$ dB higher than the maximum output power measured when downlink carrier aggregation inactive. The downlink channels selected to perform the uplink power measurement must satisfy 3GPP channel spacing (5.4.1A of 3GPP TS 36.521 or equivalent) and channel bandwidth (5.4.2A) requirements. The nominal channel spacing is determined by $[BW1 + BW2 - 0.1 \cdot |BW1 - BW2|]/2$ MHz, where BW1 and BW2 are the channel bandwidths of the CC in a 2-CC aggregation configuration. The downlink PCC channel should be paired with the uplink channel according to normal configurations, as if there is no carrier aggregation. The downlink SCC should be adjacent to the PCC and remain within the downlink transmission band for contiguous intra-band CA. For non-contiguous intra-band CA, the SCC should be selected to provide maximum separation from the PCC and must remain fully within the downlink transmission band. For inter-band CA, the SCC should be near the middle of its transmission band. When downlink carrier aggregation is active uplink maximum output power remain within the specified tune-up tolerance limits and not more than $\frac{1}{4}$ dB higher than the maximum output power measured when downlink carrier aggregation inactive, so SAR evaluation is not required for downlink carrier aggregation.

- **LTE intra-band UL CA (contiguous):** The device supports LTE intra-band contiguous UL CA. The maximum output power is measured for each UL CA configuration for the required test channels. UL PCC configuration is determined by the required test channel. SCC and subsequent CCs are added alternatively to either side of the PCC or within the transmission band for channels at the ends of a frequency band. SAR for UL CA is required in highest standalone head/body test position and frequency band combination. Since the maximum output for UL CA is $\leq$ standalone LTE mode (without CA), PCC is configured according to the highest standalone SAR configuration tested, SCC and subsequent CCs are configured according to procedures used for power measurement and parameters (BW, RB etc.) similar to that used for the PCC.

- **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 $\frac{1}{2}$ 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 $\frac{1}{2}$ dB higher than Pi/2 BPSK and QPSK. Smaller bandwidth output power will also follow the largest bandwidth to ensure output power will not $\frac{1}{2}$ dB higher than largest supported bandwidth. **c.** SAR

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.

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 $\frac{1}{2}$ 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 $\frac{1}{2}$ dB higher than the same configuration in the largest supported bandwidth, and the reported SAR for the largest supported bandwidth is ≤ 1.45 W/kg, smaller bandwidth SAR testing is not required for this device.

- **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 ≤ 50 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) : $474.3416 \cdot [1 + \log(100/13.56)] = 885.9469 \text{ mW}$
- a) : $885.9469 \cdot 0.5 = 442.973 \text{ mW}$

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 -64.76dBm (converted from 10.4 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)	EIRP (dBm)	EIRP (mW)	Threshold (mW)
13.56	10.4	30	-64.75757	0.000000334	442.973

- **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:

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.

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 0.000.

$[0.000000334/5] \cdot [\sqrt{0.01356/7.5}] = 0.000000001$ W/kg

• **LTE band 43 SAR test was covered** by Band 48 based on the following guidance from April 2015 TCB workshop,

SAR test for overlapping LTE bands can be reduced if

- the maximum output power, including tolerance, for the smaller band must be $\leq$ the larger band to qualify for the SAR test exclusion
- the channel bandwidth and other operating parameters for the smaller band must be fully supported by the larger band

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

Laptop mode SAR test position (0mm)

For laptop PC, according to KDB 616217 D04, SAR evaluation is required for the bottom surface of the keyboard. This EUT was tested in the base of EUT directly against the flat phantom. The required minimum test separation distance for incorporating transmitters and antennas into laptop computer display is determined with the display screen opened at an angle of 90° to the keyboard compartment.

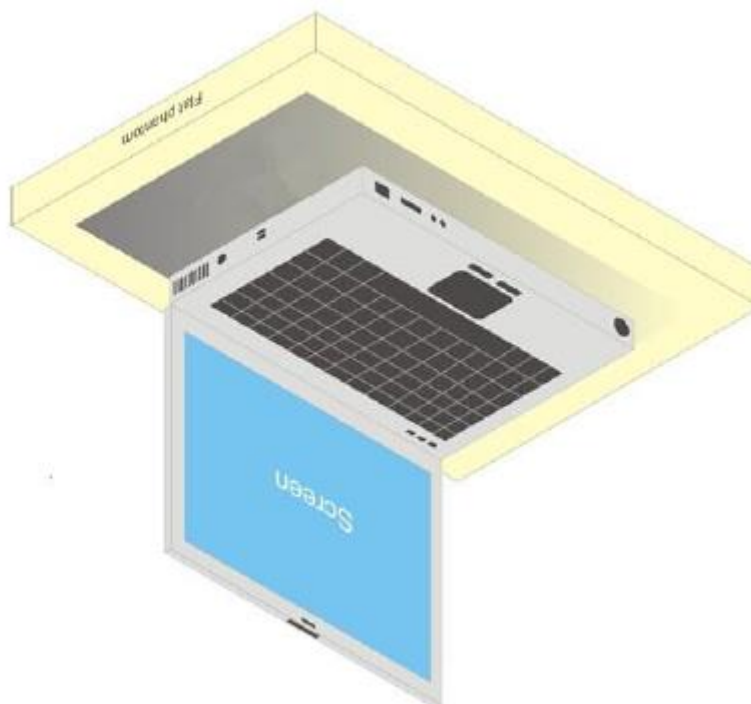


Illustration for Laptop Setup

For Laptop mode, WWAN SAR is measured based on KDB 616217 D04, and WLAN SAR is referred to Intel module SAR level.

(For BE200NGW, refer to Report No.: 230526-08.TR13, 230526-08.TR21, 230526-08.TR12)

(For AX211NGW, refer to Report No.: 200611-01.TR07, 210209-01.TR10, 200611-01.TR40)

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 WCDMA

Band		WCDMA II		
TX Channel		9262	9400	9538
Frequency (MHz)		1852.4	1880	1907.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		24.50		
3GPP Rel 99	RMC 12.2Kbps	24.16	24.20	23.79
3GPP Rel 5	HSDPA Subtest-1	23.23	23.07	22.67
	HSDPA Subtest-2	23.20	23.06	22.64
	HSDPA Subtest-3	22.69	22.56	22.12
	HSDPA Subtest-4	22.64	22.49	22.18
3GPP Rel 6	HSUPA Subtest-1	22.91	22.90	22.55
	HSUPA Subtest-2	20.90	21.00	20.53
	HSUPA Subtest-3	22.00	21.91	21.55
	HSUPA Subtest-4	21.07	20.86	20.53
	HSUPA Subtest-5	23.06	23.09	22.62
3GPP Rel 7	HSPA+	20.55	20.34	20.02
3GPP Rel 8	DC-HSDPA Subtest-1	23.08	22.93	22.53
	DC-HSDPA Subtest-2	22.96	22.79	22.59
	DC-HSDPA Subtest-3	22.64	22.52	22.12
	DC-HSDPA Subtest-4	22.56	22.30	22.03
Band		WCDMA IV		
TX Channel		1312	1413	1513
Frequency (MHz)		1712.4	1732.6	1752.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		24.50		
3GPP Rel 99	RMC 12.2Kbps	24.16	24.44	24.43
3GPP Rel 5	HSDPA Subtest-1	23.11	23.37	23.48
	HSDPA Subtest-2	23.13	23.46	23.28
	HSDPA Subtest-3	22.55	22.83	22.77
	HSDPA Subtest-4	22.60	22.72	22.88
3GPP Rel 6	HSUPA Subtest-1	23.09	23.36	23.49
	HSUPA Subtest-2	21.04	21.46	21.41
	HSUPA Subtest-3	22.15	22.43	22.38
	HSUPA Subtest-4	21.14	21.37	21.43
	HSUPA Subtest-5	23.20	23.34	23.41
3GPP Rel 7	HSPA+	20.65	20.87	20.72
3GPP Rel 8	DC-HSDPA Subtest-1	23.16	23.31	23.45
	DC-HSDPA Subtest-2	23.21	23.33	23.42
	DC-HSDPA Subtest-3	22.58	22.81	22.85
	DC-HSDPA Subtest-4	22.75	22.80	22.92

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		WCDMA V		
TX Channel		4132	4183	4233
Frequency (MHz)		826.4	836.6	846.6
Max. Rated Avg. Power+Max. Tolerance (dBm)		24.50		
3GPP Rel 99	RMC 12.2Kbps	24.10	24.01	24.03
3GPP Rel 5	HSDPA Subtest-1	22.97	22.88	22.99
	HSDPA Subtest-2	22.96	23.02	22.88
	HSDPA Subtest-3	22.46	22.35	22.48
	HSDPA Subtest-4	22.60	22.40	22.49
3GPP Rel 6	HSUPA Subtest-1	22.93	22.94	22.90
	HSUPA Subtest-2	20.95	20.96	20.89
	HSUPA Subtest-3	21.96	21.89	22.00
	HSUPA Subtest-4	21.06	20.95	21.02
	HSUPA Subtest-5	23.08	23.02	22.81
3GPP Rel 7	HSPA+	20.61	20.35	20.52
3GPP Rel 8	DC-HSDPA Subtest-1	22.92	22.98	22.92
	DC-HSDPA Subtest-2	23.14	22.87	23.03
	DC-HSDPA Subtest-3	22.49	22.49	22.46
	DC-HSDPA Subtest-4	22.54	22.54	22.47

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 FDD LTE

MAIN

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	23.22	23.37	23.27	24.00	0
		1	50	23.06	23.26	23.08	24.00	0
		1	99	23.00	23.13	23.06	24.00	0
		50	0	22.15	22.16	22.09	23.00	1
		50	25	22.12	22.27	22.07	23.00	1
		50	50	22.05	22.22	22.18	23.00	1
		100	0	22.01	22.30	22.01	23.00	1
20	16-QAM	1	0	21.93	22.16	22.09	23.00	1
		1	50	22.04	22.29	22.15	23.00	1
		1	99	22.06	22.28	22.18	23.00	1
		50	0	21.08	21.23	21.06	22.00	2
		50	25	20.95	21.10	21.09	22.00	2
		50	50	21.08	21.27	21.20	22.00	2
		100	0	21.16	21.23	21.04	22.00	2
20	64-QAM	1	0	21.02	21.12	21.06	22.00	2
		1	50	21.15	21.29	21.14	22.00	2
		1	99	21.06	21.25	21.08	22.00	2
		50	0	20.14	20.21	20.12	21.00	3
		50	25	20.09	20.21	20.21	21.00	3
		50	50	19.96	20.17	20.24	21.00	3
		100	0	19.93	20.19	20.09	21.00	3
20	256-QAM	1	0	20.06	20.27	20.13	21.00	3
		1	50	19.99	20.19	20.21	21.00	3
		1	99	20.01	20.22	20.21	21.00	3
		50	0	19.20	19.19	19.17	20.00	4
		50	25	18.99	19.29	19.18	20.00	4
		50	50	19.00	19.31	19.13	20.00	4
		100	0	19.03	19.28	19.07	20.00	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

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	23.00	23.13	23.13	24.00	0
		1	36	23.13	23.17	23.25	24.00	0
		1	74	23.13	23.20	23.06	24.00	0
		36	0	22.01	22.18	22.10	23.00	1
		36	18	22.17	22.21	22.14	23.00	1
		36	37	21.93	22.19	22.12	23.00	1
		75	0	22.01	22.16	22.16	23.00	1
15	16-QAM	1	0	22.01	22.13	22.07	23.00	1
		1	36	22.03	22.23	22.01	23.00	1
		1	74	21.96	22.23	22.07	23.00	1
		36	0	21.04	21.14	21.16	22.00	2
		36	18	21.10	21.25	21.12	22.00	2
		36	37	20.95	21.16	21.12	22.00	2
		75	0	21.11	21.20	21.10	22.00	2
15	64-QAM	1	0	21.15	21.30	21.00	22.00	2
		1	36	21.09	21.24	21.10	22.00	2
		1	74	21.01	21.23	21.23	22.00	2
		36	0	20.16	20.13	20.02	21.00	3
		36	18	20.07	20.20	20.16	21.00	3
		36	37	20.06	20.19	20.05	21.00	3
		75	0	20.04	20.23	20.18	21.00	3
15	256-QAM	1	0	20.07	20.23	20.08	21.00	3
		1	36	20.07	20.20	20.01	21.00	3
		1	74	19.98	20.15	20.25	21.00	3
		36	0	19.02	19.23	19.07	20.00	4
		36	18	19.13	19.25	19.12	20.00	4
		36	37	19.09	19.16	19.11	20.00	4
		75	0	19.13	19.25	19.18	20.00	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.

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	23.09	23.21	23.14	24.00	0
		1	25	23.08	23.19	23.17	24.00	0
		1	49	23.08	23.22	23.12	24.00	0
		25	0	21.96	22.13	22.03	23.00	1
		25	12	21.94	22.14	22.14	23.00	1
		25	25	22.02	22.14	22.09	23.00	1
		50	0	22.08	22.18	22.07	23.00	1
10	16-QAM	1	0	22.03	22.13	22.09	23.00	1
		1	25	22.15	22.18	22.06	23.00	1
		1	49	21.97	22.21	22.01	23.00	1
		25	0	21.09	21.20	21.02	22.00	2
		25	12	21.12	21.19	21.17	22.00	2
		25	25	20.99	21.14	21.05	22.00	2
		50	0	21.07	21.26	21.03	22.00	2
10	64-QAM	1	0	21.11	21.14	21.08	22.00	2
		1	25	20.97	21.23	21.05	22.00	2
		1	49	21.07	21.16	21.06	22.00	2
		25	0	20.07	20.12	20.06	21.00	3
		25	12	20.09	20.16	20.20	21.00	3
		25	25	20.12	20.20	20.03	21.00	3
		50	0	20.17	20.16	20.06	21.00	3
10	256-QAM	1	0	20.04	20.29	20.14	21.00	3
		1	25	20.08	20.25	20.20	21.00	3
		1	49	20.06	20.13	20.09	21.00	3
		25	0	19.10	19.21	19.10	20.00	4
		25	12	19.14	19.21	19.19	20.00	4
		25	25	19.03	19.21	19.25	20.00	4
		50	0	19.08	19.29	19.06	20.00	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

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	23.02	23.20	23.16	24.00	0
		1	12	23.01	23.08	23.05	24.00	0
		1	24	23.07	23.18	23.00	24.00	0
		12	0	22.12	22.30	22.17	23.00	1
		12	6	22.15	22.28	22.02	23.00	1
		12	13	22.01	22.15	22.04	23.00	1
		25	0	22.14	22.22	22.09	23.00	1
5	16-QAM	1	0	22.11	22.16	22.11	23.00	1
		1	12	21.96	22.19	22.08	23.00	1
		1	24	22.01	22.20	22.16	23.00	1
		12	0	21.02	21.18	21.20	22.00	2
		12	6	21.11	21.31	21.10	22.00	2
		12	13	21.03	21.29	21.09	22.00	2
		25	0	21.06	21.12	21.14	22.00	2
5	64-QAM	1	0	21.10	21.21	21.24	22.00	2
		1	12	21.08	21.22	21.16	22.00	2
		1	24	20.94	21.22	21.07	22.00	2
		12	0	20.05	20.21	20.09	21.00	3
		12	6	19.94	20.23	20.09	21.00	3
		12	13	20.07	20.24	20.12	21.00	3
		25	0	20.06	20.14	20.11	21.00	3
5	256-QAM	1	0	19.99	20.22	20.06	21.00	3
		1	12	20.01	20.21	20.14	21.00	3
		1	24	20.09	20.08	20.11	21.00	3
		12	0	18.99	19.27	19.13	20.00	4
		12	6	19.13	19.30	19.02	20.00	4
		12	13	19.15	19.33	19.10	20.00	4
		25	0	19.08	19.19	19.11	20.00	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.

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	23.07	23.25	23.12	24.00	0
		1	7	23.03	23.31	23.10	24.00	0
		1	14	23.06	23.31	23.06	24.00	0
		8	0	22.06	22.19	22.13	23.00	1
		8	4	22.06	22.21	22.04	23.00	1
		8	7	22.04	22.19	22.08	23.00	1
		15	0	22.03	22.15	22.15	23.00	1
3	16-QAM	1	0	22.05	22.20	22.11	23.00	1
		1	7	22.11	22.14	22.11	23.00	1
		1	14	22.11	22.22	22.22	23.00	1
		8	0	21.11	21.30	21.08	22.00	2
		8	4	21.16	21.27	21.14	22.00	2
		8	7	20.99	21.15	21.07	22.00	2
		15	0	21.12	21.25	21.12	22.00	2
3	64-QAM	1	0	21.07	21.24	21.09	22.00	2
		1	7	21.10	21.23	21.03	22.00	2
		1	14	21.06	21.30	21.12	22.00	2
		8	0	20.14	20.28	20.08	21.00	3
		8	4	20.08	20.13	20.16	21.00	3
		8	7	19.99	20.21	20.15	21.00	3
		15	0	20.04	20.24	20.08	21.00	3
3	256-QAM	1	0	20.09	20.14	20.09	21.00	3
		1	7	20.13	20.35	20.05	21.00	3
		1	14	19.96	20.11	20.08	21.00	3
		8	0	19.04	19.17	19.17	20.00	4
		8	4	19.20	19.23	19.12	20.00	4
		8	7	19.06	19.28	19.17	20.00	4
		15	0	19.03	19.25	19.12	20.00	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

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	22.84	23.08	22.94	24.00	0
		1	2	22.92	23.09	22.92	24.00	0
		1	5	22.87	23.08	22.92	24.00	0
		3	0	22.92	23.20	22.85	24.00	0
		3	2	22.79	23.04	23.05	24.00	0
		3	3	22.91	23.07	22.90	24.00	0
		6	0	21.92	21.99	22.10	23.00	1
1.4	16-QAM	1	0	21.97	22.13	22.09	23.00	1
		1	2	21.86	22.22	21.85	23.00	1
		1	5	21.88	22.10	21.95	23.00	1
		3	0	21.96	22.02	22.00	23.00	1
		3	2	21.84	22.05	22.03	23.00	1
		3	3	21.95	22.18	21.94	23.00	1
		6	0	20.97	21.03	20.88	22.00	2
1.4	64-QAM	1	0	20.91	21.03	20.91	22.00	2
		1	2	20.78	21.21	20.93	22.00	2
		1	5	20.90	21.08	20.98	22.00	2
		3	0	20.88	21.08	21.07	22.00	2
		3	2	21.05	21.04	20.83	22.00	2
		3	3	20.89	21.06	20.86	22.00	2
		6	0	19.83	20.07	19.97	21.00	3
1.4	256-QAM	1	0	19.85	20.07	19.93	21.00	3
		1	2	19.94	20.11	20.01	21.00	3
		1	5	19.95	20.05	20.01	21.00	3
		3	0	19.85	20.10	19.99	21.00	3
		3	2	19.99	20.09	19.88	21.00	3
		3	3	19.79	20.05	19.90	21.00	3
		6	0	18.98	19.16	18.93	20.00	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

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	23.57	23.95	23.80	24.00	0
		1	50	23.38	23.69	23.70	24.00	0
		1	99	23.40	23.77	23.73	24.00	0
		50	0	22.38	22.71	22.66	23.00	1
		50	25	22.46	22.74	22.52	23.00	1
		50	50	22.44	22.80	22.70	23.00	1
		100	0	22.50	22.79	22.73	23.00	1
20	16-QAM	1	0	22.47	22.82	22.65	23.00	1
		1	50	22.50	22.73	22.61	23.00	1
		1	99	22.34	22.72	22.63	23.00	1
		50	0	21.46	21.78	21.64	22.00	2
		50	25	21.36	21.86	21.67	22.00	2
		50	50	21.38	21.81	21.73	22.00	2
		100	0	21.33	21.87	21.66	22.00	2
20	64-QAM	1	0	21.42	21.91	21.70	22.00	2
		1	50	21.46	21.72	21.51	22.00	2
		1	99	21.45	21.86	21.59	22.00	2
		50	0	20.41	20.79	20.59	21.00	3
		50	25	20.47	20.78	20.66	21.00	3
		50	50	20.48	20.79	20.70	21.00	3
		100	0	20.34	20.78	20.62	21.00	3
20	256-QAM	1	0	20.42	20.73	20.58	21.00	3
		1	50	20.45	20.85	20.59	21.00	3
		1	99	20.43	20.75	20.72	21.00	3
		50	0	19.38	19.74	19.67	20.00	4
		50	25	19.43	19.83	19.71	20.00	4
		50	50	19.41	19.68	19.61	20.00	4
		100	0	19.43	19.83	19.73	20.00	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

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	23.43	23.88	23.64	24.00	0
		1	36	23.41	23.69	23.72	24.00	0
		1	74	23.38	23.73	23.68	24.00	0
		36	0	22.41	22.90	22.76	23.00	1
		36	18	22.41	22.80	22.66	23.00	1
		36	37	22.48	22.75	22.78	23.00	1
		75	0	22.53	22.89	22.64	23.00	1
15	16-QAM	1	0	22.44	22.68	22.65	23.00	1
		1	36	22.40	22.90	22.55	23.00	1
		1	74	22.47	22.76	22.70	23.00	1
		36	0	21.39	21.79	21.66	22.00	2
		36	18	21.32	21.89	21.71	22.00	2
		36	37	21.42	21.66	21.60	22.00	2
		75	0	21.41	21.92	21.65	22.00	2
15	64-QAM	1	0	21.34	21.78	21.70	22.00	2
		1	36	21.38	21.76	21.63	22.00	2
		1	74	21.38	21.85	21.72	22.00	2
		36	0	20.34	20.81	20.63	21.00	3
		36	18	20.27	20.89	20.60	21.00	3
		36	37	20.43	20.76	20.56	21.00	3
		75	0	20.40	20.85	20.64	21.00	3
15	256-QAM	1	0	20.52	20.75	20.61	21.00	3
		1	36	20.35	20.85	20.59	21.00	3
		1	74	20.37	20.80	20.73	21.00	3
		36	0	19.41	19.76	19.67	20.00	4
		36	18	19.42	19.80	19.64	20.00	4
		36	37	19.38	19.80	19.75	20.00	4
		75	0	19.39	19.78	19.58	20.00	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

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	23.46	23.70	23.60	24.00	0
		1	25	23.49	23.85	23.59	24.00	0
		1	49	23.43	23.79	23.66	24.00	0
		25	0	22.34	22.80	22.60	23.00	1
		25	12	22.47	22.90	22.75	23.00	1
		25	25	22.31	22.82	22.75	23.00	1
		50	0	22.31	22.86	22.52	23.00	1
10	16-QAM	1	0	22.46	22.87	22.58	23.00	1
		1	25	22.47	22.72	22.50	23.00	1
		1	49	22.43	22.79	22.69	23.00	1
		25	0	21.51	21.75	21.72	22.00	2
		25	12	21.40	21.73	21.66	22.00	2
		25	25	21.34	21.85	21.62	22.00	2
		50	0	21.35	21.79	21.66	22.00	2
10	64-QAM	1	0	21.36	21.86	21.65	22.00	2
		1	25	21.36	21.79	21.57	22.00	2
		1	49	21.42	21.68	21.68	22.00	2
		25	0	20.40	20.78	20.60	21.00	3
		25	12	20.44	20.79	20.58	21.00	3
		25	25	20.47	20.77	20.64	21.00	3
		50	0	20.28	20.89	20.71	21.00	3
10	256-QAM	1	0	20.40	20.70	20.52	21.00	3
		1	25	20.45	20.74	20.66	21.00	3
		1	49	20.52	20.84	20.55	21.00	3
		25	0	19.47	19.79	19.60	20.00	4
		25	12	19.52	19.73	19.71	20.00	4
		25	25	19.43	19.74	19.69	20.00	4
		50	0	19.31	19.87	19.68	20.00	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

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	23.27	23.78	23.74	24.00	0
		1	12	23.35	23.84	23.68	24.00	0
		1	24	23.46	23.73	23.60	24.00	0
		12	0	22.40	22.74	22.68	23.00	1
		12	6	22.43	22.78	22.55	23.00	1
		12	13	22.29	22.75	22.60	23.00	1
		25	0	22.40	22.68	22.62	23.00	1
5	16-QAM	1	0	22.38	22.89	22.67	23.00	1
		1	12	22.39	22.81	22.63	23.00	1
		1	24	22.33	22.84	22.62	23.00	1
		12	0	21.36	21.87	21.68	22.00	2
		12	6	21.41	21.89	21.59	22.00	2
		12	13	21.55	21.73	21.76	22.00	2
		25	0	21.43	21.76	21.57	22.00	2
5	64-QAM	1	0	21.51	21.79	21.76	22.00	2
		1	12	21.27	21.85	21.76	22.00	2
		1	24	21.42	21.76	21.62	22.00	2
		12	0	20.48	20.82	20.62	21.00	3
		12	6	20.32	20.82	20.63	21.00	3
		12	13	20.49	20.83	20.65	21.00	3
		25	0	20.40	20.73	20.53	21.00	3
5	256-QAM	1	0	20.39	20.75	20.68	21.00	3
		1	12	20.50	20.83	20.67	21.00	3
		1	24	20.34	20.70	20.65	21.00	3
		12	0	19.45	19.87	19.71	20.00	4
		12	6	19.36	19.69	19.70	20.00	4
		12	13	19.42	19.77	19.63	20.00	4
		25	0	19.38	19.77	19.69	20.00	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.

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	23.34	23.89	23.60	24.00	0
		1	7	23.32	23.76	23.52	24.00	0
		1	14	23.33	23.82	23.62	24.00	0
		8	0	22.38	22.82	22.54	23.00	1
		8	4	22.43	22.85	22.57	23.00	1
		8	7	22.37	22.73	22.63	23.00	1
		15	0	22.46	22.72	22.63	23.00	1
3	16-QAM	1	0	22.44	22.84	22.60	23.00	1
		1	7	22.34	22.85	22.66	23.00	1
		1	14	22.43	22.81	22.57	23.00	1
		8	0	21.41	21.69	21.70	22.00	2
		8	4	21.33	21.80	21.71	22.00	2
		8	7	21.41	21.82	21.65	22.00	2
		15	0	21.36	21.79	21.63	22.00	2
3	64-QAM	1	0	21.43	21.77	21.71	22.00	2
		1	7	21.44	21.81	21.54	22.00	2
		1	14	21.43	21.89	21.67	22.00	2
		8	0	20.43	20.71	20.56	21.00	3
		8	4	20.41	20.72	20.71	21.00	3
		8	7	20.39	20.79	20.71	21.00	3
		15	0	20.51	20.83	20.66	21.00	3
3	256-QAM	1	0	20.36	20.79	20.65	21.00	3
		1	7	20.36	20.70	20.69	21.00	3
		1	14	20.43	20.80	20.70	21.00	3
		8	0	19.35	19.85	19.50	20.00	4
		8	4	19.37	19.74	19.67	20.00	4
		8	7	19.40	19.79	19.62	20.00	4
		15	0	19.40	19.69	19.54	20.00	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

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	23.10	23.83	23.41	24.00	0
		1	2	23.28	23.70	23.47	24.00	0
		1	5	23.18	23.75	23.50	24.00	0
		3	0	23.08	23.81	23.45	24.00	0
		3	2	23.20	23.81	23.38	24.00	0
		3	3	23.11	23.70	23.52	24.00	0
		6	0	22.23	22.83	22.52	23.00	1
1.4	16-QAM	1	0	22.10	22.64	22.32	23.00	1
		1	2	22.24	22.75	22.39	23.00	1
		1	5	22.17	22.65	22.39	23.00	1
		3	0	22.25	22.77	22.41	23.00	1
		3	2	22.21	22.79	22.40	23.00	1
		3	3	22.22	22.76	22.40	23.00	1
		6	0	21.09	21.70	21.36	22.00	2
1.4	64-QAM	1	0	21.24	21.66	21.54	22.00	2
		1	2	21.17	21.76	21.34	22.00	2
		1	5	21.30	21.76	21.46	22.00	2
		3	0	21.24	21.72	21.31	22.00	2
		3	2	21.30	21.63	21.39	22.00	2
		3	3	21.18	21.79	21.44	22.00	2
		6	0	20.09	20.75	20.45	21.00	3
1.4	256-QAM	1	0	20.21	20.70	20.42	21.00	3
		1	2	20.15	20.61	20.50	21.00	3
		1	5	20.08	20.86	20.44	21.00	3
		3	0	20.21	20.80	20.50	21.00	3
		3	2	20.20	20.67	20.49	21.00	3
		3	3	20.20	20.65	20.47	21.00	3
		6	0	19.08	19.69	19.49	20.00	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

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	23.20	23.12	23.08	24.50	0
		1	25	22.97	23.05	23.06	24.50	0
		1	49	22.95	22.92	22.94	24.50	0
		25	0	22.00	21.95	21.97	23.50	1
		25	12	22.06	21.85	21.98	23.50	1
		25	25	22.15	21.94	21.94	23.50	1
		50	0	22.13	21.89	21.95	23.50	1
10	16-QAM	1	0	21.95	22.08	21.93	23.50	1
		1	25	21.97	22.08	21.99	23.50	1
		1	49	22.16	22.03	21.85	23.50	1
		25	0	21.03	20.92	20.98	22.50	2
		25	12	21.05	20.98	20.80	22.50	2
		25	25	21.03	20.97	20.79	22.50	2
		50	0	20.90	20.90	20.95	22.50	2
10	64-QAM	1	0	21.07	20.91	20.80	22.50	2
		1	25	21.02	20.92	20.93	22.50	2
		1	49	21.08	21.00	20.99	22.50	2
		25	0	19.96	19.94	19.95	21.50	3
		25	12	20.00	19.97	19.85	21.50	3
		25	25	20.05	19.97	19.81	21.50	3
		50	0	19.94	20.02	19.90	21.50	3
10	256-QAM	1	0	20.15	19.88	19.93	21.50	3
		1	25	20.01	20.00	19.80	21.50	3
		1	49	20.02	19.99	19.80	21.50	3
		25	0	19.08	18.89	18.86	20.50	4
		25	12	19.05	18.99	18.87	20.50	4
		25	25	19.04	18.96	19.03	20.50	4
		50	0	19.00	18.97	18.98	20.50	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

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	23.05	22.91	22.95	24.50	0
		1	12	23.12	22.88	22.89	24.50	0
		1	24	22.95	22.95	23.02	24.50	0
		12	0	22.09	21.94	21.94	23.50	1
		12	6	22.15	22.09	22.06	23.50	1
		12	13	21.97	21.98	21.84	23.50	1
		25	0	22.05	21.94	21.93	23.50	1
5	16-QAM	1	0	22.06	21.99	21.93	23.50	1
		1	12	21.97	21.85	21.92	23.50	1
		1	24	22.12	21.85	21.89	23.50	1
		12	0	20.97	20.87	20.96	22.50	2
		12	6	20.94	20.87	20.93	22.50	2
		12	13	21.01	20.92	20.89	22.50	2
		25	0	21.13	20.97	20.86	22.50	2
5	64-QAM	1	0	21.10	21.06	20.87	22.50	2
		1	12	21.01	20.94	20.96	22.50	2
		1	24	21.10	20.86	20.96	22.50	2
		12	0	20.03	19.91	20.01	21.50	3
		12	6	19.98	19.89	19.90	21.50	3
		12	13	20.09	19.91	19.88	21.50	3
		25	0	19.94	20.03	19.80	21.50	3
5	256-QAM	1	0	20.09	20.03	19.94	21.50	3
		1	12	20.06	20.03	19.80	21.50	3
		1	24	20.04	20.00	19.93	21.50	3
		12	0	19.02	18.89	18.88	20.50	4
		12	6	19.08	18.96	18.90	20.50	4
		12	13	19.12	18.93	18.79	20.50	4
		25	0	19.11	19.00	18.97	20.50	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

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	23.02	22.95	22.92	24.50	0
		1	7	23.10	22.91	22.92	24.50	0
		1	14	23.07	23.02	22.90	24.50	0
		8	0	21.96	21.92	21.86	23.50	1
		8	4	22.02	21.90	21.96	23.50	1
		8	7	22.11	21.93	21.81	23.50	1
		15	0	22.07	22.04	21.90	23.50	1
3	16-QAM	1	0	21.94	21.89	22.00	23.50	1
		1	7	21.95	22.01	21.97	23.50	1
		1	14	22.13	22.09	21.95	23.50	1
		8	0	21.03	20.93	20.86	22.50	2
		8	4	21.02	20.92	20.90	22.50	2
		8	7	21.12	21.00	20.88	22.50	2
		15	0	21.11	20.96	20.93	22.50	2
3	64-QAM	1	0	20.95	20.94	20.83	22.50	2
		1	7	21.05	20.90	20.85	22.50	2
		1	14	21.04	20.93	20.89	22.50	2
		8	0	20.07	19.90	19.99	21.50	3
		8	4	20.00	19.92	19.90	21.50	3
		8	7	20.06	19.92	19.95	21.50	3
		15	0	20.04	19.98	19.87	21.50	3
3	256-QAM	1	0	20.01	20.04	20.04	21.50	3
		1	7	20.06	19.93	19.82	21.50	3
		1	14	20.00	19.84	19.92	21.50	3
		8	0	19.00	19.03	18.93	20.50	4
		8	4	19.08	18.93	18.90	20.50	4
		8	7	19.12	18.88	18.91	20.50	4
		15	0	19.12	18.96	18.94	20.50	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.

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	22.93	22.74	22.64	24.50	0
		1	2	22.95	22.83	22.78	24.50	0
		1	5	22.97	22.72	22.67	24.50	0
		3	0	22.97	22.84	22.63	24.50	0
		3	2	22.98	22.69	22.76	24.50	0
		3	3	22.94	22.84	22.65	24.50	0
		6	0	21.96	21.74	21.68	23.50	1
1.4	16-QAM	1	0	22.07	21.80	21.67	23.50	1
		1	2	21.93	21.79	21.78	23.50	1
		1	5	21.83	21.78	21.73	23.50	1
		3	0	22.03	21.73	21.79	23.50	1
		3	2	21.86	21.78	21.77	23.50	1
		3	3	21.83	21.75	21.83	23.50	1
		6	0	20.89	20.63	20.66	22.50	2
1.4	64-QAM	1	0	21.04	20.75	20.75	22.50	2
		1	2	20.88	20.75	20.81	22.50	2
		1	5	20.89	20.71	20.71	22.50	2
		3	0	20.99	20.67	20.74	22.50	2
		3	2	20.93	20.73	20.75	22.50	2
		3	3	20.89	20.70	20.72	22.50	2
		6	0	19.96	19.74	19.69	21.50	3
1.4	256-QAM	1	0	19.88	19.69	19.74	21.50	3
		1	2	19.94	19.65	19.68	21.50	3
		1	5	20.02	19.76	19.67	21.50	3
		3	0	19.97	19.68	19.74	21.50	3
		3	2	19.99	19.71	19.67	21.50	3
		3	3	19.83	19.75	19.70	21.50	3
		6	0	18.84	18.68	18.71	20.50	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

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	23.23	23.74	23.68	24.00	0
		1	50	23.15	23.61	23.48	24.00	0
		1	99	23.00	23.56	23.60	24.00	0
		50	0	22.06	22.56	22.50	23.00	1
		50	25	22.05	22.54	22.52	23.00	1
		50	50	22.02	22.53	22.53	23.00	1
		100	0	21.98	22.56	22.45	23.00	1
20	16-QAM	1	0	22.14	22.50	22.46	23.00	1
		1	50	22.06	22.54	22.43	23.00	1
		1	99	22.15	22.55	22.50	23.00	1
		50	0	21.04	21.65	21.44	22.00	2
		50	25	21.07	21.67	21.48	22.00	2
		50	50	21.08	21.51	21.50	22.00	2
		100	0	21.14	21.54	21.51	22.00	2
20	64-QAM	1	0	21.05	21.56	21.52	22.00	2
		1	50	20.99	21.65	21.52	22.00	2
		1	99	21.18	21.60	21.53	22.00	2
		50	0	19.99	20.48	20.40	21.00	3
		50	25	20.09	20.64	20.57	21.00	3
		50	50	20.03	20.66	20.54	21.00	3
		100	0	20.01	20.71	20.41	21.00	3
20	256-QAM	1	0	20.06	20.48	20.57	21.00	3
		1	50	20.05	20.55	20.47	21.00	3
		1	99	20.08	20.60	20.49	21.00	3
		50	0	19.05	19.62	19.54	20.00	4
		50	25	18.97	19.67	19.66	20.00	4
		50	50	19.07	19.62	19.55	20.00	4
		100	0	19.06	19.64	19.59	20.00	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.

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	23.04	23.63	23.48	24.00	0
		1	36	23.02	23.50	23.45	24.00	0
		1	74	23.07	23.54	23.49	24.00	0
		36	0	22.18	22.62	22.55	23.00	1
		36	18	22.15	22.49	22.40	23.00	1
		36	37	22.04	22.61	22.46	23.00	1
		75	0	22.10	22.47	22.58	23.00	1
15	16-QAM	1	0	22.07	22.54	22.57	23.00	1
		1	36	22.07	22.68	22.48	23.00	1
		1	74	22.14	22.58	22.60	23.00	1
		36	0	21.03	21.57	21.53	22.00	2
		36	18	21.05	21.71	21.48	22.00	2
		36	37	20.96	21.50	21.53	22.00	2
		75	0	21.13	21.54	21.46	22.00	2
15	64-QAM	1	0	21.12	21.60	21.57	22.00	2
		1	36	21.09	21.72	21.51	22.00	2
		1	74	20.96	21.63	21.47	22.00	2
		36	0	20.04	20.63	20.50	21.00	3
		36	18	20.10	20.58	20.53	21.00	3
		36	37	20.09	20.56	20.47	21.00	3
		75	0	20.09	20.50	20.60	21.00	3
15	256-QAM	1	0	20.01	20.61	20.53	21.00	3
		1	36	20.01	20.48	20.45	21.00	3
		1	74	20.07	20.49	20.52	21.00	3
		36	0	19.11	19.62	19.51	20.00	4
		36	18	18.98	19.58	19.49	20.00	4
		36	37	19.07	19.56	19.62	20.00	4
		75	0	19.12	19.67	19.50	20.00	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.

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	23.12	23.54	23.56	24.00	0
		1	25	23.05	23.67	23.47	24.00	0
		1	49	23.07	23.56	23.50	24.00	0
		25	0	22.03	22.67	22.51	23.00	1
		25	12	22.07	22.52	22.48	23.00	1
		25	25	22.06	22.59	22.57	23.00	1
		50	0	21.95	22.65	22.53	23.00	1
10	16-QAM	1	0	22.11	22.60	22.51	23.00	1
		1	25	22.06	22.63	22.51	23.00	1
		1	49	22.10	22.63	22.49	23.00	1
		25	0	21.15	21.57	21.54	22.00	2
		25	12	21.07	21.56	21.39	22.00	2
		25	25	21.10	21.66	21.50	22.00	2
		50	0	21.06	21.50	21.55	22.00	2
10	64-QAM	1	0	21.05	21.65	21.44	22.00	2
		1	25	21.11	21.62	21.51	22.00	2
		1	49	21.08	21.65	21.50	22.00	2
		25	0	20.11	20.66	20.65	21.00	3
		25	12	20.02	20.72	20.64	21.00	3
		25	25	20.05	20.58	20.53	21.00	3
		50	0	20.10	20.57	20.50	21.00	3
10	256-QAM	1	0	20.13	20.66	20.54	21.00	3
		1	25	20.10	20.62	20.50	21.00	3
		1	49	20.14	20.49	20.42	21.00	3
		25	0	19.11	19.50	19.53	20.00	4
		25	12	19.14	19.51	19.59	20.00	4
		25	25	19.08	19.48	19.56	20.00	4
		50	0	19.10	19.66	19.56	20.00	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

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	23.12	23.57	23.48	24.00	0
		1	12	23.00	23.65	23.51	24.00	0
		1	24	23.10	23.60	23.49	24.00	0
		12	0	22.09	22.64	22.52	23.00	1
		12	6	22.02	22.68	22.49	23.00	1
		12	13	22.00	22.48	22.63	23.00	1
		25	0	22.12	22.57	22.58	23.00	1
5	16-QAM	1	0	22.01	22.55	22.47	23.00	1
		1	12	22.01	22.58	22.54	23.00	1
		1	24	22.08	22.54	22.60	23.00	1
		12	0	21.15	21.51	21.62	22.00	2
		12	6	20.99	21.60	21.46	22.00	2
		12	13	21.14	21.53	21.58	22.00	2
		25	0	21.10	21.55	21.61	22.00	2
5	64-QAM	1	0	21.00	21.66	21.44	22.00	2
		1	12	21.12	21.60	21.45	22.00	2
		1	24	21.02	21.58	21.57	22.00	2
		12	0	20.07	20.57	20.51	21.00	3
		12	6	19.99	20.59	20.56	21.00	3
		12	13	20.14	20.70	20.62	21.00	3
		25	0	20.07	20.57	20.42	21.00	3
5	256-QAM	1	0	20.09	20.52	20.48	21.00	3
		1	12	20.06	20.54	20.50	21.00	3
		1	24	20.17	20.67	20.61	21.00	3
		12	0	18.98	19.65	19.55	20.00	4
		12	6	19.00	19.59	19.60	20.00	4
		12	13	19.08	19.59	19.63	20.00	4
		25	0	19.04	19.68	19.63	20.00	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.

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	23.46	23.75	24.03	24.50	0
		1	25	23.35	23.69	23.86	24.50	0
		1	49	23.32	23.54	23.93	24.50	0
		25	0	22.42	22.58	22.89	23.50	1
		25	12	22.39	22.52	22.86	23.50	1
		25	25	22.27	22.52	22.84	23.50	1
		50	0	22.30	22.63	22.89	23.50	1
10	16-QAM	1	0	22.30	22.64	22.81	23.50	1
		1	25	22.27	22.62	22.99	23.50	1
		1	49	22.40	22.63	22.98	23.50	1
		25	0	21.32	21.56	21.83	22.50	2
		25	12	21.33	21.56	21.96	22.50	2
		25	25	21.31	21.57	21.86	22.50	2
		50	0	21.31	21.50	21.86	22.50	2
10	64-QAM	1	0	21.39	21.52	21.87	22.50	2
		1	25	21.26	21.68	21.99	22.50	2
		1	49	21.39	21.54	21.95	22.50	2
		25	0	20.36	20.56	20.85	21.50	3
		25	12	20.34	20.58	20.86	21.50	3
		25	25	20.31	20.68	20.74	21.50	3
		50	0	20.20	20.60	20.94	21.50	3
10	256-QAM	1	0	20.30	20.61	20.87	21.50	3
		1	25	20.26	20.61	20.78	21.50	3
		1	49	20.22	20.54	20.81	21.50	3
		25	0	19.32	19.62	19.90	20.50	4
		25	12	19.31	19.57	19.98	20.50	4
		25	25	19.35	19.52	19.90	20.50	4
		50	0	19.26	19.65	19.94	20.50	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.

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	23.22	23.56	23.91	24.50	0
		1	12	23.22	23.57	23.93	24.50	0
		1	24	23.27	23.60	23.94	24.50	0
		12	0	22.26	22.61	22.91	23.50	1
		12	6	22.42	22.51	22.86	23.50	1
		12	13	22.30	22.60	22.82	23.50	1
		25	0	22.33	22.62	22.87	23.50	1
5	16-QAM	1	0	22.32	22.50	23.00	23.50	1
		1	12	22.37	22.58	22.79	23.50	1
		1	24	22.33	22.53	22.86	23.50	1
		12	0	21.24	21.58	21.89	22.50	2
		12	6	21.19	21.69	21.84	22.50	2
		12	13	21.30	21.64	21.84	22.50	2
		25	0	21.36	21.65	21.75	22.50	2
5	64-QAM	1	0	21.29	21.65	21.88	22.50	2
		1	12	21.32	21.63	21.96	22.50	2
		1	24	21.31	21.66	21.79	22.50	2
		12	0	20.25	20.66	20.87	21.50	3
		12	6	20.28	20.45	20.83	21.50	3
		12	13	20.37	20.55	20.87	21.50	3
		25	0	20.35	20.60	20.89	21.50	3
5	256-QAM	1	0	20.25	20.50	20.87	21.50	3
		1	12	20.29	20.59	20.94	21.50	3
		1	24	20.40	20.51	20.94	21.50	3
		12	0	19.32	19.63	19.88	20.50	4
		12	6	19.38	19.62	19.90	20.50	4
		12	13	19.42	19.64	19.90	20.50	4
		25	0	19.23	19.58	19.88	20.50	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

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	23.28	23.52	23.83	24.50	0
		1	7	23.35	23.64	23.87	24.50	0
		1	14	23.35	23.56	23.90	24.50	0
		8	0	22.30	22.57	22.94	23.50	1
		8	4	22.33	22.57	22.80	23.50	1
		8	7	22.18	22.48	22.82	23.50	1
		15	0	22.20	22.58	22.80	23.50	1
3	16-QAM	1	0	22.26	22.52	22.90	23.50	1
		1	7	22.20	22.57	22.89	23.50	1
		1	14	22.22	22.51	22.93	23.50	1
		8	0	21.28	21.58	21.77	22.50	2
		8	4	21.23	21.70	21.83	22.50	2
		8	7	21.31	21.49	21.80	22.50	2
		15	0	21.42	21.63	21.83	22.50	2
3	64-QAM	1	0	21.24	21.50	21.94	22.50	2
		1	7	21.30	21.56	21.84	22.50	2
		1	14	21.33	21.64	21.86	22.50	2
		8	0	20.25	20.60	20.96	21.50	3
		8	4	20.26	20.56	20.86	21.50	3
		8	7	20.27	20.63	20.93	21.50	3
		15	0	20.35	20.46	20.81	21.50	3
3	256-QAM	1	0	20.31	20.57	20.84	21.50	3
		1	7	20.32	20.57	20.79	21.50	3
		1	14	20.32	20.58	20.83	21.50	3
		8	0	19.29	19.56	19.82	20.50	4
		8	4	19.24	19.56	19.85	20.50	4
		8	7	19.42	19.51	19.82	20.50	4
		15	0	19.34	19.59	19.85	20.50	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

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	23.09	23.43	23.66	24.50	0
		1	2	23.15	23.26	23.68	24.50	0
		1	5	23.14	23.30	23.70	24.50	0
		3	0	23.15	23.26	23.71	24.50	0
		3	2	23.23	23.42	23.79	24.50	0
		3	3	23.10	23.25	23.74	24.50	0
		6	0	22.17	22.31	22.66	23.50	1
1.4	16-QAM	1	0	22.20	22.38	22.76	23.50	1
		1	2	22.20	22.32	22.70	23.50	1
		1	5	22.08	22.27	22.61	23.50	1
		3	0	22.13	22.38	22.62	23.50	1
		3	2	22.05	22.38	22.61	23.50	1
		3	3	22.07	22.25	22.58	23.50	1
		6	0	21.08	21.38	21.55	22.50	2
1.4	64-QAM	1	0	21.09	21.46	21.59	22.50	2
		1	2	21.08	21.35	21.78	22.50	2
		1	5	21.21	21.36	21.65	22.50	2
		3	0	21.06	21.33	21.69	22.50	2
		3	2	21.18	21.40	21.61	22.50	2
		3	3	21.15	21.29	21.60	22.50	2
		6	0	19.98	20.42	20.56	21.50	3
1.4	256-QAM	1	0	20.21	20.30	20.62	21.50	3
		1	2	20.04	20.34	20.59	21.50	3
		1	5	20.19	20.39	20.55	21.50	3
		3	0	20.12	20.44	20.67	21.50	3
		3	2	20.11	20.41	20.67	21.50	3
		3	3	20.04	20.32	20.59	21.50	3
		6	0	19.20	19.29	19.75	20.50	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

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			
Channel					23230			
10	QPSK	1	0		24.11		24.50	0
		1	25		23.96		24.50	0
		1	49		23.99		24.50	0
		25	0		22.96		23.50	1
		25	12		22.92		23.50	1
		25	25		22.95		23.50	1
		50	0		22.94		23.50	1
10	16-QAM	1	0		22.99		23.50	1
		1	25		23.04		23.50	1
		1	49		22.95		23.50	1
		25	0		22.04		22.50	2
		25	12		21.94		22.50	2
		25	25		22.06		22.50	2
		50	0		21.97		22.50	2
10	64-QAM	1	0		21.88		22.50	2
		1	25		21.93		22.50	2
		1	49		21.90		22.50	2
		25	0		21.03		21.50	3
		25	12		20.94		21.50	3
		25	25		20.89		21.50	3
		50	0		21.06		21.50	3
10	256-QAM	1	0		20.97		21.50	3
		1	25		20.95		21.50	3
		1	49		20.94		21.50	3
		25	0		19.85		20.50	4
		25	12		19.89		20.50	4
		25	25		19.97		20.50	4
		50	0		20.00		20.50	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

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	23.82	23.78	23.80	24.50	0
		1	12	23.74	23.58	23.75	24.50	0
		1	24	23.58	23.73	23.62	24.50	0
		12	0	22.63	22.66	22.58	23.50	1
		12	6	22.67	22.64	22.71	23.50	1
		12	13	22.62	22.56	22.62	23.50	1
		25	0	22.71	22.64	22.54	23.50	1
5	16-QAM	1	0	22.72	22.57	22.65	23.50	1
		1	12	22.63	22.62	22.56	23.50	1
		1	24	22.67	22.54	22.66	23.50	1
		12	0	21.78	21.61	21.75	22.50	2
		12	6	21.67	21.64	21.51	22.50	2
		12	13	21.68	21.54	21.68	22.50	2
		25	0	21.64	21.66	21.63	22.50	2
5	64-QAM	1	0	21.75	21.55	21.65	22.50	2
		1	12	21.75	21.62	21.68	22.50	2
		1	24	21.68	21.63	21.57	22.50	2
		12	0	20.63	20.63	20.62	21.50	3
		12	6	20.70	20.60	20.65	21.50	3
		12	13	20.59	20.59	20.66	21.50	3
		25	0	20.70	20.61	20.62	21.50	3
5	256-QAM	1	0	20.63	20.56	20.78	21.50	3
		1	12	20.65	20.52	20.62	21.50	3
		1	24	20.62	20.55	20.71	21.50	3
		12	0	19.71	19.63	19.78	20.50	4
		12	6	19.68	19.52	19.65	20.50	4
		12	13	19.69	19.63	19.57	20.50	4
		25	0	19.58	19.58	19.68	20.50	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

LTE Band 14								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					793			
Channel					23330			
10	QPSK	1	0		24.11		24.50	0
		1	25		23.94		24.50	0
		1	49		23.91		24.50	0
		25	0		22.94		23.50	1
		25	12		22.90		23.50	1
		25	25		22.96		23.50	1
		50	0		22.95		23.50	1
10	16-QAM	1	0		22.89		23.50	1
		1	25		23.00		23.50	1
		1	49		22.95		23.50	1
		25	0		21.92		22.50	2
		25	12		21.94		22.50	2
		25	25		21.98		22.50	2
		50	0		21.90		22.50	2
10	64-QAM	1	0		22.01		22.50	2
		1	25		21.98		22.50	2
		1	49		21.92		22.50	2
		25	0		20.91		21.50	3
		25	12		20.98		21.50	3
		25	25		20.99		21.50	3
		50	0		20.98		21.50	3
10	256-QAM	1	0		21.02		21.50	3
		1	25		21.01		21.50	3
		1	49		21.04		21.50	3
		25	0		20.00		20.50	4
		25	12		19.94		20.50	4
		25	25		20.00		20.50	4
		50	0		19.99		20.50	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

LTE Band 14								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				790.5	793	795.5		
Channel				23305	23330	23355		
5	QPSK	1	0	23.84	24.01	23.79	24.50	0
		1	12	23.65	23.78	23.62	24.50	0
		1	24	23.67	23.83	23.54	24.50	0
		12	0	22.57	22.82	22.70	23.50	1
		12	6	22.63	22.78	22.63	23.50	1
		12	13	22.75	22.93	22.54	23.50	1
		25	0	22.68	22.75	22.76	23.50	1
5	16-QAM	1	0	22.65	22.85	22.56	23.50	1
		1	12	22.63	22.89	22.72	23.50	1
		1	24	22.74	22.89	22.70	23.50	1
		12	0	21.78	21.79	21.55	22.50	2
		12	6	21.60	21.86	21.60	22.50	2
		12	13	21.54	21.85	21.60	22.50	2
		25	0	21.73	21.89	21.72	22.50	2
5	64-QAM	1	0	21.66	21.78	21.66	22.50	2
		1	12	21.63	21.88	21.55	22.50	2
		1	24	21.62	21.94	21.61	22.50	2
		12	0	20.67	20.86	20.67	21.50	3
		12	6	20.59	20.86	20.65	21.50	3
		12	13	20.73	20.83	20.71	21.50	3
		25	0	20.66	20.81	20.60	21.50	3
5	256-QAM	1	0	20.64	20.94	20.64	21.50	3
		1	12	20.70	20.83	20.73	21.50	3
		1	24	20.57	20.96	20.55	21.50	3
		12	0	19.65	19.95	19.57	20.50	4
		12	6	19.69	19.98	19.72	20.50	4
		12	13	19.72	19.88	19.58	20.50	4
		25	0	19.59	19.84	19.55	20.50	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

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	23.45	23.62	23.75	24.50	0
		1	25	23.23	23.50	23.54	24.50	0
		1	49	23.39	23.37	23.65	24.50	0
		25	0	22.29	22.54	22.67	23.50	1
		25	12	22.27	22.40	22.57	23.50	1
		25	25	22.24	22.54	22.59	23.50	1
		50	0	22.26	22.48	22.60	23.50	1
10	16-QAM	1	0	22.24	22.52	22.63	23.50	1
		1	25	22.29	22.41	22.62	23.50	1
		1	49	22.34	22.47	22.62	23.50	1
		25	0	21.19	21.44	21.56	22.50	2
		25	12	21.28	21.45	21.60	22.50	2
		25	25	21.30	21.52	21.53	22.50	2
		50	0	21.25	21.51	21.64	22.50	2
10	64-QAM	1	0	21.28	21.51	21.55	22.50	2
		1	25	21.30	21.41	21.54	22.50	2
		1	49	21.40	21.49	21.47	22.50	2
		25	0	20.34	20.50	20.57	21.50	3
		25	12	20.41	20.38	20.53	21.50	3
		25	25	20.31	20.46	20.54	21.50	3
		50	0	20.29	20.44	20.58	21.50	3
10	256-QAM	1	0	20.26	20.39	20.48	21.50	3
		1	25	20.39	20.47	20.66	21.50	3
		1	49	20.24	20.45	20.60	21.50	3
		25	0	19.26	19.55	19.58	20.50	4
		25	12	19.34	19.43	19.51	20.50	4
		25	25	19.19	19.49	19.51	20.50	4
		50	0	19.20	19.48	19.51	20.50	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

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	23.33	23.53	23.60	24.50	0
		1	12	23.26	23.43	23.52	24.50	0
		1	24	23.33	23.43	23.61	24.50	0
		12	0	22.18	22.52	22.56	23.50	1
		12	6	22.32	22.50	22.54	23.50	1
		12	13	22.26	22.48	22.52	23.50	1
		25	0	22.27	22.46	22.65	23.50	1
5	16-QAM	1	0	22.30	22.58	22.51	23.50	1
		1	12	22.38	22.53	22.61	23.50	1
		1	24	22.37	22.38	22.64	23.50	1
		12	0	21.43	21.47	21.61	22.50	2
		12	6	21.40	21.43	21.53	22.50	2
		12	13	21.37	21.39	21.58	22.50	2
		25	0	21.30	21.43	21.67	22.50	2
5	64-QAM	1	0	21.28	21.45	21.63	22.50	2
		1	12	21.27	21.41	21.56	22.50	2
		1	24	21.37	21.46	21.68	22.50	2
		12	0	20.33	20.54	20.54	21.50	3
		12	6	20.34	20.49	20.53	21.50	3
		12	13	20.31	20.37	20.49	21.50	3
		25	0	20.26	20.37	20.65	21.50	3
5	256-QAM	1	0	20.25	20.33	20.56	21.50	3
		1	12	20.28	20.59	20.53	21.50	3
		1	24	20.27	20.47	20.52	21.50	3
		12	0	19.36	19.50	19.66	20.50	4
		12	6	19.38	19.40	19.66	20.50	4
		12	13	19.33	19.41	19.63	20.50	4
		25	0	19.24	19.38	19.66	20.50	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.

LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1882.5	1905		
Channel				26140	26365	26590		
20	QPSK	1	0	23.67	23.76	23.15	24.00	0
		1	50	23.48	23.56	22.98	24.00	0
		1	99	23.44	23.60	22.99	24.00	0
		50	0	22.50	22.64	22.02	23.00	1
		50	25	22.50	22.52	22.02	23.00	1
		50	50	22.58	22.56	22.05	23.00	1
		100	0	22.48	22.62	21.88	23.00	1
20	16-QAM	1	0	22.48	22.51	22.00	23.00	1
		1	50	22.60	22.54	21.96	23.00	1
		1	99	22.45	22.57	22.00	23.00	1
		50	0	21.49	21.51	20.91	22.00	2
		50	25	21.50	21.68	20.96	22.00	2
		50	50	21.64	21.49	20.90	22.00	2
		100	0	21.46	21.56	21.01	22.00	2
20	64-QAM	1	0	21.43	21.64	20.98	22.00	2
		1	50	21.47	21.54	20.94	22.00	2
		1	99	21.53	21.61	21.06	22.00	2
		50	0	20.44	20.59	20.00	21.00	3
		50	25	20.53	20.59	19.94	21.00	3
		50	50	20.55	20.66	19.92	21.00	3
		100	0	20.44	20.60	20.05	21.00	3
20	256-QAM	1	0	20.46	20.57	19.94	21.00	3
		1	50	20.45	20.59	19.99	21.00	3
		1	99	20.61	20.53	19.98	21.00	3
		50	0	19.53	19.58	19.08	20.00	4
		50	25	19.39	19.69	18.88	20.00	4
		50	50	19.59	19.54	18.98	20.00	4
		100	0	19.45	19.62	18.95	20.00	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

LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
Channel				26115	26365	26615		
15	QPSK	1	0	23.53	23.55	22.88	24.00	0
		1	36	23.59	23.60	23.02	24.00	0
		1	74	23.39	23.73	23.02	24.00	0
		36	0	22.51	22.53	21.98	23.00	1
		36	18	22.58	22.62	22.07	23.00	1
		36	37	22.53	22.50	21.94	23.00	1
		75	0	22.56	22.70	22.02	23.00	1
15	16-QAM	1	0	22.64	22.63	22.03	23.00	1
		1	36	22.47	22.58	22.03	23.00	1
		1	74	22.58	22.61	21.97	23.00	1
		36	0	21.52	21.58	21.01	22.00	2
		36	18	21.49	21.59	21.03	22.00	2
		36	37	21.55	21.49	20.93	22.00	2
		75	0	21.49	21.64	21.01	22.00	2
15	64-QAM	1	0	21.50	21.57	21.03	22.00	2
		1	36	21.51	21.60	21.07	22.00	2
		1	74	21.50	21.58	21.00	22.00	2
		36	0	20.64	20.64	20.03	21.00	3
		36	18	20.52	20.57	20.11	21.00	3
		36	37	20.53	20.63	19.97	21.00	3
		75	0	20.46	20.68	19.90	21.00	3
15	256-QAM	1	0	20.52	20.57	19.99	21.00	3
		1	36	20.49	20.57	19.95	21.00	3
		1	74	20.48	20.66	20.04	21.00	3
		36	0	19.48	19.72	18.96	20.00	4
		36	18	19.47	19.67	18.96	20.00	4
		36	37	19.47	19.51	18.96	20.00	4
		75	0	19.50	19.61	19.02	20.00	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

LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1882.5	1910		
Channel				26090	26365	26640		
10	QPSK	1	0	23.47	23.65	22.95	24.00	0
		1	25	23.47	23.59	22.91	24.00	0
		1	49	23.60	23.58	23.08	24.00	0
		25	0	22.56	22.67	22.02	23.00	1
		25	12	22.45	22.63	22.03	23.00	1
		25	25	22.53	22.59	22.00	23.00	1
		50	0	22.47	22.64	22.06	23.00	1
10	16-QAM	1	0	22.50	22.71	21.98	23.00	1
		1	25	22.58	22.65	22.01	23.00	1
		1	49	22.43	22.57	21.97	23.00	1
		25	0	21.63	21.52	20.99	22.00	2
		25	12	21.51	21.72	21.01	22.00	2
		25	25	21.47	21.56	20.91	22.00	2
		50	0	21.52	21.64	21.02	22.00	2
10	64-QAM	1	0	21.47	21.58	21.04	22.00	2
		1	25	21.54	21.58	20.93	22.00	2
		1	49	21.60	21.71	21.02	22.00	2
		25	0	20.50	20.69	19.98	21.00	3
		25	12	20.48	20.61	19.90	21.00	3
		25	25	20.46	20.55	20.10	21.00	3
		50	0	20.47	20.60	20.08	21.00	3
10	256-QAM	1	0	20.42	20.61	20.09	21.00	3
		1	25	20.60	20.58	19.98	21.00	3
		1	49	20.46	20.51	19.96	21.00	3
		25	0	19.49	19.55	19.00	20.00	4
		25	12	19.55	19.65	19.00	20.00	4
		25	25	19.40	19.51	19.04	20.00	4
		50	0	19.44	19.55	18.92	20.00	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

LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
Channel				26065	26365	26665		
5	QPSK	1	0	23.54	23.59	22.98	24.00	0
		1	12	23.50	23.59	22.93	24.00	0
		1	24	23.41	23.49	22.88	24.00	0
		12	0	22.42	22.56	21.92	23.00	1
		12	6	22.61	22.61	22.02	23.00	1
		12	13	22.51	22.63	22.11	23.00	1
		25	0	22.47	22.62	21.96	23.00	1
5	16-QAM	1	0	22.58	22.65	21.90	23.00	1
		1	12	22.59	22.54	21.90	23.00	1
		1	24	22.53	22.55	22.03	23.00	1
		12	0	21.44	21.59	21.02	22.00	2
		12	6	21.45	21.69	20.93	22.00	2
		12	13	21.48	21.55	20.94	22.00	2
		25	0	21.51	21.58	21.03	22.00	2
5	64-QAM	1	0	21.40	21.73	21.01	22.00	2
		1	12	21.51	21.56	21.04	22.00	2
		1	24	21.55	21.60	21.01	22.00	2
		12	0	20.53	20.56	19.99	21.00	3
		12	6	20.59	20.50	20.02	21.00	3
		12	13	20.50	20.55	20.07	21.00	3
		25	0	20.52	20.50	19.99	21.00	3
5	256-QAM	1	0	20.48	20.60	19.91	21.00	3
		1	12	20.39	20.59	20.06	21.00	3
		1	24	20.62	20.58	19.95	21.00	3
		12	0	19.53	19.60	18.89	20.00	4
		12	6	19.50	19.61	19.03	20.00	4
		12	13	19.51	19.54	18.92	20.00	4
		25	0	19.54	19.71	18.95	20.00	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.

LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1851.5	1882.5	1913.5		
Channel				26055	26365	26675		
3	QPSK	1	0	23.61	23.55	23.06	24.00	0
		1	7	23.49	23.60	23.04	24.00	0
		1	14	23.37	23.60	22.94	24.00	0
		8	0	22.59	22.73	21.91	23.00	1
		8	4	22.46	22.57	21.87	23.00	1
		8	7	22.42	22.55	22.09	23.00	1
		15	0	22.55	22.51	22.06	23.00	1
3	16-QAM	1	0	22.46	22.63	22.04	23.00	1
		1	7	22.51	22.52	22.01	23.00	1
		1	14	22.53	22.60	22.06	23.00	1
		8	0	21.58	21.57	21.04	22.00	2
		8	4	21.47	21.66	20.93	22.00	2
		8	7	21.44	21.58	21.07	22.00	2
		15	0	21.55	21.68	21.08	22.00	2
3	64-QAM	1	0	21.41	21.53	21.05	22.00	2
		1	7	21.41	21.56	21.05	22.00	2
		1	14	21.64	21.62	21.02	22.00	2
		8	0	20.59	20.63	19.90	21.00	3
		8	4	20.48	20.59	19.94	21.00	3
		8	7	20.54	20.51	20.06	21.00	3
		15	0	20.49	20.60	19.89	21.00	3
3	256-QAM	1	0	20.53	20.69	20.02	21.00	3
		1	7	20.52	20.50	20.02	21.00	3
		1	14	20.57	20.55	19.95	21.00	3
		8	0	19.52	19.57	19.00	20.00	4
		8	4	19.55	19.66	18.91	20.00	4
		8	7	19.41	19.49	19.01	20.00	4
		15	0	19.47	19.55	18.97	20.00	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.

LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1850.7	1882.5	1914.3		
Channel				26047	26365	26683		
1.4	QPSK	1	0	23.36	23.38	22.89	24.00	0
		1	2	23.52	23.48	22.91	24.00	0
		1	5	23.50	23.39	22.87	24.00	0
		3	0	23.39	23.47	23.00	24.00	0
		3	2	23.46	23.32	22.83	24.00	0
		3	3	23.53	23.38	22.93	24.00	0
		6	0	22.40	22.35	21.91	23.00	1
1.4	16-QAM	1	0	22.41	22.37	21.92	23.00	1
		1	2	22.47	22.46	22.02	23.00	1
		1	5	22.52	22.27	21.91	23.00	1
		3	0	22.44	22.35	22.00	23.00	1
		3	2	22.36	22.37	21.99	23.00	1
		3	3	22.40	22.32	21.89	23.00	1
		6	0	21.47	21.37	20.92	22.00	2
1.4	64-QAM	1	0	21.39	21.48	20.88	22.00	2
		1	2	21.50	21.41	20.90	22.00	2
		1	5	21.46	21.26	20.89	22.00	2
		3	0	21.36	21.35	20.91	22.00	2
		3	2	21.39	21.51	20.89	22.00	2
		3	3	21.42	21.31	20.86	22.00	2
		6	0	20.49	20.34	19.89	21.00	3
1.4	256-QAM	1	0	20.37	20.39	19.89	21.00	3
		1	2	20.41	20.45	19.82	21.00	3
		1	5	20.45	20.45	19.89	21.00	3
		3	0	20.45	20.35	19.88	21.00	3
		3	2	20.42	20.28	19.92	21.00	3
		3	3	20.46	20.41	19.93	21.00	3
		6	0	19.41	19.33	18.96	20.00	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

LTE Band 26_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				821.5	831.5	841.5		
Channel				26765	26865	26965		
15	QPSK	1	0	23.78	23.45	23.56	24.50	0
		1	36	23.61	23.28	23.30	24.50	0
		1	74	23.58	23.31	23.45	24.50	0
		36	0	22.54	22.28	22.42	23.50	1
		36	18	22.52	22.29	22.36	23.50	1
		36	37	22.60	22.23	22.43	23.50	1
		75	0	22.76	22.22	22.44	23.50	1
15	16-QAM	1	0	22.64	22.41	22.33	23.50	1
		1	36	22.55	22.26	22.46	23.50	1
		1	74	22.72	22.22	22.47	23.50	1
		36	0	21.62	21.21	21.45	22.50	2
		36	18	21.54	21.38	21.27	22.50	2
		36	37	21.64	21.35	21.29	22.50	2
		75	0	21.61	21.33	21.46	22.50	2
15	64-QAM	1	0	21.53	21.33	21.36	22.50	2
		1	36	21.69	21.34	21.40	22.50	2
		1	74	21.73	21.25	21.31	22.50	2
		36	0	20.56	20.18	20.31	21.50	3
		36	18	20.74	20.19	20.40	21.50	3
		36	37	20.54	20.28	20.49	21.50	3
		75	0	20.59	20.22	20.45	21.50	3
15	256-QAM	1	0	20.63	20.33	20.42	21.50	3
		1	36	20.61	20.25	20.34	21.50	3
		1	74	20.62	20.20	20.37	21.50	3
		36	0	19.67	19.29	19.27	20.50	4
		36	18	19.76	19.24	19.36	20.50	4
		36	37	19.50	19.36	19.31	20.50	4
		75	0	19.58	19.33	19.34	20.50	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

LTE Band 26_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				819	831.5	844		
Channel				26740	26865	26990		
10	QPSK	1	0	23.54	23.24	23.37	24.50	0
		1	25	23.57	23.41	23.40	24.50	0
		1	49	23.59	23.25	23.30	24.50	0
		25	0	22.73	22.34	22.44	23.50	1
		25	12	22.71	22.28	22.33	23.50	1
		25	25	22.60	22.38	22.34	23.50	1
		50	0	22.69	22.33	22.44	23.50	1
10	16-QAM	1	0	22.57	22.29	22.39	23.50	1
		1	25	22.60	22.26	22.37	23.50	1
		1	49	22.67	22.41	22.43	23.50	1
		25	0	21.58	21.36	21.30	22.50	2
		25	12	21.70	21.27	21.36	22.50	2
		25	25	21.63	21.36	21.39	22.50	2
		50	0	21.59	21.23	21.43	22.50	2
10	64-QAM	1	0	21.74	21.40	21.46	22.50	2
		1	25	21.65	21.29	21.40	22.50	2
		1	49	21.69	21.30	21.43	22.50	2
		25	0	20.66	20.34	20.38	21.50	3
		25	12	20.62	20.41	20.48	21.50	3
		25	25	20.54	20.39	20.42	21.50	3
		50	0	20.72	20.32	20.32	21.50	3
10	256-QAM	1	0	20.57	20.37	20.44	21.50	3
		1	25	20.66	20.35	20.31	21.50	3
		1	49	20.60	20.25	20.50	21.50	3
		25	0	19.61	19.31	19.41	20.50	4
		25	12	19.60	19.23	19.43	20.50	4
		25	25	19.63	19.29	19.32	20.50	4
		50	0	19.55	19.31	19.27	20.50	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

LTE Band 26_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				816.5	831.5	846.5		
Channel				26715	26865	27015		
5	QPSK	1	0	23.55	23.20	23.37	24.50	0
		1	12	23.63	23.28	23.39	24.50	0
		1	24	23.59	23.26	23.34	24.50	0
		12	0	22.72	22.26	22.36	23.50	1
		12	6	22.74	22.26	22.43	23.50	1
		12	13	22.67	22.27	22.38	23.50	1
		25	0	22.49	22.23	22.43	23.50	1
5	16-QAM	1	0	22.71	22.26	22.46	23.50	1
		1	12	22.60	22.34	22.41	23.50	1
		1	24	22.58	22.35	22.30	23.50	1
		12	0	21.58	21.33	21.38	22.50	2
		12	6	21.61	21.30	21.39	22.50	2
		12	13	21.61	21.26	21.52	22.50	2
		25	0	21.60	21.30	21.31	22.50	2
5	64-QAM	1	0	21.70	21.26	21.38	22.50	2
		1	12	21.63	21.27	21.33	22.50	2
		1	24	21.75	21.35	21.38	22.50	2
		12	0	20.63	20.43	20.40	21.50	3
		12	6	20.66	20.33	20.42	21.50	3
		12	13	20.63	20.22	20.36	21.50	3
		25	0	20.61	20.24	20.45	21.50	3
5	256-QAM	1	0	20.69	20.35	20.41	21.50	3
		1	12	20.72	20.27	20.35	21.50	3
		1	24	20.64	20.29	20.44	21.50	3
		12	0	19.50	19.17	19.49	20.50	4
		12	6	19.61	19.30	19.53	20.50	4
		12	13	19.60	19.30	19.39	20.50	4
		25	0	19.61	19.27	19.40	20.50	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

LTE Band 26_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				815.5	831.5	847.5		
Channel				26705	26865	27025		
3	QPSK	1	0	23.63	23.22	23.44	24.50	0
		1	7	23.71	23.28	23.49	24.50	0
		1	14	23.51	23.41	23.41	24.50	0
		8	0	22.62	22.41	22.37	23.50	1
		8	4	22.55	22.27	22.52	23.50	1
		8	7	22.62	22.39	22.47	23.50	1
		15	0	22.63	22.29	22.50	23.50	1
3	16-QAM	1	0	22.66	22.26	22.35	23.50	1
		1	7	22.66	22.37	22.39	23.50	1
		1	14	22.70	22.23	22.46	23.50	1
		8	0	21.51	21.22	21.37	22.50	2
		8	4	21.48	21.40	21.33	22.50	2
		8	7	21.60	21.28	21.35	22.50	2
		15	0	21.65	21.41	21.40	22.50	2
3	64-QAM	1	0	21.58	21.22	21.39	22.50	2
		1	7	21.61	21.40	21.39	22.50	2
		1	14	21.58	21.28	21.32	22.50	2
		8	0	20.67	20.26	20.34	21.50	3
		8	4	20.69	20.27	20.40	21.50	3
		8	7	20.59	20.19	20.35	21.50	3
		15	0	20.58	20.19	20.26	21.50	3
3	256-QAM	1	0	20.54	20.26	20.27	21.50	3
		1	7	20.71	20.33	20.31	21.50	3
		1	14	20.56	20.33	20.38	21.50	3
		8	0	19.63	19.19	19.34	20.50	4
		8	4	19.76	19.25	19.35	20.50	4
		8	7	19.63	19.26	19.46	20.50	4
		15	0	19.57	19.23	19.50	20.50	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

LTE Band 26_FCC								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				814.7	831.5	848.3		
Channel				26697	26865	27033		
1.4	QPSK	1	0	23.48	23.05	23.31	24.50	0
		1	2	23.50	23.14	23.23	24.50	0
		1	5	23.50	23.12	23.30	24.50	0
		3	0	23.50	23.07	23.33	24.50	0
		3	2	23.36	23.03	23.27	24.50	0
		3	3	23.43	23.12	23.23	24.50	0
		6	0	22.43	22.19	22.36	23.50	1
1.4	16-QAM	1	0	22.44	21.92	22.33	23.50	1
		1	2	22.46	22.06	22.28	23.50	1
		1	5	22.45	22.11	22.31	23.50	1
		3	0	22.44	22.08	22.27	23.50	1
		3	2	22.40	22.10	22.31	23.50	1
		3	3	22.50	22.04	22.23	23.50	1
		6	0	21.38	21.10	21.25	22.50	2
1.4	64-QAM	1	0	21.45	21.04	21.32	22.50	2
		1	2	21.56	21.16	21.33	22.50	2
		1	5	21.42	21.07	21.34	22.50	2
		3	0	21.47	20.99	21.29	22.50	2
		3	2	21.50	21.07	21.26	22.50	2
		3	3	21.52	21.01	21.33	22.50	2
		6	0	20.36	20.14	20.15	21.50	3
1.4	256-QAM	1	0	20.40	20.01	20.29	21.50	3
		1	2	20.47	20.06	20.31	21.50	3
		1	5	20.44	19.98	20.34	21.50	3
		3	0	20.36	20.09	20.31	21.50	3
		3	2	20.44	20.06	20.23	21.50	3
		3	3	20.35	20.18	20.24	21.50	3
		6	0	19.53	19.11	19.15	20.50	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

LTE Band 30								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					2310			
Channel					27710			
10	QPSK	1	0		22.22		23.00	0
		1	25		22.18		23.00	0
		1	49		21.97		23.00	0
		25	0		20.95		22.00	1
		25	12		21.04		22.00	1
		25	25		20.97		22.00	1
		50	0		21.07		22.00	1
10	16-QAM	1	0		20.97		22.00	1
		1	25		21.09		22.00	1
		1	49		21.11		22.00	1
		25	0		20.01		21.00	2
		25	12		20.06		21.00	2
		25	25		20.17		21.00	2
		50	0		20.06		21.00	2
10	64-QAM	1	0		20.17		21.00	2
		1	25		20.13		21.00	2
		1	49		20.11		21.00	2
		25	0		19.17		20.00	3
		25	12		19.05		20.00	3
		25	25		19.04		20.00	3
		50	0		19.05		20.00	3
10	256-QAM	1	0		19.14		20.00	3
		1	25		19.14		20.00	3
		1	49		19.04		20.00	3
		25	0		17.98		19.00	4
		25	12		18.07		19.00	4
		25	25		17.98		19.00	4
		50	0		17.99		19.00	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

LTE Band 30								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2307.5	2310	2312.5		
Channel				27685	27710	27735		
5	QPSK	1	0	22.00	22.07	22.01	23.00	0
		1	12	21.82	21.88	21.82	23.00	0
		1	24	21.78	21.95	21.87	23.00	0
		12	0	20.89	20.94	20.89	22.00	1
		12	6	20.88	20.99	20.88	22.00	1
		12	13	20.88	20.96	20.82	22.00	1
		25	0	20.92	20.87	20.84	22.00	1
5	16-QAM	1	0	20.80	20.90	20.94	22.00	1
		1	12	20.90	20.88	20.79	22.00	1
		1	24	20.89	20.95	20.78	22.00	1
		12	0	19.75	19.91	19.81	21.00	2
		12	6	19.79	19.86	19.95	21.00	2
		12	13	19.77	19.91	19.94	21.00	2
		25	0	19.84	20.00	19.95	21.00	2
5	64-QAM	1	0	19.89	20.03	19.77	21.00	2
		1	12	19.91	19.81	19.84	21.00	2
		1	24	19.88	19.97	19.97	21.00	2
		12	0	18.90	18.88	18.82	20.00	3
		12	6	18.81	19.01	18.82	20.00	3
		12	13	18.85	18.81	18.90	20.00	3
		25	0	18.88	18.97	18.87	20.00	3
5	256-QAM	1	0	18.84	18.97	18.84	20.00	3
		1	12	18.89	18.92	18.93	20.00	3
		1	24	18.85	18.94	18.87	20.00	3
		12	0	17.80	17.85	17.82	19.00	4
		12	6	17.94	17.95	17.77	19.00	4
		12	13	17.83	17.95	17.87	19.00	4
		25	0	17.85	17.93	17.77	19.00	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

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	23.52	23.44	23.48	24.00	0
		1	50	23.32	23.29	23.39	24.00	0
		1	99	23.28	23.16	23.33	24.00	0
		50	0	22.45	22.40	22.34	23.00	1
		50	25	22.34	22.17	22.35	23.00	1
		50	50	22.36	22.33	22.41	23.00	1
		100	0	22.40	22.33	22.36	23.00	1
20	16-QAM	1	0	22.40	22.21	22.39	23.00	1
		1	50	22.32	22.37	22.29	23.00	1
		1	99	22.24	22.24	22.21	23.00	1
		50	0	21.32	21.19	21.32	22.00	2
		50	25	21.42	21.33	21.30	22.00	2
		50	50	21.28	21.30	21.30	22.00	2
		100	0	21.48	21.22	21.33	22.00	2
20	64-QAM	1	0	21.35	21.20	21.30	22.00	2
		1	50	21.36	21.17	21.35	22.00	2
		1	99	21.30	21.28	21.31	22.00	2
		50	0	20.29	20.38	20.35	21.00	3
		50	25	20.36	20.27	20.26	21.00	3
		50	50	20.44	20.35	20.19	21.00	3
		100	0	20.32	20.36	20.41	21.00	3
20	256-QAM	1	0	20.45	20.21	20.31	21.00	3
		1	50	20.36	20.31	20.27	21.00	3
		1	99	20.36	20.32	20.42	21.00	3
		50	0	19.34	19.23	19.18	20.00	4
		50	25	19.31	19.17	19.33	20.00	4
		50	50	19.48	19.39	19.26	20.00	4
		100	0	19.45	19.39	19.42	20.00	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

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	23.28	23.39	23.39	24.00	0
		1	36	23.35	23.31	23.31	24.00	0
		1	74	23.32	23.24	23.31	24.00	0
		36	0	22.33	22.29	22.38	23.00	1
		36	18	22.39	22.30	22.28	23.00	1
		36	37	22.28	22.27	22.23	23.00	1
		75	0	22.31	22.34	22.31	23.00	1
15	16-QAM	1	0	22.42	22.36	22.30	23.00	1
		1	36	22.46	22.27	22.42	23.00	1
		1	74	22.39	22.31	22.25	23.00	1
		36	0	21.30	21.27	21.23	22.00	2
		36	18	21.34	21.28	21.26	22.00	2
		36	37	21.46	21.30	21.30	22.00	2
		75	0	21.27	21.15	21.31	22.00	2
15	64-QAM	1	0	21.35	21.25	21.32	22.00	2
		1	36	21.33	21.32	21.26	22.00	2
		1	74	21.42	21.21	21.22	22.00	2
		36	0	20.39	20.22	20.34	21.00	3
		36	18	20.38	20.25	20.38	21.00	3
		36	37	20.38	20.28	20.23	21.00	3
		75	0	20.36	20.35	20.19	21.00	3
15	256-QAM	1	0	20.26	20.25	20.23	21.00	3
		1	36	20.40	20.27	20.34	21.00	3
		1	74	20.31	20.29	20.33	21.00	3
		36	0	19.46	19.29	19.37	20.00	4
		36	18	19.25	19.22	19.30	20.00	4
		36	37	19.44	19.28	19.42	20.00	4
		75	0	19.46	19.28	19.22	20.00	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.

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	23.33	23.19	23.33	24.00	0
		1	25	23.35	23.30	23.40	24.00	0
		1	49	23.31	23.23	23.20	24.00	0
		25	0	22.25	22.18	22.21	23.00	1
		25	12	22.26	22.31	22.21	23.00	1
		25	25	22.36	22.33	22.37	23.00	1
		50	0	22.42	22.32	22.34	23.00	1
10	16-QAM	1	0	22.33	22.18	22.32	23.00	1
		1	25	22.31	22.20	22.28	23.00	1
		1	49	22.34	22.17	22.38	23.00	1
		25	0	21.32	21.28	21.32	22.00	2
		25	12	21.41	21.31	21.20	22.00	2
		25	25	21.35	21.24	21.29	22.00	2
		50	0	21.44	21.33	21.23	22.00	2
10	64-QAM	1	0	21.30	21.32	21.46	22.00	2
		1	25	21.43	21.38	21.35	22.00	2
		1	49	21.34	21.30	21.20	22.00	2
		25	0	20.45	20.41	20.20	21.00	3
		25	12	20.40	20.25	20.29	21.00	3
		25	25	20.38	20.27	20.43	21.00	3
		50	0	20.33	20.27	20.23	21.00	3
10	256-QAM	1	0	20.36	20.32	20.31	21.00	3
		1	25	20.43	20.31	20.25	21.00	3
		1	49	20.37	20.38	20.33	21.00	3
		25	0	19.41	19.33	19.34	20.00	4
		25	12	19.34	19.32	19.43	20.00	4
		25	25	19.41	19.21	19.44	20.00	4
		50	0	19.39	19.37	19.35	20.00	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.

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	23.42	23.33	23.28	24.00	0
		1	12	23.39	23.24	23.29	24.00	0
		1	24	23.37	23.32	23.27	24.00	0
		12	0	22.36	22.25	22.30	23.00	1
		12	6	22.28	22.39	22.34	23.00	1
		12	13	22.40	22.17	22.20	23.00	1
		25	0	22.35	22.40	22.29	23.00	1
5	16-QAM	1	0	22.34	22.41	22.23	23.00	1
		1	12	22.33	22.22	22.35	23.00	1
		1	24	22.32	22.34	22.29	23.00	1
		12	0	21.37	21.26	21.20	22.00	2
		12	6	21.37	21.36	21.28	22.00	2
		12	13	21.42	21.22	21.31	22.00	2
		25	0	21.46	21.20	21.33	22.00	2
5	64-QAM	1	0	21.29	21.23	21.36	22.00	2
		1	12	21.30	21.28	21.24	22.00	2
		1	24	21.48	21.28	21.30	22.00	2
		12	0	20.34	20.22	20.45	21.00	3
		12	6	20.32	20.18	20.25	21.00	3
		12	13	20.38	20.24	20.32	21.00	3
		25	0	20.38	20.40	20.35	21.00	3
5	256-QAM	1	0	20.35	20.26	20.39	21.00	3
		1	12	20.41	20.29	20.40	21.00	3
		1	24	20.31	20.33	20.35	21.00	3
		12	0	19.30	19.23	19.39	20.00	4
		12	6	19.35	19.26	19.23	20.00	4
		12	13	19.32	19.30	19.46	20.00	4
		25	0	19.48	19.33	19.36	20.00	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.

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	23.37	23.29	23.32	24.00	0
		1	7	23.32	23.33	23.18	24.00	0
		1	14	23.39	23.33	23.27	24.00	0
		8	0	22.32	22.21	22.20	23.00	1
		8	4	22.41	22.33	22.22	23.00	1
		8	7	22.29	22.23	22.36	23.00	1
		15	0	22.37	22.20	22.37	23.00	1
3	16-QAM	1	0	22.33	22.24	22.39	23.00	1
		1	7	22.30	22.24	22.33	23.00	1
		1	14	22.24	22.36	22.35	23.00	1
		8	0	21.37	21.38	21.33	22.00	2
		8	4	21.30	21.37	21.32	22.00	2
		8	7	21.32	21.31	21.29	22.00	2
		15	0	21.39	21.26	21.31	22.00	2
3	64-QAM	1	0	21.31	21.19	21.32	22.00	2
		1	7	21.34	21.29	21.32	22.00	2
		1	14	21.33	21.23	21.25	22.00	2
		8	0	20.26	20.34	20.36	21.00	3
		8	4	20.47	20.23	20.21	21.00	3
		8	7	20.39	20.26	20.31	21.00	3
		15	0	20.35	20.36	20.25	21.00	3
3	256-QAM	1	0	20.41	20.29	20.34	21.00	3
		1	7	20.29	20.21	20.28	21.00	3
		1	14	20.43	20.27	20.31	21.00	3
		8	0	19.43	19.40	19.42	20.00	4
		8	4	19.44	19.28	19.44	20.00	4
		8	7	19.42	19.26	19.37	20.00	4
		15	0	19.42	19.37	19.28	20.00	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

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	23.12	23.19	23.15	24.00	0
		1	2	23.11	23.13	23.11	24.00	0
		1	5	23.16	23.20	23.17	24.00	0
		3	0	23.13	23.14	23.12	24.00	0
		3	2	23.20	23.09	23.28	24.00	0
		3	3	23.16	23.17	23.14	24.00	0
		6	0	22.13	22.12	22.17	23.00	1
1.4	16-QAM	1	0	22.15	22.16	22.20	23.00	1
		1	2	22.31	22.12	22.17	23.00	1
		1	5	22.22	22.15	22.08	23.00	1
		3	0	22.20	22.05	22.13	23.00	1
		3	2	22.31	22.10	22.19	23.00	1
		3	3	22.15	22.18	22.17	23.00	1
		6	0	21.22	21.13	21.15	22.00	2
1.4	64-QAM	1	0	21.18	21.02	21.20	22.00	2
		1	2	21.16	21.23	21.20	22.00	2
		1	5	21.21	21.24	21.17	22.00	2
		3	0	21.16	21.09	21.29	22.00	2
		3	2	21.13	21.12	21.17	22.00	2
		3	3	21.34	21.14	21.15	22.00	2
		6	0	20.18	20.19	20.10	21.00	3
1.4	256-QAM	1	0	20.14	20.08	20.20	21.00	3
		1	2	20.16	20.13	20.10	21.00	3
		1	5	20.20	20.04	20.23	21.00	3
		3	0	20.21	20.19	20.21	21.00	3
		3	2	20.22	20.25	20.22	21.00	3
		3	3	20.19	20.18	20.07	21.00	3
		6	0	19.18	19.09	19.15	20.00	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

LTE Band 71								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				673	680.5	688		
Channel				133222	133297	133372		
20	QPSK	1	0	23.40	23.37	23.45	24.00	0
		1	50	23.19	23.19	23.33	24.00	0
		1	99	23.30	23.21	23.34	24.00	0
		50	0	22.19	22.33	22.25	23.00	1
		50	25	22.22	22.18	22.31	23.00	1
		50	50	22.33	22.29	22.28	23.00	1
		100	0	22.12	22.29	22.27	23.00	1
20	16-QAM	1	0	22.34	22.20	22.19	23.00	1
		1	50	22.25	22.12	22.26	23.00	1
		1	99	22.18	22.12	22.21	23.00	1
		50	0	21.17	21.18	21.33	22.00	2
		50	25	21.33	21.07	21.39	22.00	2
		50	50	21.16	21.12	21.25	22.00	2
		100	0	21.15	21.25	21.17	22.00	2
20	64-QAM	1	0	21.31	21.15	21.25	22.00	2
		1	50	21.25	21.25	21.30	22.00	2
		1	99	21.20	21.16	21.34	22.00	2
		50	0	20.29	20.31	20.25	21.00	3
		50	25	20.16	20.19	20.22	21.00	3
		50	50	20.32	20.25	20.27	21.00	3
		100	0	20.28	20.13	20.34	21.00	3
20	256-QAM	1	0	20.13	20.21	20.20	21.00	3
		1	50	20.23	20.25	20.26	21.00	3
		1	99	20.26	20.15	20.29	21.00	3
		50	0	19.27	19.32	19.33	20.00	4
		50	25	19.15	19.20	19.21	20.00	4
		50	50	19.18	19.20	19.18	20.00	4
		100	0	19.16	19.15	19.30	20.00	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

LTE Band 71								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				670.5	680.5	690.5		
Channel				133197	133297	133397		
15	QPSK	1	0	23.35	23.10	23.32	24.00	0
		1	36	23.30	23.20	23.29	24.00	0
		1	74	23.10	23.19	23.38	24.00	0
		36	0	22.32	22.29	22.25	23.00	1
		36	18	22.32	22.27	22.28	23.00	1
		36	37	22.28	22.14	22.23	23.00	1
		75	0	22.23	22.27	22.17	23.00	1
15	16-QAM	1	0	22.19	22.14	22.19	23.00	1
		1	36	22.22	22.16	22.42	23.00	1
		1	74	22.23	22.23	22.15	23.00	1
		36	0	21.16	21.23	21.29	22.00	2
		36	18	21.22	21.28	21.36	22.00	2
		36	37	21.22	21.33	21.24	22.00	2
		75	0	21.31	21.21	21.40	22.00	2
15	64-QAM	1	0	21.18	21.21	21.22	22.00	2
		1	36	21.26	21.19	21.19	22.00	2
		1	74	21.32	21.25	21.28	22.00	2
		36	0	20.26	20.24	20.39	21.00	3
		36	18	20.32	20.25	20.25	21.00	3
		36	37	20.20	20.25	20.35	21.00	3
		75	0	20.23	20.11	20.34	21.00	3
15	256-QAM	1	0	20.31	20.23	20.34	21.00	3
		1	36	20.25	20.31	20.18	21.00	3
		1	74	20.26	20.24	20.39	21.00	3
		36	0	19.27	19.22	19.29	20.00	4
		36	18	19.20	19.17	19.36	20.00	4
		36	37	19.12	19.20	19.38	20.00	4
		75	0	19.28	19.15	19.36	20.00	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.

LTE Band 71								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				668	680.5	693		
Channel				133172	133297	133422		
10	QPSK	1	0	23.29	23.28	23.27	24.00	0
		1	25	23.13	23.27	23.40	24.00	0
		1	49	23.19	23.16	23.35	24.00	0
		25	0	22.18	22.33	22.27	23.00	1
		25	12	22.25	22.32	22.36	23.00	1
		25	25	22.15	22.25	22.28	23.00	1
		50	0	22.25	22.17	22.32	23.00	1
10	16-QAM	1	0	22.18	22.20	22.22	23.00	1
		1	25	22.28	22.33	22.23	23.00	1
		1	49	22.24	22.29	22.36	23.00	1
		25	0	21.26	21.25	21.25	22.00	2
		25	12	21.25	21.14	21.34	22.00	2
		25	25	21.22	21.29	21.38	22.00	2
		50	0	21.29	21.21	21.30	22.00	2
10	64-QAM	1	0	21.32	21.30	21.27	22.00	2
		1	25	21.14	21.15	21.38	22.00	2
		1	49	21.22	21.12	21.32	22.00	2
		25	0	20.19	20.17	20.37	21.00	3
		25	12	20.18	20.20	20.36	21.00	3
		25	25	20.20	20.28	20.17	21.00	3
		50	0	20.33	20.11	20.22	21.00	3
10	256-QAM	1	0	20.33	20.21	20.33	21.00	3
		1	25	20.28	20.11	20.29	21.00	3
		1	49	20.27	20.23	20.33	21.00	3
		25	0	19.22	19.20	19.23	20.00	4
		25	12	19.16	19.31	19.26	20.00	4
		25	25	19.19	19.11	19.33	20.00	4
		50	0	19.28	19.31	19.40	20.00	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.

LTE Band 71								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				665.5	680.5	695.5		
Channel				133147	133297	133447		
5	QPSK	1	0	23.24	23.16	23.22	24.00	0
		1	12	23.14	23.09	23.27	24.00	0
		1	24	23.20	23.21	23.20	24.00	0
		12	0	22.25	22.21	22.28	23.00	1
		12	6	22.21	22.32	22.31	23.00	1
		12	13	22.26	22.26	22.32	23.00	1
		25	0	22.30	22.09	22.38	23.00	1
5	16-QAM	1	0	22.21	22.24	22.22	23.00	1
		1	12	22.26	22.18	22.17	23.00	1
		1	24	22.22	22.12	22.29	23.00	1
		12	0	21.26	21.18	21.29	22.00	2
		12	6	21.16	21.25	21.37	22.00	2
		12	13	21.25	21.21	21.32	22.00	2
		25	0	21.21	21.11	21.35	22.00	2
5	64-QAM	1	0	21.21	21.23	21.31	22.00	2
		1	12	21.29	21.24	21.38	22.00	2
		1	24	21.26	21.16	21.36	22.00	2
		12	0	20.26	20.28	20.23	21.00	3
		12	6	20.14	20.31	20.34	21.00	3
		12	13	20.27	20.28	20.32	21.00	3
		25	0	20.19	20.16	20.25	21.00	3
5	256-QAM	1	0	20.24	20.17	20.32	21.00	3
		1	12	20.22	20.20	20.26	21.00	3
		1	24	20.24	20.18	20.31	21.00	3
		12	0	19.24	19.20	19.33	20.00	4
		12	6	19.25	19.20	19.33	20.00	4
		12	13	19.24	19.28	19.29	20.00	4
		25	0	19.13	19.15	19.23	20.00	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.

Aux 2

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	23.41	23.44	23.37	24.00	0
		1	50	23.27	23.38	23.28	24.00	0
		1	99	23.28	23.23	23.30	24.00	0
		50	0	22.27	22.20	22.15	23.00	1
		50	25	22.22	22.23	22.21	23.00	1
		50	50	22.30	22.35	22.22	23.00	1
		100	0	22.36	22.33	22.28	23.00	1
20	16-QAM	1	0	22.25	22.37	22.07	23.00	1
		1	50	22.16	22.34	22.19	23.00	1
		1	99	22.25	22.33	22.32	23.00	1
		50	0	21.29	21.27	21.21	22.00	2
		50	25	21.38	21.30	21.35	22.00	2
		50	50	21.11	21.27	21.28	22.00	2
		100	0	21.20	21.31	21.13	22.00	2
20	64-QAM	1	0	21.26	21.37	21.14	22.00	2
		1	50	21.29	21.19	21.15	22.00	2
		1	99	21.12	21.28	21.16	22.00	2
		50	0	20.25	20.18	20.23	21.00	3
		50	25	20.14	20.25	20.16	21.00	3
		50	50	20.24	20.33	20.21	21.00	3
		100	0	20.31	20.30	20.22	21.00	3
20	256-QAM	1	0	20.33	20.30	20.16	21.00	3
		1	50	20.22	20.33	20.30	21.00	3
		1	99	20.24	20.24	20.17	21.00	3
		50	0	19.24	19.18	19.21	20.00	4
		50	25	19.20	19.35	19.22	20.00	4
		50	50	19.28	19.18	19.35	20.00	4
		100	0	19.19	19.17	19.20	20.00	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

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	23.21	23.29	23.20	24.00	0
		1	36	23.17	23.33	23.15	24.00	0
		1	74	23.32	23.26	23.25	24.00	0
		36	0	22.27	22.31	22.08	23.00	1
		36	18	22.30	22.27	22.27	23.00	1
		36	37	22.20	22.33	22.12	23.00	1
		75	0	22.34	22.35	22.20	23.00	1
15	16-QAM	1	0	22.15	22.25	22.14	23.00	1
		1	36	22.20	22.19	22.18	23.00	1
		1	74	22.26	22.27	22.21	23.00	1
		36	0	21.17	21.28	21.24	22.00	2
		36	18	21.29	21.31	21.28	22.00	2
		36	37	21.37	21.32	21.27	22.00	2
		75	0	21.34	21.27	21.15	22.00	2
15	64-QAM	1	0	21.22	21.34	21.16	22.00	2
		1	36	21.23	21.26	21.23	22.00	2
		1	74	21.25	21.22	21.33	22.00	2
		36	0	20.24	20.23	20.17	21.00	3
		36	18	20.17	20.29	20.22	21.00	3
		36	37	20.14	20.19	20.25	21.00	3
		75	0	20.37	20.24	20.33	21.00	3
15	256-QAM	1	0	20.18	20.29	20.30	21.00	3
		1	36	20.27	20.30	20.17	21.00	3
		1	74	20.34	20.34	20.16	21.00	3
		36	0	19.19	19.28	19.22	20.00	4
		36	18	19.31	19.34	19.16	20.00	4
		36	37	19.19	19.31	19.18	20.00	4
		75	0	19.22	19.29	19.24	20.00	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.

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	23.22	23.37	23.16	24.00	0
		1	25	23.31	23.36	23.18	24.00	0
		1	49	23.11	23.31	23.24	24.00	0
		25	0	22.39	22.42	22.22	23.00	1
		25	12	22.18	22.28	22.29	23.00	1
		25	25	22.12	22.33	22.24	23.00	1
		50	0	22.22	22.34	22.16	23.00	1
10	16-QAM	1	0	22.24	22.38	22.12	23.00	1
		1	25	22.25	22.24	22.19	23.00	1
		1	49	22.27	22.32	22.13	23.00	1
		25	0	21.32	21.24	21.27	22.00	2
		25	12	21.24	21.28	21.27	22.00	2
		25	25	21.22	21.29	21.30	22.00	2
		50	0	21.22	21.27	21.14	22.00	2
10	64-QAM	1	0	21.35	21.30	21.17	22.00	2
		1	25	21.14	21.25	21.32	22.00	2
		1	49	21.29	21.23	21.24	22.00	2
		25	0	20.24	20.19	20.16	21.00	3
		25	12	20.30	20.24	20.30	21.00	3
		25	25	20.25	20.33	20.31	21.00	3
		50	0	20.19	20.23	20.20	21.00	3
10	256-QAM	1	0	20.20	20.31	20.31	21.00	3
		1	25	20.24	20.23	20.20	21.00	3
		1	49	20.24	20.37	20.23	21.00	3
		25	0	19.22	19.37	19.31	20.00	4
		25	12	19.23	19.17	19.12	20.00	4
		25	25	19.14	19.23	19.23	20.00	4
		50	0	19.23	19.22	19.19	20.00	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

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	23.39	23.28	23.21	24.00	0
		1	12	23.28	23.39	23.20	24.00	0
		1	24	23.29	23.39	23.21	24.00	0
		12	0	22.31	22.22	22.15	23.00	1
		12	6	22.28	22.32	22.15	23.00	1
		12	13	22.20	22.23	22.21	23.00	1
		25	0	22.21	22.27	22.34	23.00	1
5	16-QAM	1	0	22.19	22.28	22.24	23.00	1
		1	12	22.36	22.36	22.17	23.00	1
		1	24	22.32	22.33	22.30	23.00	1
		12	0	21.28	21.19	21.26	22.00	2
		12	6	21.20	21.17	21.25	22.00	2
		12	13	21.20	21.36	21.23	22.00	2
		25	0	21.24	21.31	21.23	22.00	2
5	64-QAM	1	0	21.18	21.22	21.29	22.00	2
		1	12	21.25	21.23	21.13	22.00	2
		1	24	21.32	21.28	21.24	22.00	2
		12	0	20.14	20.18	20.19	21.00	3
		12	6	20.27	20.29	20.30	21.00	3
		12	13	20.14	20.30	20.16	21.00	3
		25	0	20.22	20.28	20.24	21.00	3
5	256-QAM	1	0	20.21	20.17	20.18	21.00	3
		1	12	20.24	20.27	20.20	21.00	3
		1	24	20.22	20.21	20.28	21.00	3
		12	0	19.19	19.26	19.17	20.00	4
		12	6	19.16	19.23	19.33	20.00	4
		12	13	19.16	19.21	19.20	20.00	4
		25	0	19.17	19.26	19.08	20.00	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.

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	23.26	23.21	23.21	24.00	0
		1	7	23.26	23.19	23.16	24.00	0
		1	14	23.25	23.17	23.13	24.00	0
		8	0	22.23	22.32	22.23	23.00	1
		8	4	22.21	22.28	22.18	23.00	1
		8	7	22.27	22.33	22.12	23.00	1
		15	0	22.15	22.32	22.25	23.00	1
3	16-QAM	1	0	22.36	22.26	22.16	23.00	1
		1	7	22.22	22.35	22.19	23.00	1
		1	14	22.13	22.23	22.11	23.00	1
		8	0	21.33	21.34	21.23	22.00	2
		8	4	21.32	21.23	21.29	22.00	2
		8	7	21.32	21.25	21.31	22.00	2
		15	0	21.34	21.18	21.17	22.00	2
3	64-QAM	1	0	21.27	21.22	21.21	22.00	2
		1	7	21.17	21.19	21.22	22.00	2
		1	14	21.25	21.27	21.14	22.00	2
		8	0	20.32	20.39	20.16	21.00	3
		8	4	20.27	20.18	20.20	21.00	3
		8	7	20.30	20.26	20.16	21.00	3
		15	0	20.21	20.30	20.29	21.00	3
3	256-QAM	1	0	20.29	20.39	20.19	21.00	3
		1	7	20.35	20.18	20.21	21.00	3
		1	14	20.23	20.32	20.18	21.00	3
		8	0	19.27	19.29	19.15	20.00	4
		8	4	19.30	19.30	19.16	20.00	4
		8	7	19.25	19.27	19.17	20.00	4
		15	0	19.19	19.24	19.23	20.00	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

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	23.23	23.19	23.00	24.00	0
		1	2	23.16	23.02	23.10	24.00	0
		1	5	23.18	23.07	23.01	24.00	0
		3	0	23.04	23.05	23.16	24.00	0
		3	2	23.18	23.06	22.99	24.00	0
		3	3	23.02	23.00	23.09	24.00	0
		6	0	22.08	22.12	22.06	23.00	1
1.4	16-QAM	1	0	22.10	22.01	22.08	23.00	1
		1	2	22.03	22.10	22.12	23.00	1
		1	5	22.09	22.12	22.17	23.00	1
		3	0	22.20	22.11	22.01	23.00	1
		3	2	22.05	22.11	22.17	23.00	1
		3	3	22.07	22.05	22.13	23.00	1
		6	0	21.14	21.01	21.06	22.00	2
1.4	64-QAM	1	0	21.05	21.06	21.08	22.00	2
		1	2	21.09	21.05	21.00	22.00	2
		1	5	21.15	21.06	21.13	22.00	2
		3	0	21.01	21.10	21.04	22.00	2
		3	2	21.04	21.02	21.10	22.00	2
		3	3	21.06	21.17	21.07	22.00	2
		6	0	20.13	20.09	20.05	21.00	3
1.4	256-QAM	1	0	20.03	19.98	20.00	21.00	3
		1	2	20.19	20.00	20.03	21.00	3
		1	5	20.16	19.93	20.03	21.00	3
		3	0	20.03	20.16	20.10	21.00	3
		3	2	20.19	19.97	20.13	21.00	3
		3	3	20.14	20.14	20.10	21.00	3
		6	0	19.08	19.11	18.99	20.00	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

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	23.58	23.87	23.90	24.00	0
		1	50	23.37	23.78	23.76	24.00	0
		1	99	23.49	23.81	23.73	24.00	0
		50	0	22.41	22.77	22.76	23.00	1
		50	25	22.34	22.73	22.79	23.00	1
		50	50	22.39	22.71	22.65	23.00	1
		100	0	22.51	22.68	22.74	23.00	1
20	16-QAM	1	0	22.51	22.72	22.67	23.00	1
		1	50	22.47	22.69	22.69	23.00	1
		1	99	22.30	22.78	22.71	23.00	1
		50	0	21.41	21.63	21.66	22.00	2
		50	25	21.54	21.65	21.77	22.00	2
		50	50	21.38	21.68	21.68	22.00	2
		100	0	21.51	21.57	21.73	22.00	2
20	64-QAM	1	0	21.36	21.66	21.71	22.00	2
		1	50	21.34	21.70	21.77	22.00	2
		1	99	21.31	21.66	21.74	22.00	2
		50	0	20.49	20.75	20.79	21.00	3
		50	25	20.50	20.74	20.78	21.00	3
		50	50	20.37	20.75	20.76	21.00	3
		100	0	20.34	20.69	20.83	21.00	3
20	256-QAM	1	0	20.53	20.76	20.81	21.00	3
		1	50	20.37	20.69	20.70	21.00	3
		1	99	20.48	20.80	20.75	21.00	3
		50	0	19.32	19.71	19.71	20.00	4
		50	25	19.50	19.58	19.77	20.00	4
		50	50	19.42	19.72	19.68	20.00	4
		100	0	19.41	19.77	19.73	20.00	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.

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	23.42	23.68	23.72	24.00	0
		1	36	23.52	23.71	23.67	24.00	0
		1	74	23.32	23.71	23.77	24.00	0
		36	0	22.47	22.70	22.83	23.00	1
		36	18	22.45	22.64	22.79	23.00	1
		36	37	22.43	22.69	22.67	23.00	1
		75	0	22.43	22.68	22.81	23.00	1
15	16-QAM	1	0	22.54	22.65	22.76	23.00	1
		1	36	22.37	22.67	22.80	23.00	1
		1	74	22.43	22.76	22.77	23.00	1
		36	0	21.43	21.77	21.77	22.00	2
		36	18	21.48	21.71	21.75	22.00	2
		36	37	21.45	21.65	21.83	22.00	2
		75	0	21.47	21.75	21.73	22.00	2
15	64-QAM	1	0	21.47	21.65	21.76	22.00	2
		1	36	21.44	21.73	21.67	22.00	2
		1	74	21.39	21.78	21.72	22.00	2
		36	0	20.35	20.78	20.70	21.00	3
		36	18	20.34	20.66	20.77	21.00	3
		36	37	20.38	20.74	20.85	21.00	3
		75	0	20.39	20.70	20.71	21.00	3
15	256-QAM	1	0	20.50	20.63	20.67	21.00	3
		1	36	20.37	20.65	20.73	21.00	3
		1	74	20.50	20.81	20.71	21.00	3
		36	0	19.41	19.61	19.65	20.00	4
		36	18	19.33	19.76	19.73	20.00	4
		36	37	19.31	19.74	19.79	20.00	4
		75	0	19.42	19.65	19.64	20.00	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.

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	23.40	23.74	23.68	24.00	0
		1	25	23.49	23.69	23.73	24.00	0
		1	49	23.34	23.66	23.77	24.00	0
		25	0	22.44	22.75	22.67	23.00	1
		25	12	22.42	22.65	22.73	23.00	1
		25	25	22.50	22.70	22.74	23.00	1
		50	0	22.44	22.75	22.72	23.00	1
10	16-QAM	1	0	22.52	22.72	22.74	23.00	1
		1	25	22.39	22.82	22.86	23.00	1
		1	49	22.49	22.60	22.78	23.00	1
		25	0	21.38	21.67	21.76	22.00	2
		25	12	21.44	21.66	21.80	22.00	2
		25	25	21.30	21.59	21.82	22.00	2
		50	0	21.47	21.69	21.73	22.00	2
10	64-QAM	1	0	21.54	21.65	21.81	22.00	2
		1	25	21.51	21.78	21.75	22.00	2
		1	49	21.36	21.83	21.81	22.00	2
		25	0	20.48	20.70	20.71	21.00	3
		25	12	20.39	20.64	20.68	21.00	3
		25	25	20.47	20.64	20.77	21.00	3
		50	0	20.33	20.71	20.74	21.00	3
10	256-QAM	1	0	20.46	20.75	20.74	21.00	3
		1	25	20.45	20.70	20.79	21.00	3
		1	49	20.33	20.65	20.75	21.00	3
		25	0	19.44	19.83	19.79	20.00	4
		25	12	19.42	19.83	19.69	20.00	4
		25	25	19.31	19.62	19.84	20.00	4
		50	0	19.40	19.74	19.80	20.00	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.

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	23.37	23.72	23.75	24.00	0
		1	12	23.48	23.60	23.75	24.00	0
		1	24	23.46	23.74	23.64	24.00	0
		12	0	22.52	22.72	22.75	23.00	1
		12	6	22.43	22.76	22.72	23.00	1
		12	13	22.40	22.75	22.77	23.00	1
		25	0	22.48	22.70	22.68	23.00	1
5	16-QAM	1	0	22.49	22.66	22.63	23.00	1
		1	12	22.40	22.64	22.68	23.00	1
		1	24	22.32	22.78	22.63	23.00	1
		12	0	21.45	21.71	21.75	22.00	2
		12	6	21.45	21.69	21.82	22.00	2
		12	13	21.36	21.74	21.81	22.00	2
		25	0	21.45	21.70	21.66	22.00	2
5	64-QAM	1	0	21.48	21.74	21.80	22.00	2
		1	12	21.33	21.73	21.74	22.00	2
		1	24	21.36	21.72	21.83	22.00	2
		12	0	20.53	20.64	20.76	21.00	3
		12	6	20.43	20.64	20.74	21.00	3
		12	13	20.45	20.69	20.79	21.00	3
		25	0	20.36	20.81	20.81	21.00	3
5	256-QAM	1	0	20.50	20.76	20.85	21.00	3
		1	12	20.52	20.84	20.74	21.00	3
		1	24	20.44	20.82	20.64	21.00	3
		12	0	19.52	19.66	19.68	20.00	4
		12	6	19.37	19.74	19.63	20.00	4
		12	13	19.44	19.76	19.74	20.00	4
		25	0	19.37	19.74	19.82	20.00	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

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	23.36	23.69	23.68	24.00	0
		1	7	23.48	23.73	23.67	24.00	0
		1	14	23.46	23.70	23.72	24.00	0
		8	0	22.39	22.62	22.71	23.00	1
		8	4	22.43	22.75	22.75	23.00	1
		8	7	22.42	22.80	22.82	23.00	1
		15	0	22.34	22.80	22.67	23.00	1
3	16-QAM	1	0	22.41	22.77	22.80	23.00	1
		1	7	22.35	22.82	22.76	23.00	1
		1	14	22.40	22.68	22.67	23.00	1
		8	0	21.42	21.65	21.77	22.00	2
		8	4	21.50	21.62	21.78	22.00	2
		8	7	21.43	21.61	21.68	22.00	2
		15	0	21.33	21.73	21.67	22.00	2
3	64-QAM	1	0	21.43	21.66	21.79	22.00	2
		1	7	21.41	21.73	21.71	22.00	2
		1	14	21.46	21.71	21.83	22.00	2
		8	0	20.44	20.81	20.84	21.00	3
		8	4	20.49	20.73	20.65	21.00	3
		8	7	20.40	20.69	20.63	21.00	3
		15	0	20.39	20.60	20.75	21.00	3
3	256-QAM	1	0	20.46	20.65	20.83	21.00	3
		1	7	20.36	20.76	20.81	21.00	3
		1	14	20.46	20.74	20.86	21.00	3
		8	0	19.41	19.81	19.68	20.00	4
		8	4	19.56	19.70	19.82	20.00	4
		8	7	19.36	19.77	19.79	20.00	4
		15	0	19.46	19.69	19.62	20.00	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

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	23.28	23.45	23.61	24.00	0
		1	2	23.25	23.53	23.52	24.00	0
		1	5	23.24	23.49	23.58	24.00	0
		3	0	23.09	23.53	23.60	24.00	0
		3	2	23.22	23.54	23.47	24.00	0
		3	3	23.13	23.49	23.39	24.00	0
		6	0	22.19	22.50	22.44	23.00	1
1.4	16-QAM	1	0	22.22	22.49	22.50	23.00	1
		1	2	22.18	22.53	22.46	23.00	1
		1	5	22.25	22.62	22.60	23.00	1
		3	0	22.20	22.45	22.56	23.00	1
		3	2	22.11	22.50	22.52	23.00	1
		3	3	22.25	22.47	22.50	23.00	1
		6	0	21.26	21.56	21.40	22.00	2
1.4	64-QAM	1	0	21.16	21.48	21.42	22.00	2
		1	2	21.16	21.65	21.56	22.00	2
		1	5	21.26	21.58	21.43	22.00	2
		3	0	21.19	21.51	21.59	22.00	2
		3	2	21.11	21.43	21.55	22.00	2
		3	3	21.19	21.54	21.58	22.00	2
		6	0	20.24	20.54	20.51	21.00	3
1.4	256-QAM	1	0	20.20	20.44	20.46	21.00	3
		1	2	20.31	20.51	20.41	21.00	3
		1	5	20.19	20.53	20.59	21.00	3
		3	0	20.11	20.48	20.50	21.00	3
		3	2	20.17	20.49	20.55	21.00	3
		3	3	20.20	20.55	20.55	21.00	3
		6	0	19.13	19.57	19.62	20.00	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

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	23.45	23.62	23.54	24.00	0
		1	50	23.25	23.46	23.38	24.00	0
		1	99	23.19	23.43	23.34	24.00	0
		50	0	22.30	22.59	22.45	23.00	1
		50	25	22.23	22.47	22.33	23.00	1
		50	50	22.30	22.50	22.41	23.00	1
		100	0	22.18	22.39	22.40	23.00	1
20	16-QAM	1	0	22.33	22.55	22.33	23.00	1
		1	50	22.31	22.40	22.42	23.00	1
		1	99	22.32	22.55	22.44	23.00	1
		50	0	21.28	21.43	21.39	22.00	2
		50	25	21.34	21.46	21.38	22.00	2
		50	50	21.28	21.47	21.37	22.00	2
		100	0	21.19	21.44	21.39	22.00	2
20	64-QAM	1	0	21.29	21.44	21.34	22.00	2
		1	50	21.35	21.41	21.42	22.00	2
		1	99	21.23	21.51	21.39	22.00	2
		50	0	20.24	20.42	20.35	21.00	3
		50	25	20.32	20.50	20.39	21.00	3
		50	50	20.29	20.52	20.36	21.00	3
		100	0	20.22	20.55	20.37	21.00	3
20	256-QAM	1	0	20.23	20.37	20.42	21.00	3
		1	50	20.32	20.48	20.40	21.00	3
		1	99	20.16	20.44	20.37	21.00	3
		50	0	19.21	19.33	19.36	20.00	4
		50	25	19.41	19.39	19.37	20.00	4
		50	50	19.20	19.38	19.33	20.00	4
		100	0	19.33	19.54	19.44	20.00	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.

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	23.38	23.54	23.30	24.00	0
		1	36	23.37	23.45	23.40	24.00	0
		1	74	23.34	23.49	23.47	24.00	0
		36	0	22.30	22.47	22.32	23.00	1
		36	18	22.23	22.41	22.35	23.00	1
		36	37	22.30	22.46	22.30	23.00	1
		75	0	22.32	22.49	22.32	23.00	1
15	16-QAM	1	0	22.23	22.46	22.34	23.00	1
		1	36	22.29	22.50	22.36	23.00	1
		1	74	22.23	22.48	22.41	23.00	1
		36	0	21.33	21.49	21.34	22.00	2
		36	18	21.41	21.51	21.39	22.00	2
		36	37	21.43	21.44	21.34	22.00	2
		75	0	21.27	21.47	21.49	22.00	2
15	64-QAM	1	0	21.28	21.42	21.47	22.00	2
		1	36	21.27	21.42	21.32	22.00	2
		1	74	21.32	21.51	21.38	22.00	2
		36	0	20.23	20.42	20.35	21.00	3
		36	18	20.27	20.34	20.36	21.00	3
		36	37	20.25	20.43	20.29	21.00	3
		75	0	20.29	20.53	20.31	21.00	3
15	256-QAM	1	0	20.27	20.34	20.34	21.00	3
		1	36	20.33	20.43	20.50	21.00	3
		1	74	20.30	20.43	20.37	21.00	3
		36	0	19.33	19.60	19.26	20.00	4
		36	18	19.37	19.50	19.29	20.00	4
		36	37	19.35	19.53	19.25	20.00	4
		75	0	19.23	19.53	19.38	20.00	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.

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	23.42	23.39	23.46	24.00	0
		1	25	23.28	23.48	23.31	24.00	0
		1	49	23.31	23.49	23.38	24.00	0
		25	0	22.21	22.45	22.29	23.00	1
		25	12	22.30	22.44	22.35	23.00	1
		25	25	22.36	22.36	22.39	23.00	1
		50	0	22.26	22.33	22.33	23.00	1
10	16-QAM	1	0	22.30	22.48	22.42	23.00	1
		1	25	22.29	22.52	22.33	23.00	1
		1	49	22.33	22.50	22.29	23.00	1
		25	0	21.25	21.48	21.37	22.00	2
		25	12	21.40	21.42	21.44	22.00	2
		25	25	21.30	21.47	21.30	22.00	2
		50	0	21.27	21.43	21.33	22.00	2
10	64-QAM	1	0	21.38	21.51	21.42	22.00	2
		1	25	21.28	21.47	21.36	22.00	2
		1	49	21.31	21.52	21.30	22.00	2
		25	0	20.42	20.50	20.35	21.00	3
		25	12	20.21	20.47	20.33	21.00	3
		25	25	20.28	20.42	20.35	21.00	3
		50	0	20.38	20.52	20.33	21.00	3
10	256-QAM	1	0	20.28	20.48	20.38	21.00	3
		1	25	20.26	20.43	20.44	21.00	3
		1	49	20.27	20.55	20.35	21.00	3
		25	0	19.32	19.55	19.46	20.00	4
		25	12	19.33	19.48	19.47	20.00	4
		25	25	19.24	19.52	19.51	20.00	4
		50	0	19.38	19.43	19.33	20.00	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

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	23.28	23.54	23.49	24.00	0
		1	12	23.23	23.49	23.31	24.00	0
		1	24	23.28	23.54	23.28	24.00	0
		12	0	22.24	22.48	22.37	23.00	1
		12	6	22.38	22.57	22.43	23.00	1
		12	13	22.38	22.44	22.39	23.00	1
		25	0	22.36	22.39	22.37	23.00	1
5	16-QAM	1	0	22.36	22.37	22.24	23.00	1
		1	12	22.25	22.46	22.39	23.00	1
		1	24	22.30	22.47	22.33	23.00	1
		12	0	21.24	21.46	21.46	22.00	2
		12	6	21.39	21.46	21.37	22.00	2
		12	13	21.17	21.49	21.40	22.00	2
		25	0	21.18	21.46	21.39	22.00	2
5	64-QAM	1	0	21.30	21.49	21.33	22.00	2
		1	12	21.27	21.41	21.44	22.00	2
		1	24	21.29	21.45	21.30	22.00	2
		12	0	20.42	20.50	20.33	21.00	3
		12	6	20.36	20.51	20.39	21.00	3
		12	13	20.22	20.49	20.39	21.00	3
		25	0	20.39	20.45	20.38	21.00	3
5	256-QAM	1	0	20.35	20.41	20.44	21.00	3
		1	12	20.27	20.50	20.46	21.00	3
		1	24	20.29	20.35	20.38	21.00	3
		12	0	19.32	19.53	19.26	20.00	4
		12	6	19.32	19.40	19.38	20.00	4
		12	13	19.31	19.48	19.36	20.00	4
		25	0	19.42	19.46	19.37	20.00	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.

LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1882.5	1905		
Channel				26140	26365	26590		
20	QPSK	1	0	23.51	23.89	23.45	24.00	0
		1	50	23.24	23.61	23.19	24.00	0
		1	99	23.28	23.63	23.37	24.00	0
		50	0	22.22	22.77	22.38	23.00	1
		50	25	22.32	22.60	22.15	23.00	1
		50	50	22.21	22.74	22.24	23.00	1
		100	0	22.42	22.83	22.33	23.00	1
20	16-QAM	1	0	22.33	22.66	22.31	23.00	1
		1	50	22.32	22.73	22.29	23.00	1
		1	99	22.30	22.72	22.25	23.00	1
		50	0	21.40	21.81	21.22	22.00	2
		50	25	21.44	21.72	21.35	22.00	2
		50	50	21.28	21.79	21.20	22.00	2
		100	0	21.36	21.69	21.26	22.00	2
20	64-QAM	1	0	21.35	21.66	21.28	22.00	2
		1	50	21.37	21.73	21.30	22.00	2
		1	99	21.40	21.74	21.30	22.00	2
		50	0	20.35	20.76	20.24	21.00	3
		50	25	20.31	20.69	20.23	21.00	3
		50	50	20.34	20.63	20.34	21.00	3
		100	0	20.33	20.77	20.30	21.00	3
20	256-QAM	1	0	20.31	20.77	20.33	21.00	3
		1	50	20.32	20.74	20.19	21.00	3
		1	99	20.30	20.77	20.36	21.00	3
		50	0	19.23	19.74	19.30	20.00	4
		50	25	19.36	19.67	19.27	20.00	4
		50	50	19.36	19.62	19.28	20.00	4
		100	0	19.40	19.79	19.25	20.00	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

LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
Channel				26115	26365	26615		
15	QPSK	1	0	23.45	23.70	23.27	24.00	0
		1	36	23.34	23.70	23.33	24.00	0
		1	74	23.35	23.68	23.33	24.00	0
		36	0	22.35	22.63	22.27	23.00	1
		36	18	22.38	22.68	22.20	23.00	1
		36	37	22.24	22.67	22.27	23.00	1
		75	0	22.42	22.72	22.35	23.00	1
15	16-QAM	1	0	22.30	22.79	22.28	23.00	1
		1	36	22.37	22.81	22.29	23.00	1
		1	74	22.37	22.72	22.42	23.00	1
		36	0	21.27	21.82	21.20	22.00	2
		36	18	21.47	21.83	21.38	22.00	2
		36	37	21.31	21.63	21.28	22.00	2
		75	0	21.40	21.76	21.38	22.00	2
15	64-QAM	1	0	21.39	21.76	21.37	22.00	2
		1	36	21.40	21.85	21.36	22.00	2
		1	74	21.33	21.72	21.29	22.00	2
		36	0	20.40	20.68	20.23	21.00	3
		36	18	20.34	20.64	20.37	21.00	3
		36	37	20.27	20.71	20.30	21.00	3
		75	0	20.44	20.71	20.26	21.00	3
15	256-QAM	1	0	20.31	20.69	20.35	21.00	3
		1	36	20.40	20.74	20.31	21.00	3
		1	74	20.36	20.70	20.31	21.00	3
		36	0	19.32	19.82	19.26	20.00	4
		36	18	19.33	19.63	19.34	20.00	4
		36	37	19.37	19.72	19.33	20.00	4
		75	0	19.34	19.78	19.20	20.00	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.

LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1882.5	1910		
Channel				26090	26365	26640		
10	QPSK	1	0	23.34	23.70	23.28	24.00	0
		1	25	23.28	23.74	23.25	24.00	0
		1	49	23.35	23.74	23.38	24.00	0
		25	0	22.35	22.71	22.30	23.00	1
		25	12	22.26	22.67	22.30	23.00	1
		25	25	22.34	22.68	22.28	23.00	1
		50	0	22.37	22.84	22.39	23.00	1
10	16-QAM	1	0	22.32	22.72	22.26	23.00	1
		1	25	22.40	22.67	22.33	23.00	1
		1	49	22.25	22.79	22.29	23.00	1
		25	0	21.35	21.62	21.32	22.00	2
		25	12	21.36	21.78	21.31	22.00	2
		25	25	21.45	21.78	21.17	22.00	2
		50	0	21.39	21.74	21.30	22.00	2
10	64-QAM	1	0	21.35	21.82	21.23	22.00	2
		1	25	21.25	21.71	21.37	22.00	2
		1	49	21.47	21.87	21.21	22.00	2
		25	0	20.30	20.72	20.19	21.00	3
		25	12	20.48	20.77	20.34	21.00	3
		25	25	20.28	20.68	20.29	21.00	3
		50	0	20.29	20.63	20.21	21.00	3
10	256-QAM	1	0	20.46	20.63	20.36	21.00	3
		1	25	20.43	20.69	20.34	21.00	3
		1	49	20.30	20.71	20.33	21.00	3
		25	0	19.46	19.66	19.31	20.00	4
		25	12	19.30	19.70	19.23	20.00	4
		25	25	19.33	19.75	19.33	20.00	4
		50	0	19.32	19.71	19.42	20.00	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.

LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
Channel				26065	26365	26665		
5	QPSK	1	0	23.32	23.66	23.37	24.00	0
		1	12	23.47	23.73	23.27	24.00	0
		1	24	23.44	23.69	23.40	24.00	0
		12	0	22.22	22.68	22.27	23.00	1
		12	6	22.30	22.61	22.32	23.00	1
		12	13	22.37	22.75	22.32	23.00	1
		25	0	22.28	22.73	22.23	23.00	1
5	16-QAM	1	0	22.30	22.72	22.29	23.00	1
		1	12	22.43	22.76	22.36	23.00	1
		1	24	22.40	22.73	22.20	23.00	1
		12	0	21.43	21.72	21.39	22.00	2
		12	6	21.41	21.72	21.33	22.00	2
		12	13	21.36	21.86	21.42	22.00	2
		25	0	21.33	21.68	21.33	22.00	2
5	64-QAM	1	0	21.31	21.66	21.26	22.00	2
		1	12	21.38	21.84	21.33	22.00	2
		1	24	21.35	21.65	21.31	22.00	2
		12	0	20.34	20.67	20.28	21.00	3
		12	6	20.24	20.74	20.21	21.00	3
		12	13	20.40	20.76	20.21	21.00	3
		25	0	20.33	20.72	20.38	21.00	3
5	256-QAM	1	0	20.38	20.69	20.20	21.00	3
		1	12	20.35	20.82	20.30	21.00	3
		1	24	20.28	20.69	20.29	21.00	3
		12	0	19.39	19.78	19.27	20.00	4
		12	6	19.25	19.74	19.32	20.00	4
		12	13	19.41	19.79	19.29	20.00	4
		25	0	19.40	19.78	19.20	20.00	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.

LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1851.5	1882.5	1913.5		
Channel				26055	26365	26675		
3	QPSK	1	0	23.33	23.80	23.29	24.00	0
		1	7	23.32	23.77	23.25	24.00	0
		1	14	23.49	23.73	23.27	24.00	0
		8	0	22.32	22.61	22.37	23.00	1
		8	4	22.44	22.80	22.41	23.00	1
		8	7	22.31	22.66	22.32	23.00	1
		15	0	22.23	22.76	22.31	23.00	1
3	16-QAM	1	0	22.39	22.61	22.16	23.00	1
		1	7	22.36	22.72	22.25	23.00	1
		1	14	22.42	22.75	22.25	23.00	1
		8	0	21.34	21.79	21.28	22.00	2
		8	4	21.42	21.63	21.37	22.00	2
		8	7	21.29	21.76	21.25	22.00	2
		15	0	21.26	21.74	21.17	22.00	2
3	64-QAM	1	0	21.29	21.68	21.25	22.00	2
		1	7	21.37	21.74	21.17	22.00	2
		1	14	21.26	21.77	21.30	22.00	2
		8	0	20.30	20.70	20.38	21.00	3
		8	4	20.41	20.61	20.40	21.00	3
		8	7	20.26	20.77	20.24	21.00	3
		15	0	20.37	20.75	20.24	21.00	3
3	256-QAM	1	0	20.30	20.76	20.31	21.00	3
		1	7	20.37	20.69	20.23	21.00	3
		1	14	20.28	20.74	20.30	21.00	3
		8	0	19.42	19.75	19.30	20.00	4
		8	4	19.37	19.83	19.21	20.00	4
		8	7	19.25	19.69	19.23	20.00	4
		15	0	19.43	19.64	19.33	20.00	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

LTE Band 25								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1850.7	1882.5	1914.3		
Channel				26047	26365	26683		
1.4	QPSK	1	0	23.19	23.66	23.11	24.00	0
		1	2	23.14	23.70	23.13	24.00	0
		1	5	23.16	23.62	23.04	24.00	0
		3	0	23.25	23.70	23.16	24.00	0
		3	2	23.19	23.64	23.18	24.00	0
		3	3	23.10	23.69	23.12	24.00	0
		6	0	22.19	22.59	22.23	23.00	1
1.4	16-QAM	1	0	22.16	22.73	22.19	23.00	1
		1	2	22.14	22.68	22.02	23.00	1
		1	5	22.12	22.67	22.16	23.00	1
		3	0	22.12	22.70	22.10	23.00	1
		3	2	22.22	22.77	22.22	23.00	1
		3	3	22.22	22.58	22.08	23.00	1
		6	0	21.06	21.76	21.16	22.00	2
1.4	64-QAM	1	0	21.21	21.70	21.05	22.00	2
		1	2	21.17	21.67	21.10	22.00	2
		1	5	21.15	21.60	21.04	22.00	2
		3	0	21.17	21.68	21.21	22.00	2
		3	2	21.16	21.66	21.23	22.00	2
		3	3	21.10	21.64	21.10	22.00	2
		6	0	20.17	20.76	20.11	21.00	3
1.4	256-QAM	1	0	20.16	20.73	20.14	21.00	3
		1	2	20.16	20.67	20.06	21.00	3
		1	5	20.22	20.66	20.08	21.00	3
		3	0	20.07	20.72	20.06	21.00	3
		3	2	20.12	20.66	20.14	21.00	3
		3	3	20.08	20.68	20.03	21.00	3
		6	0	19.21	19.76	19.16	20.00	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

LTE Band 30								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					2310			
Channel					27710			
10	QPSK	1	0		22.38		23.00	0
		1	25		22.34		23.00	0
		1	49		22.20		23.00	0
		25	0		21.15		22.00	1
		25	12		21.31		22.00	1
		25	25		21.22		22.00	1
		50	0		21.21		22.00	1
10	16-QAM	1	0		21.19		22.00	1
		1	25		21.17		22.00	1
		1	49		21.10		22.00	1
		25	0		20.18		21.00	2
		25	12		20.15		21.00	2
		25	25		20.20		21.00	2
		50	0		20.17		21.00	2
10	64-QAM	1	0		20.10		21.00	2
		1	25		20.18		21.00	2
		1	49		20.16		21.00	2
		25	0		19.23		20.00	3
		25	12		19.18		20.00	3
		25	25		19.24		20.00	3
		50	0		19.21		20.00	3
10	256-QAM	1	0		19.23		20.00	3
		1	25		19.23		20.00	3
		1	49		19.12		20.00	3
		25	0		18.34		19.00	4
		25	12		18.26		19.00	4
		25	25		18.24		19.00	4
		50	0		18.26		19.00	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

LTE Band 30								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2307.5	2310	2312.5		
Channel				27685	27710	27735		
5	QPSK	1	0	22.20	22.25	22.15	23.00	0
		1	12	21.96	22.10	21.93	23.00	0
		1	24	22.06	22.12	21.90	23.00	0
		12	0	21.03	21.18	20.92	22.00	1
		12	6	21.02	21.07	20.99	22.00	1
		12	13	21.02	21.06	21.00	22.00	1
		25	0	20.96	21.12	20.98	22.00	1
5	16-QAM	1	0	21.15	21.07	21.03	22.00	1
		1	12	21.16	21.17	21.04	22.00	1
		1	24	21.13	21.10	20.85	22.00	1
		12	0	20.16	20.06	19.97	21.00	2
		12	6	20.08	19.98	19.90	21.00	2
		12	13	19.98	20.13	20.04	21.00	2
		25	0	20.03	19.97	20.04	21.00	2
5	64-QAM	1	0	20.17	20.05	20.06	21.00	2
		1	12	20.04	20.17	20.02	21.00	2
		1	24	20.11	20.09	20.02	21.00	2
		12	0	19.02	19.02	19.06	20.00	3
		12	6	19.15	19.04	18.99	20.00	3
		12	13	19.10	19.16	18.91	20.00	3
		25	0	18.96	19.05	18.97	20.00	3
5	256-QAM	1	0	19.11	19.06	18.95	20.00	3
		1	12	18.97	19.07	18.95	20.00	3
		1	24	19.01	19.14	19.11	20.00	3
		12	0	18.07	18.07	17.95	19.00	4
		12	6	18.07	18.10	17.97	19.00	4
		12	13	17.99	18.06	18.06	19.00	4
		25	0	18.11	18.16	17.99	19.00	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

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	23.56	23.70	23.41	24.00	0
		1	50	23.34	23.61	23.16	24.00	0
		1	99	23.49	23.63	23.26	24.00	0
		50	0	22.45	22.50	22.36	23.00	1
		50	25	22.44	22.50	22.30	23.00	1
		50	50	22.47	22.53	22.27	23.00	1
		100	0	22.36	22.47	22.23	23.00	1
20	16-QAM	1	0	22.35	22.61	22.28	23.00	1
		1	50	22.45	22.55	22.16	23.00	1
		1	99	22.32	22.60	22.26	23.00	1
		50	0	21.33	21.52	21.18	22.00	2
		50	25	21.42	21.66	21.17	22.00	2
		50	50	21.51	21.51	21.32	22.00	2
		100	0	21.36	21.57	21.30	22.00	2
20	64-QAM	1	0	21.43	21.57	21.29	22.00	2
		1	50	21.47	21.54	21.31	22.00	2
		1	99	21.47	21.57	21.23	22.00	2
		50	0	20.40	20.45	20.25	21.00	3
		50	25	20.31	20.50	20.25	21.00	3
		50	50	20.35	20.54	20.26	21.00	3
		100	0	20.36	20.54	20.32	21.00	3
20	256-QAM	1	0	20.40	20.48	20.21	21.00	3
		1	50	20.43	20.47	20.28	21.00	3
		1	99	20.41	20.46	20.37	21.00	3
		50	0	19.44	19.53	19.21	20.00	4
		50	25	19.40	19.49	19.19	20.00	4
		50	50	19.42	19.66	19.25	20.00	4
		100	0	19.32	19.64	19.23	20.00	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

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	23.38	23.61	23.18	24.00	0
		1	36	23.39	23.57	23.24	24.00	0
		1	74	23.43	23.57	23.22	24.00	0
		36	0	22.38	22.54	22.30	23.00	1
		36	18	22.47	22.46	22.33	23.00	1
		36	37	22.33	22.49	22.18	23.00	1
		75	0	22.39	22.51	22.24	23.00	1
15	16-QAM	1	0	22.36	22.53	22.30	23.00	1
		1	36	22.41	22.65	22.17	23.00	1
		1	74	22.39	22.53	22.17	23.00	1
		36	0	21.41	21.55	21.30	22.00	2
		36	18	21.37	21.56	21.18	22.00	2
		36	37	21.36	21.59	21.19	22.00	2
		75	0	21.30	21.49	21.26	22.00	2
15	64-QAM	1	0	21.35	21.66	21.29	22.00	2
		1	36	21.45	21.58	21.29	22.00	2
		1	74	21.54	21.59	21.32	22.00	2
		36	0	20.45	20.61	20.19	21.00	3
		36	18	20.36	20.55	20.39	21.00	3
		36	37	20.30	20.51	20.24	21.00	3
		75	0	20.40	20.51	20.25	21.00	3
15	256-QAM	1	0	20.40	20.60	20.35	21.00	3
		1	36	20.34	20.51	20.33	21.00	3
		1	74	20.40	20.40	20.28	21.00	3
		36	0	19.42	19.52	19.30	20.00	4
		36	18	19.31	19.44	19.34	20.00	4
		36	37	19.36	19.54	19.22	20.00	4
		75	0	19.41	19.57	19.25	20.00	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.

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	23.50	23.56	23.29	24.00	0
		1	25	23.36	23.57	23.16	24.00	0
		1	49	23.52	23.58	23.19	24.00	0
		25	0	22.42	22.57	22.28	23.00	1
		25	12	22.49	22.49	22.25	23.00	1
		25	25	22.39	22.57	22.31	23.00	1
		50	0	22.35	22.46	22.30	23.00	1
10	16-QAM	1	0	22.39	22.49	22.30	23.00	1
		1	25	22.30	22.54	22.20	23.00	1
		1	49	22.44	22.44	22.32	23.00	1
		25	0	21.35	21.65	21.27	22.00	2
		25	12	21.42	21.61	21.20	22.00	2
		25	25	21.37	21.46	21.24	22.00	2
		50	0	21.46	21.56	21.17	22.00	2
10	64-QAM	1	0	21.39	21.54	21.26	22.00	2
		1	25	21.34	21.43	21.32	22.00	2
		1	49	21.34	21.55	21.18	22.00	2
		25	0	20.36	20.57	20.19	21.00	3
		25	12	20.46	20.45	20.21	21.00	3
		25	25	20.48	20.50	20.26	21.00	3
		50	0	20.40	20.60	20.29	21.00	3
10	256-QAM	1	0	20.47	20.42	20.22	21.00	3
		1	25	20.41	20.48	20.28	21.00	3
		1	49	20.42	20.66	20.27	21.00	3
		25	0	19.35	19.52	19.15	20.00	4
		25	12	19.45	19.54	19.21	20.00	4
		25	25	19.34	19.51	19.18	20.00	4
		50	0	19.47	19.57	19.25	20.00	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

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	23.36	23.54	23.23	24.00	0
		1	12	23.38	23.46	23.21	24.00	0
		1	24	23.37	23.53	23.38	24.00	0
		12	0	22.34	22.63	22.32	23.00	1
		12	6	22.44	22.53	22.33	23.00	1
		12	13	22.44	22.50	22.27	23.00	1
		25	0	22.43	22.42	22.38	23.00	1
5	16-QAM	1	0	22.40	22.53	22.25	23.00	1
		1	12	22.40	22.46	22.22	23.00	1
		1	24	22.53	22.47	22.25	23.00	1
		12	0	21.27	21.51	21.28	22.00	2
		12	6	21.45	21.44	21.25	22.00	2
		12	13	21.36	21.47	21.24	22.00	2
		25	0	21.37	21.49	21.16	22.00	2
5	64-QAM	1	0	21.33	21.44	21.16	22.00	2
		1	12	21.40	21.64	21.23	22.00	2
		1	24	21.33	21.48	21.18	22.00	2
		12	0	20.50	20.47	20.11	21.00	3
		12	6	20.46	20.58	20.14	21.00	3
		12	13	20.38	20.51	20.28	21.00	3
		25	0	20.47	20.41	20.26	21.00	3
5	256-QAM	1	0	20.48	20.41	20.28	21.00	3
		1	12	20.46	20.56	20.38	21.00	3
		1	24	20.45	20.53	20.29	21.00	3
		12	0	19.36	19.54	19.26	20.00	4
		12	6	19.40	19.61	19.23	20.00	4
		12	13	19.39	19.54	19.20	20.00	4
		25	0	19.33	19.61	19.32	20.00	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

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	23.35	23.58	23.29	24.00	0
		1	7	23.41	23.50	23.30	24.00	0
		1	14	23.39	23.52	23.17	24.00	0
		8	0	22.40	22.54	22.29	23.00	1
		8	4	22.47	22.58	22.28	23.00	1
		8	7	22.36	22.47	22.25	23.00	1
		15	0	22.47	22.54	22.36	23.00	1
3	16-QAM	1	0	22.28	22.61	22.32	23.00	1
		1	7	22.45	22.47	22.27	23.00	1
		1	14	22.48	22.62	22.34	23.00	1
		8	0	21.40	21.55	21.33	22.00	2
		8	4	21.38	21.59	21.32	22.00	2
		8	7	21.33	21.49	21.26	22.00	2
		15	0	21.41	21.66	21.17	22.00	2
3	64-QAM	1	0	21.41	21.55	21.26	22.00	2
		1	7	21.46	21.63	21.26	22.00	2
		1	14	21.37	21.47	21.19	22.00	2
		8	0	20.36	20.56	20.28	21.00	3
		8	4	20.42	20.53	20.28	21.00	3
		8	7	20.38	20.44	20.26	21.00	3
		15	0	20.40	20.52	20.31	21.00	3
3	256-QAM	1	0	20.43	20.45	20.28	21.00	3
		1	7	20.33	20.55	20.24	21.00	3
		1	14	20.38	20.54	20.25	21.00	3
		8	0	19.46	19.60	19.26	20.00	4
		8	4	19.37	19.51	19.14	20.00	4
		8	7	19.40	19.61	19.23	20.00	4
		15	0	19.35	19.52	19.25	20.00	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

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	23.22	23.37	23.20	24.00	0
		1	2	23.20	23.46	23.02	24.00	0
		1	5	23.17	23.40	23.11	24.00	0
		3	0	23.32	23.38	23.12	24.00	0
		3	2	23.27	23.49	23.17	24.00	0
		3	3	23.24	23.48	23.13	24.00	0
		6	0	22.18	22.33	22.09	23.00	1
1.4	16-QAM	1	0	22.23	22.39	22.07	23.00	1
		1	2	22.11	22.42	22.16	23.00	1
		1	5	22.14	22.42	22.05	23.00	1
		3	0	22.08	22.48	22.17	23.00	1
		3	2	22.10	22.49	22.15	23.00	1
		3	3	22.26	22.46	22.12	23.00	1
		6	0	21.09	21.32	21.06	22.00	2
1.4	64-QAM	1	0	21.15	21.42	21.15	22.00	2
		1	2	21.18	21.43	21.10	22.00	2
		1	5	21.15	21.39	21.12	22.00	2
		3	0	21.19	21.49	21.08	22.00	2
		3	2	21.12	21.46	21.17	22.00	2
		3	3	21.12	21.37	21.16	22.00	2
		6	0	20.20	20.41	20.21	21.00	3
1.4	256-QAM	1	0	20.15	20.38	20.10	21.00	3
		1	2	20.22	20.42	20.10	21.00	3
		1	5	20.19	20.36	20.04	21.00	3
		3	0	20.18	20.45	20.18	21.00	3
		3	2	20.21	20.39	20.14	21.00	3
		3	3	20.23	20.39	20.16	21.00	3
		6	0	19.13	19.41	19.16	20.00	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

5.3 TDD LTE

MAIN

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	23.25	23.12	23.22	24.00	0
		1	50	23.11	23.06	23.00	24.00	0
		1	99	23.10	23.00	23.14	24.00	0
		50	0	22.07	21.87	22.07	23.00	1
		50	25	22.05	21.91	21.96	23.00	1
		50	50	22.22	21.92	22.07	23.00	1
		100	0	22.07	21.91	22.09	23.00	1
20	16-QAM	1	0	22.14	21.96	22.05	23.00	1
		1	50	22.13	21.88	22.09	23.00	1
		1	99	22.20	21.93	22.12	23.00	1
		50	0	21.09	20.98	21.00	22.00	2
		50	25	21.10	21.01	21.07	22.00	2
		50	50	21.13	20.99	21.01	22.00	2
		100	0	21.18	20.95	21.02	22.00	2
20	64-QAM	1	0	21.09	20.96	20.99	22.00	2
		1	50	21.14	20.95	21.12	22.00	2
		1	99	21.13	20.86	21.11	22.00	2
		50	0	20.14	20.00	20.01	21.00	3
		50	25	20.14	20.01	20.11	21.00	3
		50	50	20.12	20.07	20.04	21.00	3
		100	0	20.04	20.03	20.06	21.00	3
20	256-QAM	1	0	20.02	20.03	20.08	21.00	3
		1	50	20.15	20.02	20.01	21.00	3
		1	99	19.95	19.96	20.11	21.00	3
		50	0	19.18	18.97	19.04	20.00	4
		50	25	19.08	18.88	19.04	20.00	4
		50	50	19.22	19.08	19.01	20.00	4
		100	0	19.11	18.93	19.16	20.00	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

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	23.09	22.86	22.97	24.00	0
		1	36	23.13	22.95	23.04	24.00	0
		1	74	23.08	22.87	23.00	24.00	0
		36	0	22.04	21.90	22.09	23.00	1
		36	18	22.11	21.98	21.94	23.00	1
		36	37	22.10	21.98	22.08	23.00	1
		75	0	22.05	21.89	22.07	23.00	1
15	16-QAM	1	0	22.14	21.90	22.07	23.00	1
		1	36	22.06	22.02	22.06	23.00	1
		1	74	22.14	21.94	22.03	23.00	1
		36	0	21.17	20.88	21.01	22.00	2
		36	18	21.10	20.96	21.09	22.00	2
		36	37	20.95	21.08	20.97	22.00	2
		75	0	20.97	21.00	21.05	22.00	2
15	64-QAM	1	0	21.08	21.02	21.13	22.00	2
		1	36	20.98	20.91	21.08	22.00	2
		1	74	21.16	20.95	21.05	22.00	2
		36	0	20.17	19.97	20.04	21.00	3
		36	18	20.00	19.97	19.96	21.00	3
		36	37	20.10	19.92	20.07	21.00	3
		75	0	20.05	20.01	20.01	21.00	3
15	256-QAM	1	0	20.15	19.87	20.01	21.00	3
		1	36	20.17	19.90	19.93	21.00	3
		1	74	20.08	20.00	20.05	21.00	3
		36	0	19.02	18.93	19.07	20.00	4
		36	18	19.09	19.08	19.06	20.00	4
		36	37	19.00	19.03	19.00	20.00	4
		75	0	19.09	19.01	19.07	20.00	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.

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	23.06	23.04	23.15	24.00	0
		1	25	23.16	22.88	23.08	24.00	0
		1	49	23.20	22.85	23.05	24.00	0
		25	0	22.07	22.03	22.03	23.00	1
		25	12	22.04	22.05	22.05	23.00	1
		25	25	22.08	22.01	22.11	23.00	1
		50	0	22.04	21.95	22.09	23.00	1
10	16-QAM	1	0	22.04	21.97	22.03	23.00	1
		1	25	22.13	22.01	22.07	23.00	1
		1	49	22.08	21.94	21.97	23.00	1
		25	0	21.15	20.98	21.16	22.00	2
		25	12	21.03	20.96	20.98	22.00	2
		25	25	21.22	20.94	21.18	22.00	2
		50	0	21.12	20.99	20.96	22.00	2
10	64-QAM	1	0	21.02	20.96	20.95	22.00	2
		1	25	21.15	20.87	21.02	22.00	2
		1	49	21.13	21.04	21.07	22.00	2
		25	0	20.06	20.09	20.06	21.00	3
		25	12	20.11	19.99	20.02	21.00	3
		25	25	20.02	20.04	19.95	21.00	3
		50	0	20.06	19.91	20.01	21.00	3
10	256-QAM	1	0	20.14	19.86	20.07	21.00	3
		1	25	20.04	19.99	20.06	21.00	3
		1	49	20.07	19.90	20.02	21.00	3
		25	0	19.16	18.97	19.00	20.00	4
		25	12	19.05	18.91	19.19	20.00	4
		25	25	19.20	19.03	19.12	20.00	4
		50	0	19.20	19.06	19.10	20.00	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.

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	23.06	22.97	23.17	24.00	0
		1	12	23.01	22.96	22.96	24.00	0
		1	24	23.12	23.08	23.05	24.00	0
		12	0	22.14	22.04	22.12	23.00	1
		12	6	22.10	21.96	22.04	23.00	1
		12	13	22.23	21.97	22.18	23.00	1
		25	0	22.10	21.95	22.04	23.00	1
5	16-QAM	1	0	22.10	21.92	21.97	23.00	1
		1	12	22.05	22.03	22.07	23.00	1
		1	24	22.18	21.95	21.99	23.00	1
		12	0	21.13	21.03	21.07	22.00	2
		12	6	21.07	21.01	21.04	22.00	2
		12	13	21.02	21.00	21.07	22.00	2
		25	0	21.07	21.02	21.06	22.00	2
5	64-QAM	1	0	21.05	20.96	21.08	22.00	2
		1	12	21.15	21.04	21.09	22.00	2
		1	24	21.08	20.97	20.95	22.00	2
		12	0	20.15	20.03	20.01	21.00	3
		12	6	20.13	20.01	19.96	21.00	3
		12	13	20.06	19.96	20.06	21.00	3
		25	0	20.20	19.98	20.03	21.00	3
5	256-QAM	1	0	20.06	20.00	20.13	21.00	3
		1	12	20.01	19.83	20.10	21.00	3
		1	24	20.02	20.02	20.15	21.00	3
		12	0	19.13	18.90	19.03	20.00	4
		12	6	19.10	18.87	18.95	20.00	4
		12	13	19.13	19.00	19.05	20.00	4
		25	0	19.09	18.97	18.92	20.00	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

LTE Band 41_PC3										
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	23.54	23.57	23.67	23.40	23.58	24.00	0
		1	50	23.44	23.29	23.58	23.25	23.42	24.00	0
		1	99	23.28	23.44	23.49	23.23	23.36	24.00	0
		50	0	22.30	22.40	22.50	22.19	22.36	23.00	1
		50	25	22.32	22.48	22.47	22.19	22.44	23.00	1
		50	50	22.35	22.36	22.48	22.36	22.40	23.00	1
		100	0	22.40	22.38	22.47	22.25	22.52	23.00	1
20	16-QAM	1	0	22.31	22.38	22.56	22.17	22.28	23.00	1
		1	50	22.33	22.38	22.48	22.25	22.49	23.00	1
		1	99	22.38	22.41	22.51	22.25	22.46	23.00	1
		50	0	21.37	21.46	21.40	21.13	21.39	22.00	2
		50	25	21.34	21.45	21.50	21.31	21.42	22.00	2
		50	50	21.47	21.46	21.45	21.23	21.35	22.00	2
		100	0	21.33	21.42	21.59	21.17	21.41	22.00	2
20	64-QAM	1	0	21.40	21.39	21.43	21.18	21.46	22.00	2
		1	50	21.33	21.50	21.51	21.17	21.44	22.00	2
		1	99	21.35	21.39	21.42	21.30	21.35	22.00	2
		50	0	20.29	20.42	20.44	20.11	20.40	21.00	3
		50	25	20.38	20.35	20.63	20.21	20.44	21.00	3
		50	50	20.43	20.41	20.50	20.28	20.48	21.00	3
		100	0	20.47	20.45	20.51	20.11	20.39	21.00	3
20	256-QAM	1	0	20.40	20.51	20.64	20.30	20.33	21.00	3
		1	50	20.31	20.35	20.54	20.35	20.41	21.00	3
		1	99	20.39	20.38	20.55	20.15	20.40	21.00	3
		50	0	19.41	19.47	19.52	19.24	19.54	20.00	4
		50	25	19.32	19.33	19.52	19.31	19.40	20.00	4
		50	50	19.35	19.31	19.47	19.37	19.51	20.00	4
		100	0	19.37	19.43	19.55	19.20	19.47	20.00	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

LTE Band 41_PC3										
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	23.31	23.52	23.53	23.19	23.30	24.00	0
		1	36	23.47	23.48	23.57	23.14	23.53	24.00	0
		1	74	23.32	23.47	23.45	23.15	23.46	24.00	0
		36	0	22.37	22.38	22.50	22.20	22.49	23.00	1
		36	18	22.48	22.45	22.51	22.19	22.41	23.00	1
		36	37	22.41	22.37	22.47	22.34	22.45	23.00	1
		75	0	22.24	22.53	22.58	22.18	22.45	23.00	1
15	16-QAM	1	0	22.46	22.48	22.55	22.25	22.47	23.00	1
		1	36	22.48	22.43	22.61	22.24	22.46	23.00	1
		1	74	22.39	22.36	22.62	22.23	22.47	23.00	1
		36	0	21.51	21.42	21.62	21.21	21.36	22.00	2
		36	18	21.41	21.38	21.51	21.21	21.45	22.00	2
		36	37	21.26	21.46	21.53	21.31	21.39	22.00	2
		75	0	21.39	21.48	21.50	21.24	21.40	22.00	2
15	64-QAM	1	0	21.46	21.49	21.46	21.34	21.41	22.00	2
		1	36	21.30	21.39	21.50	21.20	21.39	22.00	2
		1	74	21.25	21.48	21.51	21.24	21.34	22.00	2
		36	0	20.30	20.43	20.51	20.32	20.34	21.00	3
		36	18	20.39	20.36	20.42	20.35	20.38	21.00	3
		36	37	20.46	20.43	20.49	20.24	20.39	21.00	3
		75	0	20.38	20.45	20.51	20.29	20.42	21.00	3
15	256-QAM	1	0	20.30	20.43	20.48	20.31	20.54	21.00	3
		1	36	20.40	20.38	20.50	20.25	20.42	21.00	3
		1	74	20.39	20.55	20.50	20.31	20.47	21.00	3
		36	0	19.41	19.38	19.41	19.13	19.37	20.00	4
		36	18	19.42	19.37	19.44	19.26	19.49	20.00	4
		36	37	19.42	19.47	19.56	19.25	19.40	20.00	4
		75	0	19.40	19.46	19.45	19.20	19.41	20.00	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

LTE Band 41_PC3										
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	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				39700	40160	40620	41080	41540		
10	QPSK	1	0	23.38	23.39	23.47	23.26	23.47	24.00	0
		1	25	23.31	23.31	23.58	23.20	23.42	24.00	0
		1	49	23.38	23.29	23.49	23.29	23.38	24.00	0
		25	0	22.46	22.34	22.50	22.16	22.33	23.00	1
		25	12	22.39	22.30	22.54	22.25	22.38	23.00	1
		25	25	22.42	22.50	22.46	22.21	22.41	23.00	1
10	16-QAM	50	0	22.42	22.46	22.50	22.32	22.38	23.00	1
		1	0	22.38	22.35	22.60	22.24	22.33	23.00	1
		1	25	22.25	22.30	22.46	22.16	22.31	23.00	1
		1	49	22.36	22.40	22.57	22.21	22.39	23.00	1
		25	0	21.38	21.44	21.50	21.26	21.39	22.00	2
		25	12	21.41	21.50	21.52	21.31	21.39	22.00	2
10	64-QAM	25	25	21.40	21.49	21.44	21.26	21.41	22.00	2
		50	0	21.49	21.37	21.50	21.15	21.46	22.00	2
		1	0	21.49	21.40	21.45	21.33	21.44	22.00	2
		1	25	21.38	21.37	21.41	21.18	21.51	22.00	2
		1	49	21.43	21.45	21.53	21.19	21.38	22.00	2
		25	0	20.34	20.45	20.51	20.24	20.42	21.00	3
10	256-QAM	25	12	20.45	20.52	20.45	20.29	20.38	21.00	3
		25	25	20.44	20.36	20.52	20.14	20.43	21.00	3
		50	0	20.40	20.55	20.58	20.24	20.37	21.00	3
		1	0	20.35	20.36	20.56	20.22	20.46	21.00	3
		1	25	20.48	20.36	20.53	20.14	20.36	21.00	3
		1	49	20.31	20.41	20.47	20.35	20.52	21.00	3
10		25	0	19.49	19.47	19.45	19.35	19.35	20.00	4
		25	12	19.29	19.33	19.59	19.36	19.46	20.00	4
		25	25	19.40	19.50	19.43	19.27	19.46	20.00	4
		50	0	19.37	19.39	19.44	19.13	19.45	20.00	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

LTE Band 41_PC3										
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	23.40	23.40	23.45	23.16	23.39	24.00	0
		1	12	23.28	23.47	23.59	23.22	23.44	24.00	0
		1	24	23.46	23.52	23.46	23.19	23.39	24.00	0
		12	0	22.29	22.28	22.49	22.23	22.38	23.00	1
		12	6	22.39	22.43	22.46	22.28	22.46	23.00	1
		12	13	22.37	22.49	22.58	22.18	22.37	23.00	1
		25	0	22.38	22.38	22.49	22.20	22.36	23.00	1
5	16-QAM	1	0	22.50	22.41	22.43	22.19	22.46	23.00	1
		1	12	22.36	22.29	22.44	22.12	22.44	23.00	1
		1	24	22.38	22.44	22.46	22.22	22.40	23.00	1
		12	0	21.26	21.52	21.49	21.19	21.42	22.00	2
		12	6	21.25	21.32	21.52	21.13	21.54	22.00	2
		12	13	21.46	21.29	21.55	21.23	21.48	22.00	2
		25	0	21.34	21.36	21.50	21.31	21.40	22.00	2
5	64-QAM	1	0	21.41	21.40	21.48	21.23	21.41	22.00	2
		1	12	21.40	21.45	21.40	21.28	21.42	22.00	2
		1	24	21.40	21.42	21.43	21.31	21.46	22.00	2
		12	0	20.37	20.46	20.48	20.17	20.46	21.00	3
		12	6	20.48	20.49	20.45	20.27	20.45	21.00	3
		12	13	20.28	20.35	20.51	20.31	20.38	21.00	3
		25	0	20.39	20.41	20.52	20.28	20.37	21.00	3
5	256-QAM	1	0	20.44	20.34	20.50	20.31	20.34	21.00	3
		1	12	20.48	20.32	20.64	20.38	20.45	21.00	3
		1	24	20.45	20.43	20.47	20.19	20.46	21.00	3
		12	0	19.28	19.52	19.58	19.20	19.46	20.00	4
		12	6	19.26	19.44	19.42	19.33	19.39	20.00	4
		12	13	19.42	19.43	19.47	19.16	19.45	20.00	4
		25	0	19.37	19.37	19.50	19.37	19.34	20.00	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

LTE Band 41_PC2										
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	25.83	25.94	26.02	25.82	25.90	27.00	0
		1	50	25.71	25.81	25.85	25.56	25.86	27.00	0
		1	99	25.68	25.81	25.93	25.58	25.69	27.00	0
		50	0	24.60	24.79	24.81	24.65	24.78	26.00	1
		50	25	24.64	24.71	24.78	24.61	24.72	26.00	1
		50	50	24.77	24.76	24.81	24.63	24.77	26.00	1
		100	0	24.66	24.75	24.91	24.58	24.72	26.00	1
20	16-QAM	1	0	24.72	24.72	24.77	24.67	24.69	26.00	1
		1	50	24.80	24.82	24.92	24.68	24.71	26.00	1
		1	99	24.63	24.82	24.85	24.76	24.69	26.00	1
		50	0	23.58	23.72	23.91	23.61	23.73	25.00	2
		50	25	23.75	23.74	23.78	23.69	23.74	25.00	2
		50	50	23.64	23.85	23.91	23.63	23.74	25.00	2
		100	0	23.63	23.86	23.86	23.73	23.87	25.00	2
20	64-QAM	1	0	23.63	23.78	23.84	23.70	23.68	25.00	2
		1	50	23.77	23.75	23.96	23.62	23.75	25.00	2
		1	99	23.67	23.81	23.86	23.67	23.77	25.00	2
		50	0	22.61	22.81	22.87	22.78	22.85	24.00	3
		50	25	22.59	22.85	22.84	22.65	22.72	24.00	3
		50	50	22.70	22.73	22.84	22.74	22.78	24.00	3
		100	0	22.59	22.84	22.89	22.70	22.67	24.00	3
20	256-QAM	1	0	22.68	22.72	22.98	22.72	22.74	24.00	3
		1	50	22.61	22.77	22.88	22.62	22.85	24.00	3
		1	99	22.66	22.81	22.83	22.73	22.70	24.00	3
		50	0	21.61	21.84	21.88	21.64	21.73	23.00	4
		50	25	21.66	21.86	21.90	21.62	21.64	23.00	4
		50	50	21.65	21.78	21.84	21.67	21.68	23.00	4
		100	0	21.63	21.67	21.79	21.76	21.64	23.00	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

LTE Band 41_PC2										
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	25.77	25.83	25.84	25.65	25.78	27.00	0
		1	36	25.65	25.77	25.88	25.66	25.75	27.00	0
		1	74	25.69	25.84	25.85	25.65	25.64	27.00	0
		36	0	24.58	24.78	24.89	24.54	24.73	26.00	1
		36	18	24.65	24.77	24.90	24.77	24.80	26.00	1
		36	37	24.75	24.75	24.85	24.63	24.69	26.00	1
		75	0	24.72	24.86	24.89	24.76	24.77	26.00	1
15	16-QAM	1	0	24.77	24.71	24.87	24.70	24.86	26.00	1
		1	36	24.71	24.78	24.83	24.74	24.74	26.00	1
		1	74	24.61	24.81	24.88	24.62	24.78	26.00	1
		36	0	23.75	23.68	23.96	23.69	23.82	25.00	2
		36	18	23.71	23.75	23.89	23.71	23.73	25.00	2
		36	37	23.60	23.88	23.87	23.59	23.79	25.00	2
		75	0	23.65	23.77	23.86	23.62	23.75	25.00	2
15	64-QAM	1	0	23.69	23.78	23.87	23.63	23.74	25.00	2
		1	36	23.66	23.79	23.90	23.59	23.74	25.00	2
		1	74	23.73	23.80	23.81	23.68	23.82	25.00	2
		36	0	22.59	22.75	22.83	22.66	22.73	24.00	3
		36	18	22.56	22.89	22.78	22.75	22.77	24.00	3
		36	37	22.71	22.82	22.85	22.78	22.74	24.00	3
		75	0	22.67	22.66	22.82	22.67	22.68	24.00	3
15	256-QAM	1	0	22.79	22.79	22.89	22.72	22.75	24.00	3
		1	36	22.70	22.68	22.75	22.70	22.71	24.00	3
		1	74	22.75	22.73	22.81	22.67	22.68	24.00	3
		36	0	21.61	21.65	21.79	21.59	21.76	23.00	4
		36	18	21.61	21.85	21.81	21.65	21.81	23.00	4
		36	37	21.66	21.65	21.93	21.74	21.87	23.00	4
		75	0	21.65	21.76	21.87	21.64	21.73	23.00	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

LTE Band 41_PC2										
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	25.66	25.83	25.96	25.74	25.79	27.00	0
		1	25	25.75	25.80	25.93	25.66	25.81	27.00	0
		1	49	25.66	25.79	25.89	25.70	25.67	27.00	0
		25	0	24.57	24.85	24.92	24.63	24.63	26.00	1
		25	12	24.61	24.80	24.90	24.72	24.74	26.00	1
		25	25	24.63	24.75	24.82	24.64	24.73	26.00	1
		50	0	24.72	24.82	24.91	24.59	24.84	26.00	1
10	16-QAM	1	0	24.70	24.79	24.88	24.54	24.85	26.00	1
		1	25	24.58	24.80	24.86	24.66	24.86	26.00	1
		1	49	24.75	24.71	24.86	24.56	24.78	26.00	1
		25	0	23.64	23.77	23.86	23.65	23.72	25.00	2
		25	12	23.69	23.85	23.85	23.67	23.68	25.00	2
		25	25	23.59	23.79	23.93	23.64	23.78	25.00	2
		50	0	23.61	23.80	23.91	23.56	23.74	25.00	2
10	64-QAM	1	0	23.75	23.71	23.86	23.71	23.74	25.00	2
		1	25	23.74	23.79	23.78	23.73	23.83	25.00	2
		1	49	23.60	23.68	23.87	23.61	23.68	25.00	2
		25	0	22.64	22.72	22.85	22.80	22.79	24.00	3
		25	12	22.67	22.87	22.76	22.78	22.76	24.00	3
		25	25	22.63	22.69	22.92	22.67	22.73	24.00	3
		50	0	22.69	22.77	22.89	22.55	22.74	24.00	3
10	256-QAM	1	0	22.58	22.74	22.79	22.72	22.77	24.00	3
		1	25	22.76	22.74	22.80	22.59	22.73	24.00	3
		1	49	22.77	22.79	22.87	22.61	22.61	24.00	3
		25	0	21.69	21.80	21.83	21.70	21.79	23.00	4
		25	12	21.57	21.81	21.85	21.72	21.77	23.00	4
		25	25	21.55	21.74	21.84	21.77	21.74	23.00	4
		50	0	21.66	21.82	21.81	21.67	21.75	23.00	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

LTE Band 41_PC2										
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	25.67	25.70	25.88	25.70	25.73	27.00	0
		1	12	25.62	25.81	25.89	25.62	25.75	27.00	0
		1	24	25.68	25.81	25.89	25.78	25.70	27.00	0
		12	0	24.57	24.71	24.78	24.58	24.79	26.00	1
		12	6	24.68	24.83	24.94	24.63	24.70	26.00	1
		12	13	24.60	24.91	24.87	24.76	24.77	26.00	1
		25	0	24.75	24.73	24.91	24.60	24.77	26.00	1
5	16-QAM	1	0	24.78	24.74	24.89	24.63	24.81	26.00	1
		1	12	24.72	24.70	24.75	24.63	24.68	26.00	1
		1	24	24.67	24.72	24.76	24.56	24.69	26.00	1
		12	0	23.58	23.65	23.89	23.67	23.60	25.00	2
		12	6	23.72	23.86	23.95	23.67	23.83	25.00	2
		12	13	23.80	23.83	23.80	23.77	23.72	25.00	2
		25	0	23.66	23.85	23.75	23.78	23.74	25.00	2
5	64-QAM	1	0	23.77	23.76	23.75	23.68	23.79	25.00	2
		1	12	23.68	23.67	23.76	23.66	23.85	25.00	2
		1	24	23.57	23.79	23.93	23.69	23.82	25.00	2
		12	0	22.57	22.83	22.89	22.75	22.81	24.00	3
		12	6	22.68	22.73	22.94	22.74	22.72	24.00	3
		12	13	22.70	22.71	22.89	22.66	22.70	24.00	3
		25	0	22.64	22.91	22.78	22.72	22.82	24.00	3
5	256-QAM	1	0	22.66	22.86	22.82	22.69	22.70	24.00	3
		1	12	22.65	22.76	22.88	22.58	22.84	24.00	3
		1	24	22.66	22.79	22.93	22.69	22.68	24.00	3
		12	0	21.67	21.73	21.87	21.75	21.71	23.00	4
		12	6	21.60	21.81	21.92	21.67	21.65	23.00	4
		12	13	21.54	21.86	21.85	21.58	21.83	23.00	4
		25	0	21.64	21.78	21.93	21.60	21.65	23.00	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

LTE Band 42_Part1								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460	3500	3540		
Channel				42190	42590	42990		
20	QPSK	1	0	23.90	23.88	23.92	24.00	0
		1	50	23.84	23.70	23.82	24.00	0
		1	99	23.76	23.74	23.80	24.00	0
		50	0	22.64	22.69	22.85	23.00	1
		50	25	22.68	22.76	22.68	23.00	1
		50	50	22.68	22.83	22.78	23.00	1
		100	0	22.70	22.73	22.70	23.00	1
20	16-QAM	1	0	22.65	22.71	22.76	23.00	1
		1	50	22.74	22.68	22.86	23.00	1
		1	99	22.79	22.73	22.65	23.00	1
		50	0	21.78	21.70	21.85	22.00	2
		50	25	21.73	21.70	21.76	22.00	2
		50	50	21.69	21.78	21.78	22.00	2
		100	0	21.83	21.80	21.72	22.00	2
20	64-QAM	1	0	21.67	21.78	21.74	22.00	2
		1	50	21.64	21.78	21.76	22.00	2
		1	99	21.73	21.72	21.69	22.00	2
		50	0	20.75	20.76	20.88	21.00	3
		50	25	20.81	20.70	20.69	21.00	3
		50	50	20.74	20.60	20.70	21.00	3
		100	0	20.73	20.75	20.76	21.00	3
20	256-QAM	1	0	20.78	20.81	20.76	21.00	3
		1	50	20.72	20.74	20.75	21.00	3
		1	99	20.72	20.63	20.78	21.00	3
		50	0	19.71	19.70	19.75	20.00	4
		50	25	19.71	19.69	19.78	20.00	4
		50	50	19.77	19.69	19.71	20.00	4
		100	0	19.76	19.75	19.85	20.00	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

LTE Band 42_Part1								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3500	3542.5		
Channel				42165	42590	43015		
15	QPSK	1	0	23.76	23.68	23.86	24.00	0
		1	36	23.82	23.73	23.82	24.00	0
		1	74	23.76	23.68	23.81	24.00	0
		36	0	22.76	22.69	22.69	23.00	1
		36	18	22.75	22.71	22.81	23.00	1
		36	37	22.87	22.75	22.73	23.00	1
		75	0	22.65	22.70	22.74	23.00	1
15	16-QAM	1	0	22.82	22.65	22.71	23.00	1
		1	36	22.70	22.62	22.72	23.00	1
		1	74	22.72	22.75	22.73	23.00	1
		36	0	21.71	21.72	21.77	22.00	2
		36	18	21.68	21.80	21.84	22.00	2
		36	37	21.78	21.67	21.72	22.00	2
		75	0	21.77	21.69	21.78	22.00	2
15	64-QAM	1	0	21.78	21.78	21.69	22.00	2
		1	36	21.76	21.74	21.70	22.00	2
		1	74	21.77	21.69	21.72	22.00	2
		36	0	20.70	20.83	20.80	21.00	3
		36	18	20.71	20.70	20.75	21.00	3
		36	37	20.66	20.65	20.83	21.00	3
		75	0	20.72	20.74	20.83	21.00	3
15	256-QAM	1	0	20.67	20.75	20.79	21.00	3
		1	36	20.68	20.72	20.81	21.00	3
		1	74	20.66	20.62	20.78	21.00	3
		36	0	19.62	19.67	19.75	20.00	4
		36	18	19.68	19.66	19.76	20.00	4
		36	37	19.82	19.72	19.76	20.00	4
		75	0	19.88	19.67	19.84	20.00	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

LTE Band 42_Part1								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455	3500	3545		
Channel				42140	42590	43040		
10	QPSK	1	0	23.86	23.67	23.68	24.00	0
		1	25	23.75	23.78	23.64	24.00	0
		1	49	23.66	23.72	23.81	24.00	0
		25	0	22.68	22.74	22.69	23.00	1
		25	12	22.72	22.67	22.73	23.00	1
		25	25	22.69	22.67	22.74	23.00	1
		50	0	22.72	22.70	22.76	23.00	1
10	16-QAM	1	0	22.80	22.73	22.72	23.00	1
		1	25	22.81	22.68	22.73	23.00	1
		1	49	22.75	22.67	22.71	23.00	1
		25	0	21.73	21.67	21.68	22.00	2
		25	12	21.72	21.71	21.79	22.00	2
		25	25	21.68	21.74	21.82	22.00	2
		50	0	21.82	21.69	21.76	22.00	2
10	64-QAM	1	0	21.68	21.67	21.72	22.00	2
		1	25	21.83	21.65	21.76	22.00	2
		1	49	21.83	21.77	21.74	22.00	2
		25	0	20.73	20.69	20.73	21.00	3
		25	12	20.80	20.63	20.85	21.00	3
		25	25	20.70	20.65	20.77	21.00	3
		50	0	20.74	20.68	20.75	21.00	3
10	256-QAM	1	0	20.76	20.76	20.69	21.00	3
		1	25	20.68	20.78	20.74	21.00	3
		1	49	20.71	20.65	20.76	21.00	3
		25	0	19.66	19.71	19.87	20.00	4
		25	12	19.79	19.82	19.86	20.00	4
		25	25	19.66	19.69	19.88	20.00	4
		50	0	19.75	19.67	19.74	20.00	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

LTE Band 42_Part1								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3452.5	3500	3547.5		
Channel				42115	42590	43065		
5	QPSK	1	0	23.73	23.58	23.70	24.00	0
		1	12	23.65	23.64	23.69	24.00	0
		1	24	23.78	23.65	23.68	24.00	0
		12	0	22.70	22.76	22.73	23.00	1
		12	6	22.72	22.77	22.86	23.00	1
		12	13	22.71	22.64	22.72	23.00	1
		25	0	22.62	22.77	22.74	23.00	1
5	16-QAM	1	0	22.73	22.71	22.65	23.00	1
		1	12	22.78	22.63	22.85	23.00	1
		1	24	22.73	22.74	22.81	23.00	1
		12	0	21.73	21.72	21.69	22.00	2
		12	6	21.83	21.61	21.71	22.00	2
		12	13	21.70	21.73	21.79	22.00	2
		25	0	21.70	21.72	21.85	22.00	2
5	64-QAM	1	0	21.66	21.68	21.77	22.00	2
		1	12	21.73	21.73	21.82	22.00	2
		1	24	21.69	21.64	21.73	22.00	2
		12	0	20.87	20.64	20.71	21.00	3
		12	6	20.71	20.72	20.79	21.00	3
		12	13	20.70	20.78	20.84	21.00	3
		25	0	20.74	20.65	20.74	21.00	3
5	256-QAM	1	0	20.72	20.75	20.81	21.00	3
		1	12	20.74	20.78	20.79	21.00	3
		1	24	20.79	20.72	20.77	21.00	3
		12	0	19.72	19.74	19.68	20.00	4
		12	6	19.69	19.68	19.85	20.00	4
		12	13	19.71	19.66	19.78	20.00	4
		25	0	19.81	19.70	19.72	20.00	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

LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3560	3575	3590		
Channel				43190	43340	43490		
20	QPSK	1	0	21.87	21.92	21.90	22.00	0
		1	50	21.74	21.76	21.71	22.00	0
		1	99	21.81	21.67	21.68	22.00	0
		50	0	20.70	20.62	20.78	21.00	1
		50	25	20.68	20.75	20.87	21.00	1
		50	50	20.61	20.86	20.84	21.00	1
		100	0	20.67	20.83	20.76	21.00	1
20	16-QAM	1	0	20.69	20.84	20.66	21.00	1
		1	50	20.78	20.88	20.78	21.00	1
		1	99	20.69	20.80	20.69	21.00	1
		50	0	19.78	19.89	19.72	20.00	2
		50	25	19.67	19.68	19.69	20.00	2
		50	50	19.63	19.65	19.70	20.00	2
		100	0	19.61	19.76	19.76	20.00	2
20	64-QAM	1	0	19.60	19.87	19.67	20.00	2
		1	50	19.61	19.79	19.71	20.00	2
		1	99	19.82	19.83	19.76	20.00	2
		50	0	18.82	18.73	18.75	19.00	3
		50	25	18.59	18.85	18.70	19.00	3
		50	50	18.74	18.81	18.75	19.00	3
		100	0	18.62	18.79	18.84	19.00	3
20	256-QAM	1	0	18.68	18.66	18.83	19.00	3
		1	50	18.77	18.89	18.82	19.00	3
		1	99	18.66	18.78	18.78	19.00	3
		50	0	17.70	17.63	17.76	18.00	4
		50	25	17.61	17.78	17.81	18.00	4
		50	50	17.74	17.70	17.82	18.00	4
		100	0	17.73	17.75	17.80	18.00	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

LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3557.5	3575	3592.5		
Channel				43165	43340	43515		
15	QPSK	1	0	21.71	21.85	21.67	22.00	0
		1	36	21.65	21.83	21.72	22.00	0
		1	74	21.65	21.87	21.76	22.00	0
		36	0	20.75	20.82	20.80	21.00	1
		36	18	20.71	20.72	20.82	21.00	1
		36	37	20.69	20.74	20.70	21.00	1
		75	0	20.59	20.78	20.77	21.00	1
15	16-QAM	1	0	20.81	20.72	20.84	21.00	1
		1	36	20.71	20.76	20.78	21.00	1
		1	74	20.66	20.83	20.78	21.00	1
		36	0	19.62	19.67	19.76	20.00	2
		36	18	19.78	19.76	19.69	20.00	2
		36	37	19.69	19.78	19.68	20.00	2
		75	0	19.68	19.68	19.69	20.00	2
15	64-QAM	1	0	19.68	19.66	19.76	20.00	2
		1	36	19.67	19.83	19.80	20.00	2
		1	74	19.63	19.68	19.77	20.00	2
		36	0	18.63	18.81	18.71	19.00	3
		36	18	18.72	18.83	18.69	19.00	3
		36	37	18.73	18.82	18.79	19.00	3
		75	0	18.73	18.87	18.65	19.00	3
15	256-QAM	1	0	18.79	18.85	18.85	19.00	3
		1	36	18.63	18.82	18.68	19.00	3
		1	74	18.65	18.79	18.78	19.00	3
		36	0	17.68	17.63	17.67	18.00	4
		36	18	17.72	17.80	17.79	18.00	4
		36	37	17.62	17.72	17.78	18.00	4
		75	0	17.76	17.78	17.73	18.00	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

LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3555	3575	3595		
Channel				43140	43340	43540		
10	QPSK	1	0	21.70	21.73	21.65	22.00	0
		1	25	21.67	21.75	21.65	22.00	0
		1	49	21.81	21.71	21.77	22.00	0
		25	0	20.64	20.76	20.82	21.00	1
		25	12	20.70	20.74	20.71	21.00	1
		25	25	20.76	20.73	20.68	21.00	1
		50	0	20.76	20.77	20.76	21.00	1
10	16-QAM	1	0	20.81	20.67	20.75	21.00	1
		1	25	20.78	20.76	20.63	21.00	1
		1	49	20.69	20.74	20.79	21.00	1
		25	0	19.75	19.80	19.76	20.00	2
		25	12	19.66	19.67	19.71	20.00	2
		25	25	19.65	19.78	19.76	20.00	2
		50	0	19.75	19.77	19.74	20.00	2
10	64-QAM	1	0	19.61	19.70	19.70	20.00	2
		1	25	19.66	19.75	19.77	20.00	2
		1	49	19.61	19.71	19.69	20.00	2
		25	0	18.74	18.74	18.76	19.00	3
		25	12	18.60	18.81	18.73	19.00	3
		25	25	18.64	18.69	18.83	19.00	3
		50	0	18.61	18.66	18.70	19.00	3
10	256-QAM	1	0	18.82	18.78	18.73	19.00	3
		1	25	18.72	18.76	18.70	19.00	3
		1	49	18.79	18.90	18.74	19.00	3
		25	0	17.76	17.71	17.65	18.00	4
		25	12	17.73	17.68	17.70	18.00	4
		25	25	17.73	17.90	17.70	18.00	4
		50	0	17.76	17.76	17.73	18.00	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.

LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3552.5	3575	3597.5		
Channel				43115	43340	43565		
5	QPSK	1	0	21.78	21.68	21.76	22.00	0
		1	12	21.72	21.71	21.62	22.00	0
		1	24	21.80	21.69	21.79	22.00	0
		12	0	20.79	20.81	20.68	21.00	1
		12	6	20.77	20.74	20.68	21.00	1
		12	13	20.69	20.87	20.76	21.00	1
		25	0	20.70	20.71	20.79	21.00	1
5	16-QAM	1	0	20.64	20.81	20.71	21.00	1
		1	12	20.69	20.70	20.73	21.00	1
		1	24	20.63	20.66	20.80	21.00	1
		12	0	19.82	19.80	19.66	20.00	2
		12	6	19.62	19.77	19.83	20.00	2
		12	13	19.70	19.77	19.68	20.00	2
		25	0	19.62	19.73	19.74	20.00	2
5	64-QAM	1	0	19.70	19.73	19.81	20.00	2
		1	12	19.79	19.73	19.63	20.00	2
		1	24	19.63	19.79	19.80	20.00	2
		12	0	18.66	18.86	18.72	19.00	3
		12	6	18.64	18.69	18.75	19.00	3
		12	13	18.67	18.83	18.80	19.00	3
		25	0	18.68	18.85	18.63	19.00	3
5	256-QAM	1	0	18.70	18.81	18.61	19.00	3
		1	12	18.61	18.80	18.74	19.00	3
		1	24	18.62	18.82	18.78	19.00	3
		12	0	17.70	17.74	17.70	18.00	4
		12	6	17.74	17.84	17.70	18.00	4
		12	13	17.66	17.86	17.70	18.00	4
		25	0	17.75	17.83	17.70	18.00	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

LTE Band 43								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3610	3650	3690		
Channel				43690	44090	44490		
20	QPSK	1	0	21.84	21.87	21.84	22.00	0
		1	50	21.77	21.74	21.65	22.00	0
		1	99	21.76	21.68	21.76	22.00	0
		50	0	20.81	20.76	20.61	21.00	1
		50	25	20.73	20.74	20.63	21.00	1
		50	50	20.69	20.78	20.77	21.00	1
		100	0	20.68	20.77	20.72	21.00	1
20	16-QAM	1	0	20.75	20.90	20.76	21.00	1
		1	50	20.64	20.68	20.67	21.00	1
		1	99	20.62	20.80	20.71	21.00	1
		50	0	19.62	19.69	19.76	20.00	2
		50	25	19.80	19.78	19.77	20.00	2
		50	50	19.76	19.78	19.72	20.00	2
		100	0	19.63	19.67	19.71	20.00	2
20	64-QAM	1	0	19.65	19.72	19.76	20.00	2
		1	50	19.75	19.73	19.77	20.00	2
		1	99	19.61	19.75	19.76	20.00	2
		50	0	18.79	18.66	18.64	19.00	3
		50	25	18.64	18.81	18.76	19.00	3
		50	50	18.71	18.75	18.68	19.00	3
		100	0	18.65	18.71	18.64	19.00	3
20	256-QAM	1	0	18.75	18.67	18.66	19.00	3
		1	50	18.71	18.73	18.66	19.00	3
		1	99	18.60	18.68	18.75	19.00	3
		50	0	17.73	17.72	17.62	18.00	4
		50	25	17.73	17.73	17.68	18.00	4
		50	50	17.55	17.65	17.64	18.00	4
		100	0	17.70	17.72	17.63	18.00	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

LTE Band 43								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3607.5	3650	3692.5		
Channel				43665	44090	44515		
15	QPSK	1	0	21.75	21.83	21.74	22.00	0
		1	36	21.71	21.63	21.70	22.00	0
		1	74	21.82	21.81	21.68	22.00	0
		36	0	20.69	20.60	20.60	21.00	1
		36	18	20.67	20.76	20.63	21.00	1
		36	37	20.74	20.80	20.65	21.00	1
		75	0	20.80	20.70	20.65	21.00	1
15	16-QAM	1	0	20.75	20.73	20.76	21.00	1
		1	36	20.76	20.73	20.62	21.00	1
		1	74	20.78	20.74	20.72	21.00	1
		36	0	19.77	19.87	19.73	20.00	2
		36	18	19.76	19.71	19.53	20.00	2
		36	37	19.77	19.81	19.67	20.00	2
		75	0	19.68	19.81	19.63	20.00	2
15	64-QAM	1	0	19.70	19.84	19.58	20.00	2
		1	36	19.71	19.69	19.52	20.00	2
		1	74	19.71	19.76	19.76	20.00	2
		36	0	18.62	18.73	18.72	19.00	3
		36	18	18.60	18.66	18.60	19.00	3
		36	37	18.69	18.75	18.74	19.00	3
		75	0	18.64	18.79	18.80	19.00	3
15	256-QAM	1	0	18.70	18.77	18.64	19.00	3
		1	36	18.74	18.75	18.69	19.00	3
		1	74	18.69	18.67	18.74	19.00	3
		36	0	17.72	17.74	17.66	18.00	4
		36	18	17.62	17.71	17.70	18.00	4
		36	37	17.63	17.73	17.64	18.00	4
		75	0	17.73	17.64	17.64	18.00	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.

LTE Band 43								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3605	3650	3695		
Channel				43640	44090	44540		
10	QPSK	1	0	21.74	21.84	21.62	22.00	0
		1	25	21.68	21.74	21.70	22.00	0
		1	49	21.64	21.81	21.68	22.00	0
		25	0	20.54	20.68	20.75	21.00	1
		25	12	20.65	20.67	20.62	21.00	1
		25	25	20.70	20.68	20.71	21.00	1
		50	0	20.68	20.83	20.61	21.00	1
10	16-QAM	1	0	20.79	20.71	20.61	21.00	1
		1	25	20.72	20.76	20.71	21.00	1
		1	49	20.68	20.82	20.78	21.00	1
		25	0	19.68	19.74	19.71	20.00	2
		25	12	19.78	19.81	19.64	20.00	2
		25	25	19.67	19.70	19.68	20.00	2
		50	0	19.64	19.79	19.53	20.00	2
10	64-QAM	1	0	19.58	19.67	19.68	20.00	2
		1	25	19.65	19.82	19.66	20.00	2
		1	49	19.62	19.68	19.73	20.00	2
		25	0	18.70	18.60	18.57	19.00	3
		25	12	18.76	18.71	18.68	19.00	3
		25	25	18.73	18.75	18.60	19.00	3
		50	0	18.64	18.69	18.65	19.00	3
10	256-QAM	1	0	18.79	18.69	18.81	19.00	3
		1	25	18.67	18.62	18.67	19.00	3
		1	49	18.74	18.68	18.69	19.00	3
		25	0	17.82	17.81	17.60	18.00	4
		25	12	17.68	17.81	17.67	18.00	4
		25	25	17.79	17.85	17.73	18.00	4
		50	0	17.67	17.65	17.68	18.00	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.

LTE Band 43								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3602.5	3650	3697.5		
Channel				43615	44090	44565		
5	QPSK	1	0	21.71	21.74	21.60	22.00	0
		1	12	21.76	21.79	21.71	22.00	0
		1	24	21.60	21.72	21.67	22.00	0
		12	0	20.85	20.61	20.68	21.00	1
		12	6	20.83	20.78	20.78	21.00	1
		12	13	20.76	20.81	20.55	21.00	1
		25	0	20.65	20.69	20.67	21.00	1
5	16-QAM	1	0	20.72	20.75	20.65	21.00	1
		1	12	20.73	20.73	20.64	21.00	1
		1	24	20.75	20.70	20.61	21.00	1
		12	0	19.85	19.77	19.65	20.00	2
		12	6	19.74	19.70	19.66	20.00	2
		12	13	19.77	19.80	19.67	20.00	2
		25	0	19.84	19.81	19.75	20.00	2
5	64-QAM	1	0	19.58	19.62	19.67	20.00	2
		1	12	19.78	19.75	19.60	20.00	2
		1	24	19.79	19.81	19.56	20.00	2
		12	0	18.74	18.78	18.70	19.00	3
		12	6	18.72	18.79	18.83	19.00	3
		12	13	18.69	18.78	18.85	19.00	3
		25	0	18.71	18.66	18.77	19.00	3
5	256-QAM	1	0	18.74	18.72	18.81	19.00	3
		1	12	18.71	18.77	18.74	19.00	3
		1	24	18.73	18.82	18.60	19.00	3
		12	0	17.70	17.71	17.64	18.00	4
		12	6	17.85	17.86	17.72	18.00	4
		12	13	17.59	17.72	17.78	18.00	4
		25	0	17.75	17.67	17.71	18.00	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.

LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3560	3609	3641	3690		
Channel				55340	55830	56150	56640		
20	QPSK	1	0	21.67	21.87	21.92	21.84	22.00	0
		1	50	21.46	21.78	21.75	21.63	22.00	0
		1	99	21.40	21.67	21.75	21.71	22.00	0
		50	0	20.55	20.68	20.81	20.74	21.00	1
		50	25	20.46	20.60	20.87	20.79	21.00	1
		50	50	20.58	20.64	20.71	20.78	21.00	1
		100	0	20.56	20.82	20.83	20.73	21.00	1
20	16-QAM	1	0	20.49	20.74	20.77	20.72	21.00	1
		1	50	20.55	20.76	20.67	20.68	21.00	1
		1	99	20.57	20.69	20.89	20.75	21.00	1
		50	0	19.47	19.72	19.74	19.79	20.00	2
		50	25	19.42	19.76	19.70	19.67	20.00	2
		50	50	19.51	19.82	19.63	19.77	20.00	2
		100	0	19.46	19.79	19.72	19.70	20.00	2
20	64-QAM	1	0	19.43	19.71	19.74	19.68	20.00	2
		1	50	19.55	19.76	19.83	19.77	20.00	2
		1	99	19.60	19.70	19.78	19.59	20.00	2
		50	0	18.51	18.61	18.75	18.67	19.00	3
		50	25	18.54	18.80	18.77	18.69	19.00	3
		50	50	18.56	18.70	18.81	18.81	19.00	3
		100	0	18.63	18.63	18.75	18.55	19.00	3
20	256-QAM	1	0	18.48	18.62	18.82	18.73	19.00	3
		1	50	18.54	18.65	18.86	18.73	19.00	3
		1	99	18.61	18.77	18.83	18.59	19.00	3
		50	0	17.63	17.66	17.82	17.73	18.00	4
		50	25	17.50	17.82	17.65	17.60	18.00	4
		50	50	17.52	17.69	17.84	17.65	18.00	4
		100	0	17.58	17.68	17.75	17.70	18.00	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

LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
Channel				55315	55820	56160	56665		
15	QPSK	1	0	21.47	21.69	21.76	21.69	22.00	0
		1	36	21.49	21.71	21.71	21.61	22.00	0
		1	74	21.60	21.76	21.68	21.77	22.00	0
		36	0	20.54	20.75	20.84	20.63	21.00	1
		36	18	20.49	20.72	20.86	20.73	21.00	1
		36	37	20.42	20.76	20.72	20.72	21.00	1
		75	0	20.61	20.80	20.73	20.66	21.00	1
15	16-QAM	1	0	20.50	20.71	20.78	20.60	21.00	1
		1	36	20.49	20.84	20.82	20.56	21.00	1
		1	74	20.50	20.61	20.81	20.68	21.00	1
		36	0	19.60	19.75	19.66	19.67	20.00	2
		36	18	19.40	19.65	19.75	19.66	20.00	2
		36	37	19.61	19.73	19.73	19.66	20.00	2
		75	0	19.54	19.71	19.84	19.67	20.00	2
15	64-QAM	1	0	19.56	19.66	19.82	19.73	20.00	2
		1	36	19.42	19.68	19.78	19.65	20.00	2
		1	74	19.42	19.82	19.65	19.82	20.00	2
		36	0	18.48	18.60	18.85	18.65	19.00	3
		36	18	18.46	18.81	18.78	18.71	19.00	3
		36	37	18.49	18.67	18.82	18.67	19.00	3
		75	0	18.46	18.78	18.75	18.68	19.00	3
15	256-QAM	1	0	18.46	18.69	18.74	18.72	19.00	3
		1	36	18.39	18.74	18.68	18.74	19.00	3
		1	74	18.51	18.71	18.80	18.62	19.00	3
		36	0	17.52	17.62	17.70	17.67	18.00	4
		36	18	17.58	17.69	17.71	17.62	18.00	4
		36	37	17.57	17.80	17.79	17.70	18.00	4
		75	0	17.48	17.69	17.79	17.65	18.00	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

LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
Channel				55290	55815	56165	56690		
10	QPSK	1	0	21.49	21.69	21.86	21.71	22.00	0
		1	25	21.51	21.74	21.64	21.65	22.00	0
		1	49	21.51	21.79	21.64	21.80	22.00	0
		25	0	20.43	20.74	20.67	20.70	21.00	1
		25	12	20.59	20.71	20.78	20.69	21.00	1
		25	25	20.48	20.72	20.78	20.68	21.00	1
		50	0	20.51	20.63	20.76	20.69	21.00	1
10	16-QAM	1	0	20.39	20.77	20.77	20.80	21.00	1
		1	25	20.41	20.74	20.84	20.71	21.00	1
		1	49	20.61	20.78	20.72	20.72	21.00	1
		25	0	19.43	19.62	19.86	19.58	20.00	2
		25	12	19.56	19.83	19.77	19.72	20.00	2
		25	25	19.56	19.61	19.75	19.61	20.00	2
		50	0	19.45	19.65	19.75	19.61	20.00	2
10	64-QAM	1	0	19.42	19.72	19.79	19.69	20.00	2
		1	25	19.61	19.68	19.81	19.74	20.00	2
		1	49	19.41	19.75	19.82	19.68	20.00	2
		25	0	18.56	18.59	18.73	18.81	19.00	3
		25	12	18.54	18.66	18.80	18.63	19.00	3
		25	25	18.53	18.75	18.75	18.58	19.00	3
		50	0	18.50	18.79	18.72	18.71	19.00	3
10	256-QAM	1	0	18.54	18.68	18.70	18.80	19.00	3
		1	25	18.49	18.73	18.70	18.70	19.00	3
		1	49	18.52	18.76	18.75	18.69	19.00	3
		25	0	17.64	17.77	17.78	17.70	18.00	4
		25	12	17.54	17.63	17.89	17.68	18.00	4
		25	25	17.46	17.76	17.79	17.70	18.00	4
		50	0	17.42	17.72	17.76	17.68	18.00	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

LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
Channel				55265	55810	56170	56715		
5	QPSK	1	0	21.56	21.69	21.68	21.76	22.00	0
		1	12	21.39	21.65	21.86	21.63	22.00	0
		1	24	21.49	21.71	21.64	21.61	22.00	0
		12	0	20.58	20.77	20.84	20.64	21.00	1
		12	6	20.55	20.79	20.77	20.64	21.00	1
		12	13	20.49	20.58	20.67	20.70	21.00	1
		25	0	20.55	20.69	20.83	20.75	21.00	1
5	16-QAM	1	0	20.46	20.67	20.79	20.64	21.00	1
		1	12	20.54	20.67	20.87	20.81	21.00	1
		1	24	20.51	20.72	20.76	20.69	21.00	1
		12	0	19.42	19.74	19.69	19.73	20.00	2
		12	6	19.53	19.64	19.74	19.65	20.00	2
		12	13	19.51	19.75	19.75	19.74	20.00	2
		25	0	19.56	19.73	19.74	19.72	20.00	2
5	64-QAM	1	0	19.57	19.70	19.74	19.60	20.00	2
		1	12	19.58	19.70	19.68	19.81	20.00	2
		1	24	19.51	19.71	19.82	19.78	20.00	2
		12	0	18.52	18.61	18.75	18.69	19.00	3
		12	6	18.44	18.70	18.66	18.68	19.00	3
		12	13	18.53	18.73	18.72	18.59	19.00	3
		25	0	18.49	18.71	18.69	18.69	19.00	3
5	256-QAM	1	0	18.54	18.72	18.79	18.72	19.00	3
		1	12	18.47	18.73	18.66	18.79	19.00	3
		1	24	18.49	18.77	18.64	18.78	19.00	3
		12	0	17.45	17.63	17.77	17.60	18.00	4
		12	6	17.58	17.68	17.68	17.66	18.00	4
		12	13	17.57	17.74	17.75	17.61	18.00	4
		25	0	17.53	17.64	17.66	17.62	18.00	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

AUX 2

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	23.55	23.67	23.42	24.00	0
		1	50	23.36	23.49	23.27	24.00	0
		1	99	23.40	23.53	23.29	24.00	0
		50	0	22.35	22.53	22.32	23.00	1
		50	25	22.51	22.47	22.24	23.00	1
		50	50	22.38	22.50	22.33	23.00	1
		100	0	22.35	22.40	22.37	23.00	1
20	16-QAM	1	0	22.50	22.51	22.27	23.00	1
		1	50	22.47	22.50	22.19	23.00	1
		1	99	22.34	22.55	22.31	23.00	1
		50	0	21.43	21.54	21.23	22.00	2
		50	25	21.34	21.48	21.26	22.00	2
		50	50	21.45	21.48	21.27	22.00	2
		100	0	21.46	21.53	21.37	22.00	2
20	64-QAM	1	0	21.34	21.57	21.19	22.00	2
		1	50	21.33	21.59	21.27	22.00	2
		1	99	21.37	21.51	21.28	22.00	2
		50	0	20.43	20.46	20.29	21.00	3
		50	25	20.44	20.56	20.18	21.00	3
		50	50	20.37	20.51	20.36	21.00	3
		100	0	20.41	20.46	20.20	21.00	3
20	256-QAM	1	0	20.36	20.49	20.26	21.00	3
		1	50	20.36	20.55	20.28	21.00	3
		1	99	20.39	20.49	20.40	21.00	3
		50	0	19.44	19.58	19.39	20.00	4
		50	25	19.33	19.46	19.30	20.00	4
		50	50	19.44	19.60	19.18	20.00	4
		100	0	19.49	19.60	19.28	20.00	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

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	23.41	23.62	23.17	24.00	0
		1	36	23.45	23.60	23.37	24.00	0
		1	74	23.31	23.49	23.30	24.00	0
		36	0	22.36	22.41	22.25	23.00	1
		36	18	22.43	22.40	22.30	23.00	1
		36	37	22.44	22.53	22.27	23.00	1
		75	0	22.37	22.49	22.30	23.00	1
15	16-QAM	1	0	22.52	22.45	22.29	23.00	1
		1	36	22.34	22.44	22.16	23.00	1
		1	74	22.36	22.53	22.22	23.00	1
		36	0	21.28	21.42	21.33	22.00	2
		36	18	21.39	21.55	21.18	22.00	2
		36	37	21.39	21.41	21.19	22.00	2
		75	0	21.39	21.49	21.30	22.00	2
15	64-QAM	1	0	21.45	21.50	21.27	22.00	2
		1	36	21.38	21.54	21.32	22.00	2
		1	74	21.49	21.51	21.37	22.00	2
		36	0	20.40	20.47	20.19	21.00	3
		36	18	20.41	20.43	20.27	21.00	3
		36	37	20.34	20.54	20.31	21.00	3
		75	0	20.46	20.59	20.17	21.00	3
15	256-QAM	1	0	20.48	20.54	20.24	21.00	3
		1	36	20.31	20.55	20.18	21.00	3
		1	74	20.41	20.49	20.29	21.00	3
		36	0	19.33	19.51	19.21	20.00	4
		36	18	19.35	19.59	19.34	20.00	4
		36	37	19.37	19.47	19.18	20.00	4
		75	0	19.38	19.51	19.37	20.00	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.

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	23.29	23.54	23.16	24.00	0
		1	25	23.49	23.57	23.32	24.00	0
		1	49	23.50	23.58	23.31	24.00	0
		25	0	22.47	22.54	22.20	23.00	1
		25	12	22.45	22.48	22.26	23.00	1
		25	25	22.49	22.49	22.30	23.00	1
		50	0	22.27	22.44	22.28	23.00	1
10	16-QAM	1	0	22.39	22.54	22.25	23.00	1
		1	25	22.42	22.51	22.29	23.00	1
		1	49	22.34	22.56	22.18	23.00	1
		25	0	21.34	21.48	21.27	22.00	2
		25	12	21.42	21.53	21.34	22.00	2
		25	25	21.34	21.56	21.25	22.00	2
		50	0	21.26	21.50	21.27	22.00	2
10	64-QAM	1	0	21.36	21.49	21.21	22.00	2
		1	25	21.31	21.53	21.22	22.00	2
		1	49	21.44	21.58	21.15	22.00	2
		25	0	20.32	20.53	20.23	21.00	3
		25	12	20.26	20.59	20.34	21.00	3
		25	25	20.38	20.41	20.22	21.00	3
		50	0	20.40	20.49	20.33	21.00	3
10	256-QAM	1	0	20.41	20.51	20.13	21.00	3
		1	25	20.43	20.52	20.33	21.00	3
		1	49	20.33	20.58	20.32	21.00	3
		25	0	19.41	19.49	19.16	20.00	4
		25	12	19.34	19.59	19.24	20.00	4
		25	25	19.50	19.47	19.26	20.00	4
		50	0	19.43	19.51	19.24	20.00	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

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	23.41	23.54	23.28	24.00	0
		1	12	23.39	23.39	23.19	24.00	0
		1	24	23.34	23.57	23.29	24.00	0
		12	0	22.29	22.45	22.24	23.00	1
		12	6	22.35	22.56	22.28	23.00	1
		12	13	22.39	22.55	22.27	23.00	1
		25	0	22.31	22.46	22.26	23.00	1
5	16-QAM	1	0	22.32	22.49	22.27	23.00	1
		1	12	22.37	22.56	22.22	23.00	1
		1	24	22.40	22.51	22.26	23.00	1
		12	0	21.41	21.45	21.25	22.00	2
		12	6	21.49	21.48	21.26	22.00	2
		12	13	21.51	21.45	21.34	22.00	2
		25	0	21.29	21.47	21.24	22.00	2
5	64-QAM	1	0	21.35	21.44	21.26	22.00	2
		1	12	21.35	21.43	21.32	22.00	2
		1	24	21.35	21.44	21.27	22.00	2
		12	0	20.44	20.52	20.33	21.00	3
		12	6	20.34	20.51	20.20	21.00	3
		12	13	20.44	20.50	20.24	21.00	3
		25	0	20.36	20.54	20.17	21.00	3
5	256-QAM	1	0	20.39	20.56	20.34	21.00	3
		1	12	20.45	20.57	20.32	21.00	3
		1	24	20.37	20.49	20.16	21.00	3
		12	0	19.36	19.48	19.30	20.00	4
		12	6	19.38	19.51	19.26	20.00	4
		12	13	19.42	19.50	19.26	20.00	4
		25	0	19.45	19.60	19.22	20.00	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

LTE Band 41_PC3										
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	23.32	23.66	23.65	23.40	23.49	24.00	0
		1	50	23.19	23.54	23.48	23.25	23.23	24.00	0
		1	99	23.06	23.49	23.48	23.21	23.31	24.00	0
		50	0	22.12	22.56	22.52	22.30	22.33	23.00	1
		50	25	22.15	22.42	22.54	22.33	22.33	23.00	1
		50	50	22.10	22.52	22.51	22.22	22.34	23.00	1
		100	0	22.20	22.47	22.42	22.22	22.30	23.00	1
20	16-QAM	1	0	22.13	22.51	22.54	22.36	22.31	23.00	1
		1	50	22.08	22.63	22.55	22.17	22.37	23.00	1
		1	99	22.20	22.58	22.47	22.23	22.39	23.00	1
		50	0	21.09	21.49	21.47	21.24	21.30	22.00	2
		50	25	21.25	21.45	21.57	21.31	21.32	22.00	2
		50	50	21.03	21.48	21.47	21.22	21.40	22.00	2
		100	0	21.12	21.46	21.62	21.31	21.38	22.00	2
20	64-QAM	1	0	21.26	21.48	21.55	21.38	21.19	22.00	2
		1	50	21.12	21.49	21.55	21.23	21.45	22.00	2
		1	99	21.12	21.52	21.37	21.28	21.35	22.00	2
		50	0	20.15	20.41	20.59	20.23	20.42	21.00	3
		50	25	20.13	20.47	20.39	20.21	20.45	21.00	3
		50	50	20.18	20.47	20.57	20.30	20.34	21.00	3
		100	0	20.18	20.54	20.45	20.33	20.30	21.00	3
20	256-QAM	1	0	20.13	20.50	20.48	20.21	20.34	21.00	3
		1	50	20.09	20.40	20.51	20.28	20.34	21.00	3
		1	99	20.12	20.47	20.53	20.23	20.27	21.00	3
		50	0	19.18	19.52	19.53	19.19	19.37	20.00	4
		50	25	19.15	19.62	19.58	19.28	19.31	20.00	4
		50	50	19.06	19.58	19.50	19.18	19.34	20.00	4
		100	0	19.26	19.59	19.54	19.27	19.35	20.00	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

LTE Band 41_PC3										
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	23.15	23.49	23.44	23.34	23.30	24.00	0
		1	36	23.13	23.58	23.54	23.33	23.30	24.00	0
		1	74	23.24	23.51	23.56	23.16	23.35	24.00	0
		36	0	22.16	22.58	22.47	22.18	22.32	23.00	1
		36	18	22.19	22.49	22.51	22.19	22.31	23.00	1
		36	37	22.19	22.40	22.44	22.22	22.38	23.00	1
		75	0	22.26	22.50	22.51	22.17	22.21	23.00	1
15	16-QAM	1	0	22.27	22.50	22.52	22.26	22.43	23.00	1
		1	36	22.23	22.54	22.50	22.21	22.36	23.00	1
		1	74	22.13	22.45	22.49	22.25	22.43	23.00	1
		36	0	21.21	21.54	21.47	21.20	21.29	22.00	2
		36	18	21.23	21.47	21.50	21.29	21.31	22.00	2
		36	37	21.19	21.45	21.59	21.15	21.42	22.00	2
		75	0	21.29	21.36	21.53	21.27	21.39	22.00	2
15	64-QAM	1	0	21.08	21.53	21.55	21.23	21.44	22.00	2
		1	36	21.21	21.47	21.39	21.18	21.36	22.00	2
		1	74	21.16	21.48	21.46	21.28	21.29	22.00	2
		36	0	20.25	20.53	20.54	20.20	20.35	21.00	3
		36	18	20.27	20.46	20.48	20.27	20.27	21.00	3
		36	37	20.21	20.55	20.47	20.17	20.31	21.00	3
		75	0	20.18	20.44	20.55	20.24	20.31	21.00	3
15	256-QAM	1	0	20.17	20.56	20.48	20.29	20.27	21.00	3
		1	36	20.11	20.45	20.50	20.20	20.40	21.00	3
		1	74	20.15	20.53	20.53	20.27	20.24	21.00	3
		36	0	19.11	19.41	19.49	19.27	19.22	20.00	4
		36	18	19.17	19.54	19.62	19.21	19.25	20.00	4
		36	37	19.20	19.50	19.63	19.19	19.44	20.00	4
		75	0	19.18	19.49	19.51	19.25	19.33	20.00	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

LTE Band 41_PC3										
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	23.21	23.52	23.48	23.19	23.31	24.00	0
		1	25	23.28	23.45	23.38	23.35	23.23	24.00	0
		1	49	23.12	23.43	23.42	23.29	23.29	24.00	0
		25	0	22.23	22.49	22.39	22.29	22.30	23.00	1
		25	12	22.15	22.56	22.47	22.26	22.38	23.00	1
		25	25	22.15	22.44	22.55	22.24	22.27	23.00	1
10	16-QAM	50	0	22.24	22.47	22.43	22.16	22.41	23.00	1
		1	0	22.20	22.52	22.53	22.28	22.33	23.00	1
		1	25	22.28	22.41	22.47	22.20	22.32	23.00	1
		1	49	22.15	22.47	22.45	22.22	22.28	23.00	1
		25	0	21.13	21.53	21.35	21.27	21.35	22.00	2
		25	12	21.22	21.46	21.49	21.17	21.40	22.00	2
10	64-QAM	25	25	21.15	21.49	21.50	21.24	21.26	22.00	2
		50	0	21.23	21.48	21.50	21.27	21.27	22.00	2
		1	0	21.18	21.46	21.48	21.20	21.24	22.00	2
		1	25	21.19	21.50	21.50	21.18	21.26	22.00	2
		1	49	21.20	21.49	21.50	21.27	21.32	22.00	2
		25	0	20.13	20.54	20.56	20.27	20.38	21.00	3
10	256-QAM	25	12	20.11	20.49	20.49	20.30	20.43	21.00	3
		25	25	20.17	20.38	20.57	20.27	20.33	21.00	3
		50	0	20.16	20.55	20.52	20.34	20.34	21.00	3
		1	0	20.11	20.52	20.54	20.14	20.46	21.00	3
		1	25	20.04	20.49	20.46	20.23	20.27	21.00	3
		1	49	20.14	20.62	20.44	20.16	20.27	21.00	3
10		25	0	19.17	19.60	19.37	19.26	19.34	20.00	4
		25	12	19.14	19.53	19.45	19.34	19.30	20.00	4
		25	25	19.27	19.52	19.47	19.15	19.30	20.00	4
		50	0	19.21	19.51	19.50	19.14	19.33	20.00	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

LTE Band 41_PC3										
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	23.19	23.49	23.46	23.23	23.30	24.00	0
		1	12	23.22	23.56	23.59	23.29	23.36	24.00	0
		1	24	23.19	23.42	23.39	23.22	23.33	24.00	0
		12	0	22.10	22.57	22.45	22.24	22.26	23.00	1
		12	6	22.04	22.50	22.52	22.10	22.35	23.00	1
		12	13	22.21	22.46	22.61	22.21	22.44	23.00	1
5	16-QAM	25	0	22.14	22.46	22.52	22.14	22.43	23.00	1
		1	0	22.16	22.40	22.50	22.28	22.28	23.00	1
		1	12	22.20	22.47	22.53	22.22	22.28	23.00	1
		1	24	22.11	22.58	22.61	22.18	22.30	23.00	1
		12	0	21.18	21.59	21.50	21.21	21.38	22.00	2
		12	6	21.21	21.51	21.39	21.15	21.35	22.00	2
5	64-QAM	12	13	21.18	21.47	21.49	21.15	21.40	22.00	2
		25	0	21.18	21.46	21.52	21.30	21.34	22.00	2
		1	0	21.09	21.48	21.45	21.20	21.41	22.00	2
		1	12	21.13	21.58	21.49	21.28	21.28	22.00	2
		1	24	21.12	21.50	21.49	21.29	21.26	22.00	2
		12	0	20.08	20.40	20.51	20.26	20.28	21.00	3
5	256-QAM	12	6	20.13	20.54	20.47	20.28	20.28	21.00	3
		12	13	20.16	20.44	20.49	20.32	20.31	21.00	3
		25	0	20.06	20.59	20.47	20.23	20.28	21.00	3
		1	0	20.24	20.53	20.55	20.27	20.39	21.00	3
		1	12	20.22	20.46	20.58	20.19	20.29	21.00	3
		1	24	20.15	20.59	20.50	20.29	20.34	21.00	3
		12	0	19.13	19.62	19.45	19.21	19.27	20.00	4
		12	6	19.15	19.43	19.45	19.13	19.37	20.00	4
5	256-QAM	12	13	19.03	19.46	19.41	19.26	19.30	20.00	4
		25	0	19.12	19.49	19.51	19.25	19.36	20.00	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

LTE Band 41_PC2										
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	25.93	25.89	26.21	26.17	25.99	27.00	0
		1	50	25.84	25.71	26.01	25.99	25.83	27.00	0
		1	99	25.77	25.67	26.00	25.97	25.90	27.00	0
		50	0	24.85	24.70	25.04	25.14	24.74	26.00	1
		50	25	24.76	24.63	25.02	24.94	24.92	26.00	1
		50	50	24.82	24.66	25.03	24.99	24.80	26.00	1
		100	0	24.83	24.74	25.16	25.01	24.80	26.00	1
20	16-QAM	1	0	24.82	24.85	25.04	24.95	24.75	26.00	1
		1	50	24.90	24.78	25.00	25.03	24.70	26.00	1
		1	99	24.79	24.69	25.01	25.01	24.83	26.00	1
		50	0	23.80	23.78	23.99	23.95	23.76	25.00	2
		50	25	23.73	23.77	24.10	23.98	23.80	25.00	2
		50	50	23.83	23.72	23.96	24.02	23.83	25.00	2
		100	0	23.81	23.68	24.14	24.01	23.87	25.00	2
20	64-QAM	1	0	23.79	23.67	24.08	23.96	23.88	25.00	2
		1	50	23.79	23.70	24.18	23.98	23.85	25.00	2
		1	99	23.75	23.82	24.10	23.94	23.87	25.00	2
		50	0	22.83	22.69	23.07	23.02	22.71	24.00	3
		50	25	22.71	22.75	23.09	23.01	22.89	24.00	3
		50	50	22.68	22.63	23.00	23.01	22.83	24.00	3
		100	0	22.72	22.82	23.04	23.10	22.81	24.00	3
20	256-QAM	1	0	22.81	22.72	23.04	23.01	22.73	24.00	3
		1	50	22.72	22.82	22.95	23.07	22.73	24.00	3
		1	99	22.79	22.76	23.05	23.05	22.89	24.00	3
		50	0	21.76	21.81	22.11	21.97	21.85	23.00	4
		50	25	21.76	21.76	22.08	22.15	21.76	23.00	4
		50	50	21.67	21.68	22.13	22.07	21.87	23.00	4
		100	0	21.81	21.84	21.94	21.99	21.83	23.00	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

LTE Band 41_PC2										
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	25.78	25.73	26.00	26.02	25.90	27.00	0
		1	36	25.72	25.68	26.00	26.02	25.73	27.00	0
		1	74	25.79	25.63	26.13	26.07	25.82	27.00	0
		36	0	24.76	24.77	25.14	24.92	24.78	26.00	1
		36	18	24.84	24.77	25.12	24.96	24.79	26.00	1
		36	37	24.69	24.75	25.05	25.07	24.91	26.00	1
		75	0	24.71	24.70	25.11	24.93	24.76	26.00	1
15	16-QAM	1	0	24.75	24.75	25.03	25.07	24.83	26.00	1
		1	36	24.78	24.59	25.01	25.01	24.73	26.00	1
		1	74	24.78	24.67	24.97	25.15	24.86	26.00	1
		36	0	23.70	23.71	24.08	24.03	23.79	25.00	2
		36	18	23.75	23.61	24.11	23.92	23.97	25.00	2
		36	37	23.88	23.61	24.07	24.02	23.80	25.00	2
		75	0	23.73	23.71	24.13	23.97	23.82	25.00	2
15	64-QAM	1	0	23.79	23.81	24.02	24.11	23.83	25.00	2
		1	36	23.88	23.72	23.98	24.05	23.90	25.00	2
		1	74	23.80	23.71	24.03	24.03	23.70	25.00	2
		36	0	22.73	22.68	23.03	23.07	22.82	24.00	3
		36	18	22.82	22.76	23.05	22.90	22.88	24.00	3
		36	37	22.82	22.64	22.92	22.87	22.86	24.00	3
		75	0	22.83	22.71	23.11	23.01	22.86	24.00	3
15	256-QAM	1	0	22.78	22.73	23.07	22.97	22.86	24.00	3
		1	36	22.77	22.76	23.02	22.89	22.85	24.00	3
		1	74	22.79	22.73	23.08	22.99	22.91	24.00	3
		36	0	21.86	21.71	22.06	22.07	21.80	23.00	4
		36	18	21.80	21.64	22.02	22.02	21.82	23.00	4
		36	37	21.72	21.69	21.98	22.08	21.92	23.00	4
		75	0	21.81	21.72	22.08	22.02	21.86	23.00	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

LTE Band 41_PC2										
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	25.76	25.67	26.10	25.94	25.91	27.00	0
		1	25	25.71	25.80	26.03	26.00	25.84	27.00	0
		1	49	25.74	25.78	26.02	25.96	25.72	27.00	0
		25	0	24.73	24.73	25.17	25.10	24.88	26.00	1
		25	12	24.76	24.79	25.15	24.95	24.78	26.00	1
		25	25	24.69	24.74	24.98	25.01	24.83	26.00	1
		50	0	24.81	24.71	25.04	25.01	24.89	26.00	1
10	16-QAM	1	0	24.73	24.79	25.07	24.94	24.85	26.00	1
		1	25	24.82	24.78	24.95	25.01	24.77	26.00	1
		1	49	24.79	24.67	25.03	25.07	24.78	26.00	1
		25	0	23.79	23.77	24.08	24.02	23.76	25.00	2
		25	12	23.71	23.70	24.06	23.93	23.76	25.00	2
		25	25	23.76	23.69	24.05	23.92	23.73	25.00	2
		50	0	23.74	23.68	24.09	24.08	23.87	25.00	2
10	64-QAM	1	0	23.76	23.74	23.98	24.03	23.80	25.00	2
		1	25	23.74	23.72	24.14	23.90	23.85	25.00	2
		1	49	23.76	23.69	24.18	24.08	23.84	25.00	2
		25	0	22.86	22.74	22.95	22.97	22.87	24.00	3
		25	12	22.85	22.79	23.07	23.08	22.93	24.00	3
		25	25	22.76	22.77	22.98	23.03	22.81	24.00	3
		50	0	22.73	22.81	22.98	23.08	22.71	24.00	3
10	256-QAM	1	0	22.74	22.72	23.07	22.98	22.80	24.00	3
		1	25	22.86	22.61	23.09	23.05	22.89	24.00	3
		1	49	22.72	22.59	23.10	22.98	22.72	24.00	3
		25	0	21.73	21.73	22.02	21.98	21.83	23.00	4
		25	12	21.73	21.81	21.99	22.01	21.78	23.00	4
		25	25	21.84	21.75	22.09	22.04	21.82	23.00	4
		50	0	21.81	21.77	22.02	22.05	21.93	23.00	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

LTE Band 41_PC2										
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	25.79	25.71	25.99	25.95	25.88	27.00	0
		1	12	25.76	25.75	26.15	26.04	25.82	27.00	0
		1	24	25.83	25.80	25.93	26.00	25.78	27.00	0
		12	0	24.68	24.79	25.08	24.96	24.78	26.00	1
		12	6	24.84	24.61	25.03	24.89	24.90	26.00	1
		12	13	24.88	24.73	25.05	24.93	24.86	26.00	1
		25	0	24.77	24.72	25.11	24.89	24.83	26.00	1
5	16-QAM	1	0	24.84	24.69	25.15	25.04	24.79	26.00	1
		1	12	24.84	24.81	25.06	24.98	24.79	26.00	1
		1	24	24.80	24.65	25.09	25.01	24.83	26.00	1
		12	0	23.71	23.77	24.10	24.03	23.79	25.00	2
		12	6	23.77	23.66	24.05	24.14	23.78	25.00	2
		12	13	23.73	23.77	23.94	23.97	23.93	25.00	2
		25	0	23.88	23.70	24.03	24.02	23.79	25.00	2
5	64-QAM	1	0	23.80	23.64	24.05	24.02	23.89	25.00	2
		1	12	23.88	23.73	24.14	24.03	23.74	25.00	2
		1	24	23.71	23.70	24.17	24.04	23.77	25.00	2
		12	0	22.79	22.70	23.16	23.00	22.87	24.00	3
		12	6	22.88	22.87	23.12	22.94	22.78	24.00	3
		12	13	22.66	22.70	23.00	22.95	22.96	24.00	3
		25	0	22.66	22.69	23.02	23.04	22.80	24.00	3
5	256-QAM	1	0	22.73	22.71	23.14	22.91	22.81	24.00	3
		1	12	22.75	22.76	23.13	23.00	22.74	24.00	3
		1	24	22.72	22.71	23.10	23.00	22.73	24.00	3
		12	0	21.85	21.65	22.02	22.08	21.96	23.00	4
		12	6	21.81	21.80	22.13	21.91	21.87	23.00	4
		12	13	21.80	21.65	22.06	22.03	21.95	23.00	4
		25	0	21.77	21.69	22.10	22.02	21.89	23.00	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

LTE Band 42_Part1								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460	3500	3540		
Channel				42190	42590	42990		
20	QPSK	1	0	23.87	23.95	23.92	24.00	0
		1	50	23.63	23.79	23.73	24.00	0
		1	99	23.76	23.83	23.73	24.00	0
		50	0	22.76	22.74	22.68	23.00	1
		50	25	22.75	22.73	22.67	23.00	1
		50	50	22.68	22.72	22.69	23.00	1
		100	0	22.73	22.75	22.63	23.00	1
20	16-QAM	1	0	22.70	22.72	22.70	23.00	1
		1	50	22.74	22.82	22.87	23.00	1
		1	99	22.63	22.84	22.84	23.00	1
		50	0	21.70	21.71	21.83	22.00	2
		50	25	21.68	21.81	21.79	22.00	2
		50	50	21.82	21.73	21.83	22.00	2
		100	0	21.70	21.83	21.69	22.00	2
20	64-QAM	1	0	21.73	21.87	21.77	22.00	2
		1	50	21.75	21.88	21.77	22.00	2
		1	99	21.79	21.72	21.74	22.00	2
		50	0	20.82	20.80	20.74	21.00	3
		50	25	20.58	20.85	20.79	21.00	3
		50	50	20.76	20.86	20.73	21.00	3
		100	0	20.85	20.89	20.73	21.00	3
20	256-QAM	1	0	20.78	20.86	20.77	21.00	3
		1	50	20.64	20.76	20.73	21.00	3
		1	99	20.73	20.85	20.72	21.00	3
		50	0	19.77	19.87	19.75	20.00	4
		50	25	19.75	19.81	19.74	20.00	4
		50	50	19.65	19.87	19.71	20.00	4
		100	0	19.71	19.84	19.82	20.00	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

LTE Band 42_Part1								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3500	3542.5		
Channel				42165	42590	43015		
15	QPSK	1	0	23.72	23.84	23.82	24.00	0
		1	36	23.69	23.73	23.75	24.00	0
		1	74	23.73	23.74	23.77	24.00	0
		36	0	22.77	22.82	22.80	23.00	1
		36	18	22.67	22.73	22.76	23.00	1
		36	37	22.80	22.72	22.86	23.00	1
		75	0	22.71	22.88	22.76	23.00	1
15	16-QAM	1	0	22.78	22.84	22.77	23.00	1
		1	36	22.68	22.69	22.76	23.00	1
		1	74	22.63	22.78	22.80	23.00	1
		36	0	21.67	21.82	21.80	22.00	2
		36	18	21.68	21.85	21.82	22.00	2
		36	37	21.64	21.87	21.83	22.00	2
		75	0	21.80	21.78	21.72	22.00	2
15	64-QAM	1	0	21.69	21.73	21.71	22.00	2
		1	36	21.66	21.82	21.73	22.00	2
		1	74	21.74	21.80	21.76	22.00	2
		36	0	20.69	20.71	20.83	21.00	3
		36	18	20.68	20.74	20.79	21.00	3
		36	37	20.74	20.85	20.90	21.00	3
		75	0	20.73	20.85	20.75	21.00	3
15	256-QAM	1	0	20.73	20.76	20.82	21.00	3
		1	36	20.67	20.77	20.75	21.00	3
		1	74	20.66	20.82	20.65	21.00	3
		36	0	19.71	19.74	19.83	20.00	4
		36	18	19.76	19.79	19.70	20.00	4
		36	37	19.71	19.89	19.87	20.00	4
		75	0	19.72	19.87	19.77	20.00	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

LTE Band 42_Part1								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455	3500	3545		
Channel				42140	42590	43040		
10	QPSK	1	0	23.64	23.68	23.76	24.00	0
		1	25	23.67	23.76	23.68	24.00	0
		1	49	23.74	23.85	23.72	24.00	0
		25	0	22.60	22.79	22.75	23.00	1
		25	12	22.73	22.77	22.86	23.00	1
		25	25	22.78	22.75	22.75	23.00	1
		50	0	22.69	22.74	22.83	23.00	1
10	16-QAM	1	0	22.65	22.69	22.74	23.00	1
		1	25	22.66	22.78	22.65	23.00	1
		1	49	22.75	22.76	22.88	23.00	1
		25	0	21.67	21.71	21.75	22.00	2
		25	12	21.64	21.74	21.75	22.00	2
		25	25	21.82	21.72	21.70	22.00	2
		50	0	21.63	21.72	21.78	22.00	2
10	64-QAM	1	0	21.83	21.74	21.76	22.00	2
		1	25	21.60	21.85	21.75	22.00	2
		1	49	21.68	21.80	21.78	22.00	2
		25	0	20.67	20.79	20.68	21.00	3
		25	12	20.77	20.80	20.68	21.00	3
		25	25	20.63	20.77	20.81	21.00	3
		50	0	20.72	20.75	20.75	21.00	3
10	256-QAM	1	0	20.66	20.76	20.77	21.00	3
		1	25	20.57	20.85	20.75	21.00	3
		1	49	20.71	20.85	20.85	21.00	3
		25	0	19.71	19.81	19.74	20.00	4
		25	12	19.73	19.90	19.69	20.00	4
		25	25	19.71	19.81	19.79	20.00	4
		50	0	19.70	19.77	19.73	20.00	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

LTE Band 42_Part1								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3452.5	3500	3547.5		
Channel				42115	42590	43065		
5	QPSK	1	0	23.57	23.71	23.64	24.00	0
		1	12	23.63	23.73	23.65	24.00	0
		1	24	23.74	23.73	23.69	24.00	0
		12	0	22.61	22.89	22.76	23.00	1
		12	6	22.61	22.85	22.83	23.00	1
		12	13	22.79	22.71	22.83	23.00	1
		25	0	22.70	22.77	22.63	23.00	1
5	16-QAM	1	0	22.65	22.70	22.71	23.00	1
		1	12	22.62	22.80	22.84	23.00	1
		1	24	22.64	22.74	22.85	23.00	1
		12	0	21.61	21.77	21.70	22.00	2
		12	6	21.70	21.88	21.82	22.00	2
		12	13	21.66	21.90	21.77	22.00	2
		25	0	21.67	21.75	21.80	22.00	2
5	64-QAM	1	0	21.66	21.78	21.74	22.00	2
		1	12	21.69	21.84	21.70	22.00	2
		1	24	21.70	21.77	21.75	22.00	2
		12	0	20.73	20.87	20.75	21.00	3
		12	6	20.65	20.79	20.74	21.00	3
		12	13	20.74	20.66	20.71	21.00	3
		25	0	20.82	20.85	20.78	21.00	3
5	256-QAM	1	0	20.70	20.77	20.75	21.00	3
		1	12	20.72	20.81	20.72	21.00	3
		1	24	20.74	20.78	20.79	21.00	3
		12	0	19.80	19.71	19.85	20.00	4
		12	6	19.69	19.73	19.76	20.00	4
		12	13	19.67	19.76	19.72	20.00	4
		25	0	19.76	19.80	19.68	20.00	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

LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3560	3575	3590		
Channel				43190	43340	43490		
20	QPSK	1	0	21.94	21.89	21.85	22.00	0
		1	50	21.68	21.74	21.71	22.00	0
		1	99	21.83	21.68	21.72	22.00	0
		50	0	20.67	20.74	20.73	21.00	1
		50	25	20.84	20.71	20.71	21.00	1
		50	50	20.78	20.66	20.62	21.00	1
		100	0	20.76	20.79	20.64	21.00	1
20	16-QAM	1	0	20.82	20.71	20.69	21.00	1
		1	50	20.88	20.79	20.58	21.00	1
		1	99	20.89	20.75	20.71	21.00	1
		50	0	19.73	19.75	19.71	20.00	2
		50	25	19.77	19.66	19.73	20.00	2
		50	50	19.89	19.78	19.74	20.00	2
		100	0	19.80	19.80	19.69	20.00	2
20	64-QAM	1	0	19.70	19.71	19.80	20.00	2
		1	50	19.81	19.67	19.77	20.00	2
		1	99	19.77	19.71	19.62	20.00	2
		50	0	18.83	18.72	18.69	19.00	3
		50	25	18.91	18.70	18.75	19.00	3
		50	50	18.74	18.76	18.69	19.00	3
		100	0	18.64	18.67	18.70	19.00	3
20	256-QAM	1	0	18.69	18.72	18.72	19.00	3
		1	50	18.89	18.83	18.73	19.00	3
		1	99	18.78	18.86	18.75	19.00	3
		50	0	17.78	17.66	17.63	18.00	4
		50	25	17.66	17.71	17.68	18.00	4
		50	50	17.74	17.72	17.66	18.00	4
		100	0	17.70	17.76	17.72	18.00	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

LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3557.5	3575	3592.5		
Channel				43165	43340	43515		
15	QPSK	1	0	21.70	21.82	21.68	22.00	0
		1	36	21.87	21.71	21.75	22.00	0
		1	74	21.71	21.77	21.66	22.00	0
		36	0	20.71	20.71	20.64	21.00	1
		36	18	20.81	20.74	20.67	21.00	1
		36	37	20.72	20.69	20.79	21.00	1
		75	0	20.88	20.75	20.78	21.00	1
15	16-QAM	1	0	20.79	20.72	20.75	21.00	1
		1	36	20.71	20.81	20.72	21.00	1
		1	74	20.83	20.67	20.68	21.00	1
		36	0	19.66	19.67	19.59	20.00	2
		36	18	19.86	19.76	19.69	20.00	2
		36	37	19.67	19.70	19.75	20.00	2
		75	0	19.77	19.79	19.61	20.00	2
15	64-QAM	1	0	19.78	19.72	19.61	20.00	2
		1	36	19.82	19.71	19.67	20.00	2
		1	74	19.79	19.84	19.67	20.00	2
		36	0	18.85	18.78	18.63	19.00	3
		36	18	18.87	18.68	18.69	19.00	3
		36	37	18.75	18.71	18.71	19.00	3
		75	0	18.87	18.67	18.65	19.00	3
15	256-QAM	1	0	18.73	18.81	18.70	19.00	3
		1	36	18.83	18.72	18.72	19.00	3
		1	74	18.80	18.82	18.69	19.00	3
		36	0	17.76	17.68	17.61	18.00	4
		36	18	17.87	17.73	17.76	18.00	4
		36	37	17.88	17.78	17.60	18.00	4
		75	0	17.78	17.73	17.66	18.00	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

LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3555	3575	3595		
Channel				43140	43340	43540		
10	QPSK	1	0	21.82	21.80	21.79	22.00	0
		1	25	21.81	21.78	21.62	22.00	0
		1	49	21.72	21.73	21.75	22.00	0
		25	0	20.90	20.73	20.76	21.00	1
		25	12	20.85	20.62	20.70	21.00	1
		25	25	20.69	20.59	20.60	21.00	1
		50	0	20.84	20.74	20.79	21.00	1
10	16-QAM	1	0	20.89	20.66	20.72	21.00	1
		1	25	20.71	20.76	20.69	21.00	1
		1	49	20.80	20.74	20.65	21.00	1
		25	0	19.83	19.65	19.69	20.00	2
		25	12	19.83	19.70	19.58	20.00	2
		25	25	19.83	19.66	19.65	20.00	2
		50	0	19.76	19.81	19.68	20.00	2
10	64-QAM	1	0	19.79	19.84	19.58	20.00	2
		1	25	19.73	19.76	19.65	20.00	2
		1	49	19.82	19.73	19.58	20.00	2
		25	0	18.79	18.70	18.66	19.00	3
		25	12	18.78	18.67	18.62	19.00	3
		25	25	18.82	18.69	18.71	19.00	3
		50	0	18.76	18.69	18.58	19.00	3
10	256-QAM	1	0	18.81	18.75	18.77	19.00	3
		1	25	18.83	18.84	18.66	19.00	3
		1	49	18.72	18.77	18.70	19.00	3
		25	0	17.78	17.72	17.73	18.00	4
		25	12	17.75	17.71	17.73	18.00	4
		25	25	17.72	17.61	17.72	18.00	4
		50	0	17.84	17.82	17.67	18.00	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

LTE Band 42_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3552.5	3575	3597.5		
Channel				43115	43340	43565		
5	QPSK	1	0	21.89	21.70	21.62	22.00	0
		1	12	21.83	21.69	21.81	22.00	0
		1	24	21.75	21.69	21.75	22.00	0
		12	0	20.80	20.75	20.71	21.00	1
		12	6	20.87	20.74	20.70	21.00	1
		12	13	20.75	20.66	20.70	21.00	1
		25	0	20.80	20.78	20.66	21.00	1
5	16-QAM	1	0	20.77	20.70	20.67	21.00	1
		1	12	20.84	20.75	20.78	21.00	1
		1	24	20.69	20.59	20.64	21.00	1
		12	0	19.65	19.62	19.65	20.00	2
		12	6	19.79	19.75	19.72	20.00	2
		12	13	19.71	19.61	19.76	20.00	2
		25	0	19.83	19.74	19.66	20.00	2
5	64-QAM	1	0	19.88	19.74	19.74	20.00	2
		1	12	19.78	19.77	19.70	20.00	2
		1	24	19.88	19.69	19.75	20.00	2
		12	0	18.74	18.67	18.73	19.00	3
		12	6	18.74	18.71	18.62	19.00	3
		12	13	18.73	18.71	18.60	19.00	3
		25	0	18.71	18.77	18.69	19.00	3
5	256-QAM	1	0	18.73	18.71	18.66	19.00	3
		1	12	18.78	18.73	18.73	19.00	3
		1	24	18.66	18.73	18.66	19.00	3
		12	0	17.85	17.66	17.63	18.00	4
		12	6	17.77	17.70	17.59	18.00	4
		12	13	17.87	17.83	17.73	18.00	4
		25	0	17.92	17.72	17.68	18.00	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.

LTE Band 43								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3610	3650	3690		
Channel				43690	44090	44490		
20	QPSK	1	0	21.89	21.84	21.88	22.00	0
		1	50	21.61	21.73	21.61	22.00	0
		1	99	21.71	21.56	21.63	22.00	0
		50	0	20.77	20.62	20.73	21.00	1
		50	25	20.87	20.58	20.82	21.00	1
		50	50	20.80	20.68	20.62	21.00	1
		100	0	20.75	20.54	20.71	21.00	1
20	16-QAM	1	0	20.74	20.69	20.80	21.00	1
		1	50	20.70	20.70	20.81	21.00	1
		1	99	20.69	20.66	20.85	21.00	1
		50	0	19.66	19.71	19.79	20.00	2
		50	25	19.80	19.61	19.72	20.00	2
		50	50	19.57	19.68	19.84	20.00	2
		100	0	19.66	19.66	19.71	20.00	2
20	64-QAM	1	0	19.74	19.56	19.70	20.00	2
		1	50	19.76	19.55	19.72	20.00	2
		1	99	19.73	19.61	19.75	20.00	2
		50	0	18.79	18.62	18.76	19.00	3
		50	25	18.82	18.58	18.77	19.00	3
		50	50	18.75	18.72	18.65	19.00	3
		100	0	18.75	18.55	18.73	19.00	3
20	256-QAM	1	0	18.82	18.63	18.77	19.00	3
		1	50	18.66	18.55	18.81	19.00	3
		1	99	18.79	18.53	18.79	19.00	3
		50	0	17.70	17.68	17.72	18.00	4
		50	25	17.83	17.62	17.65	18.00	4
		50	50	17.73	17.72	17.61	18.00	4
		100	0	17.68	17.63	17.66	18.00	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

LTE Band 43								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3607.5	3650	3692.5		
Channel				43665	44090	44515		
15	QPSK	1	0	21.76	21.72	21.67	22.00	0
		1	36	21.85	21.67	21.65	22.00	0
		1	74	21.61	21.68	21.88	22.00	0
		36	0	20.79	20.70	20.76	21.00	1
		36	18	20.71	20.64	20.67	21.00	1
		36	37	20.78	20.53	20.78	21.00	1
		75	0	20.67	20.64	20.76	21.00	1
15	16-QAM	1	0	20.78	20.70	20.70	21.00	1
		1	36	20.77	20.63	20.79	21.00	1
		1	74	20.71	20.55	20.74	21.00	1
		36	0	19.69	19.71	19.58	20.00	2
		36	18	19.67	19.70	19.70	20.00	2
		36	37	19.67	19.65	19.70	20.00	2
		75	0	19.74	19.63	19.77	20.00	2
15	64-QAM	1	0	19.77	19.65	19.73	20.00	2
		1	36	19.73	19.79	19.63	20.00	2
		1	74	19.66	19.56	19.65	20.00	2
		36	0	18.72	18.70	18.64	19.00	3
		36	18	18.72	18.67	18.76	19.00	3
		36	37	18.68	18.57	18.67	19.00	3
		75	0	18.65	18.60	18.76	19.00	3
15	256-QAM	1	0	18.81	18.61	18.74	19.00	3
		1	36	18.73	18.64	18.80	19.00	3
		1	74	18.72	18.62	18.75	19.00	3
		36	0	17.67	17.71	17.83	18.00	4
		36	18	17.78	17.60	17.73	18.00	4
		36	37	17.75	17.57	17.70	18.00	4
		75	0	17.83	17.66	17.70	18.00	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.

LTE Band 43								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3605	3650	3695		
Channel				43640	44090	44540		
10	QPSK	1	0	21.60	21.60	21.87	22.00	0
		1	25	21.73	21.63	21.78	22.00	0
		1	49	21.81	21.56	21.71	22.00	0
		25	0	20.71	20.61	20.81	21.00	1
		25	12	20.71	20.75	20.68	21.00	1
		25	25	20.76	20.65	20.74	21.00	1
		50	0	20.80	20.61	20.86	21.00	1
10	16-QAM	1	0	20.87	20.62	20.69	21.00	1
		1	25	20.67	20.69	20.70	21.00	1
		1	49	20.57	20.67	20.81	21.00	1
		25	0	19.75	19.63	19.63	20.00	2
		25	12	19.75	19.55	19.75	20.00	2
		25	25	19.84	19.63	19.76	20.00	2
		50	0	19.58	19.59	19.65	20.00	2
10	64-QAM	1	0	19.70	19.78	19.77	20.00	2
		1	25	19.57	19.74	19.78	20.00	2
		1	49	19.67	19.65	19.66	20.00	2
		25	0	18.59	18.53	18.71	19.00	3
		25	12	18.85	18.80	18.74	19.00	3
		25	25	18.55	18.65	18.76	19.00	3
		50	0	18.66	18.63	18.75	19.00	3
10	256-QAM	1	0	18.74	18.73	18.83	19.00	3
		1	25	18.67	18.66	18.62	19.00	3
		1	49	18.69	18.57	18.79	19.00	3
		25	0	17.71	17.71	17.81	18.00	4
		25	12	17.72	17.57	17.70	18.00	4
		25	25	17.71	17.56	17.71	18.00	4
		50	0	17.73	17.68	17.72	18.00	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

LTE Band 43								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3602.5	3650	3697.5		
Channel				43615	44090	44565		
5	QPSK	1	0	21.64	21.75	21.66	22.00	0
		1	12	21.68	21.60	21.69	22.00	0
		1	24	21.72	21.67	21.66	22.00	0
		12	0	20.60	20.54	20.71	21.00	1
		12	6	20.60	20.65	20.83	21.00	1
		12	13	20.85	20.77	20.78	21.00	1
		25	0	20.71	20.54	20.82	21.00	1
5	16-QAM	1	0	20.67	20.67	20.79	21.00	1
		1	12	20.71	20.66	20.72	21.00	1
		1	24	20.78	20.65	20.80	21.00	1
		12	0	19.68	19.52	19.62	20.00	2
		12	6	19.71	19.49	19.66	20.00	2
		12	13	19.68	19.57	19.82	20.00	2
		25	0	19.77	19.59	19.77	20.00	2
5	64-QAM	1	0	19.67	19.58	19.77	20.00	2
		1	12	19.73	19.60	19.81	20.00	2
		1	24	19.68	19.69	19.57	20.00	2
		12	0	18.88	18.60	18.79	19.00	3
		12	6	18.84	18.58	18.65	19.00	3
		12	13	18.73	18.62	18.70	19.00	3
		25	0	18.62	18.68	18.83	19.00	3
5	256-QAM	1	0	18.72	18.63	18.70	19.00	3
		1	12	18.64	18.68	18.88	19.00	3
		1	24	18.75	18.59	18.72	19.00	3
		12	0	17.57	17.64	17.82	18.00	4
		12	6	17.73	17.54	17.62	18.00	4
		12	13	17.72	17.68	17.77	18.00	4
		25	0	17.71	17.69	17.55	18.00	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

LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3560	3609	3641	3690		
Channel				55340	55830	56150	56640		
20	QPSK	1	0	21.78	21.87	21.82	21.95	22.00	0
		1	50	21.54	21.70	21.80	21.65	22.00	0
		1	99	21.63	21.75	21.73	21.80	22.00	0
		50	0	20.65	20.77	20.58	20.81	21.00	1
		50	25	20.64	20.62	20.62	20.80	21.00	1
		50	50	20.60	20.74	20.68	20.83	21.00	1
		100	0	20.61	20.64	20.70	20.72	21.00	1
20	16-QAM	1	0	20.57	20.75	20.77	20.77	21.00	1
		1	50	20.60	20.84	20.68	20.73	21.00	1
		1	99	20.71	20.70	20.75	20.73	21.00	1
		50	0	19.68	19.81	19.64	19.72	20.00	2
		50	25	19.69	19.65	19.60	19.82	20.00	2
		50	50	19.61	19.74	19.64	19.79	20.00	2
		100	0	19.64	19.59	19.58	19.73	20.00	2
20	64-QAM	1	0	19.58	19.66	19.68	19.75	20.00	2
		1	50	19.70	19.71	19.69	19.87	20.00	2
		1	99	19.58	19.74	19.54	19.81	20.00	2
		50	0	18.66	18.67	18.74	18.87	19.00	3
		50	25	18.57	18.72	18.71	18.84	19.00	3
		50	50	18.63	18.77	18.72	18.82	19.00	3
		100	0	18.49	18.75	18.66	18.78	19.00	3
20	256-QAM	1	0	18.54	18.72	18.57	18.70	19.00	3
		1	50	18.64	18.77	18.60	18.80	19.00	3
		1	99	18.62	18.71	18.59	18.77	19.00	3
		50	0	17.51	17.71	17.65	17.84	18.00	4
		50	25	17.68	17.69	17.67	17.76	18.00	4
		50	50	17.70	17.63	17.65	17.90	18.00	4
		100	0	17.68	17.75	17.57	17.84	18.00	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

LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3557.5	3608	3642	3692.5		
Channel				55315	55820	56160	56665		
15	QPSK	1	0	21.54	21.76	21.66	21.91	22.00	0
		1	36	21.60	21.74	21.60	21.74	22.00	0
		1	74	21.53	21.70	21.72	21.83	22.00	0
		36	0	20.60	20.74	20.64	20.86	21.00	1
		36	18	20.59	20.61	20.61	20.75	21.00	1
		36	37	20.61	20.60	20.67	20.77	21.00	1
		75	0	20.63	20.69	20.70	20.73	21.00	1
15	16-QAM	1	0	20.53	20.60	20.60	20.84	21.00	1
		1	36	20.58	20.81	20.59	20.65	21.00	1
		1	74	20.50	20.82	20.72	20.87	21.00	1
		36	0	19.69	19.78	19.66	19.90	20.00	2
		36	18	19.56	19.68	19.63	19.87	20.00	2
		36	37	19.64	19.82	19.63	19.87	20.00	2
		75	0	19.65	19.64	19.66	19.78	20.00	2
15	64-QAM	1	0	19.55	19.72	19.54	19.65	20.00	2
		1	36	19.74	19.83	19.72	19.84	20.00	2
		1	74	19.64	19.77	19.79	19.75	20.00	2
		36	0	18.48	18.67	18.71	18.72	19.00	3
		36	18	18.58	18.71	18.66	18.88	19.00	3
		36	37	18.62	18.65	18.55	18.82	19.00	3
		75	0	18.72	18.70	18.70	18.78	19.00	3
15	256-QAM	1	0	18.62	18.81	18.70	18.72	19.00	3
		1	36	18.58	18.68	18.70	18.69	19.00	3
		1	74	18.63	18.72	18.63	18.75	19.00	3
		36	0	17.60	17.64	17.54	17.91	18.00	4
		36	18	17.59	17.61	17.65	17.79	18.00	4
		36	37	17.63	17.63	17.65	17.79	18.00	4
		75	0	17.53	17.74	17.67	17.83	18.00	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

LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3555	3607.5	3642.5	3695		
Channel				55290	55815	56165	56690		
10	QPSK	1	0	21.69	21.65	21.69	21.82	22.00	0
		1	25	21.69	21.63	21.67	21.79	22.00	0
		1	49	21.57	21.70	21.66	21.78	22.00	0
		25	0	20.52	20.77	20.76	20.90	21.00	1
		25	12	20.59	20.73	20.75	20.85	21.00	1
		25	25	20.49	20.75	20.54	20.79	21.00	1
		50	0	20.68	20.73	20.71	20.85	21.00	1
10	16-QAM	1	0	20.52	20.82	20.61	20.81	21.00	1
		1	25	20.73	20.68	20.70	20.84	21.00	1
		1	49	20.64	20.71	20.72	20.78	21.00	1
		25	0	19.71	19.70	19.78	19.88	20.00	2
		25	12	19.72	19.62	19.66	19.79	20.00	2
		25	25	19.62	19.80	19.78	19.84	20.00	2
		50	0	19.68	19.69	19.65	19.69	20.00	2
10	64-QAM	1	0	19.69	19.73	19.67	19.87	20.00	2
		1	25	19.73	19.80	19.77	19.73	20.00	2
		1	49	19.60	19.74	19.76	19.80	20.00	2
		25	0	18.65	18.73	18.68	18.78	19.00	3
		25	12	18.64	18.66	18.57	18.81	19.00	3
		25	25	18.62	18.73	18.76	18.79	19.00	3
		50	0	18.72	18.62	18.62	18.69	19.00	3
10	256-QAM	1	0	18.67	18.63	18.67	18.84	19.00	3
		1	25	18.50	18.60	18.64	18.83	19.00	3
		1	49	18.59	18.66	18.70	18.71	19.00	3
		25	0	17.51	17.72	17.65	17.76	18.00	4
		25	12	17.53	17.73	17.62	17.65	18.00	4
		25	25	17.66	17.67	17.74	17.80	18.00	4
		50	0	17.69	17.68	17.69	17.68	18.00	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

LTE Band 48									
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)				Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3552.5	3607	3643	3697.5		
Channel				55265	55810	56170	56715		
5	QPSK	1	0	21.49	21.70	21.72	21.75	22.00	0
		1	12	21.66	21.65	21.67	21.74	22.00	0
		1	24	21.69	21.72	21.63	21.90	22.00	0
		12	0	20.61	20.73	20.62	20.73	21.00	1
		12	6	20.67	20.72	20.74	20.75	21.00	1
		12	13	20.55	20.62	20.73	20.78	21.00	1
		25	0	20.63	20.78	20.66	20.80	21.00	1
5	16-QAM	1	0	20.57	20.65	20.71	20.75	21.00	1
		1	12	20.61	20.61	20.56	20.91	21.00	1
		1	24	20.56	20.62	20.64	20.73	21.00	1
		12	0	19.55	19.78	19.64	19.68	20.00	2
		12	6	19.62	19.69	19.66	19.66	20.00	2
		12	13	19.57	19.70	19.72	19.83	20.00	2
		25	0	19.57	19.66	19.66	19.74	20.00	2
5	64-QAM	1	0	19.62	19.73	19.68	19.83	20.00	2
		1	12	19.52	19.80	19.64	19.84	20.00	2
		1	24	19.53	19.70	19.61	19.85	20.00	2
		12	0	18.57	18.72	18.64	18.81	19.00	3
		12	6	18.52	18.70	18.66	18.69	19.00	3
		12	13	18.65	18.69	18.71	18.83	19.00	3
		25	0	18.69	18.63	18.67	18.69	19.00	3
5	256-QAM	1	0	18.65	18.72	18.59	18.88	19.00	3
		1	12	18.55	18.76	18.59	18.71	19.00	3
		1	24	18.68	18.62	18.60	18.77	19.00	3
		12	0	17.57	17.75	17.62	17.81	18.00	4
		12	6	17.64	17.76	17.59	17.74	18.00	4
		12	13	17.71	17.79	17.63	17.76	18.00	4
		25	0	17.55	17.67	17.66	17.76	18.00	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

5.4 LTE DL CA

LTE Downlink 2CA conducted power table

Two Component Carrier Maximum Conducted Power															
PCC									SCC				Power		Configurations
PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (DL) Channel	PCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx.Power with DL CA active (dBm)	LTE Tx.Power with DL CA inactive (dBm)	
5	10	20600	844	QPSK	1	0	2600	889	25	20	8340	1960	22.84	22.80	CA 5A-25A
5	10	20600	844	QPSK	1	0	2600	889	38	20	38000	2595	22.88	22.86	CA 5A-38A
5	10	20600	844	QPSK	1	0	2600	889	41	20	40620	2593	23.00	23.01	CA 5A-41A
12	10	23130	711	QPSK	1	0	5130	741	25	20	8340	1960	23.77	23.79	CA 12A-25A
26	15	26765	821.5	QPSK	1	0	8765	866.5	46	20	50665	5537.5	23.57	23.43	CA 26A-46A
43	20	44240	3665	QPSK	1	0	44240	3665	43	20	44215	3662.5	21.67	21.67	CA 43A-43A

LTE Downlink 3CA conducted power table

Three Component Carrier Maximum Conducted Power																			
PCC									SCC 1				SCC 2				Power		Configurations
PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (UL) Frequency [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (DL) Channel	PCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx.Power with DL CA active (dBm)	LTE Tx.Power with DL CA inactive (dBm)	
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	13	10	5230	751	23.08	23.23	CA 2A-4A-13A
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	29	10	9715	722.5	23.16	23.27	CA 2A-4A-29A
2	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	30	10	9820	751	23.02	23.22	CA 2A-4A-30A	
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	13	10	5230	751	23.31	23.37	CA 2A-5A-13A
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	29	10	9715	722.5	23.11	23.01	CA 2A-5A-29A
2	20	18900	1880	QPSK	1	0	900	1960	7	20	3100	2655	26	15	8865	876.5	23.18	23.30	CA 2A-7A-26A
2	20	18900	1880	QPSK	1	0	900	1960	26	15	8865	876.5	66	20	66886	2155	23.26	23.30	CA 2A-26A-66A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	5	10	2525	881.5	13	10	5230	751	23.79	23.94	CA 4A-5A-13A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	5	10	2525	881.5	29	10	9715	722.5	23.73	23.80	CA 4A-5A-29A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	7	20	3100	2655	12	10	5095	737.5	23.72	23.76	CA 4A-7A-12A
5	10	20600	844	QPSK	1	0	2600	889	5	10	2525	881.5	12	10	5095	737.5	23.02	23.05	CA 5A-12A-66A
7	20	21100	2535	QPSK	1	0	3100	2655	26	15	8865	876.5	66	20	66886	2155	23.56	23.54	CA 7A-26A-66A
7	20	21100	2535	QPSK	1	0	3100	2655	46	20	50665	5537.5	66	20	66886	2155	23.52	23.48	CA 7A-46A-66A
66	20	132572	1770	QPSK	1	0	67036	2170	29	10	9715	722.5	46	20	50665	5537.5	23.14	23.26	CA 29A-46A-66A
48	20	56150	3641	QPSK	1	0	56150	3641	48	20	56348	3660.8	71	20	68761	634.5	21.72	21.80	CA 48C-71A

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 Downlink 4CA conducted power table

Four Component Carrier Maximum Conducted Power																							
SCC 1										SCC 2				Power									
PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (DL) Frequency [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (DL) Channel	PCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE TxPower with DL CA active (dBm)	LTE TxPower with DL CA inactive (dBm)	Configurations
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	4	20	2175	2132.5	71	20	68763	634.5	23.13	23.37	CA_2A-2A-4A-71A
2	20	18900	1880	QPSK	1	0	900	1960	7	20	3100	2655	12	5	5095	737.5	12	10	5162	744.7	23.16	23.30	CA_2A-7A-12B
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1175	1987.5	14	10	5330	763	30	10	9820	2395	23.06	23.10	CA_2A-2A-14A-30A
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	5	10	2525	881.5	5	10	2624	891.4	23.16	23.33	CA_2A-4A-5B
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	7	20	3100	2655	7	20	2902	2635.2	23.10	23.16	CA_2A-4A-7C
2	20	18900	1880	QPSK	1	0	900	1960	4	20	2175	2132.5	12	5	5095	737.5	12	10	5162	744.7	22.88	23.19	CA_2A-4A-12B
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	7	20	3100	2655	7	20	2902	2635.2	23.06	23.11	CA_2A-5A-7C
2	20	18900	1880	QPSK	1	0	900	1960	5	10	2525	881.5	12	5	5095	737.5	12	10	5162	744.7	23.15	23.30	CA_2A-5A-12B
2	20	18900	1880	QPSK	1	0	900	1960	7	20	3100	2655	7	20	2902	2635.2	29	10	9715	722.5	23.07	23.13	CA_2A-7C-29A
2	20	18900	1880	QPSK	1	0	900	1960	2	20	702	1860.2	29	10	9715	722.5	30	10	9820	2395	23.21	23.04	CA_2C-12A-30A
2	20	18900	1880	QPSK	1	0	900	1960	2	20	702	1860.2	29	10	9715	722.5	30	10	9820	2395	23.11	23.31	CA_2C-29A-30A
2	20	18900	1880	QPSK	1	0	900	1960	30	10	9820	2395	66	20	66886	2155	66	5	67311	2197.5	23.30	23.26	CA_2A-30A-66A-66A
2	20	18900	1880	QPSK	1	0	900	1960	66	20	66886	2155	66	20	67084	2174.8	71	20	68763	634.5	23.25	23.30	CA_2A-66C-71A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	4	5	1975	2112.5	12	10	5095	737.5	30	10	9820	2395	23.71	23.74	CA_4A-4A-12A-30A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	4	5	1975	2112.5	29	10	9715	722.5	30	10	9820	2395	23.70	23.90	CA_4A-4A-29A-30A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	5	10	2525	881.5	12	5	5095	737.5	12	10	5162	744.7	23.81	23.86	CA_4A-5A-12B
5	10	20600	844	QPSK	1	0	2600	889	7	20	3100	2655	7	20	2902	2635.2	66	20	66886	2155	22.84	22.98	CA_5A-7C-66A
5	10	20600	844	QPSK	1	0	2600	889	12	10	5095	737.5	48	20	56150	3641	48	20	55952	3621.2	22.92	22.90	CA_5A-12A-48C
7	20	21100	2535	QPSK	1	0	3100	2655	12	5	5095	737.5	12	10	5162	744.7	66	20	66886	2155	23.40	23.55	CA_7A-12B-66A
7	20	21100	2535	QPSK	1	0	3100	2655	7	20	2902	2635.2	13	10	5230	751	66	20	66886	2155	23.55	23.44	CA_7C-13A-66A
7	20	21100	2535	QPSK	1	0	3100	2655	7	20	2902	2635.2	29	10	9715	722.5	66	20	66886	2155	23.40	23.59	CA_7C-29A-66A
10	20	23130	711	QPSK	1	0	5130	741	30	10	9820	2395	66	20	66886	2155	66	5	67311	2197.5	23.79	23.80	CA_10A-30A-66A-66A
14	10	23330	793	QPSK	1	0	5330	763	30	10	9820	2395	66	20	66886	2155	66	5	67311	2197.5	23.96	24.11	CA_14A-30A-66A-66A
25	20	26365	1882.5	QPSK	1	0	8365	1962.5	46	20	50665	5537.5	46	20	50663	5537.3	46	20	51061	5677.1	23.71	23.68	CA_25A-46D
30	10	27710	2310	QPSK	1	0	9820	2395	29	10	9715	722.5	66	20	66886	2155	66	5	67311	2197.5	22.19	22.14	CA_30A-30A-66A-66A
41	20	40620	2593	QPSK	1	0	40620	2593	46	20	56150	3641	48	20	55952	3621.2	48	20	55754	3601.4	23.43	23.56	CA_41A-46D
71	20	133297	680.5	QPSK	1	0	68761	634.5	46	20	50665	5537.5	46	20	50663	5537.3	46	20	51061	5677.1	23.26	23.40	CA_71A-46D

LTE Downlink 4CA conducted power table

Five Component Carrier Maximum Conducted Power																											
PCC				SCC 1				SCC 2				SCC 3				SCC 4				Power		Configurations					
PCC Band	PCC Bandwidth [MHz]	PCC (UL) Channel	PCC (DL) Frequency [MHz]	Modulation	PCC (UL) RB	PCC (UL) RB Offset	PCC (DL) Channel	PCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	SCC Band	SCC Bandwidth [MHz]	SCC (DL) Channel	SCC (DL) Frequency [MHz]	LTE Tx Power with DL CA active (dBm)		LTE Tx Power with DL CA inactive (dBm)				
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1987.5	1175	7	20	2655	3100	7	20	2635.2	2902	13	10	751	5230	23.01	23.06	CA_2A-2A-7C-13A
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1987.5	1175	14	10	763	5330	66	20	2155	66886	66	5	2197.5	67311	23.20	23.27	CA_2A-2A-14A-66A-66A
2	20	18900	1880	QPSK	1	0	900	1960	2	5	1987.5	1175	29	10	722.5	8715	66	20	2155	66886	66	5	2197.5	67311	23.05	23.18	CA_2A-2A-29A-66A-66A
2	20	18900	1880	QPSK	1	0	900	1960	5	10	881.5	7525	48	20	3641.5	50665	48	20	3621.2	55952	48	20	3601.4	55754	22.95	23.15	CA_2A-5A-48D
2	20	18900	1880	QPSK	1	0	900	1960	2	20	1860.2	702	4	10	881.5	2525	5	10	2395	9620	23.19	23.31	CA_2C-5B-30A				
2	20	18900	1880	QPSK	1	0	900	1960	5	10	881.5	7525	48	20	3641.5	50665	48	20	2155	66886	66	20	2155.2	66886	23.12	23.24	CA_2A-5B-66C
2	20	18900	1880	QPSK	1	0	900	1960	7	20	2655	3100	7	20	2655.2	2902	66	20	2155	66886	66	5	2197.5	67311	23.29	23.25	CA_2A-7A-46D
2	20	18900	1880	QPSK	1	0	900	1960	12	5	737.5	5095	12	10	744.7	5162	66	20	2155	66886	66	5	2197.5	67311	23.29	23.25	CA_2A-12B-66A-66A
2	20	18900	1880	QPSK	1	0	900	1960	13	10	751	5230	46	20	5537.5	50665	46	20	5537.3	50663	46	20	5537.1	51061	23.03	23.25	CA_2A-13A-46D
2	20	18900	1880	QPSK	1	0	900	1960	13	10	751	5230	46	20	3641.5	50665	46	20	3621.2	55952	46	20	3601.4	55754	23.04	23.04	CA_2A-13A-46D
2	20	18900	1880	QPSK	1	0	900	1960	13	10	751	5230	66	20	2155	66886	66	20	2155.2	66886	66	20	2155.4	66886	23.16	23.04	CA_2A-13A-66D
2	20	18900	1880	QPSK	1	0	900	1960	46	20	5537.5	50665	46	20	5537.3	50663	46	20	5537.1	51061	46	20	5537.1	51061	23.15	23.20	CA_2A-46D-66A
2	20	18900	1880	QPSK	1	0	900	1960	46	20	3641.5	50665	46	20	3621.2	55952	46	20	3621.4	55754	66	20	2155	66886	23.00	23.13	CA_2A-46D-66A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	4	5	2132.5	2132.5	5	10	881.5	2525	5	10	881.4	2614	30	10	2395	9620	23.75	23.75	CA_4A-4A-5B-30A
4	20	20175	1732.5	QPSK	1	0	2175	2132.5	46	20	5150	46790	46	20	5025	54539	46	20	5005.2	54341	46	20	5885.4	54143	23.78	23.80	CA_4A-66A-46D
5	10	20175	1732.5	QPSK	1	0	2175	2132.5	46	20	5025	54539	46	20	2635.2	2902	46	20	2635.4	2902	46	20	2635.4	2902	23.11	23.84	CA_5A-46D
5	10	20600	844	QPSK	1	0	2600	889	7	20	2655	3100	46	20	5537.5	50665	46	20	5537.3	50663	46	20	5537.1	51061	22.85	22.85	CA_5A-7A-46D
5	10	20600	844	QPSK	1	0	2600	889	12	10	737.5	5095	46	20	5537.5	50665	46	20	5537.3	50663	46	20	5537.1	51061	22.84	22.86	CA_5A-12A-46D
5	10	20600	844	QPSK	1	0	2600	889	5	10	844.4	2614	30	10	2395	9620	66	20	2155	66886	66	5	2197.5	67311	22.85	23.08	CA_5A-30A-66A-66A
5	10	20600	844	QPSK	1	0	2600	889	46	20	5537.5	50665	46	20	5537.3	50663	46	20	2155	66886	22.84	22.87					
5	10	20600	844	QPSK	1	0	2600	889	46	20	3641.5	50665	46	20	3621.2	55952	46	20	3621.4	55754	66	20	2155	66886	22.78	22.89	CA_5A-46D-66A
7	20	21100	2535	QPSK	1	0	2100	2665	7	20	2654.8	3100	25	20	1960	8340	25	5	1992.5	8555	66	20	2155	66886	23.42	23.46	CA_7C-25A-25A-66A
13	10	23230	782	QPSK	1	0	5200	751	46	20	5200.2	50952	46	20	3621.2	55952	46	20	3621.4	55754	66	20	2155	66886	23.00	23.83	CA_13A-46D-66A
13	10	23230	782	QPSK	1	0	5200	751	46	20	3641.5	50665	46	20	3621.2	55952	46	20	3621.4	55754	66	20	2155	66886	23.02	23.65	CA_13A-46D-66A
13	10	23230	782	QPSK	1	0	5200	751	46	20	3621.2	5095	66	20	2155	66886	66	20	2155.2	66886	66	20	2155.4	66886	23.18	23.01	CA_13A-66D-66A
41	20	40620	2993	QPSK	1	0	40620	2993	41	20	2573.2	40422	41	20	2503.4	40224	41	20	3075	43304	41	20	3044.8	43038	23.73	23.73	CA_41D-41D-41C
41	20	40620	2993	QPSK	1	0	40620	2993	46	20	5537.5	50665	46	20	5537.3	50663	46	20	5537.1	51061	46	20	5596.9	43209	23.59	23.67	CA_41A-46C
41	20	40620	2993	QPSK	1	0	40620	2993	46	20	3641.5	50665	46	20	3621.2	55952	46	20	3621.4	55754	66	20	2155	66886	23.73	23.67	CA_41D-46D-66A

LTE CA information**A)**

The device supports downlink LTE Carrier Aggregation (CA). The possible downlink LTE CA combinations supported by this device are as below tables per 3GPP TS 36.521-1. The conducted power measurement results of downlink LTE CA are provided as above per 3GPP TS 36.521-1. According to KDB 941225 D05A and RF exposure procedures in TCB workshop April 2018, the downlink LTE CA SAR test is not required.

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



B)

CA combination table

Index	2CC	Restriction	Completely Covered by Measurement Superset	Index	3CC	Restriction	Completely Covered by Measurement Superset	Index	4CC	Restriction	Completely Covered by Measurement Superset	Index	5CC	Restriction	Completely Covered by Measurement Superset
2CC #1	CA 2C	526	SCC #73	3CC #1	CA 4B	540	SCC #87	4CC #1	CA 4BE	540	SCC #87	5CC #1	CA 4BE	540	SCC #87
2CC #2	CA 5B	532	SCC #79	3CC #2	CA 6BD	540	SCC #87	4CC #2	CA 41A-41A-41C	537	SCC #84	5CC #2	CA 41C-41D	537	SCC #84
2CC #3	CA 7B	534	SCC #81	3CC #3	CA 25A-25A-25A	537	SCC #84	4CC #3	CA 48A-48C	540	SCC #87	5CC #3	CA 48A-48E	540	SCC #87
2CC #4	CA 7C	534	SCC #81	3CC #4	CA 48A-48A-48A	540	SCC #87	4CC #4	CA 48C-48C	540	SCC #87	5CC #4	CA 48C-48D	540	SCC #87
2CC #5	CA 12B	529	SCC #76	3CC #5	CA 48A-48C	540	SCC #87	4CC #5	CA 2A-2A-4A-4A	372	4CC #104	5CC #5	CA 2A-2A-48D	525	SCC #72
2CC #6	CA 33C	18	2CC #18	3CC #6	CA 65A-65A-65A	540	SCC #87	4CC #6	CA 2A-2A-5B	511	SCC #58	5CC #6	CA 2A-2A-65A-65B	526	SCC #73
2CC #7	CA 48B	540	SCC #87	3CC #7	CA 68A-68B	540	SCC #87	4CC #7	CA 2A-2A-7A-7A	515	SCC #62	5CC #7	CA 2A-2A-65A-65C	526	SCC #73
2CC #8	CA 48C	540	SCC #87	3CC #8	CA 68A-68C	540	SCC #87	4CC #8	CA 2A-2A-7C	515	SCC #62	5CC #8	CA 2A-65A-65D	526	SCC #73
2CC #9	CA 66B	540	SCC #87	3CC #9	CA 2A-2A-4A	372	4CC #104	4CC #9	CA 2A-2A-12A-12A	516	SCC #63	5CC #9	CA 2A-48E	526	SCC #73
2CC #10	CA 66C	540	SCC #87	3CC #10	CA 2A-2A-5A	372	SCC #58	4CC #10	CA 2A-2A-12B	516	SCC #63	5CC #10	CA 2A-48A-48D	526	SCC #73
2CC #11	CA 2A-2A	526	SCC #73	3CC #11	CA 2A-2A-7A	515	SCC #62	4CC #11	CA 2A-2A-6C	526	SCC #72	5CC #11	CA 2A-48C-48C	526	SCC #73
2CC #12	CA 3A-3A	N/A	SCC #12	3CC #12	CA 2A-2A-12A	516	SCC #63	4CC #12	CA 2A-2A-65A-65A	526	SCC #73	5CC #12	CA 2A-48E	526	SCC #73
2CC #13	CA 4A-4A	527	SCC #74	3CC #13	CA 2A-2A-13A	521	SCC #68	4CC #13	CA 2A-2A-68B	526	SCC #73	5CC #13	CA 4A-48A-48D	511	NO
2CC #14	CA 5A-5A	532	SCC #77	3CC #14	CA 2A-2A-14A	524	SCC #51	4CC #14	CA 2A-2A-68C	526	SCC #73	5CC #14	CA 4A-48E	511	NO
2CC #15	CA 7A-7A	534	SCC #81	3CC #15	CA 2A-2A-29A	505	SCC #62	4CC #15	CA 2A-65A-65C	526	SCC #72	5CC #15	CA 5A-48E	531	SCC #78
2CC #16	CA 12A-12A	529	SCC #76	3CC #16	CA 2A-2A-30A	506	SCC #63	4CC #16	CA 2A-48D	525	SCC #72	5CC #16	CA 5B-48D	531	SCC #78
2CC #17	CA 25A-25A	537	SCC #84	3CC #17	CA 2A-2A-65A	525	SCC #72	4CC #17	CA 2A-65A-65C	526	SCC #73	5CC #17	CA 5B-65A-65B	532	SCC #79
2CC #18	CA 48A-48A	540	SCC #87	3CC #18	CA 2A-2A-66A	526	SCC #73	4CC #18	CA 2A-48D	526	SCC #73	5CC #18	CA 5B-65A-65C	532	SCC #79
2CC #19	CA 48A-48A	540	SCC #87	3CC #19	CA 2A-2A-71A	414	4CC #146	4CC #19	CA 2A-65A-65A-65A	526	SCC #73	5CC #19	CA 7A-7A-48D	528	SCC #75
2CC #20	CA 65A-65A	540	SCC #87	3CC #20	CA 2A-4A-4A	372	4CC #104	4CC #20	CA 2A-65A-65B	526	SCC #73	5CC #20	CA 7A-48E	528	SCC #75
2CC #21	CA 2A-4A	372	SCC #104	3CC #21	CA 2A-5B	511	SCC #58	4CC #21	CA 2A-65A-65C	526	SCC #73	5CC #21	CA 7C-48D	528	SCC #75
2CC #22	CA 2A-5A	511	SCC #58	3CC #22	CA 2C-5A	511	SCC #58	4CC #22	CA 2C-65A-65A	526	SCC #73	5CC #22	CA 12A-48E	529	SCC #76
2CC #23	CA 2A-7A	525	SCC #62	3CC #23	CA 2A-7A-7A	515	SCC #62	4CC #23	CA 2A-65D	526	SCC #73	5CC #23	CA 13A-48A-48D	536	SCC #82
2CC #24	CA 2A-12A	516	SCC #63	3CC #24	CA 2A-7C	515	SCC #62	4CC #24	CA 4A-4A-5B	527	SCC #74	5CC #24	CA 13A-48E	536	SCC #82
2CC #25	CA 2A-13A	521	SCC #68	3CC #25	CA 2A-12A-12A	516	SCC #63	4CC #25	CA 4A-4A-12A-12A	419	4CC #151	5CC #25	CA 13A-48A-48D	536	SCC #83
2CC #26	CA 2A-14A	504	SCC #51	3CC #26	CA 2A-12B	516	SCC #63	4CC #26	CA 4A-4A-12B	419	4CC #151	5CC #26	CA 13A-48C-48C	536	SCC #83
2CC #27	CA 2A-29A	505	SCC #52	3CC #27	CA 2A-29A	505	SCC #52	4CC #27	CA 4A-48A-48C	526	SCC #73	5CC #27	CA 13A-48E	536	SCC #83
2CC #28	CA 2A-29A	505	SCC #52	3CC #28	CA 2C-29A	505	SCC #52	4CC #28	CA 4A-48D	466	SCC #13	5CC #28	CA 25A-25A-41D	537	SCC #84
2CC #29	CA 2A-30A	506	SCC #53	3CC #29	CA 2C-30A	506	SCC #53	4CC #29	CA 4A-48D	467	SCC #14	5CC #29	CA 25A-41E	537	SCC #84
2CC #30	CA 2A-48A	525	SCC #72	3CC #30	CA 2A-48A-48A	525	SCC #72	4CC #30	CA 5A-5A-65A-65A	532	SCC #79	5CC #30	CA 41D-42C	NO	NO
2CC #31	CA 2A-48A	525	SCC #72	3CC #31	CA 2A-48B	525	SCC #72	4CC #31	CA 5A-5A-65C	532	SCC #79	5CC #31	CA 41E-42E	NO	NO
2CC #32	CA 2A-65A	526	SCC #73	3CC #32	CA 2A-48A-48A	526	SCC #73	4CC #32	CA 5A-5A-65C	532	SCC #79	5CC #32	CA 46A-46D-65A	540	SCC #87
2CC #33	CA 2A-71A	414	4CC #146	3CC #33	CA 2A-48C	526	SCC #73	4CC #33	CA 5A-48D	531	SCC #78	5CC #33	CA 46D-65A-65A	540	SCC #87
2CC #34	CA 4A-5A	527	SCC #74	3CC #34	CA 2A-65A-65A	526	SCC #73	4CC #34	CA 5A-48C	531	SCC #78	5CC #34	CA 46E-65A	540	SCC #87
2CC #35	CA 4A-12A	419	4CC #151	3CC #35	CA 2A-65B	526	SCC #73	4CC #35	CA 5A-48D	532	SCC #79	5CC #35	CA 48A-48C-65B	540	SCC #87
2CC #36	CA 4A-13A	242	SCC #155	3CC #36	CA 2A-65C	526	SCC #73	4CC #36	CA 5A-65A-65B	532	SCC #79	5CC #36	CA 48A-48C-65C	540	SCC #87
2CC #37	CA 4A-29A	418	SCC #159	3CC #37	CA 2C-65A	526	SCC #73	4CC #37	CA 7A-7A-48C	528	SCC #75	5CC #37	CA 48A-48C-65A	540	SCC #87
2CC #38	CA 4A-30A	527	SCC #74	3CC #38	CA 4A-4A-30A	527	SCC #74	4CC #38	CA 5B-65A-65A	532	SCC #79	5CC #38	CA 48C-48C-65A	540	SCC #87
2CC #39	CA 4A-45A	466	SCC #13	3CC #39	CA 4A-4A-7A	371	4CC #103	4CC #39	CA 5A-48D	532	SCC #79	5CC #39	CA 48E-65A	540	SCC #87
2CC #40	CA 4A-48A	467	SCC #14	3CC #40	CA 4A-4A-12A	419	4CC #151	4CC #40	CA 5B-65B	532	SCC #79	5CC #40	CA 2A-2A-5A-65A-65A	511	SCC #58
2CC #41	CA 4A-71A	390	4CC #182	3CC #41	CA 4A-4A-13A	242	SCC #155	4CC #41	CA 5B-65C	532	SCC #79	5CC #41	CA 2A-2A-5A-65B	511	SCC #58
2CC #42	CA 5A-7A	528	SCC #75	3CC #42	CA 4A-4A-29A	418	4CC #150	4CC #42	CA 7A-7A-25A-25A	534	SCC #81	5CC #42	CA 2A-2A-5A-65C	511	SCC #58
2CC #43	CA 5A-12A	529	SCC #76	3CC #43	CA 4A-4A-30A	527	SCC #74	4CC #43	CA 7A-7A-48C	528	SCC #75	5CC #43	CA 2A-2A-5B-65A	511	SCC #58
2CC #44	CA 5A-13A	242	SCC #155	3CC #44	CA 4A-4A-71A	390	4CC #182	4CC #44	CA 7A-7A-65A-65A	534	SCC #81	5CC #44	CA 2A-2A-7A-13A	488	SCC #45
2CC #45	CA 5A-25A	NO	SCC #45	3CC #45	CA 4A-5B	527	SCC #74	4CC #45	CA 7C-25A-25A	534	SCC #81	5CC #45	CA 2A-2A-7C-13A	NO	NO
2CC #46	CA 5A-29A	243	SCC #156	3CC #46	CA 4A-7A-7A	371	4CC #103	4CC #46	CA 7A-48D	528	SCC #75	5CC #46	CA 2A-2A-7A-65A-65A	515	SCC #62
2CC #47	CA 5A-30A	530	SCC #77	3CC #47	CA 4A-7C	371	4CC #103	4CC #47	CA 7C-48C	528	SCC #75	5CC #47	CA 2A-2A-12A-65A-65A	516	SCC #63
2CC #48	CA 5A-35A	NO	SCC #48	3CC #48	CA 4A-12A-12A	419	4CC #151	4CC #48	CA 7C-65A-65A	534	SCC #81	5CC #48	CA 2A-2A-12B-65A	516	SCC #63
2CC #49	CA 5A-41A	NO	SCC #49	3CC #49	CA 4A-12B	419	4CC #151	4CC #49	CA 13A-48D	529	SCC #76	5CC #49	CA 2A-2A-13A-65A-65A	521	SCC #68
2CC #50	CA 5A-45A	466	SCC #13	3CC #50	CA 4A-6A-45A	466	SCC #13	4CC #50	CA 13A-48D	426	4CC #158	5CC #50	CA 2A-2A-13A-65B	521	SCC #68
2CC #51	CA 5A-48A	531	SCC #79	3CC #51	CA 4A-48C	466	SCC #13	4CC #51	CA 13B-65A-65A	516	SCC #83	5CC #51	CA 2A-2A-14A-65A-65A	NO	NO
2CC #52	CA 5A-65A	532	SCC #79	3CC #52	CA 4A-48C	467	SCC #14	4CC #52	CA 13A-48A-48C	535	SCC #82	5CC #52	CA 2A-2A-29A-65A-65A	NO	NO
2CC #53	CA 7A-12A	488	4CC #188	3CC #53	CA 5A-5A-65A	532	SCC #79	4CC #53	CA 13A-48D	535	SCC #82	5CC #53	CA 2C-5B-30A	NO	NO
2CC #54	CA 7A-13A	488	SCC #145	3CC #54	CA 5A-7A-7A	528	SCC #75	4CC #54	CA 13A-48A-48C	536	SCC #83	5CC #54	CA 2A-3A-48D	NO	NO
2CC #55	CA 7A-25A	534	SCC #81	3CC #55	CA 5A-7C	528	SCC #75	4CC #55	CA 13A-48D	536	SCC #83	5CC #55	CA 2A-5A-48D	NO	NO
2CC #56	CA 7A-25A	258	3CC #171	3CC #56	CA 5A-12B	529	SCC #76	4CC #56	CA 13A-65A-65B	536	SCC #83	5CC #56	CA 2A-5B-65A-65A	511	SCC #58
2CC #57	CA 7A-29A	440	4CC #172	3CC #57	CA 5B-30A	530	SCC #77	4CC #57	CA 13A-65A-65C	536	SCC #83	5CC #57	CA 2A-5B-65B	511	SCC #58
2CC #58	CA 7A-45A	528	SCC #75	3CC #58	CA 5A-48C	531	SCC #78	4CC #58	CA 13A-65D	536	SCC #83	5CC #58	CA 2A-5B-65C	NO	NO
2CC #59	CA 7A-65A	534	SCC #81	3CC #59	CA 5B-45A	531	SCC #78	4CC #59	CA 14A-65A-65A-65A	504	SCC #51	5CC #59	CA 2A-7A-7A-45C	514	SCC #61
2CC #60	CA 12A-25A	NO	SCC #60	3CC #60	CA 5A-48C	532	SCC #79	4CC #60	CA 25A-25A-41C	537	SCC #84	5CC #60	CA 2A-7A-7A-65A-65A	515	SCC #62
2CC #61	CA 12A-30A	441	4CC #173	3CC #61	CA 5A-65A-65A	532	SCC #79	4CC #61	CA 25A-41D	537	SCC #84	5CC #61	CA 2A-7A-48D	NO	NO
2CC #62	CA 12A-45A	529	SCC #76	3CC #62	CA 5A-65B	532	SCC #79	4CC #62	CA 25A-45D	NO	SCC #82	5CC #62	CA 2A-7C-65A-65A	NO	NO
2CC #63	CA 12A-48A	426	4CC #158	3CC #63	CA 5A-65C	532	SCC #79	4CC #63	CA 48A-48A-48C	NO	SCC #83	5CC #63	CA 2A-12B-65A-65A	NO	NO
2CC #64	CA 13A-65A	516	SCC #83	3CC #64	CA 5B-65A	532	SCC #78	4CC #64	CA 41A-42D	483	SCC #59	5CC #64	CA 2A-13A-48D	NO	NO
2CC #65	CA 13A-45A	535	SCC #82	3CC #65	CA 7A-7A-13A	498	4CC #145	4CC #65	CA 41D-42A	483	SCC #59	5CC #65	CA 2A-13A-48D	NO	NO
2CC #66	CA 13A-48A	535	SCC #83	3CC #66	CA 7A-7A-25A	534	SCC #81	4CC #66	CA 41A-48D	484	SCC #31	5CC #66	CA 2A-13A-65A-65B	521	SCC #68
2CC #67	CA 13A-65A	536	SCC #83	3CC #67	CA 7A-7A-29A	258	3CC #171	4CC #67	CA 41A-48D	484	SCC #31	5CC #67	CA 2A-13A-65A-65C	521	SCC #68
2CC #68	CA 14A-30A	448	4CC #180	3CC #68	CA 7A-7A-29A	440	4CC #172	4CC #68	CA 48A-48C-65A	540	SCC #87	5CC #68	CA 2A-13A-65D	NO	NO
2CC #69	CA 14A-65A	537	SCC #51	3CC #69	CA 7A-7A-45A	528	SCC #75	4CC #69	CA 48C-65A-65A	540	SCC #87	5CC #69	CA 2A-48A-48D	524	

Member of SGS Group

Note:

- 1) The channel spacing and aggregated channel bandwidth for CA are identical to the associated specification in 3GPP TS 36.521-1 V16.6.0.
- 2) The reference test frequencies for CA refers to 3GPP TS 36.508 V16.6.0
- 3) Testing is not required in bands or modes not intended/allowed for US operation
- 4) Based on TCB workshop April 2018, only indicate "No" in CA combination table need power 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.

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_2C														
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	1880.2	18902	1	99	20	QPSK	1900	19100	1	0	0	23.14	24.00
20	QPSK	1870.1	18801	1	99	20	QPSK	1889.9	18999	1	0	0	23.20	24.00
20	QPSK	1860	18700	1	99	20	QPSK	1879.8	18898	1	0	0	23.15	24.00
CA_2C														
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	1882.9	18929	1	74	20	QPSK	1900	19100	1	0	0	22.89	24.00
15	QPSK	1870.3	18803	1	74	20	QPSK	1887.4	18974	1	0	0	22.98	24.00
15	QPSK	1857.8	18678	1	74	20	QPSK	1874.9	18849	1	0	0	22.97	24.00
CA_2C														
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	1887.5	18975	1	74	15	QPSK	1902.5	19125	1	0	0	22.90	24.00
15	QPSK	1872.5	18825	1	74	15	QPSK	1887.5	18975	1	0	0	23.10	24.00
15	QPSK	1857.5	18675	1	74	15	QPSK	1872.5	18825	1	0	0	23.03	24.00
CA_2C														
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	1885.6	18956	1	49	20	QPSK	1900	19100	1	0	0	23.05	24.00
10	QPSK	1870.6	18806	1	49	20	QPSK	1885	18950	1	0	0	23.08	24.00
10	QPSK	1855.5	18655	1	49	20	QPSK	1869.9	18799	1	0	0	23.04	24.00
CA_2C														
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	1890.5	19005	1	49	15	QPSK	1902.5	19125	1	0	0	22.89	24.00
10	QPSK	1872.9	18829	1	49	15	QPSK	1884.9	18949	1	0	0	23.01	24.00
10	QPSK	1855.3	18653	1	49	15	QPSK	1867.3	18773	1	0	0	23.11	24.00
CA_2C														
Combination 25RB + 100RB (5MHz + 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)
5	QPSK	1888.3	18983	1	24	20	QPSK	1900	19100	1	0	0	22.91	24.00
5	QPSK	1870.8	18808	1	24	20	QPSK	1882.5	18925	1	0	0	23.01	24.00
5	QPSK	1853.3	18633	1	24	20	QPSK	1865	18750	1	0	0	23.15	24.00
CA_5B														
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	829	20450	1	49	10	QPSK	838.9	20549	1	0	0	23.26	24.50
10	QPSK	831.6	20476	1	49	10	QPSK	841.5	20575	1	0	0	23.22	24.50
10	QPSK	834.1	20501	1	49	10	QPSK	844	20600	1	0	0	23.17	24.50
CA_5B														
Combination 50RB + 25RB (10MHz + 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)
10	QPSK	829	20450	1	49	5	QPSK	836.2	20522	1	0	0	23.12	24.50
10	QPSK	834	20500	1	49	5	QPSK	841.2	20572	1	0	0	23.02	24.50
10	QPSK	839	20550	1	49	5	QPSK	846.2	20622	1	0	0	23.01	24.50
CA_7C														
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	2510	20850	1	99	20	QPSK	2529.8	21048	1	0	0	23.11	24.00
20	QPSK	2525.1	21001	1	99	20	QPSK	2544.9	21199	1	0	0	23.64	24.00
20	QPSK	2540.2	21152	1	99	20	QPSK	2560	21350	1	0	0	23.48	24.00

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.

CA_7C														
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	2507.8	20828	1	74	20	QPSK	2524.9	20999	1	0	0	22.97	24.00
15	QPSK	2525.3	21003	1	74	20	QPSK	2542.4	21174	1	0	0	23.57	24.00
15	QPSK	2560	21350	1	74	20	QPSK	2577.1	21521	1	0	0	23.29	24.00
CA_7C														
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	2507.5	20825	1	74	15	QPSK	2522.5	20975	1	0	0	22.94	24.00
15	QPSK	2527.5	21025	1	74	15	QPSK	2542.5	21175	1	0	0	23.52	24.00
15	QPSK	2547.5	21225	1	74	15	QPSK	2562.5	21375	1	0	0	23.48	24.00
CA_7C														
Combination 75RB + 50RB (15MHz + 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)
15	QPSK	2507.5	20825	1	74	10	QPSK	2519.5	20945	1	0	0	23.02	24.00
15	QPSK	2530.1	21051	1	74	10	QPSK	2542.1	21171	1	0	0	23.60	24.00
15	QPSK	2552.7	21277	1	74	10	QPSK	2564.7	21397	1	0	0	23.41	24.00
CA_7C														
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	2505.5	20805	1	49	20	QPSK	2519.9	20949	1	0	0	23.03	24.00
10	QPSK	2525.6	21006	1	49	20	QPSK	2540	21150	1	0	0	23.34	24.00
10	QPSK	2545.6	21206	1	49	20	QPSK	2560	21350	1	0	0	23.56	24.00
CA_38C														
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	2580	37850	1	99	20	QPSK	2599.8	38048	1	0	0	23.06	24.00
20	QPSK	2585.1	37901	1	99	20	QPSK	2604.9	38099	1	0	0	23.01	24.00
20	QPSK	2590.2	37952	1	99	20	QPSK	2610	38150	1	0	0	23.16	24.00
CA_38C														
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	2577.5	37825	1	74	15	QPSK	2592.5	37975	1	0	0	22.96	24.00
15	QPSK	2587.5	37925	1	74	15	QPSK	2602.5	38075	1	0	0	22.72	24.00
15	QPSK	2597.5	38025	1	74	15	QPSK	2612.5	38175	1	0	0	22.77	24.00
CA_41C														
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	2506	39750	1	99	20	QPSK	2525.8	39948	1	0	0	23.55	24.00
20	QPSK	2583.1	40521	1	99	20	QPSK	2602.9	40719	1	0	0	23.65	24.00
20	QPSK	2660.2	41292	1	99	20	QPSK	2680	41490	1	0	0	23.74	24.00
CA_41C														
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	2503.8	39728	1	74	20	QPSK	2520.9	39899	1	0	0	23.37	24.00
15	QPSK	2583.3	40523	1	74	20	QPSK	2600.4	40694	1	0	0	23.58	24.00
15	QPSK	2662.9	41319	1	74	20	QPSK	2680	41490	1	0	0	23.49	24.00
CA_41C														
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	2503.5	39725	1	74	15	QPSK	2518.5	39875	1	0	0	23.31	24.00
15	QPSK	2585.5	40545	1	74	15	QPSK	2600.5	40695	1	0	0	23.51	24.00
15	QPSK	2667.5	41365	1	74	15	QPSK	2682.5	41515	1	0	0	23.58	24.00

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.

CA_41C														
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	2501.5	39705	1	49	20	QPSK	2515.9	39849	1	0	0	23.31	24.00
10	QPSK	2583.6	40526	1	49	20	QPSK	2598	40670	1	0	0	23.45	24.00
10	QPSK	2665.6	41346	1	49	20	QPSK	2680	41490	1	0	0	23.45	24.00
CA_41C														
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	2501.3	39703	1	49	15	QPSK	2513.3	39823	1	0	0	23.38	24.00
10	QPSK	2585.9	40549	1	49	15	QPSK	2597.9	40669	1	0	0	23.36	24.00
10	QPSK	2670.5	41395	1	49	15	QPSK	2682.5	41515	1	0	0	23.40	24.00
CA_41C														
Combination 25RB + 100RB (5MHz + 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)
5	QPSK	2499.3	39683	1	24	20	QPSK	2511	39800	1	0	0	23.49	24.00
5	QPSK	2583.8	40528	1	24	20	QPSK	2595.5	40645	1	0	0	23.49	24.00
5	QPSK	2668.3	41373	1	24	20	QPSK	2680	41490	1	0	0	23.53	24.00
CA_42C_Part 1														
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	3460	42090	1	99	20	QPSK	3479.8	42288	1	0	0	23.94	24.00
20	QPSK	3500	42590	1	99	20	QPSK	3519.8	42788	1	0	0	23.87	24.00
20	QPSK	3540	43090	1	99	20	QPSK	3559.8	43288	1	0	0	23.90	24.00
CA_42C_Part 1														
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	3557.5	43165	1	74	20	QPSK	3574.6	43336	1	0	0	23.82	24.00
15	QPSK	3575	43340	1	74	20	QPSK	3592.1	43511	1	0	0	23.63	24.00
15	QPSK	3592.5	43515	1	74	20	QPSK	3609.6	43686	1	0	0	23.77	24.00
CA_42C_Part 1														
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	3455	42140	1	49	20	QPSK	3469.4	42284	1	0	0	23.96	24.00
10	QPSK	3500	42590	1	49	20	QPSK	3514.4	42734	1	0	0	23.62	24.00
10	QPSK	3545	43040	1	49	20	QPSK	3559.4	43184	1	0	0	23.68	24.00
CA_42C_Part 1														
Combination 25RB + 100RB (5MHz + 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)
5	QPSK	3452.5	42115	1	24	20	QPSK	3464.2	42232	1	0	0	23.64	24.00
5	QPSK	3500	42590	1	24	20	QPSK	3511.7	42707	1	0	0	23.68	24.00
5	QPSK	3547.5	43065	1	24	20	QPSK	3559.2	43182	1	0	0	23.73	24.00
CA_42C_Part 2														
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	3560	43190	1	99	20	QPSK	3579.8	43388	1	0	0	21.97	22.00
20	QPSK	3575	43340	1	99	20	QPSK	3594.8	43538	1	0	0	22.02	22.00
20	QPSK	3590	43490	1	99	20	QPSK	3609.8	43688	1	0	0	21.93	22.00
CA_42C_Part 2														
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	3557.5	43165	1	74	20	QPSK	3574.6	43336	1	0	0	21.81	22.00
15	QPSK	3575	43340	1	74	20	QPSK	3592.1	43511	1	0	0	21.76	22.00
15	QPSK	3592.5	43515	1	74	20	QPSK	3609.6	43686	1	0	0	21.64	22.00

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.

CA_42C_Part 2														
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	3555	43140	1	49	20	QPSK	3569.4	43284	1	0	0	21.75	22.00
10	QPSK	3575	43340	1	49	20	QPSK	3589.4	43484	1	0	0	21.80	22.00
10	QPSK	3595	43540	1	49	20	QPSK	3609.4	43684	1	0	0	21.58	22.00
CA_42C_Part 2														
Combination 25RB + 100RB (5MHz + 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)
5	QPSK	3552.5	43115	1	24	20	QPSK	3564.2	43232	1	0	0	21.71	22.00
5	QPSK	3575	43340	1	24	20	QPSK	3586.7	43457	1	0	0	21.69	22.00
5	QPSK	3597.5	43565	1	24	20	QPSK	3609.2	43682	1	0	0	21.78	22.00
CA_43C														
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	3660	44190	1	99	20	QPSK	3679.8	44388	1	0	0	21.82	22.00
20	QPSK	3662.5	44215	1	99	20	QPSK	3682.3	44413	1	0	0	21.96	22.00
20	QPSK	3665	44240	1	99	20	QPSK	3684.8	44438	1	0	0	21.92	22.00
CA_43C														
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	3657.5	44165	1	74	20	QPSK	3674.6	44336	1	0	0	21.91	22.00
15	QPSK	3662.5	44215	1	74	20	QPSK	3679.6	44386	1	0	0	21.86	22.00
15	QPSK	3667.5	44265	1	74	20	QPSK	3684.6	44436	1	0	0	21.80	22.00
CA_43C														
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	3655	44140	1	49	20	QPSK	3669.4	44284	1	0	0	21.79	22.00
10	QPSK	3662.5	44215	1	49	20	QPSK	3676.9	44359	1	0	0	21.83	22.00
10	QPSK	3670	44290	1	49	20	QPSK	3684.4	44434	1	0	0	21.69	22.00
CA_43C														
Combination 25RB + 100RB (5MHz + 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)
5	QPSK	3652.5	44115	1	24	20	QPSK	3664.2	44232	1	0	0	21.73	22.00
5	QPSK	3662.5	44215	1	24	20	QPSK	3674.2	44332	1	0	0	21.79	22.00
5	QPSK	3672.5	44315	1	24	20	QPSK	3684.2	44432	1	0	0	21.61	22.00
CA_48C														
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	3560	55340	1	99	20	QPSK	3579.8	55538	1	0	0	21.57	22.00
20	QPSK	3615.1	55891	1	99	20	QPSK	3634.9	56089	1	0	0	21.95	22.00
20	QPSK	3670.2	56442	1	99	20	QPSK	3690	56640	1	0	0	21.93	22.00
CA_48C														
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	3557.8	55318	1	74	20	QPSK	3574.9	55489	1	0	0	21.56	22.00
15	QPSK	3615.3	55893	1	74	20	QPSK	3632.4	56064	1	0	0	21.75	22.00
15	QPSK	3672.9	56469	1	74	20	QPSK	3690	56640	1	0	0	21.74	22.00
CA_48C														
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	3555.5	55295	1	49	20	QPSK	3569.9	55439	1	0	0	21.45	22.00
10	QPSK	3615.6	55896	1	49	20	QPSK	3630	56040	1	0	0	21.65	22.00
10	QPSK	3675.6	56496	1	49	20	QPSK	3690	56640	1	0	0	21.92	22.00

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 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.

CA_48C														
Combination 25RB + 100RB (5MHz + 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)
5	QPSK	3553.3	55273	1	24	20	QPSK	3565	55390	1	0	0	21.52	22.00
5	QPSK	3615.8	55898	1	24	20	QPSK	3627.5	56015	1	0	0	21.71	22.00
5	QPSK	3678.3	56523	1	24	20	QPSK	3690	56640	1	0	0	21.69	22.00
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	23.17	24.00
10	QPSK	1750.1	132373	1	49	10	QPSK	1760	132472	1	0	0	23.04	24.00
10	QPSK	1765.1	132523	1	49	10	QPSK	1775	132622	1	0	0	23.13	24.00
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	23.22	24.00
5	QPSK	1748.1	132353	1	24	15	QPSK	1757.4	132446	1	0	0	23.05	24.00
5	QPSK	1763.2	132504	1	24	15	QPSK	1772.5	132597	1	0	0	23.29	24.00
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	23.23	24.00
5	QPSK	1750.3	132375	1	24	10	QPSK	1757.5	132447	1	0	0	23.08	24.00
5	QPSK	1767.8	132550	1	24	10	QPSK	1775	132622	1	0	0	23.30	24.00
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	23.33	24.00
5	QPSK	1752.6	132398	1	24	5	QPSK	1757.4	132446	1	0	0	23.18	24.00
5	QPSK	1772.7	132599	1	24	5	QPSK	1777.5	132647	1	0	0	23.25	24.00
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	23.37	24.00
20	QPSK	1745.1	132323	1	99	20	QPSK	1764.9	132521	1	0	0	23.41	24.00
20	QPSK	1750.2	132374	1	99	20	QPSK	1770	132572	1	0	0	23.38	24.00
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	23.24	24.00
15	QPSK	1745.3	132325	1	74	20	QPSK	1762.4	132496	1	0	0	23.21	24.00
15	QPSK	1752.9	132401	1	74	20	QPSK	1770	132572	1	0	0	23.26	24.00
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	23.21	24.00
15	QPSK	1747.5	132347	1	74	15	QPSK	1762.5	132497	1	0	0	23.33	24.00
15	QPSK	1757.5	132447	1	74	15	QPSK	1772.5	132597	1	0	0	23.30	24.00
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	23.17	24.00
10	QPSK	1745.6	132328	1	49	20	QPSK	1760	132472	1	0	0	23.00	24.00
10	QPSK	1755.6	132428	1	49	20	QPSK	1770	132572	1	0	0	23.18	24.00
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	23.28	24.00
10	QPSK	1747.9	132351	1	49	15	QPSK	1759.9	132471	1	0	0	23.14	24.00
10	QPSK	1760.5	132477	1	49	15	QPSK	1772.5	132597	1	0	0	23.16	24.00

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.

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	23.34	24.00
20	QPSK	1752.5	132397	1	99	5	QPSK	1764.2	132514	1	0	0	23.43	24.00
20	QPSK	1765	132522	1	99	5	QPSK	1776.7	132639	1	0	0	23.42	24.00

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

5.6 NR Intra-Band UL CA

CA_n5B														
Combination 79RB + 25RB (15MHz + 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)
15	pi/2 BPSK	831.5	166300	1	77	5	pi/2 BPSK	840.8	166393	1	1	1	23.44	24.00
15	pi/2 BPSK	841.5	168300	1	77	5	pi/2 BPSK	850.8	168393	1	1	1	23.13	24.00
CA_n5B														
Combination 52RB + 52RB (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	pi/2 BPSK	829	165800	1	49	10	pi/2 BPSK	838.9	165899	1	1	0	23.39	24.00
10	pi/2 BPSK	844	168800	1	49	10	pi/2 BPSK	853.9	168899	1	1	0	23.10	24.00
CA_n5B														
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	pi/2 BPSK	826.5	165300	1	23	5	pi/2 BPSK	831.3	165348	1	1	0	23.39	24.00
5	pi/2 BPSK	846.5	169300	1	23	5	pi/2 BPSK	851.3	169348	1	1	0	23.27	24.00
CA_n41C														
Combination 217RB + 273RB (80MHz + 100MHz)														
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)
80	pi/2 BPSK	2536.02	507204	1	215	100	pi/2 BPSK	2624.82	508092	1	1	1	23.35	24.00
80	pi/2 BPSK	2649.99	529998	1	215	100	pi/2 BPSK	2738.79	530886	1	1	1	23.14	24.00
CA_n41C														
Combination 217RB + 162RB (80MHz + 60MHz)														
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)
80	pi/2 BPSK	2536.02	507204	1	215	60	pi/2 BPSK	2605.02	507894	1	1	0	23.42	24.00
80	pi/2 BPSK	2649.99	529998	1	215	60	pi/2 BPSK	2718.99	530688	1	1	0	23.24	24.00
CA_n41C														
Combination 106RB + 273RB (40MHz + 100MHz)														
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)
40	pi/2 BPSK	2516.01	503202	1	104	100	pi/2 BPSK	2582.91	503871	1	1	0	23.29	24.00
40	pi/2 BPSK	2670	534000	1	104	100	pi/2 BPSK	2736.9	534669	1	1	0	23.30	24.00
CA_n41C														
Combination 106RB + 217RB (40MHz + 80MHz)														
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)
40	pi/2 BPSK	2516.01	503202	1	104	80	pi/2 BPSK	2573.91	503781	1	1	0	23.39	24.00
40	pi/2 BPSK	2670	534000	1	104	80	pi/2 BPSK	2727.9	534579	1	1	0	23.22	24.00
CA_n48B														
Combination 51RB + 51RB (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	pi/2 BPSK	3560.01	637334	1	49	20	pi/2 BPSK	3579.81	637532	1	1	1	21.24	22.00
20	pi/2 BPSK	3690	646000	1	49	20	pi/2 BPSK	3709.8	646198	1	1	1	21.70	22.00
CA_n48B														
Combination 51RB + 38RB (20MHz + 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)
20	pi/2 BPSK	3560.01	637334	1	49	15	pi/2 BPSK	3577.11	637505	1	1	0	21.27	22.00
20	pi/2 BPSK	3690	646000	1	49	15	pi/2 BPSK	3707.1	646171	1	1	0	21.78	22.00
CA_n48B														
Combination 11RB + 51RB (5MHz + 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)
5	pi/2 BPSK	3552.51	636834	1	9	20	pi/2 BPSK	3564.21	636951	1	1	0	21.30	22.00
5	pi/2 BPSK	3697.5	646500	1	9	20	pi/2 BPSK	3709.2	646617	1	1	0	21.77	22.00

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.

CA_n48B														
Combination 11RB + 38RB (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	pi/2 BPSK	3552.51	636834	1	9	15	pi/2 BPSK	3561.81	636927	1	1	0	21.33	22.00
5	pi/2 BPSK	3697.5	646500	1	9	15	pi/2 BPSK	3706.8	646593	1	1	0	21.67	22.00
CA_n48C														
Combination 106RB + 273RB (40MHz + 100MHz)														
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)
40	pi/2 BPSK	3570	638000	1	104	100	pi/2 BPSK	3636.9	638669	1	1	1	21.37	22.00
40	pi/2 BPSK	3679.98	645332	1	104	100	pi/2 BPSK	3746.88	646001	1	1	1	21.87	22.00
CA_n48C														
Combination 106RB + 217RB (40MHz + 80MHz)														
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)
40	pi/2 BPSK	3570	638000	1	104	80	pi/2 BPSK	3627.9	638579	1	1	0	21.45	22.00
40	pi/2 BPSK	3679.98	645332	1	104	80	pi/2 BPSK	3737.88	645911	1	1	0	21.71	22.00
CA_n48C														
Combination 24RB + 273RB (10MHz + 100MHz)														
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	pi/2 BPSK	3555	637000	1	22	100	pi/2 BPSK	3605.4	637504	1	1	0	21.15	22.00
10	pi/2 BPSK	3694.98	646332	1	22	100	pi/2 BPSK	3745.38	646836	1	1	0	21.59	22.00
CA_n66B														
Combination 79RB + 106RB (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	pi/2 BPSK	1717.5	343500	1	77	20	pi/2 BPSK	1734.6	343671	1	1	1	23.06	24.00
15	pi/2 BPSK	1772.5	354500	1	77	20	pi/2 BPSK	1789.6	354671	1	1	1	22.73	24.00
CA_n66B														
Combination 79RB + 79RB (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	pi/2 BPSK	1717.5	343500	1	77	15	pi/2 BPSK	1732.5	343650	1	1	0	23.03	24.00
15	pi/2 BPSK	1772.5	354500	1	77	15	pi/2 BPSK	1787.5	354650	1	1	0	22.80	24.00
CA_n66B														
Combination 25RB + 216RB (5MHz + 40MHz)														
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	pi/2 BPSK	1712.5	342500	1	23	40	pi/2 BPSK	1733.2	342707	1	1	0	23.16	24.00
5	pi/2 BPSK	1777.5	355500	1	23	40	pi/2 BPSK	1798.2	355707	1	1	0	22.75	24.00
CA_n66B														
Combination 25RB + 106RB (5MHz + 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)
5	pi/2 BPSK	1712.5	342500	1	23	20	pi/2 BPSK	1724.2	342617	1	1	0	23.17	24.00
5	pi/2 BPSK	1777.5	355500	1	23	20	pi/2 BPSK	1789.2	355617	1	1	0	22.85	24.00
CA_n71B														
Combination 52RB + 79RB (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	pi/2 BPSK	668	133600	1	49	15	pi/2 BPSK	680	133720	1	1	1	23.22	24.00
10	pi/2 BPSK	693	138600	1	49	15	pi/2 BPSK	705	138720	1	1	1	23.39	24.00
CA_n71B														
Combination 25RB + 106RB (5MHz + 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)
5	pi/2 BPSK	665.5	133100	1	23	20	pi/2 BPSK	677.2	133217	1	1	0	23.30	24.00
5	pi/2 BPSK	695.5	139100	1	23	20	pi/2 BPSK	707.2	139217	1	1	0	23.43	24.00
CA_n77C														
Combination 273RB + 273RB (100MHz + 100MHz)														
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)
100	pi/2 BPSK	3750	650000	1	271	100	pi/2 BPSK	3849.9	650999	1	1	1	23.59	24.00
100	pi/2 BPSK	3930	662000	1	271	100	pi/2 BPSK	4029.9	662999	1	1	1	23.22	24.00

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.

CA_n77C														
Combination 133RB + 273RB (50MHz + 100MHz)														
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)
50	pi/2 BPSK	3725.01	648334	1	131	100	pi/2 BPSK	3797.31	649057	1	1	0	23.59	24.00
50	pi/2 BPSK	3954.99	663666	1	131	100	pi/2 BPSK	4027.29	664389	1	1	0	23.17	24.00
CA_n77C														
Combination 133RB + 162RB (50MHz + 60MHz)														
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)
50	pi/2 BPSK	3725.01	648334	1	131	60	pi/2 BPSK	3779.31	648877	1	1	0	23.54	24.00
50	pi/2 BPSK	3954.99	663666	1	131	60	pi/2 BPSK	4009.29	664209	1	1	0	23.24	24.00

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 FDD NR

MAIN

5G NR n2_15kHz								
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				372000	376000	380000		
20	Pi/2 BPSK	1	1	23.51	23.44	23.38	24.00	0.0
		1	53	23.41	23.26	23.22	24.00	0.0
		1	104	23.30	23.32	23.28	24.00	0.0
		50	0	23.00	22.87	22.86	23.50	0.5
		50	28	23.31	23.34	23.22	24.00	0.0
		50	56	23.02	22.96	22.92	23.50	0.5
		100	0	23.00	22.93	22.89	23.50	0.5
	QPSK	1	1	23.40	23.36	23.19	24.00	0.0
		1	53	23.30	23.29	23.31	24.00	0.0
		1	104	23.42	23.40	23.29	24.00	0.0
		50	0	22.38	22.28	22.22	23.00	1.0
		50	28	23.46	23.38	23.27	24.00	0.0
		50	56	22.39	22.30	22.27	23.00	1.0
		100	0	22.35	22.27	22.22	23.00	1.0
	16-QAM	1	1	22.39	22.31	22.27	23.00	1.0
	64QAM	1	1	20.91	20.88	20.77	21.50	2.5
	256-QAM	1	1	18.91	18.81	18.69	19.50	4.5
5G NR n2_15kHz								
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				371500	376000	380500		
15	Pi/2 BPSK	1	1	23.37	23.29	23.29	24.00	0.0
5G NR n2_15kHz								
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				371000	376000	381000		
10	Pi/2 BPSK	1	1	23.33	23.36	23.27	24.00	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 n2_15kHz								
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				370500	376000	381500		
5	Pi/2 BPSK	1	1	23.30	23.32	23.25	24.00	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)				834	836.5	839		
Channel				166800	167300	167800		
20	Pi/2 BPSK	1	1	23.55	23.60	23.41	24.00	0.0
		1	53	23.38	23.47	23.34	24.00	0.0
		1	104	23.52	23.47	23.30	24.00	0.0
		50	0	23.03	23.07	22.88	23.50	0.5
		50	28	23.45	23.48	23.29	24.00	0.0
		50	56	23.09	23.10	22.88	23.50	0.5
		100	0	22.99	23.14	22.95	23.50	0.5
	QPSK	1	1	23.38	23.42	23.30	24.00	0.0
		1	53	23.42	23.52	23.36	24.00	0.0
		1	104	23.44	23.46	23.20	24.00	0.0
		50	0	22.42	22.54	22.37	23.00	1.0
		50	28	23.51	23.44	23.30	24.00	0.0
		50	56	22.43	22.46	22.30	23.00	1.0
		100	0	22.39	22.43	22.25	23.00	1.0
	16-QAM	1	1	22.43	22.47	22.30	23.00	1.0
	64QAM	1	1	20.96	20.98	20.76	21.50	2.5
	256-QAM	1	1	18.92	18.98	18.80	19.50	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	23.49	23.44	23.27	24.00	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)				829	836.5	844		
Channel				165800	167300	168800		
10	Pi/2 BPSK	1	1	23.41	23.53	23.26	24.00	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)				826.5	836.5	846.5		
Channel				165300	167300	169300		
5	Pi/2 BPSK	1	1	23.43	23.40	23.32	24.00	0.0
5G NR n7_15kHz								
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				502000	507000	512000		
20	Pi/2 BPSK	1	1	23.41	23.78	23.92	24.00	0.0
		1	53	23.33	23.67	23.81	24.00	0.0
		1	104	23.34	23.60	23.85	24.00	0.0
		50	0	22.87	23.34	23.37	23.50	0.5
		50	28	23.24	23.66	23.74	24.00	0.0
		50	56	22.97	23.30	23.39	23.50	0.5
		100	0	22.89	23.28	23.39	23.50	0.5
	QPSK	1	1	23.27	23.61	23.82	24.00	0.0
		1	53	23.25	23.63	23.84	24.00	0.0
		1	104	23.30	23.70	23.77	24.00	0.0
		50	0	22.32	22.65	22.75	23.00	1.0
		50	28	23.27	23.68	23.76	24.00	0.0
		50	56	22.29	22.64	22.81	23.00	1.0
		100	0	22.25	22.61	22.76	23.00	1.0
	16-QAM	1	1	22.29	22.65	22.81	23.00	1.0
	64QAM	1	1	20.83	21.14	21.25	21.50	2.5
	256-QAM	1	1	18.84	19.20	19.29	19.50	4.5

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.

5G NR n7_15kHz								
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				501500	507000	512500		
15	Pi/2 BPSK	1	1	23.35	23.64	23.74	24.00	0.0
5G NR n7_15kHz								
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				501000	507000	513000		
10	Pi/2 BPSK	1	1	23.29	23.71	23.79	24.00	0.0
5G NR n7_15kHz								
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				500500	507000	513500		
5	Pi/2 BPSK	1	1	23.31	23.64	23.87	24.00	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 n12_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				706.5	707.5	708.5		
Channel				141300	141500	141700		
15	Pi/2 BPSK	1	1	23.10	23.03	23.20	24.00	0.0
		1	40	22.96	22.89	23.02	24.00	0.0
		1	77	22.89	22.92	23.10	24.00	0.0
		36	0	22.58	22.46	22.74	23.50	0.5
		36	22	22.97	22.89	23.13	24.00	0.0
		36	43	22.61	22.46	22.68	23.50	0.5
		75	0	22.54	22.58	22.74	23.50	0.5
	QPSK	1	1	22.95	22.90	23.09	24.00	0.0
		1	40	23.06	22.90	23.06	24.00	0.0
		1	77	22.99	22.93	23.01	24.00	0.0
		36	0	22.01	21.96	22.07	23.00	1.0
		36	22	22.93	22.90	23.05	24.00	0.0
		36	43	21.98	21.89	22.09	23.00	1.0
		75	0	21.94	21.86	22.04	23.00	1.0
	16-QAM	1	1	21.98	21.90	22.09	23.00	1.0
	64QAM	1	1	20.45	20.47	20.54	21.50	2.5
	256-QAM	1	1	18.49	18.34	18.57	19.50	4.5
5G NR n12_15kHz								
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				140800	141500	142200		
10	Pi/2 BPSK	1	1	23.06	22.87	23.07	24.00	0.0
5G NR n12_15kHz								
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				140300	141500	142700		
5	Pi/2 BPSK	1	1	22.93	22.91	23.14	24.00	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 n13_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					782			
Channel					156400			
10	Pi/2 BPSK	1	1		23.45		24.00	0.0
		1	26		23.28		24.00	0.0
		1	49		23.28		24.00	0.0
		25	0		22.91		23.50	0.5
		25	13		23.35		24.00	0.0
		25	26		22.95		23.50	0.5
		50	0		22.95		23.50	0.5
	QPSK	1	1		23.27		24.00	0.0
		1	26		23.31		24.00	0.0
		1	49		23.38		24.00	0.0
		25	0		22.31		23.00	1.0
		25	13		23.35		24.00	0.0
		25	26		22.31		23.00	1.0
		50	0		22.28		23.00	1.0
	16-QAM	1	1		22.32		23.00	1.0
	64QAM	1	1		20.81		21.50	2.5
	256-QAM	1	1		18.82		19.50	4.5
5G NR n13_15kHz								
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				155900	156400	156900		
5	Pi/2 BPSK	1	1	23.20	23.27	23.21	24.00	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 n14_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					793			
Channel					158600			
10	Pi/2 BPSK	1	1		23.45		24.00	0.0
		1	26		23.27		24.00	0.0
		1	49		23.36		24.00	0.0
		25	0		22.93		23.50	0.5
		25	13		23.29		24.00	0.0
		25	26		22.94		23.50	0.5
		50	0		22.90		23.50	0.5
	QPSK	1	1		23.30		24.00	0.0
		1	26		23.34		24.00	0.0
		1	49		23.34		24.00	0.0
		25	0		22.35		23.00	1.0
		25	13		23.35		24.00	0.0
		25	26		22.31		23.00	1.0
		50	0		22.28		23.00	1.0
	16-QAM	1	1		22.32		23.00	1.0
	64QAM	1	1		20.77		21.50	2.5
	256-QAM	1	1		18.83		19.50	4.5
5G NR n14_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				790.5	793	795.5		
Channel				158100	158600	159100		
5	Pi/2 BPSK	1	1	23.27	23.36	23.22	24.00	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 n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1882.5	1905		
Channel				372000	376500	381000		
20	Pi/2 BPSK	1	1	23.51	23.42	23.12	24.00	0.0
		1	53	23.38	23.27	23.00	24.00	0.0
		1	104	23.36	23.31	22.98	24.00	0.0
		50	0	22.99	22.89	22.55	23.50	0.5
		50	28	23.40	23.30	23.01	24.00	0.0
		50	56	23.06	22.94	22.59	23.50	0.5
		100	0	23.04	22.98	22.66	23.50	0.5
	QPSK	1	1	23.34	23.33	22.96	24.00	0.0
		1	53	23.34	23.25	23.05	24.00	0.0
		1	104	23.40	23.28	22.95	24.00	0.0
		50	0	22.42	22.24	22.05	23.00	1.0
		50	28	23.45	23.34	23.06	24.00	0.0
		50	56	22.39	22.28	22.01	23.00	1.0
		100	0	22.35	22.25	21.96	23.00	1.0
	16-QAM	1	1	22.39	22.29	22.01	23.00	1.0
	64QAM	1	1	20.85	20.75	20.43	21.50	2.5
	256-QAM	1	1	18.87	18.78	18.47	19.50	4.5
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
Channel				371500	376500	381500		
15	Pi/2 BPSK	1	1	23.38	23.33	22.99	24.00	0.0
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1882.5	1910		
Channel				371000	376500	382000		
10	Pi/2 BPSK	1	1	23.40	23.37	23.00	24.00	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 n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
Channel				370500	376500	382500		
5	Pi/2 BPSK	1	1	23.36	23.29	22.98	24.00	0.0
5G NR n26_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				824	831.5	839		
Channel				164800	166300	167800		
20	Pi/2 BPSK	1	1	23.54	23.37	23.32	24.00	0.0
		1	53	23.44	23.32	23.19	24.00	0.0
		1	104	23.47	23.27	23.20	24.00	0.0
		50	0	23.03	22.89	22.73	23.50	0.5
		50	28	23.43	23.25	23.14	24.00	0.0
		50	56	23.01	22.88	22.80	23.50	0.5
		100	0	22.99	22.85	22.83	23.50	0.5
	QPSK	1	1	23.39	23.31	23.20	24.00	0.0
		1	53	23.40	23.25	23.25	24.00	0.0
		1	104	23.42	23.21	23.18	24.00	0.0
		50	0	22.49	22.17	22.20	23.00	1.0
		50	28	23.45	23.21	23.25	24.00	0.0
		50	56	22.42	22.23	22.21	23.00	1.0
		100	0	22.38	22.20	22.16	23.00	1.0
	16-QAM	1	1	22.42	22.24	22.21	23.00	1.0
	64QAM	1	1	20.88	20.72	20.62	21.50	2.5
	256-QAM	1	1	18.93	18.73	18.74	19.50	4.5
5G NR n26_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				821.5	831.5	841.5		
Channel				164300	166300	168300		
15	Pi/2 BPSK	1	1	23.47	23.32	23.27	24.00	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 n26_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				819	831.5	844		
Channel				163800	166300	168800		
10	Pi/2 BPSK	1	1	23.39	23.24	23.19	24.00	0.0
5G NR n26_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				816.5	831.5	846.5		
Channel				163300	166300	169300		
5	Pi/2 BPSK	1	1	23.44	23.27	23.24	24.00	0.0
5G NR n30_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					2310			
Channel					462000			
10	Pi/2 BPSK	1	1		22.15		23.00	0.0
		1	26		21.95		23.00	0.0
		1	49		22.05		23.00	0.0
		25	0		21.71		22.50	0.5
		25	13		22.01		23.00	0.0
		25	26		21.67		22.50	0.5
		50	0		21.62		22.50	0.5
	QPSK	1	1		21.97		23.00	0.0
		1	26		22.01		23.00	0.0
		1	49		21.98		23.00	0.0
		25	0		21.10		22.00	1.0
		25	13		22.00		23.00	0.0
		25	26		21.01		22.00	1.0
		50	0		20.98		22.00	1.0
	16-QAM	1	1		21.02		22.00	1.0
	64QAM	1	1		19.55		20.50	2.5
	256-QAM	1	1		17.58		18.50	4.5

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

5G NR n30_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2307.5	2310	2312.5		
Channel				461500	462000	462500		
5	Pi/2 BPSK	1	1	21.87	22.11	21.88	23.00	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	23.24	23.21	23.03	24.00	0.0
		1	53	23.09	23.13	22.93	24.00	0.0
		1	104	23.11	23.11	22.91	24.00	0.0
		50	0	22.65	22.66	22.52	23.50	0.5
		50	28	23.11	23.15	22.99	24.00	0.0
		50	56	22.73	22.75	22.54	23.50	0.5
		100	0	22.71	22.67	22.53	23.50	0.5
	QPSK	1	1	23.14	23.08	22.93	24.00	0.0
		1	53	23.13	23.08	22.92	24.00	0.0
		1	104	23.08	23.07	22.85	24.00	0.0
		50	0	22.08	22.12	21.97	23.00	1.0
		50	28	23.11	23.13	22.96	24.00	0.0
		50	56	22.12	22.07	21.92	23.00	1.0
		100	0	22.08	22.04	21.87	23.00	1.0
	16-QAM	1	1	22.12	22.08	21.92	23.00	1.0
	64QAM	1	1	20.69	20.66	20.47	21.50	2.5
	256-QAM	1	1	18.54	18.62	18.37	19.50	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)				1717.5	1745	1772.5		
Channel				343500	349000	354500		
15	Pi/2 BPSK	1	1	23.19	23.15	22.88	24.00	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)				1715	1745	1775		
Channel				343000	349000	355000		
10	Pi/2 BPSK	1	1	23.06	23.09	22.93	24.00	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)				1712.5	1745	1777.5		
Channel				342500	349000	355500		
5	Pi/2 BPSK	1	1	23.17	23.08	22.91	24.00	0.0
5G NR n70_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					1702.5			
Channel					340500			
15	Pi/2 BPSK	1	1		23.94		24.00	0.0
		1	40		23.87		24.00	0.0
		1	77		23.80		24.00	0.0
		36	0		23.47		23.50	0.5
		36	22		23.82		24.00	0.0
		36	43		23.48		23.50	0.5
		75	0		23.46		23.50	0.5
	QPSK	1	1		23.84		24.00	0.0
		1	40		23.80		24.00	0.0
		1	77		23.85		24.00	0.0
		36	0		22.90		23.00	1.0
		36	22		23.87		24.00	0.0
		36	43		22.80		23.00	1.0
		75	0		22.77		23.00	1.0
	16-QAM	1	1		22.81		23.00	1.0
	64QAM	1	1		21.30		21.50	2.5
	256-QAM	1	1		19.30		19.50	4.5

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

5G NR n70_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1700	1702.5	1705		
Channel				340000	340500	341000		
10	Pi/2 BPSK	1	1	23.40	23.79	23.62	24.00	0.0
5G NR n70_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
Channel				339500	340500	341500		
5	Pi/2 BPSK	1	1	23.40	23.77	23.48	24.00	0.0
5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				673	680.5	688		
Channel				134600	136100	137600		
20	Pi/2 BPSK	1	1	23.40	23.45	23.60	24.00	0.0
		1	53	23.35	23.37	23.47	24.00	0.0
		1	104	23.25	23.28	23.39	24.00	0.0
		50	0	22.89	22.92	23.02	23.50	0.5
		50	28	23.29	23.39	23.44	24.00	0.0
		50	56	22.86	22.98	23.16	23.50	0.5
		100	0	22.92	22.97	23.07	23.50	0.5
	QPSK	1	1	23.30	23.37	23.49	24.00	0.0
		1	53	23.32	23.34	23.44	24.00	0.0
		1	104	23.21	23.37	23.41	24.00	0.0
		50	0	22.21	22.31	22.56	23.00	1.0
		50	28	23.30	23.25	23.56	24.00	0.0
		50	56	22.28	22.31	22.49	23.00	1.0
		100	0	22.24	22.28	22.44	23.00	1.0
	16-QAM	1	1	22.28	22.32	22.49	23.00	1.0
	64QAM	1	1	20.78	20.79	20.97	21.50	2.5
	256-QAM	1	1	18.80	18.80	18.94	19.50	4.5

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.

5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				670.5	680.5	690.5		
Channel				134100	136100	138100		
15	Pi/2 BPSK	1	1	23.28	23.31	23.46	24.00	0.0
5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				668	680.5	693		
Channel				133600	136100	138600		
10	Pi/2 BPSK	1	1	23.37	23.32	23.45	24.00	0.0
5G NR n71_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				665.5	680.5	695.5		
Channel				133100	136100	139100		
5	Pi/2 BPSK	1	1	23.31	23.33	23.44	24.00	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

AUX 2

5G NR n2_15kHz								
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				372000	376000	380000		
20	Pi/2 BPSK	1	1	23.51	23.34	23.36	24.00	0.0
		1	53	23.33	23.27	23.25	24.00	0.0
		1	104	23.37	23.23	23.18	24.00	0.0
		50	0	22.97	22.80	22.78	23.50	0.5
		50	28	23.40	23.26	23.19	24.00	0.0
		50	56	22.98	22.81	22.85	23.50	0.5
		100	0	22.98	22.83	22.83	23.50	0.5
	QPSK	1	1	23.39	23.20	23.30	24.00	0.0
		1	53	23.40	23.26	23.26	24.00	0.0
		1	104	23.41	23.17	23.23	24.00	0.0
		50	0	22.41	22.24	22.24	23.00	1.0
		50	28	23.42	23.22	23.30	24.00	0.0
		50	56	22.39	22.20	22.25	23.00	1.0
		100	0	22.35	22.17	22.20	23.00	1.0
	16-QAM	1	1	22.39	22.21	22.25	23.00	1.0
	64QAM	1	1	20.88	20.70	20.76	21.50	2.5
	256-QAM	1	1	18.92	18.70	18.79	19.50	4.5
5G NR n2_15kHz								
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				371500	376000	380500		
15	Pi/2 BPSK	1	1	23.42	23.22	23.28	24.00	0.0
5G NR n2_15kHz								
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				371000	376000	381000		
10	Pi/2 BPSK	1	1	23.39	23.18	23.20	24.00	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 n2_15kHz								
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				370500	376000	381500		
5	Pi/2 BPSK	1	1	23.37	23.25	23.27	24.00	0.0
5G NR n7_15kHz								
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				502000	507000	512000		
20	Pi/2 BPSK	1	1	23.42	23.67	23.53	24.00	0.0
		1	53	23.26	23.52	23.45	24.00	0.0
		1	104	23.28	23.58	23.45	24.00	0.0
		50	0	22.91	23.11	23.02	23.50	0.5
		50	28	23.38	23.55	23.33	24.00	0.0
		50	56	22.90	23.15	22.93	23.50	0.5
		100	0	22.95	23.11	23.04	23.50	0.5
	QPSK	1	1	23.31	23.62	23.35	24.00	0.0
		1	53	23.26	23.48	23.43	24.00	0.0
		1	104	23.26	23.59	23.33	24.00	0.0
		50	0	22.25	22.55	22.35	23.00	1.0
		50	28	23.30	23.64	23.34	24.00	0.0
		50	56	22.30	22.53	22.42	23.00	1.0
		100	0	22.26	22.50	22.37	23.00	1.0
	16-QAM	1	1	22.30	22.54	22.42	23.00	1.0
	64QAM	1	1	20.78	21.03	20.88	21.50	2.5
	256-QAM	1	1	18.78	19.14	18.95	19.50	4.5
5G NR n7_15kHz								
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				501500	507000	512500		
15	Pi/2 BPSK	1	1	23.31	23.60	23.38	24.00	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 n7_15kHz								
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				501000	507000	513000		
10	Pi/2 BPSK	1	1	23.25	23.59	23.38	24.00	0.0
5G NR n7_15kHz								
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				500500	507000	513500		
5	Pi/2 BPSK	1	1	23.29	23.55	23.46	24.00	0.0
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1860	1882.5	1905		
Channel				372000	376500	381000		
20	Pi/2 BPSK	1	1	23.16	23.42	23.30	24.00	0.0
		1	53	23.10	23.29	23.22	24.00	0.0
		1	104	23.07	23.31	23.16	24.00	0.0
		50	0	22.66	22.87	22.77	23.50	0.5
		50	28	23.02	23.31	23.19	24.00	0.0
		50	56	22.72	22.84	22.82	23.50	0.5
		100	0	22.56	22.93	22.81	23.50	0.5
	QPSK	1	1	23.06	23.27	23.16	24.00	0.0
		1	53	23.09	23.29	23.16	24.00	0.0
		1	104	23.05	23.31	23.18	24.00	0.0
		50	0	22.10	22.28	22.19	23.00	1.0
		50	28	23.10	23.31	23.21	24.00	0.0
		50	56	22.04	22.28	22.19	23.00	1.0
		100	0	22.00	22.25	22.14	23.00	1.0
	16-QAM	1	1	22.04	22.29	22.19	23.00	1.0
	64QAM	1	1	20.55	20.84	20.73	21.50	2.5
	256-QAM	1	1	18.54	18.81	18.65	19.50	4.5

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

5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1857.5	1882.5	1907.5		
Channel				371500	376500	381500		
15	Pi/2 BPSK	1	1	23.02	23.25	23.16	24.00	0.0
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1855	1882.5	1910		
Channel				371000	376500	382000		
10	Pi/2 BPSK	1	1	22.99	23.25	23.18	24.00	0.0
5G NR n25_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1852.5	1882.5	1912.5		
Channel				370500	376500	382500		
5	Pi/2 BPSK	1	1	23.04	23.36	23.19	24.00	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 n30_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					2310			
Channel					462000			
10	Pi/2 BPSK	1	1		22.37		23.00	0.0
		1	26		22.25		23.00	0.0
		1	49		22.26		23.00	0.0
		25	0		21.88		22.50	0.5
		25	13		22.23		23.00	0.0
		25	26		21.87		22.50	0.5
		50	0		21.91		22.50	0.5
	QPSK	1	1		22.26		23.00	0.0
		1	26		22.25		23.00	0.0
		1	49		22.29		23.00	0.0
		25	0		21.31		22.00	1.0
		25	13		22.20		23.00	0.0
		25	26		21.23		22.00	1.0
		50	0		21.20		22.00	1.0
	16-QAM	1	1		21.24		22.00	1.0
	64QAM	1	1		19.79		20.50	2.5
	256-QAM	1	1		17.76		18.50	4.5
5G NR n30_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2307.5	2310	2312.5		
Channel				461500	462000	462500		
5	Pi/2 BPSK	1	1	22.08	22.28	22.01	23.00	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)				1720	1745	1770		
Channel				344000	349000	354000		
20	Pi/2 BPSK	1	1	23.41	23.48	23.15	24.00	0.0
		1	53	23.31	23.40	23.03	24.00	0.0
		1	104	23.28	23.32	23.02	24.00	0.0
		50	0	22.87	23.01	22.70	23.50	0.5
		50	28	23.37	23.37	23.05	24.00	0.0
		50	56	22.85	23.03	22.59	23.50	0.5
		100	0	22.88	23.04	22.66	23.50	0.5
	QPSK	1	1	23.33	23.40	22.97	24.00	0.0
		1	53	23.32	23.40	23.03	24.00	0.0
		1	104	23.33	23.35	23.05	24.00	0.0
		50	0	22.35	22.34	22.10	23.00	1.0
		50	28	23.36	23.32	23.00	24.00	0.0
		50	56	22.29	22.34	22.04	23.00	1.0
		100	0	22.25	22.31	21.99	23.00	1.0
	16-QAM	1	1	22.29	22.35	22.04	23.00	1.0
	64QAM	1	1	20.80	20.86	20.46	21.50	2.5
	256-QAM	1	1	18.76	18.83	18.53	19.50	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)				1717.5	1745	1772.5		
Channel				343500	349000	354500		
15	Pi/2 BPSK	1	1	23.27	23.33	23.01	24.00	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	23.26	23.32	23.12	24.00	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	23.30	23.41	23.09	24.00	0.0
5G NR n70_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					1702.5			
Channel					340500			
15	Pi/2 BPSK	1	1		23.91		24.00	0.0
		1	40		23.81		24.00	0.0
		1	77		23.78		24.00	0.0
		36	0		23.45		23.50	0.5
		36	22		23.73		24.00	0.0
		36	43		23.44		23.50	0.5
		75	0		23.38		23.50	0.5
	QPSK	1	1		23.77		24.00	0.0
		1	40		23.87		24.00	0.0
		1	77		23.76		24.00	0.0
		36	0		22.82		23.00	1.0
		36	22		23.79		24.00	0.0
		36	43		22.77		23.00	1.0
		75	0		22.74		23.00	1.0
	16-QAM	1	1		22.78		23.00	1.0
	64QAM	1	1		21.35		21.50	2.5
	256-QAM	1	1		19.28		19.50	4.5
5G NR n70_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1700	1702.5	1705		
Channel				340000	340500	341000		
10	Pi/2 BPSK	1	1	23.54	23.78	23.43	24.00	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 n70_15kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				1697.5	1702.5	1707.5		
Channel				339500	340500	341500		
5	Pi/2 BPSK	1	1	23.44	23.86	23.49	24.00	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 TDD NR

MAIN

5G NR n38_30kHz								
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				516000	519000	522000		
20	Pi/2 BPSK	1	1	23.51	23.45	23.50	24.00	0.0
		1	26	23.35	23.32	23.40	24.00	0.0
		1	49	23.36	23.31	23.34	24.00	0.0
		25	0	22.98	23.02	23.00	23.50	0.5
		25	13	23.40	23.38	23.39	24.00	0.0
		25	26	22.95	22.85	22.98	23.50	0.5
		50	0	23.03	22.88	22.98	23.50	0.5
	QPSK	1	1	23.39	23.34	23.29	24.00	0.0
		1	26	23.39	23.34	23.41	24.00	0.0
		1	49	23.44	23.32	23.35	24.00	0.0
		25	0	22.35	22.32	22.38	23.00	1.0
		25	13	23.32	23.33	23.33	24.00	0.0
		25	26	22.39	22.31	22.39	23.00	1.0
		50	0	22.35	22.28	22.34	23.00	1.0
	16-QAM	1	1	22.39	22.32	22.39	23.00	1.0
	64QAM	1	1	20.88	20.82	20.83	21.50	2.5
	256-QAM	1	1	18.96	18.83	18.84	19.50	4.5
5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2577.51	2595	2612.49		
Channel				515502	519000	522498		
15	Pi/2 BPSK	1	1	23.37	23.42	23.40	24.00	0.0
5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2575.02	2595	2614.98		
Channel				515004	519000	522996		
10	Pi/2 BPSK	1	1	23.36	23.29	23.38	24.00	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_PC3_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	23.53	23.82	23.41	24.00	0.0
		1	137	23.38	23.69	23.26	24.00	0.0
		1	271	23.41	23.71	23.29	24.00	0.0
		135	0	23.07	23.27	22.97	23.50	0.5
		135	69	23.45	23.71	23.30	24.00	0.0
		135	138	22.97	23.33	22.89	23.50	0.5
		270	0	23.03	23.34	22.88	23.50	0.5
	QPSK	1	1	23.44	23.75	23.28	24.00	0.0
		1	137	23.44	23.73	23.28	24.00	0.0
		1	271	23.40	23.66	23.31	24.00	0.0
		135	0	22.46	22.68	22.38	23.00	1.0
		135	69	23.34	23.70	23.20	24.00	0.0
		135	138	22.41	22.68	22.30	23.00	1.0
		270	0	22.37	22.65	22.25	23.00	1.0
	16-QAM	1	1	22.41	22.69	22.30	23.00	1.0
	64QAM	1	1	20.97	21.18	20.75	21.50	2.5
	256-QAM	1	1	18.87	19.16	18.73	19.50	4.5
5G NR n41_PC3_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	23.44	23.75	23.33	24.00	0.0
5G NR n41_PC3_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	23.42	23.69	23.24	24.00	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_PC3_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	23.35	23.72	23.28	24.00	0.0
5G NR n41_PC3_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	23.37	23.75	23.26	24.00	0.0
5G NR n41_PC3_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	23.39	23.66	23.32	24.00	0.0
5G NR n41_PC3_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	23.34	23.66	23.35	24.00	0.0
5G NR n41_PC3_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	23.40	23.69	23.31	24.00	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_PC3_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	23.48	23.70	23.26	24.00	0.0
5G NR n41_PC3_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	23.41	23.64	23.32	24.00	0.0
5G NR n41_PC3_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	23.40	23.68	23.21	24.00	0.0
5G NR n41_PC3_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	23.34	23.66	23.36	24.00	0.0
5G NR n41_PC3_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	Pi/2 BPSK	1	1	23.40	23.68	23.32	24.00	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_PC3_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	Pi/2 BPSK	1	1	23.35	23.67	23.33	24.00	0.0
5G NR n41_PC2_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	26.23	26.72	26.51	27.00	0.0
		1	137	26.16	26.58	26.35	27.00	0.0
		1	271	26.12	26.62	26.39	27.00	0.0
		135	0	25.70	26.16	25.92	26.50	0.5
		135	69	26.11	26.64	26.43	27.00	0.0
		135	138	25.76	26.24	26.00	26.50	0.5
		270	0	25.64	26.20	25.94	26.50	0.5
	QPSK	1	1	26.12	26.62	26.41	27.00	0.0
		1	137	26.04	26.59	26.41	27.00	0.0
		1	271	26.12	26.60	26.42	27.00	0.0
		135	0	25.10	25.54	25.39	26.00	1.0
		135	69	26.06	26.60	26.44	27.00	0.0
		135	138	25.11	25.58	25.40	26.00	1.0
		270	0	25.07	25.55	25.35	26.00	1.0
	16-QAM	1	1	25.11	25.59	25.40	26.00	1.0
	64QAM	1	1	23.65	24.10	23.89	24.50	2.5
	256-QAM	1	1	21.60	22.12	21.90	22.50	4.5
5G NR n41_PC2_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	26.11	26.66	26.40	27.00	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_PC2_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	26.18	26.61	26.37	27.00	0.0
5G NR n41_PC2_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	26.18	26.61	26.40	27.00	0.0
5G NR n41_PC2_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	23.60	23.32	23.86	24.00	0.0
5G NR n41_PC2_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	23.59	23.38	23.83	24.00	0.0
5G NR n41_PC2_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	23.73	23.34	24.00	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_PC2_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	23.68	23.33	23.94	24.00	0.0
5G NR n41_PC2_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	23.64	23.34	23.87	24.00	0.0
5G NR n41_PC2_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	23.63	23.37	23.89	24.00	0.0
5G NR n41_PC2_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	23.61	23.29	23.91	24.00	0.0
5G NR n41_PC2_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	23.64	23.31	23.88	24.00	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_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	Pi/2 BPSK	1	1	23.59	23.36	23.86	24.00	0.0
5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	Pi/2 BPSK	1	1	23.56	23.40	23.92	24.00	0.0
5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3570	3625.02	3679.98		
Channel				638000	641668	645332		
40	Pi/2 BPSK	1	1	21.45	21.76	21.88	22.00	0.0
		1	53	21.32	21.64	21.82	22.00	0.0
		1	104	21.33	21.64	21.83	22.00	0.0
		50	0	20.97	21.22	21.28	21.50	0.5
		50	28	21.33	21.64	21.77	22.00	0.0
		50	56	21.01	21.25	21.32	21.50	0.5
		100	0	20.97	21.17	21.34	21.50	0.5
	QPSK	1	1	21.39	21.71	21.80	22.00	0.0
		1	53	21.25	21.61	21.79	22.00	0.0
		1	104	21.26	21.69	21.71	22.00	0.0
		50	0	20.41	20.63	20.72	21.00	1.0
		50	28	21.28	21.60	21.69	22.00	0.0
		50	56	20.33	20.62	20.77	21.00	1.0
		100	0	20.29	20.59	20.72	21.00	1.0
	16-QAM	1	1	20.33	20.63	20.77	21.00	1.0
	64QAM	1	1	18.76	19.09	19.24	19.50	2.5
	256-QAM	1	1	16.85	17.14	17.25	17.50	4.5

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

5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3565.02	3625.02	3684.99		
Channel				637668	641668	645666		
30	Pi/2 BPSK	1	1	21.40	21.66	21.74	22.00	0.0
5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3560.01	3625.02	3690		
Channel				637334	641668	646000		
20	Pi/2 BPSK	1	1	21.36	21.65	21.78	22.00	0.0
5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3557.52	3625.02	3692.49		
Channel				637168	641668	646166		
15	Pi/2 BPSK	1	1	21.41	21.60	21.77	22.00	0.0
5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3555	3625.02	3694.98		
Channel				637000	641668	646332		
10	Pi/2 BPSK	1	1	21.34	21.63	21.71	22.00	0.0
5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3552.51	3625.02	3697.5		
Channel				636834	641668	646500		
5	Pi/2 BPSK	1	1	21.36	21.67	21.84	22.00	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 n77_PC3_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3795	3840	3885	3930	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				650000	653000	656000	659000	662000		
100	Pi/2 BPSK	1	1	23.78	23.82	23.54	23.56	23.42	24.00	0.0
		1	137	23.71	23.65	23.36	23.43	23.30	24.00	0.0
		1	271	23.66	23.70	23.47	23.47	23.39	24.00	0.0
		135	0	23.28	23.31	23.01	23.05	22.85	23.50	0.5
		135	69	23.68	23.73	23.40	23.45	23.29	24.00	0.0
		135	138	23.18	23.22	23.04	23.03	22.90	23.50	0.5
		270	0	23.24	23.37	23.06	23.11	22.87	23.50	0.5
	QPSK	1	1	23.72	23.65	23.44	23.47	23.24	24.00	0.0
		1	137	23.66	23.65	23.40	23.38	23.33	24.00	0.0
		1	271	23.61	23.78	23.41	23.37	23.32	24.00	0.0
		135	0	22.62	22.68	22.43	22.49	22.28	23.00	1.0
		135	69	23.73	23.68	23.47	23.44	23.31	24.00	0.0
		135	138	22.66	22.68	22.43	22.44	22.28	23.00	1.0
		270	0	22.62	22.65	22.38	22.40	22.25	23.00	1.0
	16-QAM	1	1	22.66	22.69	22.43	22.44	22.29	23.00	1.0
	64QAM	1	1	21.14	21.19	20.88	20.88	20.80	21.50	2.5
	256-QAM	1	1	19.11	19.17	18.91	18.96	18.86	19.50	4.5
5G NR n77_PC3_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3792.51	3840	3887.49	3935.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				649666	652834	656000	659166	662334		
90	Pi/2 BPSK	1	1	23.69	23.79	23.43	23.35	23.32	24.00	0.0
5G NR n77_PC3_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3789.99	3840	3890.01	3939.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				649334	652666	656000	659334	662666		
80	Pi/2 BPSK	1	1	23.72	23.76	23.44	23.43	23.27	24.00	0.0
5G NR n77_PC3_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3785.01	3840	3894.99	3950.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648666	652334	656000	659666	663334		
60	Pi/2 BPSK	1	1	23.63	23.64	23.42	23.45	23.33	24.00	0.0
5G NR n77_PC3_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3782.49	3840	3897.51	3954.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648334	652166	656000	659834	663666		
50	Pi/2 BPSK	1	1	23.64	23.66	23.40	23.40	23.31	24.00	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.

5G NR n77_PC3_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3780	3840	3900	3960	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648000	652000	656000	660000	664000		
40	Pi/2 BPSK	1	1	23.64	23.72	23.42	23.35	23.33	24.00	0.0
5G NR n77_PC3_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3774.99	3840	3903.99	3969.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647334	651666	656000	660266	664666		
20	Pi/2 BPSK	1	1	23.65	23.63	23.45	23.41	23.28	24.00	0.0
5G NR n77_PC3_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3773.76	3840	3906.255	3972.495	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647167	651584	656000	660417	664833		
15	Pi/2 BPSK	1	1	22.97	22.89	23.40	22.92	23.12	24.00	0.0
5G NR n77_PC3_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3772.5	3840	3907.5	3975	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647000	651500	656000	660500	665000		
10	Pi/2 BPSK	1	1	22.88	23.00	23.44	22.67	23.04	24.00	0.0
5G NR n77_PC2_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3795	3840	3885	3930	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				650000	653000	656000	659000	662000		
100	Pi/2 BPSK	1	1	26.82	26.51	26.66	26.72	26.54	27.00	0.0
		1	137	26.79	26.42	26.50	26.58	26.36	27.00	0.0
		1	271	26.71	26.39	26.56	26.60	26.43	27.00	0.0
		135	0	26.29	26.00	26.13	26.20	26.95	26.50	0.5
		135	69	26.64	26.39	26.48	26.58	26.42	27.00	0.0
		135	138	26.29	25.99	26.18	26.15	26.05	26.50	0.5
		270	0	26.33	26.06	26.15	26.15	26.00	26.50	0.5
	QPSK	1	1	26.73	26.40	26.56	26.66	26.48	27.00	0.0
		1	137	26.72	26.39	26.51	26.60	26.40	27.00	0.0
		1	271	26.71	26.36	26.48	26.69	26.37	27.00	0.0
		135	0	25.68	25.44	25.46	25.58	25.45	26.00	1.0
		135	69	26.63	26.33	26.54	26.62	26.43	27.00	0.0
		135	138	25.70	25.37	25.55	25.60	25.40	26.00	1.0
		270	0	25.66	25.34	25.50	25.56	25.37	26.00	1.0
	16-QAM	1	1	25.70	25.38	25.55	25.60	25.41	26.00	1.0
	64QAM	1	1	24.15	23.91	24.00	24.05	23.95	24.50	2.5
	256-QAM	1	1	22.15	21.90	22.04	22.13	21.92	22.50	4.5

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.

5G NR n77_PC2_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3792.51	3840	3887.49	3935.01		
Channel				649666	652834	656000	659166	662334		
90	Pi/2 BPSK	1	1	26.71	26.43	26.52	26.64	26.41	27.00	0.0
5G NR n77_PC2_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3789.99	3840	3890.01	3939.99		
Channel				649334	652666	656000	659334	662666		
80	Pi/2 BPSK	1	1	26.67	26.42	26.59	26.65	26.37	27.00	0.0
5G NR n77_PC2_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3785.01	3840	3894.99	3950.01		
Channel				648666	652334	656000	659666	663334		
60	Pi/2 BPSK	1	1	26.62	26.34	26.54	26.54	26.41	27.00	0.0
5G NR n77_PC2_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3782.49	3840	3897.51	3954.99		
Channel				648334	652166	656000	659834	663666		
50	Pi/2 BPSK	1	1	26.68	26.44	26.54	26.64	26.37	27.00	0.0
5G NR n77_PC2_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3780	3840	3900	3960		
Channel				648000	652000	656000	660000	664000		
40	Pi/2 BPSK	1	1	26.67	26.34	26.57	26.59	26.38	27.00	0.0
5G NR n77_PC2_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3774.99	3840	3903.99	3969.99		
Channel				647334	651666	656000	660266	664666		
20	Pi/2 BPSK	1	1	26.64	26.41	26.58	26.62	26.38	27.00	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 n77_PC2_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3773.76	3840	3906.255	3972.495	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647167	651584	656000	660417	664833		
15	Pi/2 BPSK	1	1	26.31	26.11	26.54	25.98	26.12	27.00	0.0
5G NR n77_PC2_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3772.5	3840	3907.5	3975	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647000	651500	656000	660500	665000		
10	Pi/2 BPSK	1	1	26.14	26.12	26.50	25.85	26.02	27.00	0.0
5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3500.01	3537.51	3575.01	3612.51	3650.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				633334	635834	638334	640834	643334		
100	Pi/2 BPSK	1	1	21.58	21.44	21.37	21.63	21.89	22.00	0.0
		1	137	21.45	21.33	21.25	21.55	21.84	22.00	0.0
		1	271	21.50	21.38	21.22	21.54	21.77	22.00	0.0
		135	0	21.09	20.95	20.89	21.10	21.42	21.50	0.5
		135	69	21.49	21.35	21.21	21.55	21.81	22.00	0.0
		135	138	21.05	21.00	20.87	21.09	21.33	21.50	0.5
		270	0	21.09	20.94	20.82	21.13	21.36	21.50	0.5
	QPSK	1	1	21.47	21.37	21.23	21.59	21.78	22.00	0.0
		1	137	21.47	21.33	21.26	21.53	21.85	22.00	0.0
		1	271	21.54	21.34	21.25	21.53	21.78	22.00	0.0
		135	0	20.44	20.24	20.20	20.58	20.85	21.00	1.0
		135	69	21.44	21.33	21.27	21.47	21.73	22.00	0.0
		135	138	20.46	20.30	20.26	20.51	20.75	21.00	1.0
		270	0	20.42	20.27	20.21	20.47	20.72	21.00	1.0
	16-QAM	1	1	20.46	20.31	20.26	20.51	20.76	21.00	1.0
	64QAM	1	1	19.01	18.89	18.71	18.98	19.25	19.50	2.5
	256-QAM	1	1	17.03	16.82	16.78	17.00	17.34	17.50	4.5
5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3535.005	3575.01	3615.015	3655.02	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				633000	635667	638334	641001	643668		
90	Pi/2 BPSK	1	1	21.38	21.37	21.23	21.47	21.74	22.00	0.0
5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.02	3532.515	3575.01	3617.505	3660	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				632668	635501	638334	641167	644000		
80	Pi/2 BPSK	1	1	21.50	21.34	21.26	21.52	21.78	22.00	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.

5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3527.505	3575.01	3622.515	3670.02		
Channel				632000	635167	638334	641501	644668		
60	Pi/2 BPSK	1	1	21.52	21.30	21.24	21.44	21.70	22.00	0.0
5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.02	3525.015	3575.01	3625.005	3675		
Channel				631668	635001	638334	641667	645000		
50	Pi/2 BPSK	1	1	21.44	21.31	21.26	21.50	21.84	22.00	0.0
5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3522.51	3575.01	3627.51	3680.01		
Channel				631334	634834	638334	641834	645334		
40	Pi/2 BPSK	1	1	21.41	21.27	21.26	21.53	21.81	22.00	0.0
5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.02	3517.515	3575.01	3632.505	3690		
Channel				630668	634501	638334	642167	646000		
20	Pi/2 BPSK	1	1	21.47	21.37	21.23	21.58	21.73	22.00	0.0
5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3516.255	3575.01	3633.765	3692.52		
Channel				630500	634417	638334	642251	646168		
15	Pi/2 BPSK	1	1	21.47	21.33	21.29	21.54	21.81	22.00	0.0
5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3515.01	3575.01	3635.01	3695.01		
Channel				630334	634334	638334	642334	646334		
10	Pi/2 BPSK	1	1	21.46	21.35	21.23	21.54	21.75	22.00	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 n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	Pi/2 BPSK	1	1		23.83		24.00	0.0
		1	137		23.68		24.00	0.0
		1	271		23.67		24.00	0.0
		135	0		23.36		23.50	0.5
		135	69		23.70		24.00	0.0
		135	138		23.35		23.50	0.5
		270	0		23.28		23.50	0.5
	QPSK	1	1		23.79		24.00	0.0
		1	137		23.72		24.00	0.0
		1	271		23.73		24.00	0.0
		135	0		22.62		23.00	1.0
		135	69		23.69		24.00	0.0
		135	138		22.71		23.00	1.0
		270	0		22.67		23.00	1.0
	16-QAM	1	1		22.71		23.00	1.0
	64QAM	1	1		21.19		21.50	2.5
	256-QAM	1	1		19.26		19.50	4.5
5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3750	3755.01		
Channel				649666	645000	650334		
90	Pi/2 BPSK	1	1	23.42	23.74	23.51	24.00	0.0
5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	Pi/2 BPSK	1	1	23.37	23.73	23.47	24.00	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 n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3750	3770.01		
Channel				648666	645000	651334		
60	Pi/2 BPSK	1	1	23.33	23.69	23.46	24.00	0.0
5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	Pi/2 BPSK	1	1	23.44	23.67	23.48	24.00	0.0
5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	645000	652000		
40	Pi/2 BPSK	1	1	23.35	23.68	23.38	24.00	0.0
5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	645000	652666		
20	Pi/2 BPSK	1	1	23.37	23.58	23.43	24.00	0.0
5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.49	3750	3792.51		
Channel				647166	645000	652834		
15	Pi/2 BPSK	1	1	23.38	23.65	23.43	24.00	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 n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	645000	653000		
10	Pi/2 BPSK	1	1	23.39	23.61	23.52	24.00	0.0
5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	Pi/2 BPSK	1	1		26.77		27.00	0.0
		1	137		26.60		27.00	0.0
		1	271		26.69		27.00	0.0
		135	0		26.19		26.50	0.5
		135	69		26.63		27.00	0.0
		135	138		26.25		26.50	0.5
		270	0		26.21		26.50	0.5
	QPSK	1	1		26.64		27.00	0.0
		1	137		26.60		27.00	0.0
		1	271		26.67		27.00	0.0
		135	0		25.62		26.00	1.0
		135	69		26.67		27.00	0.0
		135	138		25.65		26.00	1.0
		270	0		25.61		26.00	1.0
	16-QAM	1	1		25.65		26.00	1.0
	64QAM	1	1		24.17		24.50	2.5
	256-QAM	1	1		22.18		22.50	4.5
5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3750	3755.01		
Channel				649666	650000	650334		
90	Pi/2 BPSK	1	1	26.65	26.44	26.30	27.00	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 n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	Pi/2 BPSK	1	1	26.62	26.39	26.23	27.00	0.0
5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3750	3770.01		
Channel				648666	650000	651334		
60	Pi/2 BPSK	1	1	26.67	26.41	26.32	27.00	0.0
5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	Pi/2 BPSK	1	1	26.57	26.45	26.31	27.00	0.0
5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	650000	652000		
40	Pi/2 BPSK	1	1	26.61	26.43	26.32	27.00	0.0
5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	Pi/2 BPSK	1	1	26.57	26.44	26.32	27.00	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 n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.49	3750	3792.51		
Channel				647166	645000	652834		
15	Pi/2 BPSK	1	1	26.64	26.51	26.23	27.00	0.0
5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	650000	653000		
10	Pi/2 BPSK	1	1	26.58	26.48	26.28	27.00	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.

AUX 2

5G NR n38_30kHz								
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				516000	519000	522000		
20	Pi/2 BPSK	1	1	23.82	23.77	23.53	24.00	0.0
		1	26	23.70	23.68	23.38	24.00	0.0
		1	49	23.72	23.59	23.40	24.00	0.0
		25	0	23.30	23.24	23.03	23.50	0.5
		25	13	23.68	23.61	23.39	24.00	0.0
		25	26	23.29	23.24	22.93	23.50	0.5
		50	0	23.37	23.25	23.03	23.50	0.5
	QPSK	1	1	23.68	23.66	23.42	24.00	0.0
		1	26	23.70	23.62	23.41	24.00	0.0
		1	49	23.64	23.63	23.43	24.00	0.0
		25	0	22.68	22.71	22.43	23.00	1.0
		25	13	23.69	23.68	23.38	24.00	0.0
		25	26	22.70	22.63	22.42	23.00	1.0
		50	0	22.66	22.60	22.37	23.00	1.0
	16-QAM	1	1	22.70	22.64	22.42	23.00	1.0
	64QAM	1	1	21.15	21.19	20.88	21.50	2.5
	256-QAM	1	1	19.22	19.10	18.88	19.50	4.5
5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2577.51	2595	2612.49		
Channel				515502	519000	522498		
15	Pi/2 BPSK	1	1	23.64	23.68	23.42	24.00	0.0
5G NR n38_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2575.02	2595	2614.98		
Channel				515004	519000	522996		
10	Pi/2 BPSK	1	1	23.63	23.73	23.42	24.00	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.

5G NR n41_PC3_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	23.68	23.89	23.92	24.00	0.0
		1	137	23.53	23.76	23.82	24.00	0.0
		1	271	23.49	23.69	23.77	24.00	0.0
		135	0	23.21	23.32	23.47	23.50	0.5
		135	69	23.60	23.79	23.80	24.00	0.0
		135	138	23.11	23.37	23.38	23.50	0.5
		270	0	23.13	23.34	23.37	23.50	0.5
	QPSK	1	1	23.55	23.77	23.79	24.00	0.0
		1	137	23.52	23.78	23.74	24.00	0.0
		1	271	23.63	23.78	23.73	24.00	0.0
		135	0	22.59	22.77	22.75	23.00	1.0
		135	69	23.48	23.75	23.83	24.00	0.0
		135	138	22.56	22.75	22.81	23.00	1.0
		270	0	22.52	22.72	22.76	23.00	1.0
	16-QAM	1	1	22.56	22.76	22.81	23.00	1.0
	64QAM	1	1	21.11	21.25	21.32	21.50	2.5
	256-QAM	1	1	19.12	19.27	19.24	19.50	4.5
5G NR n41_PC3_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	23.53	23.83	23.89	24.00	0.0
5G NR n41_PC3_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	23.55	23.72	23.78	24.00	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_PC3_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	23.63	23.81	23.76	24.00	0.0
5G NR n41_PC3_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	23.51	23.82	23.88	24.00	0.0
5G NR n41_PC3_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	23.50	23.78	23.82	24.00	0.0
5G NR n41_PC3_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	23.56	23.75	23.77	24.00	0.0
5G NR n41_PC3_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	23.56	23.73	23.72	24.00	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_PC3_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	23.54	23.71	23.86	24.00	0.0
5G NR n41_PC3_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	23.53	23.76	23.81	24.00	0.0
5G NR n41_PC3_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	23.59	23.78	23.84	24.00	0.0
5G NR n41_PC3_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	23.63	23.80	23.83	24.00	0.0
5G NR n41_PC3_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	Pi/2 BPSK	1	1	23.52	23.75	23.74	24.00	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_PC3_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	Pi/2 BPSK	1	1	23.52	23.80	23.80	24.00	0.0
5G NR n41_PC2_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	26.10	26.57	26.37	27.00	0.0
		1	137	25.95	26.43	26.20	27.00	0.0
		1	271	25.94	26.50	26.27	27.00	0.0
		135	0	25.52	26.14	25.89	26.50	0.5
		135	69	26.05	26.48	26.29	27.00	0.0
		135	138	25.51	26.04	25.88	26.50	0.5
		270	0	25.51	26.02	25.85	26.50	0.5
	QPSK	1	1	25.98	26.47	26.22	27.00	0.0
		1	137	25.95	26.40	26.27	27.00	0.0
		1	271	25.97	26.52	26.20	27.00	0.0
		135	0	24.94	25.40	25.25	26.00	1.0
		135	69	25.98	26.46	26.19	27.00	0.0
		135	138	24.98	25.43	25.26	26.00	1.0
		270	0	24.94	25.40	25.21	26.00	1.0
	16-QAM	1	1	24.98	25.44	25.26	26.00	1.0
	64QAM	1	1	23.57	23.97	23.71	24.50	2.5
	256-QAM	1	1	21.51	21.93	21.78	22.50	4.5
5G NR n41_PC2_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	26.03	26.53	26.21	27.00	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_PC2_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	25.99	26.45	26.26	27.00	0.0
5G NR n41_PC2_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	25.94	26.38	26.26	27.00	0.0
5G NR n41_PC2_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	23.53	23.99	23.74	24.00	0.0
5G NR n41_PC2_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	23.46	23.99	23.79	24.00	0.0
5G NR n41_PC2_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	23.47	23.95	23.79	24.00	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_PC2_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	23.54	23.97	23.71	24.00	0.0
5G NR n41_PC2_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	23.42	23.95	23.73	24.00	0.0
5G NR n41_PC2_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	23.47	23.88	23.74	24.00	0.0
5G NR n41_PC2_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	23.45	23.78	23.76	24.00	0.0
5G NR n41_PC2_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	23.49	23.96	23.71	24.00	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_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	Pi/2 BPSK	1	1	23.46	23.98	23.75	24.00	0.0
5G NR n41_PC2_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	Pi/2 BPSK	1	1	23.49	23.88	23.71	24.00	0.0
5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3570	3625.02	3679.98		
Channel				638000	641668	645332		
40	Pi/2 BPSK	1	1	21.68	21.89	21.94	22.00	0.0
		1	53	21.51	21.75	21.87	22.00	0.0
		1	104	21.50	21.80	21.77	22.00	0.0
		50	0	21.20	21.33	21.44	21.50	0.5
		50	28	21.60	21.81	21.84	22.00	0.0
		50	56	21.18	21.36	21.47	21.50	0.5
		100	0	21.16	21.35	21.43	21.50	0.5
	QPSK	1	1	21.59	21.73	21.81	22.00	0.0
		1	53	21.63	21.78	21.82	22.00	0.0
		1	104	21.59	21.74	21.87	22.00	0.0
		50	0	20.51	20.77	20.84	21.00	1.0
		50	28	21.48	21.72	21.81	22.00	0.0
		50	56	20.56	20.75	20.83	21.00	1.0
		100	0	20.52	20.72	20.78	21.00	1.0
	16-QAM	1	1	20.56	20.76	20.83	21.00	1.0
	64QAM	1	1	19.02	19.26	19.31	19.50	2.5
	256-QAM	1	1	17.06	17.25	17.27	17.50	4.5

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

5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3565.02	3625.02	3684.99		
Channel				637668	641668	645666		
30	Pi/2 BPSK	1	1	21.56	21.75	21.79	22.00	0.0
5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3560.01	3625.02	3690		
Channel				637334	641668	646000		
20	Pi/2 BPSK	1	1	21.58	21.75	21.86	22.00	0.0
5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3557.52	3625.02	3692.49		
Channel				637168	641668	646166		
15	Pi/2 BPSK	1	1	21.58	21.69	21.85	22.00	0.0
5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3555	3625.02	3694.98		
Channel				637000	641668	646332		
10	Pi/2 BPSK	1	1	21.61	21.72	21.79	22.00	0.0
5G NR n48_30kHz								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3552.51	3625.02	3697.5		
Channel				636834	641668	646500		
5	Pi/2 BPSK	1	1	21.61	21.75	21.87	22.00	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 n77_PC3_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3795	3840	3885	3930	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				650000	653000	656000	659000	662000		
100	Pi/2 BPSK	1	1	23.97	23.86	23.67	23.82	23.62	24.00	0.0
		1	137	23.84	23.69	23.62	23.72	23.58	24.00	0.0
		1	271	23.85	23.72	23.50	23.71	23.55	24.00	0.0
		135	0	23.47	23.37	23.18	23.31	23.13	23.50	0.5
		135	69	23.83	23.70	23.57	23.73	23.50	24.00	0.0
		135	138	23.42	23.34	23.18	23.32	23.04	23.50	0.5
		270	0	23.44	23.36	23.16	23.24	23.12	23.50	0.5
	QPSK	1	1	23.87	23.74	23.61	23.71	23.43	24.00	0.0
		1	137	23.77	23.70	23.59	23.67	23.47	24.00	0.0
		1	271	23.82	23.78	23.62	23.75	23.49	24.00	0.0
		135	0	22.81	22.78	22.55	22.70	22.49	23.00	1.0
		135	69	23.85	23.80	23.58	23.70	23.46	24.00	0.0
		135	138	22.85	22.72	22.56	22.70	22.48	23.00	1.0
		270	0	22.81	22.69	22.51	22.66	22.45	23.00	1.0
	16-QAM	1	1	22.85	22.73	22.56	22.70	22.49	23.00	1.0
	64QAM	1	1	21.32	21.23	21.07	21.15	20.93	21.50	2.5
	256-QAM	1	1	19.38	19.21	19.06	19.20	19.01	19.50	4.5
5G NR n77_PC3_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3792.51	3840	3887.49	3935.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				649666	652834	656000	659166	662334		
90	Pi/2 BPSK	1	1	23.85	23.80	23.50	23.67	23.51	24.00	0.0
5G NR n77_PC3_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3789.99	3840	3890.01	3939.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				649334	652666	656000	659334	662666		
80	Pi/2 BPSK	1	1	23.83	23.81	23.51	23.72	23.49	24.00	0.0
5G NR n77_PC3_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3785.01	3840	3894.99	3950.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648666	652334	656000	659666	663334		
60	Pi/2 BPSK	1	1	23.90	23.80	23.48	23.68	23.45	24.00	0.0
5G NR n77_PC3_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3782.49	3840	3897.51	3954.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648334	652166	656000	659834	663666		
50	Pi/2 BPSK	1	1	23.81	23.78	23.58	23.65	23.49	24.00	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.

5G NR n77_PC3_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3780	3840	3900	3960	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648000	652000	656000	660000	664000		
40	Pi/2 BPSK	1	1	23.86	23.74	23.61	23.69	23.53	24.00	0.0
5G NR n77_PC3_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3774.99	3840	3903.99	3969.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647334	651666	656000	660266	664666		
20	Pi/2 BPSK	1	1	23.93	23.74	23.46	23.70	23.46	24.00	0.0
5G NR n77_PC3_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3773.76	3840	3906.255	3972.495	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647167	651584	656000	660417	664833		
15	Pi/2 BPSK	1	1	23.55	23.45	23.64	23.44	23.62	24.00	0.0
5G NR n77_PC3_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3772.5	3840	3907.5	3975	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647000	651500	656000	660500	665000		
10	Pi/2 BPSK	1	1	23.53	23.45	23.55	23.10	23.28	24.00	0.0
5G NR n77_PC2_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3795	3840	3885	3930	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				650000	653000	656000	659000	662000		
100	Pi/2 BPSK	1	1	26.78	26.88	26.56	26.45	26.58	27.00	0.0
		1	137	26.64	26.83	26.42	26.30	26.41	27.00	0.0
		1	271	26.60	26.79	26.40	26.37	26.47	27.00	0.0
		135	0	26.27	26.45	26.01	25.95	26.07	26.50	0.5
		135	69	26.60	26.80	26.44	26.39	26.44	27.00	0.0
		135	138	26.21	26.35	26.12	25.90	26.10	26.50	0.5
		270	0	26.24	26.31	26.01	25.94	26.03	26.50	0.5
	QPSK	1	1	26.69	26.71	26.45	26.36	26.46	27.00	0.0
		1	137	26.68	26.76	26.44	26.29	26.45	27.00	0.0
		1	271	26.59	26.75	26.47	26.40	26.44	27.00	0.0
		135	0	25.58	25.73	25.49	25.31	25.43	26.00	1.0
		135	69	26.65	26.80	26.39	26.33	26.54	27.00	0.0
		135	138	25.66	25.74	25.45	25.33	25.44	26.00	1.0
		270	0	25.62	25.71	25.40	25.29	25.41	26.00	1.0
	16-QAM	1	1	25.66	25.75	25.45	25.33	25.45	26.00	1.0
	64QAM	1	1	24.18	24.21	23.94	23.81	24.02	24.50	2.5
	256-QAM	1	1	22.18	22.22	21.97	21.84	21.94	22.50	4.5

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.

5G NR n77_PC2_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3792.51	3840	3887.49	3935.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				649666	652834	656000	659166	662334		
90	Pi/2 BPSK	1	1	26.61	26.78	26.51	26.32	26.38	27.00	0.0
5G NR n77_PC2_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3789.99	3840	3890.01	3939.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				649334	652666	656000	659334	662666		
80	Pi/2 BPSK	1	1	26.72	26.76	26.51	26.39	26.42	27.00	0.0
5G NR n77_PC2_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3785.01	3840	3894.99	3950.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648666	652334	656000	659666	663334		
60	Pi/2 BPSK	1	1	26.68	26.75	26.45	26.36	26.48	27.00	0.0
5G NR n77_PC2_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3782.49	3840	3897.51	3954.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648334	652166	656000	659834	663666		
50	Pi/2 BPSK	1	1	26.63	26.75	26.43	26.28	26.39	27.00	0.0
5G NR n77_PC2_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3780	3840	3900	3960	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648000	652000	656000	660000	664000		
40	Pi/2 BPSK	1	1	26.67	26.76	26.49	26.31	26.48	27.00	0.0
5G NR n77_PC2_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3774.99	3840	3903.99	3969.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647334	651666	656000	660266	664666		
20	Pi/2 BPSK	1	1	26.67	26.76	26.46	26.34	26.51	27.00	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 n77_PC2_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3773.76	3840	3906.255	3972.495	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647167	651584	656000	660417	664833		
15	Pi/2 BPSK	1	1	25.91	26.05	26.44	25.89	26.11	27.00	0.0
5G NR n77_PC2_30kHz_Part3										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3772.5	3840	3907.5	3975	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647000	651500	656000	660500	665000		
10	Pi/2 BPSK	1	1	26.21	25.98	26.44	26.02	25.89	27.00	0.0
5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3500.01	3537.51	3575.01	3612.51	3650.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				633334	635834	638334	640834	643334		
100	Pi/2 BPSK	1	1	21.45	21.67	21.83	21.54	21.43	22.00	0.0
		1	137	21.32	21.55	21.69	21.45	21.26	22.00	0.0
		1	271	21.35	21.64	21.70	21.38	21.31	22.00	0.0
		135	0	20.90	21.12	21.35	21.07	20.91	21.50	0.5
		135	69	21.33	21.61	21.71	21.44	21.28	22.00	0.0
		135	138	20.93	21.17	21.34	21.00	20.88	21.50	0.5
		270	0	20.89	21.18	21.34	21.06	20.91	21.50	0.5
	QPSK	1	1	21.41	21.60	21.73	21.49	21.25	22.00	0.0
		1	137	21.37	21.58	21.74	21.42	21.30	22.00	0.0
		1	271	21.31	21.60	21.69	21.40	21.35	22.00	0.0
		135	0	20.42	20.54	20.75	20.42	20.28	21.00	1.0
		135	69	21.35	21.49	21.66	21.38	21.34	22.00	0.0
		135	138	20.33	20.53	20.72	20.42	20.29	21.00	1.0
		270	0	20.29	20.50	20.67	20.38	20.26	21.00	1.0
	16-QAM	1	1	20.33	20.54	20.72	20.42	20.30	21.00	1.0
	64QAM	1	1	18.80	19.00	19.13	18.91	18.85	19.50	2.5
	256-QAM	1	1	16.82	17.02	17.15	16.98	16.86	17.50	4.5
5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3535.005	3575.01	3615.015	3655.02	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				633000	635667	638334	641001	643668		
90	Pi/2 BPSK	1	1	21.37	21.49	21.68	21.42	21.28	22.00	0.0
5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.02	3532.515	3575.01	3617.505	3660	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				632668	635501	638334	641167	644000		
80	Pi/2 BPSK	1	1	21.24	21.56	21.73	21.42	21.40	22.00	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.

5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3527.505	3575.01	3622.515	3670.02		
Channel				632000	635167	638334	641501	644668		
60	Pi/2 BPSK	1	1	21.29	21.56	21.74	21.46	21.30	22.00	0.0
5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.02	3525.015	3575.01	3625.005	3675		
Channel				631668	635001	638334	641667	645000		
50	Pi/2 BPSK	1	1	21.35	21.59	21.70	21.41	21.30	22.00	0.0
5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3522.51	3575.01	3627.51	3680.01		
Channel				631334	634834	638334	641834	645334		
40	Pi/2 BPSK	1	1	21.38	21.57	21.69	21.40	21.24	22.00	0.0
5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.02	3517.515	3575.01	3632.505	3690		
Channel				630668	634501	638334	642167	646000		
20	Pi/2 BPSK	1	1	21.31	21.52	21.64	21.47	21.36	22.00	0.0
5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3516.255	3575.01	3633.765	3692.52		
Channel				630500	634417	638334	642251	646168		
15	Pi/2 BPSK	1	1	21.36	21.56	21.69	21.39	21.36	22.00	0.0
5G NR n77 & n78_PC3_30kHz_Part1										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3515.01	3575.01	3635.01	3695.01		
Channel				630334	634334	638334	642334	646334		
10	Pi/2 BPSK	1	1	21.37	21.53	21.76	21.48	21.36	22.00	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 n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	Pi/2 BPSK	1	1		23.86		24.00	0.0
		1	137		23.80		24.00	0.0
		1	271		23.77		24.00	0.0
		135	0		23.33		23.50	0.5
		135	69		23.72		24.00	0.0
		135	138		23.37		23.50	0.5
		270	0		23.33		23.50	0.5
	QPSK	1	1		23.71		24.00	0.0
		1	137		23.79		24.00	0.0
		1	271		23.78		24.00	0.0
		135	0		22.73		23.00	1.0
		135	69		23.74		24.00	0.0
		135	138		22.74		23.00	1.0
		270	0		22.70		23.00	1.0
	16-QAM	1	1		22.74		23.00	1.0
	64QAM	1	1		21.30		21.50	2.5
	256-QAM	1	1		19.20		19.50	4.5
5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3750	3755.01		
Channel				649666	645000	650334		
90	Pi/2 BPSK	1	1	23.72	23.59	23.45	24.00	0.0
5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	Pi/2 BPSK	1	1	23.68	23.64	23.38	24.00	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 n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3750	3770.01		
Channel				648666	645000	651334		
60	Pi/2 BPSK	1	1	23.73	23.60	23.40	24.00	0.0
5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	Pi/2 BPSK	1	1	23.80	23.66	23.43	24.00	0.0
5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	645000	652000		
40	Pi/2 BPSK	1	1	23.71	23.64	23.37	24.00	0.0
5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	645000	652666		
20	Pi/2 BPSK	1	1	23.76	23.69	23.41	24.00	0.0
5G NR n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.49	3750	3792.51		
Channel				647166	645000	652834		
15	Pi/2 BPSK	1	1	23.72	23.67	23.37	24.00	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 n78_PC3_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	645000	653000		
10	Pi/2 BPSK	1	1	23.75	23.66	23.47	24.00	0.0
5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	Pi/2 BPSK	1	1		26.94		27.00	0.0
		1	137		26.81		27.00	0.0
		1	271		26.79		27.00	0.0
		135	0		26.45		26.50	0.5
		135	69		26.83		27.00	0.0
		135	138		26.48		26.50	0.5
		270	0		26.41		26.50	0.5
	QPSK	1	1		26.81		27.00	0.0
		1	137		26.76		27.00	0.0
		1	271		26.84		27.00	0.0
		135	0		25.88		26.00	1.0
		135	69		26.81		27.00	0.0
		135	138		25.82		26.00	1.0
		270	0		25.78		26.00	1.0
	16-QAM	1	1		25.82		26.00	1.0
	64QAM	1	1		24.27		24.50	2.5
	256-QAM	1	1		22.34		22.50	4.5
5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3750	3755.01		
Channel				649666	650000	650334		
90	Pi/2 BPSK	1	1	26.76	26.44	26.26	27.00	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 n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	Pi/2 BPSK	1	1	26.76	26.33	26.27	27.00	0.0
5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3750	3770.01		
Channel				648666	650000	651334		
60	Pi/2 BPSK	1	1	26.83	26.32	26.26	27.00	0.0
5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	Pi/2 BPSK	1	1	26.85	26.34	26.28	27.00	0.0
5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	650000	652000		
40	Pi/2 BPSK	1	1	26.84	26.45	26.22	27.00	0.0
5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	Pi/2 BPSK	1	1	26.78	26.43	26.24	27.00	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 n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.49	3750	3792.51		
Channel				647166	645000	652834		
15	Pi/2 BPSK	1	1	26.88	26.33	26.14	27.00	0.0
5G NR n78_PC2_30kHz_Part2								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	650000	653000		
10	Pi/2 BPSK	1	1	26.77	26.39	26.28	27.00	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

5.9 NR ULMIMO

Main

5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	0	22.03	22.42	21.95	22.50	1.5
		1	137	21.94	22.27	21.76	22.50	1.5
		1	272	21.94	22.25	21.83	22.50	1.5
		135	0	21.61	21.85	21.55	22.50	1.5
		137	68	21.98	22.23	21.83	22.50	1.5
		135	138	21.50	21.85	21.39	22.50	1.5
		273	0	20.10	20.38	19.90	21.00	3.0
	16-QAM	1	1	21.60	21.82	21.42	22.00	2.0
	64QAM	1	1	20.09	20.36	19.96	20.50	3.5
	256-QAM	1	1	17.04	17.42	17.00	17.50	6.5
5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	21.97	22.39	21.88	22.50	1.5
5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	21.90	22.33	21.82	22.50	1.5
5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	21.84	22.24	21.72	22.50	1.5

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.

5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	21.76	22.24	21.65	22.50	1.5
5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	21.71	22.21	21.55	22.50	1.5
5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	21.61	22.16	21.49	22.50	1.5
5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	21.59	22.12	21.46	22.50	1.5
5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	21.59	22.10	21.41	22.50	1.5

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

5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	21.57	22.04	21.38	22.50	1.5
5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	21.51	22.03	21.30	22.50	1.5
5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	21.41	21.96	21.28	22.50	1.5
5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	CP-OFDM QPSK	1	1	21.40	21.96	21.28	22.50	1.5
5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	CP-OFDM QPSK	1	1	21.40	21.89	21.20	22.50	1.5

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

5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	0	24.76	25.29	25.05	25.50	1.5
		1	137	24.71	25.10	24.88	25.50	1.5
		1	272	24.66	25.13	24.92	25.50	1.5
		135	0	24.20	24.68	24.50	25.50	1.5
		137	68	24.71	25.15	24.99	25.50	1.5
		135	138	24.29	24.77	24.52	25.50	1.5
		273	0	22.66	23.27	23.03	24.00	3.0
	16-QAM	1	1	24.28	24.79	24.53	25.00	2.0
	64QAM	1	1	22.79	23.31	23.03	23.50	3.5
	256-QAM	1	1	19.79	20.31	20.05	20.50	6.5
5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	24.75	25.22	24.97	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	24.72	25.19	24.95	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	24.66	25.19	24.94	25.50	1.5

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

5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	24.57	25.17	24.89	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	24.55	25.12	24.81	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	24.47	25.08	24.71	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	24.45	25.08	24.65	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	24.45	25.06	24.62	25.50	1.5

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

5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	24.42	25.05	24.55	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	24.36	24.98	24.52	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	24.35	24.98	24.44	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	CP-OFDM QPSK	1	1	24.28	24.95	24.41	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	CP-OFDM QPSK	1	1	24.26	24.89	24.40	25.50	1.5

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

5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3795	3840	3885	3930	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				650000	653000	656000	659000	662000		
100	CP-OFDM QPSK	1	0	22.29	22.42	22.06	22.13	21.98	22.50	1.5
		1	137	22.31	22.17	21.89	22.00	21.89	22.50	1.5
		1	272	22.19	22.28	21.98	22.04	21.90	22.50	1.5
		135	0	21.84	21.91	21.53	21.62	21.37	22.50	1.5
		137	68	22.28	22.27	21.96	22.05	21.79	22.50	1.5
		135	138	21.70	21.73	21.58	21.62	21.48	22.50	1.5
		273	0	20.24	20.45	20.15	20.12	19.93	21.00	3.0
	16-QAM	1	1	21.78	21.91	21.62	21.60	21.45	22.00	2.0
	64QAM	1	1	20.28	20.37	20.13	20.06	19.98	20.50	3.5
	256-QAM	1	1	17.30	17.37	17.04	17.08	16.98	17.50	6.5
5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3792.51	3840	3887.49	3935.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				649666	652834	656000	659166	662334		
90	CP-OFDM QPSK	1	1	22.29	22.41	22.01	22.10	21.94	22.50	1.5
5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3789.99	3840	3890.01	3939.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				649334	652666	656000	659334	662666		
80	CP-OFDM QPSK	1	1	22.20	22.39	22.01	22.09	21.89	22.50	1.5
5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3785.01	3840	3894.99	3950.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648666	652334	656000	659666	663334		
60	CP-OFDM QPSK	1	1	22.19	22.33	21.97	21.99	21.82	22.50	1.5
5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3782.49	3840	3897.51	3954.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648334	652166	656000	659834	663666		
50	CP-OFDM QPSK	1	1	22.09	22.33	21.97	21.99	21.80	22.50	1.5

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

5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3780	3840	3900	3960	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648000	652000	656000	660000	664000		
40	CP-OFDM QPSK	1	1	22.00	22.27	21.94	21.95	21.70	22.50	1.5
5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3774.99	3840	3903.99	3969.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647334	651666	656000	660266	664666		
20	CP-OFDM QPSK	1	1	21.95	22.20	21.93	21.93	21.70	22.50	1.5
5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3773.76	3840	3906.255	3972.495	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647167	651584	656000	660417	664833		
15	CP-OFDM QPSK	1	1	21.77	21.68	21.92	21.57	21.67	22.50	1.5
5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3772.5	3840	3907.5	3975	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647000	651500	656000	660500	665000		
10	CP-OFDM QPSK	1	1	21.56	21.66	21.89	21.64	21.78	22.50	1.5
5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3795	3840	3885	3930	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				650000	653000	656000	659000	662000		
100	CP-OFDM QPSK	1	0	25.32	25.08	25.16	25.31	25.07	25.50	1.5
		1	137	25.33	24.94	25.01	25.18	24.94	25.50	1.5
		1	272	25.30	24.98	25.10	25.19	24.97	25.50	1.5
		135	0	24.84	24.55	24.72	24.77	24.53	25.50	1.5
		137	68	25.18	24.91	25.00	25.17	24.92	25.50	1.5
		135	138	24.80	24.55	24.74	24.73	24.56	25.50	1.5
		273	0	23.37	23.16	23.19	23.24	23.10	24.00	3.0
	16-QAM	1	1	24.86	24.61	24.73	24.79	24.61	25.00	2.0
	64QAM	1	1	23.42	23.08	23.22	23.24	23.05	23.50	3.5
	256-QAM	1	1	20.37	20.07	20.21	20.28	20.08	20.50	6.5

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

5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3792.51	3840	3887.49	3935.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				649666	652834	656000	659166	662334		
90	CP-OFDM QPSK	1	1	25.28	25.01	25.12	25.25	25.07	25.50	1.5
5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3789.99	3840	3890.01	3939.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				649334	652666	656000	659334	662666		
80	CP-OFDM QPSK	1	1	25.19	24.95	25.05	25.23	25.02	25.50	1.5
5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3785.01	3840	3894.99	3950.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648666	652334	656000	659666	663334		
60	CP-OFDM QPSK	1	1	25.12	24.90	24.95	25.18	24.98	25.50	1.5
5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3782.49	3840	3897.51	3954.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648334	652166	656000	659834	663666		
50	CP-OFDM QPSK	1	1	25.12	24.88	24.91	25.15	24.91	25.50	1.5
5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3780	3840	3900	3960	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648000	652000	656000	660000	664000		
40	CP-OFDM QPSK	1	1	25.12	24.88	24.88	25.09	24.86	25.50	1.5
5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3774.99	3840	3903.99	3969.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647334	651666	656000	660266	664666		
20	CP-OFDM QPSK	1	1	25.09	24.79	24.79	25.05	24.78	25.50	1.5

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

5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.505	3773.76	3840	3906.255	3972.495	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647167	651584	656000	660417	664833		
15	CP-OFDM QPSK	1	1	24.89	24.62	24.69	24.58	24.76	25.50	1.5
5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3772.5	3840	3907.5	3975	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647000	651500	656000	660500	665000		
10	CP-OFDM QPSK	1	1	24.80	24.87	24.67	24.52	24.61	25.50	1.5
5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3500.01	3537.51	3575.01	3612.51	3650.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				633334	635834	638334	640834	643334		
100	CP-OFDM QPSK	1	0	20.11	19.94	19.96	20.16	20.41	20.50	1.5
		1	137	19.97	19.91	19.82	20.07	20.38	20.50	1.5
		1	272	20.04	19.89	19.81	20.12	20.35	20.50	1.5
		135	0	19.62	19.49	19.44	19.68	20.01	20.50	1.5
		137	68	20.05	19.88	19.77	20.12	20.40	20.50	1.5
		135	138	19.59	19.50	19.46	19.64	19.92	20.50	1.5
		273	0	18.11	17.95	17.83	18.16	18.42	19.00	3.0
	16-QAM	1	1	19.62	19.46	19.43	19.69	19.92	20.00	2.0
	64QAM	1	1	18.16	18.02	17.88	18.21	18.42	18.50	3.5
	256-QAM	1	1	15.17	14.97	14.96	15.17	15.47	15.50	6.5
5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3535.005	3575.01	3615.015	3655.02	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				633000	635667	638334	641001	643668		
90	CP-OFDM QPSK	1	1	20.09	19.93	19.87	20.14	20.33	20.50	1.5
5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.02	3532.515	3575.01	3617.505	3660	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				632668	635501	638334	641167	644000		
80	CP-OFDM QPSK	1	1	20.03	19.83	19.86	20.09	20.32	20.50	1.5

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

5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3527.505	3575.01	3622.515	3670.02	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				632000	635167	638334	641501	644668		
60	CP-OFDM QPSK	1	1	19.99	19.74	19.83	20.00	20.30	20.50	1.5
5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.02	3525.015	3575.01	3625.005	3675	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				631668	635001	638334	641667	645000		
50	CP-OFDM QPSK	1	1	19.91	19.73	19.74	19.90	20.24	20.50	1.5
5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3522.51	3575.01	3627.51	3680.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				631334	634834	638334	641834	645334		
40	CP-OFDM QPSK	1	1	19.91	19.71	19.71	19.81	20.21	20.50	1.5
5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.02	3517.515	3575.01	3632.505	3690	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				630668	634501	638334	642167	646000		
20	CP-OFDM QPSK	1	1	19.84	19.67	19.63	19.71	20.13	20.50	1.5
5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3516.255	3575.01	3633.765	3692.52	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				630500	634417	638334	642251	646168		
15	CP-OFDM QPSK	1	1	19.82	19.59	19.63	19.71	20.08	20.50	1.5
5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3515.01	3575.01	3635.01	3695.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				630334	634334	638334	642334	646334		
10	CP-OFDM QPSK	1	1	19.75	19.54	19.56	19.70	19.98	20.50	1.5

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

5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	CP-OFDM QPSK	1	0		22.38		22.50	1.5
		1	137		22.25		22.50	1.5
		1	272		22.20		22.50	1.5
		135	0		21.86		22.50	1.5
		137	68		22.27		22.50	1.5
		135	138		21.91		22.50	1.5
		273	0		20.37		21.00	3.0
	16-QAM	1	1		21.83		22.00	2.0
	64QAM	1	1		20.39		20.50	3.5
	256-QAM	1	1		17.41		17.50	6.5
5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3750	3755.01		
Channel				649666	645000	650334		
90	CP-OFDM QPSK	1	1	22.30	22.38	22.32	22.50	1.5
5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	CP-OFDM QPSK	1	1	22.24	22.30	22.26	22.50	1.5
5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3750	3770.01		
Channel				648666	645000	651334		
60	CP-OFDM QPSK	1	1	22.20	22.23	22.17	22.50	1.5

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

5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	CP-OFDM QPSK	1	1	22.17	22.19	22.12	22.50	1.5
5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	645000	652000		
40	CP-OFDM QPSK	1	1	22.15	22.18	22.07	22.50	1.5
5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	645000	652666		
20	CP-OFDM QPSK	1	1	22.14	22.11	22.06	22.50	1.5
5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.49	3750	3792.51		
Channel				647166	645000	652834		
15	CP-OFDM QPSK	1	1	22.05	22.07	21.96	22.50	1.5
5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	645000	653000		
10	CP-OFDM QPSK	1	1	22.00	21.99	21.95	22.50	1.5

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

5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	CP-OFDM QPSK	1	0		25.35		25.50	1.5
		1	137		25.20		25.50	1.5
		1	272		25.28		25.50	1.5
		135	0		24.72		25.50	1.5
		137	68		25.21		25.50	1.5
		135	138		24.79		25.50	1.5
		273	0		23.30		24.00	3.0
	16-QAM	1	1		24.80		25.00	2.0
	64QAM	1	1		23.36		23.50	3.5
	256-QAM	1	1		20.37		20.50	6.5
5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3750	3755.01		
Channel				649666	650000	650334		
90	CP-OFDM QPSK	1	1	25.27	25.28	25.25	25.50	1.5
5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	CP-OFDM QPSK	1	1	25.17	25.24	25.17	25.50	1.5
5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3750	3770.01		
Channel				648666	650000	651334		
60	CP-OFDM QPSK	1	1	25.11	25.17	25.10	25.50	1.5

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

5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	CP-OFDM QPSK	1	1	25.04	25.17	25.08	25.50	1.5
5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	650000	652000		
40	CP-OFDM QPSK	1	1	24.98	25.10	25.00	25.50	1.5
5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	CP-OFDM QPSK	1	1	24.93	25.07	24.92	25.50	1.5
5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.49	3750	3792.51		
Channel				647166	645000	652834		
15	CP-OFDM QPSK	1	1	24.87	25.00	24.89	25.50	1.5
5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	650000	653000		
10	CP-OFDM QPSK	1	1	24.77	24.97	24.88	25.50	1.5

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

Aux 2

5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	0	22.22	22.45	22.48	22.50	1.5
		1	137	22.13	22.33	22.37	22.50	1.5
		1	272	22.01	22.29	22.36	22.50	1.5
		135	0	21.71	21.82	21.98	22.50	1.5
		137	68	22.10	22.35	22.31	22.50	1.5
		135	138	21.70	21.91	21.90	22.50	1.5
		273	0	20.13	20.35	20.46	21.00	3.0
	16-QAM	1	1	21.77	21.93	21.93	22.00	2.0
	64QAM	1	1	20.24	20.42	20.48	20.50	3.5
	256-QAM	1	1	17.27	17.40	17.48	17.50	6.5
5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	22.12	22.41	22.39	22.50	1.5
5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	22.12	22.33	22.31	22.50	1.5
5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	22.03	22.28	22.27	22.50	1.5

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

5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	22.01	22.19	22.18	22.50	1.5
5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	21.92	22.10	22.18	22.50	1.5
5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	21.83	22.01	22.08	22.50	1.5
5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	21.74	21.98	22.03	22.50	1.5
5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	21.69	21.95	21.93	22.50	1.5

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

5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	21.62	21.91	21.85	22.50	1.5
5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	21.61	21.83	21.84	22.50	1.5
5G NR n41_PC3_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	21.52	21.78	21.78	22.50	1.5
5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	CP-OFDM QPSK	1	1	21.48	21.76	21.76	22.50	1.5
5G NR n41_PC3_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	CP-OFDM QPSK	1	1	21.43	21.67	21.71	22.50	1.5

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

5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	0	24.70	25.15	24.93	25.50	1.5
		1	137	24.51	24.96	24.78	25.50	1.5
		1	272	24.53	25.08	24.87	25.50	1.5
		135	0	24.04	24.73	24.43	25.50	1.5
		137	68	24.64	25.03	24.89	25.50	1.5
		135	138	24.06	24.59	24.44	25.50	1.5
		273	0	22.61	23.08	22.89	24.00	3.0
	16-QAM	1	1	24.11	24.58	24.46	25.00	2.0
	64QAM	1	1	22.63	23.08	22.97	23.50	3.5
	256-QAM	1	1	19.63	20.13	19.96	20.50	6.5
5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	24.60	25.06	24.86	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	24.56	25.04	24.79	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	24.48	25.02	24.72	25.50	1.5

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

5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	24.41	24.96	24.64	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	24.37	24.90	24.55	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	24.29	24.88	24.46	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	24.19	24.86	24.40	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	24.10	24.78	24.38	25.50	1.5

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

5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	24.00	24.69	24.37	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	23.90	24.69	24.33	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
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	CP-OFDM QPSK	1	1	23.89	24.67	24.24	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2503.5	2592.99	2682.48		
Channel				500700	518598	536496		
15	CP-OFDM QPSK	1	1	23.83	24.63	24.22	25.50	1.5
5G NR n41_PC2_30kHz_ULMIMO								
3W(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				2501.01	2592.99	2685		
Channel				500202	518598	537000		
10	CP-OFDM QPSK	1	1	23.83	24.56	24.22	25.50	1.5

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

5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3795	3840	3885	3930	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				650000	653000	656000	659000	662000		
100	CP-OFDM QPSK	1	0	22.50	22.39	22.19	22.42	22.22	22.50	1.5
		1	137	22.41	22.25	22.16	22.31	22.09	22.50	1.5
		1	272	22.39	22.30	22.02	22.22	22.05	22.50	1.5
		135	0	21.97	21.92	21.73	21.85	21.63	22.50	1.5
		137	68	22.42	22.29	22.16	22.26	22.09	22.50	1.5
		135	138	21.96	21.88	21.77	21.82	21.62	22.50	1.5
		273	0	20.49	20.36	20.18	20.32	20.20	21.00	3.0
	16-QAM	1	1	21.99	21.89	21.67	21.85	21.71	22.00	2.0
	64QAM	1	1	20.50	20.38	20.20	20.36	20.17	20.50	3.5
	256-QAM	1	1	17.47	17.37	17.20	17.34	17.17	17.50	6.5
5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3792.51	3840	3887.49	3935.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				649666	652834	656000	659166	662334		
90	CP-OFDM QPSK	1	1	22.47	22.39	22.17	22.32	22.18	22.50	1.5
5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3789.99	3840	3890.01	3939.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				649334	652666	656000	659334	662666		
80	CP-OFDM QPSK	1	1	22.38	22.32	22.10	22.26	22.10	22.50	1.5
5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3785.01	3840	3894.99	3950.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648666	652334	656000	659666	663334		
60	CP-OFDM QPSK	1	1	22.32	22.31	22.09	22.26	22.00	22.50	1.5
5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3782.49	3840	3897.51	3954.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648334	652166	656000	659834	663666		
50	CP-OFDM QPSK	1	1	22.25	22.25	22.09	22.26	21.94	22.50	1.5

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

5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3780	3840	3900	3960	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648000	652000	656000	660000	664000		
40	CP-OFDM QPSK	1	1	22.18	22.22	22.06	22.22	21.85	22.50	1.5
5G NR n77_PC3_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3774.99	3840	3903.99	3969.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647334	651666	656000	660266	664666		
20	CP-OFDM QPSK	1	1	22.18	22.19	22.00	22.20	21.80	22.50	1.5
5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3750	3795	3840	3885	3930	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				650000	653000	656000	659000	662000		
100	CP-OFDM QPSK	1	0	25.33	25.47	25.06	24.97	25.15	25.50	1.5
		1	137	25.18	25.42	25.00	24.84	24.97	25.50	1.5
		1	272	25.17	25.30	25.00	24.93	25.03	25.50	1.5
		135	0	24.87	24.99	24.54	24.52	24.58	25.50	1.5
		137	68	25.17	25.35	25.02	24.96	25.01	25.50	1.5
		135	138	24.72	24.89	24.64	24.41	24.67	25.50	1.5
		273	0	23.27	23.35	23.02	23.04	23.06	24.00	3.0
	16-QAM	1	1	24.86	24.97	24.57	24.49	24.59	25.00	2.0
	64QAM	1	1	23.34	23.46	23.15	23.03	23.10	23.50	3.5
	256-QAM	1	1	20.34	20.48	20.12	19.99	20.15	20.50	6.5
5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3792.51	3840	3887.49	3935.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				649666	652834	656000	659166	662334		
90	CP-OFDM QPSK	1	1	25.23	25.46	24.96	24.94	25.08	25.50	1.5
5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3789.99	3840	3890.01	3939.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				649334	652666	656000	659334	662666		
80	CP-OFDM QPSK	1	1	25.13	25.39	24.94	24.84	25.06	25.50	1.5

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

5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3785.01	3840	3894.99	3950.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648666	652334	656000	659666	663334		
60	CP-OFDM QPSK	1	1	25.11	25.33	24.87	24.80	24.97	25.50	1.5
5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3782.49	3840	3897.51	3954.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648334	652166	656000	659834	663666		
50	CP-OFDM QPSK	1	1	25.05	25.32	24.80	24.70	24.95	25.50	1.5
5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3780	3840	3900	3960	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				648000	652000	656000	660000	664000		
40	CP-OFDM QPSK	1	1	25.00	25.29	24.72	24.70	24.87	25.50	1.5
5G NR n77_PC2_30kHz_Part3_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3774.99	3840	3903.99	3969.99	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				647334	651666	656000	660266	664666		
20	CP-OFDM QPSK	1	1	24.97	25.23	24.63	24.66	24.81	25.50	1.5
5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3500.01	3537.51	3575.01	3612.51	3650.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				633334	635834	638334	640834	643334		
100	CP-OFDM QPSK	1	0	20.00	20.22	20.41	20.14	20.00	20.50	1.5
		1	137	19.92	20.12	20.24	19.96	19.85	20.50	1.5
		1	272	19.92	20.19	20.30	19.95	19.83	20.50	1.5
		135	0	19.47	19.68	19.93	19.64	19.50	20.50	1.5
		137	68	19.92	20.16	20.31	19.99	19.83	20.50	1.5
		135	138	19.46	19.69	19.93	19.54	19.45	20.50	1.5
		273	0	17.95	18.22	18.40	18.13	17.96	19.00	3.0
	16-QAM	1	1	19.46	19.70	19.92	19.61	19.43	20.00	2.0
	64QAM	1	1	18.03	18.27	18.42	18.14	17.94	18.50	3.5
	256-QAM	1	1	15.03	15.17	15.39	15.14	15.02	15.50	6.5

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

5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3495	3535.005	3575.01	3615.015	3655.02	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				633000	635667	638334	641001	643668		
90	CP-OFDM QPSK	1	1	19.91	20.16	20.32	20.08	19.99	20.50	1.5
5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3490.02	3532.515	3575.01	3617.505	3660	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				632668	635501	638334	641167	644000		
80	CP-OFDM QPSK	1	1	19.91	20.08	20.32	20.01	19.96	20.50	1.5
5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3480	3527.505	3575.01	3622.515	3670.02	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				632000	635167	638334	641501	644668		
60	CP-OFDM QPSK	1	1	19.89	20.00	20.29	19.96	19.94	20.50	1.5
5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3475.02	3525.015	3575.01	3625.005	3675	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				631668	635001	638334	641667	645000		
50	CP-OFDM QPSK	1	1	19.86	19.91	20.28	19.88	19.84	20.50	1.5
5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3470.01	3522.51	3575.01	3627.51	3680.01	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				631334	634834	638334	641834	645334		
40	CP-OFDM QPSK	1	1	19.82	19.87	20.24	19.88	19.81	20.50	1.5
5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3460.02	3517.515	3575.01	3632.505	3690	Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Channel				630668	634501	638334	642167	646000		
20	CP-OFDM QPSK	1	1	19.72	19.79	20.24	19.82	19.81	20.50	1.5

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

5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3457.5	3516.255	3575.01	3633.765	3692.52		
Channel				630500	634417	638334	642251	646168		
15	CP-OFDM QPSK	1	1	19.66	19.76	20.17	19.76	19.78	20.50	1.5
5G NR n77 & n78_PC3_30kHz_Part1_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)					Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3455.01	3515.01	3575.01	3635.01	3695.01		
Channel				630334	634334	638334	642334	646334		
10	CP-OFDM QPSK	1	1	19.60	19.69	20.10	19.67	19.71	20.50	1.5
5G NR n78_PC3_30kHz_Part2_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)		
Frequency (MHz)					3750					
Channel					650000					
100	CP-OFDM QPSK	1	0		22.37		22.50	1.5		
		1	137		22.37		22.50	1.5		
		1	272		22.33		22.50	1.5		
		135	0		21.92		22.50	1.5		
		137	68		22.25		22.50	1.5		
		135	138		21.89		22.50	1.5		
		273	0		20.39		21.00	3.0		
	16-QAM	1	1		21.95		22.00	2.0		
	64QAM	1	1		20.45		20.50	3.5		
256-QAM	1	1		17.46		17.50	6.5			
5G NR n78_PC3_30kHz_Part2_ULMIMO										
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)		
Frequency (MHz)				3744.99	3750	3755.01				
Channel				649666	645000	650334				
90	CP-OFDM QPSK	1	1	22.28	22.33	22.27	22.50	1.5		

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

5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	CP-OFDM QPSK	1	1	22.27	22.25	22.25	22.50	1.5
5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3750	3770.01		
Channel				648666	645000	651334		
60	CP-OFDM QPSK	1	1	22.25	22.18	22.24	22.50	1.5
5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	CP-OFDM QPSK	1	1	22.20	22.14	22.24	22.50	1.5
5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	645000	652000		
40	CP-OFDM QPSK	1	1	22.13	22.12	22.22	22.50	1.5
5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	645000	652666		
20	CP-OFDM QPSK	1	1	22.09	22.03	22.22	22.50	1.5

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

5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.49	3750	3792.51		
Channel				647166	645000	652834		
15	CP-OFDM QPSK	1	1	22.01	21.99	22.13	22.50	1.5
5G NR n78_PC3_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	645000	653000		
10	CP-OFDM QPSK	1	1	21.95	21.95	22.05	22.50	1.5
5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)					3750			
Channel					650000			
100	CP-OFDM QPSK	1	0		25.46		25.50	1.5
		1	137		25.31		25.50	1.5
		1	272		25.37		25.50	1.5
		135	0		24.97		25.50	1.5
		137	68		25.41		25.50	1.5
		135	138		25.02		25.50	1.5
		273	0		23.45		24.00	3.0
	16-QAM	1	1		24.95		25.00	2.0
	64QAM	1	1		23.47		23.50	3.5
	256-QAM	1	1		20.50		20.50	6.5
5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3744.99	3750	3755.01		
Channel				649666	650000	650334		
90	CP-OFDM QPSK	1	1	25.42	25.43	25.33	25.50	1.5

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

5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3740.01	3750	3759.99		
Channel				649334	645000	650666		
80	CP-OFDM QPSK	1	1	25.34	25.42	25.25	25.50	1.5
5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3729.99	3750	3770.01		
Channel				648666	650000	651334		
60	CP-OFDM QPSK	1	1	25.29	25.35	25.17	25.50	1.5
5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3725.01	3750	3774.99		
Channel				648334	645000	651666		
50	CP-OFDM QPSK	1	1	25.20	25.35	25.08	25.50	1.5
5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3720	3750	3780		
Channel				648000	650000	652000		
40	CP-OFDM QPSK	1	1	25.12	25.30	25.08	25.50	1.5
5G NR n78_PC2_30kHz_Part2_ULMIMO								
BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3710.01	3750	3789.99		
Channel				647334	650000	652666		
20	CP-OFDM QPSK	1	1	25.05	25.23	25.02	25.50	1.5

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

5G NR n78_PC2_30kHz_Part2_ULMIMO

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3707.49	3750	3792.51		
Channel				647166	645000	652834		
15	CP-OFDM QPSK	1	1	25.04	25.19	25.02	25.50	1.5

5G NR n78_PC2_30kHz_Part2_ULMIMO

BW(MHz)	Modulation	RB Size	RB Offset	Conducted power (dBm)			Target Power + Max. Tolerance (dBm)	MPR Allowed per 3GPP(dB)
Frequency (MHz)				3705	3750	3795		
Channel				647000	650000	653000		
10	CP-OFDM QPSK	1	1	25.02	25.10	24.95	25.50	1.5

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

6 SUMMARY OF RESULTS

6.1 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.

6.2 Summary of SAR Results

WWAN

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	Bottom Surface	0	9262	1852.4	24.5	24.16	108.14%	0.005	0.006	-
WCDMA Band II	Bottom Surface	0	9400	1880	24.5	24.20	107.15%	0.004	0.005	-
WCDMA Band II	Bottom Surface	0	9538	1907.6	24.5	23.79	117.76%	0.006	0.007	001
WCDMA Band IV	Bottom Surface	0	1312	1712.4	24.5	24.16	108.14%	0.006	0.006	-
WCDMA Band IV	Bottom Surface	0	1412	1732.4	24.5	24.44	101.39%	0.006	0.006	-
WCDMA Band IV	Bottom Surface	0	1513	1752.6	24.5	24.43	101.62%	0.007	0.007	002
WCDMA Band V	Bottom Surface	0	4132	826.4	24.5	24.10	109.65%	0.011	0.012	003
WCDMA Band V	Bottom Surface	0	4183	836.6	24.5	24.01	111.94%	0.009	0.010	-
WCDMA Band V	Bottom Surface	0	4233	846.6	24.5	24.03	111.43%	0.010	0.011	-

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.

Main

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_Main	20MHz	QPSK	1	0	Bottom Surface	0	18700	1860	24.00	23.22	119.67%	0.006	0.007	-
LTE Band 2_Main			1	0	Bottom Surface	0	18900	1880	24.00	23.37	115.61%	0.006	0.007	-
LTE Band 2_Main			1	0	Bottom Surface	0	19100	1900	24.00	23.27	118.30%	0.007	0.009	004
LTE Band 2_Main			50	25	Bottom Surface	0	18900	1860	23.00	22.27	118.30%	0.006	0.007	-
LTE Band 4_Main	20MHz	QPSK	1	0	Bottom Surface	0	20050	1720	24.00	23.57	110.41%	0.006	0.006	-
LTE Band 4_Main			1	0	Bottom Surface	0	20175	1732.5	24.00	23.95	101.16%	0.005	0.005	-
LTE Band 4_Main			1	0	Bottom Surface	0	20300	1745	24.00	23.80	104.71%	0.006	0.007	005
LTE Band 4_Main			50	50	Bottom Surface	0	20175	1732.5	23.00	22.80	104.71%	0.005	0.006	-
LTE Band 5_Main	10MHz	QPSK	1	0	Bottom Surface	0	20450	829	24.50	23.20	134.90%	0.011	0.014	006
LTE Band 5_Main			1	0	Bottom Surface	0	20525	836.5	24.50	23.12	137.40%	0.009	0.012	-
LTE Band 5_Main			1	0	Bottom Surface	0	20600	844	24.50	23.08	138.68%	0.009	0.013	-
LTE Band 5_Main			25	25	Bottom Surface	0	20450	829	23.50	22.15	136.46%	0.010	0.013	-
LTE Band 7_Main	20MHz	QPSK	1	0	Bottom Surface	0	20850	2510	24.00	23.23	119.40%	0.007	0.009	-
LTE Band 7_Main			1	0	Bottom Surface	0	21100	2535	24.00	23.74	106.17%	0.008	0.008	-
LTE Band 7_Main			1	0	Bottom Surface	0	21350	2560	24.00	23.68	107.65%	0.010	0.011	007
LTE Band 7_Main			50	0	Bottom Surface	0	21100	2535	23.00	22.56	110.66%	0.007	0.008	-
LTE Band 12_Main	10MHz	QPSK	1	0	Bottom Surface	0	23060	704	24.50	23.46	127.06%	0.009	0.011	008
LTE Band 12_Main			1	0	Bottom Surface	0	23095	707.5	24.50	23.75	118.89%	0.007	0.008	-
LTE Band 12_Main			1	0	Bottom Surface	0	23130	711	24.50	24.03	111.43%	0.007	0.008	-
LTE Band 12_Main			25	0	Bottom Surface	0	23130	711	23.50	22.89	115.08%	0.006	0.007	-
LTE Band 13_Main	10MHz	QPSK	1	0	Bottom Surface	0	23230	782	24.50	24.11	109.40%	0.015	0.016	009
LTE Band 13_Main			25	0	Bottom Surface	0	23230	782	23.50	22.96	113.24%	0.012	0.014	-
LTE Band 14_Main	10MHz	QPSK	1	0	Bottom Surface	0	23330	793	24.50	24.11	109.40%	0.013	0.014	010
LTE Band 14_Main			25	25	Bottom Surface	0	23330	793	23.50	22.96	113.24%	0.012	0.013	-
LTE Band 17_Main	10MHz	QPSK	1	0	Bottom Surface	0	23780	709	24.50	23.45	127.35%	0.009	0.012	011
LTE Band 17_Main			1	0	Bottom Surface	0	23790	710	24.50	23.62	122.46%	0.008	0.009	-
LTE Band 17_Main			1	0	Bottom Surface	0	23800	711	24.50	23.75	118.89%	0.009	0.010	-
LTE Band 17_Main			25	0	Bottom Surface	0	23800	711	23.50	22.67	121.06%	0.008	0.010	-
LTE Band 25_Main	20MHz	QPSK	1	0	Bottom Surface	0	26140	1860	24.00	23.67	107.89%	0.007	0.007	-
LTE Band 25_Main			1	0	Bottom Surface	0	26365	1882.5	24.00	23.76	105.68%	0.009	0.010	012
LTE Band 25_Main			1	0	Bottom Surface	0	26590	1905	24.00	23.15	121.62%	0.007	0.009	-
LTE Band 25_Main			50	0	Bottom Surface	0	26365	1882.5	23.00	22.64	108.64%	0.008	0.009	-
LTE Band 26_FCC_Main	15MHz	QPSK	1	0	Bottom Surface	0	26765	821.5	24.50	23.78	118.03%	0.009	0.011	-
LTE Band 26_FCC_Main			1	0	Bottom Surface	0	26865	831.5	24.50	23.45	127.35%	0.010	0.013	013
LTE Band 26_FCC_Main			1	0	Bottom Surface	0	26965	841.5	24.50	23.56	124.17%	0.009	0.011	-
LTE Band 26_FCC_Main			36	37	Bottom Surface	0	26765	821.5	23.50	22.60	123.03%	0.009	0.011	-
LTE Band 30_Main	10MHz	QPSK	1	0	Bottom Surface	0	27710	2310	23.00	22.22	119.67%	0.012	0.014	015
LTE Band 30_Main			25	12	Bottom Surface	0	27710	2310	22.00	21.04	124.74%	0.010	0.013	-
LTE Band 66_Main	20MHz	QPSK	1	0	Bottom Surface	0	132072	1720	24.00	23.52	111.69%	0.006	0.007	-
LTE Band 66_Main			1	0	Bottom Surface	0	132322	1745	24.00	23.44	113.76%	0.007	0.008	016
LTE Band 66_Main			1	0	Bottom Surface	0	132572	1770	24.00	23.48	112.72%	0.006	0.007	-
LTE Band 66_Main			50	0	Bottom Surface	0	132072	1720	23.00	22.45	113.50%	0.005	0.006	-
LTE Band 71_Main	20MHz	QPSK	1	0	Bottom Surface	0	133222	673	24.00	23.40	114.82%	0.006	0.007	-
LTE Band 71_Main			1	0	Bottom Surface	0	133297	680.5	24.00	23.37	115.61%	0.007	0.008	-
LTE Band 71_Main			1	0	Bottom Surface	0	133372	688	24.00	23.45	113.50%	0.009	0.010	017
LTE Band 71_Main			50	0	Bottom Surface	0	133297	680.5	23.00	22.33	116.68%	0.005	0.006	-
LTE Band 38_Main	20MHz	QPSK	1	0	Bottom Surface	0	37850	2580	24.00	23.25	118.85%	0.017	0.020	018
LTE Band 38_Main			1	0	Bottom Surface	0	38000	2595	24.00	23.12	122.46%	0.015	0.018	-
LTE Band 38_Main			1	0	Bottom Surface	0	38150	2610	24.00	23.22	119.67%	0.015	0.018	-
LTE Band 38_Main			50	50	Bottom Surface	0	37850	2580	23.00	22.22	119.67%	0.011	0.013	-

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 41_PC3_Main	20MHz	QPSK	1	0	Bottom Surface	0	39750	2506	24.00	23.54	111.17%	0.011	0.012	-
LTE Band 41_PC3_Main			1	0	Bottom Surface	0	40185	2549.5	24.00	23.57	110.41%	0.010	0.011	-
LTE Band 41_PC3_Main			1	0	Bottom Surface	0	40620	2593	24.00	23.67	107.89%	0.011	0.012	-
LTE Band 41_PC3_Main			1	0	Bottom Surface	0	41055	2636.5	24.00	23.40	114.82%	0.010	0.012	-
LTE Band 41_PC3_Main			1	0	Bottom Surface	0	41490	2680	24.00	23.58	110.15%	0.011	0.012	019
LTE Band 41_PC3_Main			50	0	Bottom Surface	0	40620	2593	23.00	22.50	112.20%	0.010	0.011	-
LTE Band 41_PC2_Main	20MHz	QPSK	1	0	Bottom Surface	0	39750	2506	27.00	25.83	130.92%	0.006	0.008	-
LTE Band 41_PC2_Main			1	0	Bottom Surface	0	40185	2549.5	27.00	25.94	127.64%	0.007	0.009	-
LTE Band 41_PC2_Main			1	0	Bottom Surface	0	40620	2593	27.00	26.02	125.31%	0.009	0.011	-
LTE Band 41_PC2_Main			1	0	Bottom Surface	0	41055	2636.5	27.00	25.82	131.22%	0.010	0.013	-
LTE Band 41_PC2_Main			1	0	Bottom Surface	0	41490	2680	27.00	25.90	128.82%	0.012	0.015	020
LTE Band 41_PC2_Main			50	0	Bottom Surface	0	40620	2593	26.00	24.81	131.52%	0.006	0.008	-
LTE Band 42_Part1_Main	20MHz	QPSK	1	0	Bottom Surface	0	42190	3460	24.00	23.90	102.33%	0.015	0.015	-
LTE Band 42_Part1_Main			1	0	Bottom Surface	0	42590	3500	24.00	23.88	102.80%	0.016	0.016	-
LTE Band 42_Part1_Main			1	0	Bottom Surface	0	42990	3540	24.00	23.92	101.86%	0.017	0.018	023
LTE Band 42_Part1_Main			50	0	Bottom Surface	0	42990	3540	23.00	22.85	103.51%	0.013	0.013	-
LTE Band 42_Part2_Main	20MHz	QPSK	1	0	Bottom Surface	0	43190	3560	22.00	21.87	103.04%	0.012	0.012	-
LTE Band 42_Part2_Main			1	0	Bottom Surface	0	43340	3575	22.00	21.92	101.86%	0.014	0.014	-
LTE Band 42_Part2_Main			1	0	Bottom Surface	0	43490	3590	22.00	21.90	102.33%	0.016	0.016	024
LTE Band 42_Part2_Main			50	25	Bottom Surface	0	43490	3590	21.00	20.87	103.04%	0.013	0.013	-
LTE Band 48_Main	20MHz	QPSK	1	0	Bottom Surface	0	55340	3560	22.00	21.67	107.89%	0.013	0.014	-
LTE Band 48_Main			1	0	Bottom Surface	0	55830	3609	22.00	21.87	103.04%	0.014	0.014	-
LTE Band 48_Main			1	0	Bottom Surface	0	56150	3641	22.00	21.92	101.86%	0.015	0.015	027
LTE Band 48_Main			1	0	Bottom Surface	0	56640	3690	22.00	21.84	103.75%	0.013	0.013	-
LTE Band 48_Main			50	25	Bottom Surface	0	56150	3641	21.00	20.87	103.04%	0.010	0.010	-

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	
NR n2_Main	20MHz	SCS 15kHz Pv2 BPSK	1	1	Bottom Surface	0	372000	1860	24.00	23.51	111.94%	0.006	0.007	-
NR n2_Main			1	1	Bottom Surface	0	376000	1880	24.00	23.44	113.76%	0.008	0.009	-
NR n2_Main			1	1	Bottom Surface	0	380000	1900	24.00	23.38	115.35%	0.009	0.011	028
NR n2_Main			50	28	Bottom Surface	0	376000	1880	24.00	23.34	116.41%	0.006	0.007	-
NR n5_Main	20MHz	SCS 15kHz Pv2 BPSK	1	1	Bottom Surface	0	166800	834	24.00	23.55	110.92%	0.006	0.007	-
NR n5_Main			1	1	Bottom Surface	0	167300	836.5	24.00	23.60	109.65%	0.008	0.009	-
NR n5_Main			1	1	Bottom Surface	0	167800	839	24.00	23.41	114.55%	0.010	0.011	029
NR n5_Main			50	28	Bottom Surface	0	167300	836.5	24.00	23.48	112.72%	0.006	0.007	-
NR n7_Main	20MHz	SCS 15kHz Pv2 BPSK	1	1	Bottom Surface	0	502000	2510	24.00	23.41	114.55%	0.014	0.016	-
NR n7_Main			1	1	Bottom Surface	0	507000	2535	24.00	23.78	105.20%	0.016	0.017	-
NR n7_Main			1	1	Bottom Surface	0	512000	2560	24.00	23.92	101.86%	0.017	0.017	030
NR n7_Main			50	28	Bottom Surface	0	512000	2560	24.00	23.74	106.17%	0.015	0.016	-
NR n12_Main	15MHz	SCS 15kHz Pv2 BPSK	1	1	Bottom Surface	0	141300	706.5	24.00	23.10	123.03%	0.008	0.010	031
NR n12_Main			1	1	Bottom Surface	0	141500	707.5	24.00	23.03	125.03%	0.006	0.008	-
NR n12_Main			1	1	Bottom Surface	0	141700	708.5	24.00	23.20	120.23%	0.005	0.006	-
NR n12_Main			36	22	Bottom Surface	0	141700	708.5	24.00	23.13	122.18%	0.002	0.002	-
NR n13_Main	10MHz	SCS 15kHz Pv2 BPSK	1	1	Bottom Surface	0	156400	782	24.00	23.45	113.50%	0.013	0.015	032
NR n13_Main			25	13	Bottom Surface	0	156400	782	24.00	23.35	116.14%	0.011	0.013	-
NR n14_Main	10MHz	SCS 15kHz Pv2 BPSK	1	1	Bottom Surface	0	158600	793	24.00	23.45	113.50%	0.013	0.015	033
NR n14_Main			25	13	Bottom Surface	0	158600	793	24.00	23.29	117.76%	0.010	0.012	-
NR n25_Main	20MHz	SCS 15kHz Pv2 BPSK	1	1	Bottom Surface	0	372000	1860	24.00	23.51	111.94%	0.007	0.008	-
NR n25_Main			1	1	Bottom Surface	0	376500	1882.5	24.00	23.42	114.29%	0.010	0.011	034
NR n25_Main			1	1	Bottom Surface	0	381000	1905	24.00	23.12	122.46%	0.006	0.007	-
NR n25_Main			50	28	Bottom Surface	0	372000	1860	24.00	23.40	114.82%	0.005	0.006	-
NR n26_Main	20MHz	SCS 15kHz Pv2 BPSK	1	1	Bottom Surface	0	164800	824	24.00	23.54	111.17%	0.008	0.009	-
NR n26_Main			1	1	Bottom Surface	0	166300	831.5	24.00	23.37	115.61%	0.009	0.010	-
NR n26_Main			1	1	Bottom Surface	0	167800	839	24.00	23.32	116.96%	0.011	0.012	035
NR n26_Main			50	28	Bottom Surface	0	164800	824	24.00	23.43	114.02%	0.006	0.007	-
NR n30_Main	10MHz	SCS 15kHz Pv2 BPSK	1	1	Bottom Surface	0	462000	2310	23.00	22.15	121.62%	0.011	0.013	036
NR n30_Main			25	13	Bottom Surface	0	462000	2310	23.00	22.01	125.60%	0.008	0.010	-
NR n66_Main	20MHz	SCS 15kHz Pv2 BPSK	1	1	Bottom Surface	0	344000	1720	24.00	23.24	119.12%	0.011	0.013	-
NR n66_Main			1	1	Bottom Surface	0	349000	1745	24.00	23.21	119.95%	0.015	0.018	037
NR n66_Main			1	1	Bottom Surface	0	354000	1770	24.00	23.03	125.03%	0.012	0.015	-
NR n66_Main			50	28	Bottom Surface	0	349000	1745	24.00	23.15	121.62%	0.012	0.015	-
NR n70_Main	15MHz	SCS 15kHz Pv2 BPSK	1	1	Bottom Surface	0	340500	1702.5	24.00	23.94	101.39%	0.014	0.014	038
NR n70_Main			36	22	Bottom Surface	0	340500	1702.5	24.00	23.82	104.23%	0.011	0.011	-
NR n71_Main	20MHz	SCS 15kHz Pv2 BPSK	1	1	Bottom Surface	0	134600	673	24.00	23.40	114.82%	0.004	0.005	-
NR n71_Main			1	1	Bottom Surface	0	136100	680.5	24.00	23.45	113.50%	0.005	0.006	-
NR n71_Main			1	1	Bottom Surface	0	137600	688	24.00	23.60	109.65%	0.008	0.009	039
NR n71_Main			50	28	Bottom Surface	0	137600	688	24.00	23.44	113.76%	0.006	0.007	-

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.

NR n38_Main	20MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	516000	2580	24.00	23.51	111.94%	0.006	0.007	-
NR n38_Main			1	1	Bottom Surface	0	519000	2595	24.00	23.45	113.50%	0.009	0.010	-
NR n38_Main			1	1	Bottom Surface	0	522000	2610	24.00	23.50	112.20%	0.015	0.017	040
NR n38_Main			25	13	Bottom Surface	0	516000	2580	24.00	23.40	114.82%	0.003	0.003	-
NR n41_PC3_Main	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	509202	2546.01	24.00	23.53	111.43%	0.013	0.014	-
NR n41_PC3_Main			1	1	Bottom Surface	0	518598	2592.99	24.00	23.82	104.23%	0.015	0.016	-
NR n41_PC3_Main			1	1	Bottom Surface	0	528000	2640	24.00	23.41	114.55%	0.017	0.019	041
NR n41_PC3_Main			135	69	Bottom Surface	0	518598	2592.99	24.00	23.71	106.91%	0.012	0.013	-
NR n41_PC2_Main	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	509202	2546.01	27.00	26.23	119.40%	0.019	0.023	-
NR n41_PC2_Main			1	1	Bottom Surface	0	518598	2592.99	27.00	26.72	106.66%	0.021	0.022	-
NR n41_PC2_Main			1	1	Bottom Surface	0	528000	2640	27.00	26.51	111.94%	0.024	0.027	042
NR n41_PC2_Main			135	69	Bottom Surface	0	518598	2592.99	27.00	26.64	108.64%	0.020	0.022	-
NR n48_Main	40MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	638000	3570	22.00	21.45	113.50%	0.015	0.017	-
NR n48_Main			1	1	Bottom Surface	0	641668	3625.02	22.00	21.76	105.68%	0.017	0.018	-
NR n48_Main			1	1	Bottom Surface	0	645332	3679.98	22.00	21.88	102.80%	0.018	0.019	043
NR n48_Main			50	28	Bottom Surface	0	645332	3679.98	22.00	21.77	105.44%	0.016	0.017	-
NR n77_PC3_Part3_Main	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	650000	3750	24.00	23.78	105.20%	0.018	0.019	044
NR n77_PC3_Part3_Main			1	1	Bottom Surface	0	653000	3795	24.00	23.82	104.23%	0.015	0.016	-
NR n77_PC3_Part3_Main			1	1	Bottom Surface	0	656000	3840	24.00	23.54	111.17%	0.014	0.016	-
NR n77_PC3_Part3_Main			1	1	Bottom Surface	0	659000	3885	24.00	23.56	110.66%	0.012	0.013	-
NR n77_PC3_Part3_Main			1	1	Bottom Surface	0	662000	3930	24.00	23.42	114.29%	0.011	0.013	-
NR n77_PC3_Part3_Main			135	69	Bottom Surface	0	653000	3795	24.00	23.73	106.41%	0.011	0.012	-
NR n77_PC2_Part3_Main	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	650000	3750	27.00	26.82	104.23%	0.031	0.032	045
NR n77_PC2_Part3_Main			1	1	Bottom Surface	0	653000	3795	27.00	26.51	111.94%	0.026	0.029	-
NR n77_PC2_Part3_Main			1	1	Bottom Surface	0	656000	3840	27.00	26.66	108.14%	0.024	0.026	-
NR n77_PC2_Part3_Main			1	1	Bottom Surface	0	659000	3885	27.00	26.72	106.66%	0.023	0.025	-
NR n77_PC2_Part3_Main			1	1	Bottom Surface	0	662000	3930	27.00	26.54	111.17%	0.020	0.022	-
NR n77_PC2_Part3_Main			135	69	Bottom Surface	0	650000	3750	27.00	26.64	108.64%	0.027	0.029	-
NR n77 & n78_PC3_Part1_Main	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	633334	3500.01	22.00	21.58	110.15%	0.016	0.018	046
NR n77 & n78_PC3_Part1_Main			1	1	Bottom Surface	0	635834	3537.51	22.00	21.44	113.78%	0.014	0.016	-
NR n77 & n78_PC3_Part1_Main			1	1	Bottom Surface	0	638334	3575.01	22.00	21.37	115.61%	0.013	0.015	-
NR n77 & n78_PC3_Part1_Main			1	1	Bottom Surface	0	640834	3612.51	22.00	21.63	108.89%	0.011	0.012	-
NR n77 & n78_PC3_Part1_Main			1	1	Bottom Surface	0	643334	3650.01	22.00	21.89	102.57%	0.010	0.010	-
NR n77 & n78_PC3_Part1_Main			135	69	Bottom Surface	0	643334	3650.01	22.00	21.81	104.47%	0.007	0.007	-
NR n78_PC3_Part2_Main	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	650000	3750	24.00	23.83	103.99%	0.018	0.019	047
NR n78_PC3_Part2_Main			135	69	Bottom Surface	0	650000	3750	24.00	23.70	107.15%	0.015	0.016	-
NR n78_PC2_Part2_Main	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	650000	3750	27.00	26.77	105.44%	0.025	0.026	048
NR n78_PC2_Part2_Main			135	69	Bottom Surface	0	650000	3750	27.00	26.63	108.89%	0.022	0.024	-

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.

Aux 2

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_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	18700	1860	24.00	23.41	114.55%	0.009	0.010	-
LTE Band 2_Aux 2			1	0	Bottom Surface	0	18900	1880	24.00	23.44	113.76%	0.010	0.011	-
LTE Band 2_Aux 2			1	0	Bottom Surface	0	19100	1900	24.00	23.37	115.61%	0.012	0.014	049
LTE Band 2_Aux 2			50	50	Bottom Surface	0	18900	1860	23.00	22.35	116.14%	0.009	0.010	-
LTE Band 4_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	20050	1720	24.00	23.58	110.15%	0.024	0.026	-
LTE Band 4_Aux 2			1	0	Bottom Surface	0	20175	1732.5	24.00	23.87	103.04%	0.026	0.027	-
LTE Band 4_Aux 2			1	0	Bottom Surface	0	20300	1745	24.00	23.90	102.33%	0.029	0.029	050
LTE Band 4_Aux 2			50	25	Bottom Surface	0	20300	1745	23.00	22.79	104.95%	0.025	0.026	-
LTE Band 7_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	20850	2510	24.00	23.45	113.50%	0.018	0.020	-
LTE Band 7_Aux 2			1	0	Bottom Surface	0	21100	2535	24.00	23.62	109.14%	0.021	0.023	-
LTE Band 7_Aux 2			1	0	Bottom Surface	0	21350	2560	24.00	23.54	111.17%	0.022	0.025	051
LTE Band 7_Aux 2			50	0	Bottom Surface	0	21100	2535	23.00	22.59	109.90%	0.017	0.019	-
LTE Band 25_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	26140	1860	24.00	23.51	111.94%	0.015	0.017	-
LTE Band 25_Aux 2			1	0	Bottom Surface	0	26365	1882.5	24.00	23.89	102.57%	0.019	0.019	052
LTE Band 25_Aux 2			1	0	Bottom Surface	0	26590	1905	24.00	23.45	113.50%	0.016	0.018	-
LTE Band 25_Aux 2			50	0	Bottom Surface	0	26365	1882.5	23.00	22.77	105.44%	0.016	0.017	-
LTE Band 30_Aux 2	10MHz	QPSK	1	0	Bottom Surface	0	27710	2310	23.00	22.38	115.35%	0.018	0.021	053
LTE Band 30_Aux 2			25	12	Bottom Surface	0	27710	2310	22.00	21.31	117.22%	0.015	0.018	-
LTE Band 66_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	132072	1720	24.00	23.56	110.66%	0.023	0.025	-
LTE Band 66_Aux 2			1	0	Bottom Surface	0	132322	1745	24.00	23.70	107.15%	0.026	0.028	054
LTE Band 66_Aux 2			1	0	Bottom Surface	0	132572	1770	24.00	23.41	114.55%	0.022	0.025	-
LTE Band 66_Aux 2			50	50	Bottom Surface	0	132322	1745	23.00	22.53	111.43%	0.023	0.026	-
LTE Band 38_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	37850	2580	24.00	23.55	110.92%	0.019	0.021	055
LTE Band 38_Aux 2			1	0	Bottom Surface	0	38000	2595	24.00	23.67	107.89%	0.017	0.018	-
LTE Band 38_Aux 2			1	0	Bottom Surface	0	38150	2610	24.00	23.42	114.29%	0.016	0.018	-
LTE Band 38_Aux 2			50	0	Bottom Surface	0	38000	2595	23.00	22.53	111.43%	0.011	0.012	-
LTE Band 41_PC3_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	39750	2506	24.00	23.32	116.95%	0.024	0.028	-
LTE Band 41_PC3_Aux 2			1	0	Bottom Surface	0	40185	2549.5	24.00	23.66	108.14%	0.026	0.028	-
LTE Band 41_PC3_Aux 2			1	0	Bottom Surface	0	40620	2593	24.00	23.65	108.39%	0.025	0.027	-
LTE Band 41_PC3_Aux 2			1	0	Bottom Surface	0	41055	2636.5	24.00	23.40	114.82%	0.027	0.031	-
LTE Band 41_PC3_Aux 2			1	0	Bottom Surface	0	41490	2680	24.00	23.49	112.46%	0.028	0.031	056
LTE Band 41_PC3_Aux 2			50	0	Bottom Surface	0	40185	2549.5	23.00	22.56	110.66%	0.022	0.024	-
LTE Band 41_PC2_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	39750	2506	27.00	25.93	127.94%	0.031	0.040	-
LTE Band 41_PC2_Aux 2			1	0	Bottom Surface	0	40185	2549.5	27.00	25.89	129.12%	0.030	0.039	-
LTE Band 41_PC2_Aux 2			1	0	Bottom Surface	0	40620	2593	27.00	26.21	119.95%	0.032	0.038	-
LTE Band 41_PC2_Aux 2			1	0	Bottom Surface	0	41055	2636.5	27.00	26.17	121.06%	0.033	0.040	-
LTE Band 41_PC2_Aux 2			1	0	Bottom Surface	0	41490	2680	27.00	25.99	126.18%	0.034	0.043	057
LTE Band 41_PC2_Aux 2			50	0	Bottom Surface	0	41055	2636.5	26.00	25.14	121.90%	0.026	0.032	-
LTE Band 42_Part1_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	42190	3460	24.00	23.87	103.04%	0.131	0.135	-
LTE Band 42_Part1_Aux 2			1	0	Bottom Surface	0	42590	3500	24.00	23.95	101.16%	0.145	0.147	-
LTE Band 42_Part1_Aux 2			1	0	Bottom Surface	0	42990	3540	24.00	23.92	101.86%	0.153	0.156	060
LTE Band 42_Part1_Aux 2			50	0	Bottom Surface	0	42190	3460	23.00	22.76	105.68%	0.118	0.125	-
LTE Band 42_Part2_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	43190	3560	22.00	21.94	101.39%	0.072	0.073	-
LTE Band 42_Part2_Aux 2			1	0	Bottom Surface	0	43340	3575	22.00	21.89	102.57%	0.081	0.083	-
LTE Band 42_Part2_Aux 2			1	0	Bottom Surface	0	43490	3590	22.00	21.85	103.51%	0.099	0.102	061
LTE Band 42_Part2_Aux 2			50	25	Bottom Surface	0	43190	3560	21.00	20.84	103.75%	0.063	0.065	-
LTE Band 48_Aux 2	20MHz	QPSK	1	0	Bottom Surface	0	55340	3560	22.00	21.78	105.20%	0.041	0.043	-
LTE Band 48_Aux 2			1	0	Bottom Surface	0	55830	3609	22.00	21.87	103.04%	0.048	0.049	-
LTE Band 48_Aux 2			1	0	Bottom Surface	0	56150	3641	22.00	21.82	104.23%	0.056	0.058	-
LTE Band 48_Aux 2			1	0	Bottom Surface	0	56640	3690	22.00	21.95	101.16%	0.062	0.063	064
LTE Band 48_Aux 2			50	50	Bottom Surface	0	56640	3690	21.00	20.83	103.99%	0.055	0.057	-

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 n2_Aux 2	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	372000	1860	24.00	23.51	111.94%	0.016	0.018	-
NR n2_Aux 2			1	1	Bottom Surface	0	376000	1880	24.00	23.34	116.41%	0.018	0.021	-
NR n2_Aux 2			1	1	Bottom Surface	0	380000	1900	24.00	23.36	115.88%	0.020	0.023	065
NR n2_Aux 2			50	28	Bottom Surface	0	372000	1860	24.00	23.40	114.82%	0.014	0.016	-
NR n7_Aux 2	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	502000	2510	24.00	23.42	114.29%	0.025	0.029	-
NR n7_Aux 2			1	1	Bottom Surface	0	507000	2535	24.00	23.67	107.89%	0.026	0.028	-
NR n7_Aux 2			1	1	Bottom Surface	0	512000	2560	24.00	23.53	111.43%	0.028	0.031	066
NR n7_Aux 2			50	28	Bottom Surface	0	507000	2535	24.00	23.55	110.92%	0.024	0.027	-
NR n25_Aux 2	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	372000	1860	24.00	23.16	121.34%	0.019	0.023	-
NR n25_Aux 2			1	1	Bottom Surface	0	376500	1882.5	24.00	23.42	114.29%	0.024	0.027	067
NR n25_Aux 2			1	1	Bottom Surface	0	381000	1905	24.00	23.30	117.49%	0.021	0.025	-
NR n25_Aux 2			50	28	Bottom Surface	0	376500	1882.5	24.00	23.31	117.22%	0.020	0.023	-
NR n30_Aux 2	10MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	462000	2310	23.00	22.37	115.61%	0.027	0.031	068
NR n30_Aux 2			25	13	Bottom Surface	0	462000	2310	23.00	22.23	119.40%	0.024	0.029	-
NR n66_Aux 2	20MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	344000	1720	24.00	23.41	114.55%	0.031	0.036	-
NR n66_Aux 2			1	1	Bottom Surface	0	349000	1745	24.00	23.48	112.72%	0.034	0.038	069
NR n66_Aux 2			1	1	Bottom Surface	0	354000	1770	24.00	23.15	121.62%	0.030	0.036	-
NR n66_Aux 2			50	28	Bottom Surface	0	349000	1745	24.00	23.37	115.61%	0.031	0.036	-
NR n70_Aux 2	15MHz	SCS 15kHz Pi/2 BPSK	1	1	Bottom Surface	0	340500	1702.5	24.00	23.91	102.09%	0.052	0.053	070
NR n70_Aux 2			36	22	Bottom Surface	0	340500	1702.5	24.00	23.73	106.41%	0.049	0.052	-
NR n38_Aux 2	20MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	516000	2580	24.00	23.82	104.23%	0.036	0.038	-
NR n38_Aux 2			1	1	Bottom Surface	0	519000	2595	24.00	23.77	105.44%	0.038	0.040	-
NR n38_Aux 2			1	1	Bottom Surface	0	522000	2610	24.00	23.53	111.43%	0.041	0.046	071
NR n38_Aux 2			25	13	Bottom Surface	0	516000	2580	24.00	23.68	107.65%	0.034	0.037	-
NR n41_PC2_Aux 2	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	509202	2546.01	24.00	23.68	107.65%	0.033	0.036	-
NR n41_PC3_Aux 2			1	1	Bottom Surface	0	518598	2592.99	24.00	23.89	102.57%	0.034	0.035	-
NR n41_PC3_Aux 2			1	1	Bottom Surface	0	528000	2640	24.00	23.92	101.86%	0.037	0.038	072
NR n41_PC3_Aux 2			135	69	Bottom Surface	0	528000	2640	24.00	23.80	104.71%	0.034	0.036	-
NR n41_PC2_Aux 2	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	509202	2546.01	27.00	26.10	123.03%	0.054	0.066	-
NR n41_PC2_Aux 2			1	1	Bottom Surface	0	518598	2592.99	27.00	26.57	110.41%	0.058	0.064	-
NR n41_PC2_Aux 2			1	1	Bottom Surface	0	528000	2640	27.00	26.37	115.61%	0.062	0.072	073
NR n41_PC2_Aux 2			135	69	Bottom Surface	0	518598	2592.99	27.00	26.48	112.72%	0.053	0.060	-
NR n48_Aux 2	40MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	638000	3570	22.00	21.68	107.65%	0.066	0.071	-
NR n48_Aux 2			1	1	Bottom Surface	0	641668	3625.02	22.00	21.89	102.57%	0.071	0.073	-
NR n48_Aux 2			1	1	Bottom Surface	0	645332	3679.98	22.00	21.94	101.39%	0.077	0.078	074
NR n48_Aux 2			50	28	Bottom Surface	0	645332	3679.98	22.00	21.84	103.75%	0.072	0.075	-
NR n77_PC3_Part3_Aux 2	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	650000	3750	24.00	23.97	100.69%	0.086	0.087	075
NR n77_PC3_Part3_Aux 2			1	1	Bottom Surface	0	653000	3795	24.00	23.86	103.28%	0.079	0.082	-
NR n77_PC3_Part3_Aux 2			1	1	Bottom Surface	0	656000	3840	24.00	23.67	107.89%	0.076	0.082	-
NR n77_PC3_Part3_Aux 2			1	1	Bottom Surface	0	659000	3885	24.00	23.82	104.23%	0.072	0.075	-
NR n77_PC3_Part3_Aux 2			1	1	Bottom Surface	0	662000	3930	24.00	23.62	109.14%	0.067	0.073	-
NR n77_PC3_Part3_Aux 2			135	69	Bottom Surface	0	650000	3750	24.00	23.83	103.99%	0.081	0.084	-
NR n77_PC2_Part3_Aux 2	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	650000	3750	27.00	26.78	105.20%	0.265	0.279	076
NR n77_PC2_Part3_Aux 2			1	1	Bottom Surface	0	653000	3795	27.00	26.88	102.80%	0.202	0.208	-
NR n77_PC2_Part3_Aux 2			1	1	Bottom Surface	0	656000	3840	27.00	26.56	110.66%	0.156	0.173	-
NR n77_PC2_Part3_Aux 2			1	1	Bottom Surface	0	659000	3885	27.00	26.45	113.50%	0.135	0.153	-
NR n77_PC2_Part3_Aux 2			1	1	Bottom Surface	0	662000	3930	27.00	26.58	110.15%	0.121	0.133	-
NR n77_PC2_Part3_Aux 2			135	69	Bottom Surface	0	653000	3795	27.00	26.80	104.71%	0.155	0.162	-
NR n77 & n78_PC3_Part1_Aux 2	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	633334	3500.01	22.00	21.45	113.50%	0.075	0.085	077
NR n77 & n78_PC3_Part1_Aux 2			1	1	Bottom Surface	0	635834	3537.51	22.00	21.67	107.89%	0.065	0.070	-
NR n77 & n78_PC3_Part1_Aux 2			1	1	Bottom Surface	0	638334	3575.01	22.00	21.83	103.99%	0.061	0.063	-
NR n77 & n78_PC3_Part1_Aux 2			1	1	Bottom Surface	0	640834	3612.51	22.00	21.54	111.17%	0.058	0.064	-
NR n77 & n78_PC3_Part1_Aux 2			1	1	Bottom Surface	0	643334	3650.01	22.00	21.43	114.02%	0.056	0.064	-
NR n77 & n78_PC3_Part1_Aux 2			135	69	Bottom Surface	0	638334	3575.01	22.00	21.71	106.91%	0.057	0.061	-
NR n78_PC3_Part2_Aux 2	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	650000	3750	24.00	23.86	103.28%	0.136	0.140	078
NR n78_PC3_Part2_Aux 2			135	69	Bottom Surface	0	650000	3750	24.00	23.72	106.66%	0.122	0.130	-
NR n78_PC2_Part2_Aux 2	100MHz	SCS 30kHz Pi/2 BPSK	1	1	Bottom Surface	0	650000	3750	27.00	26.94	101.39%	0.267	0.271	079
NR n78_PC2_Part2_Aux 2			135	69	Bottom Surface	0	650000	3750	27.00	26.83	103.99%	0.233	0.242	-

Note:

Reported SAR = measured SAR * 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 SIMULTANEOUS TRANSMISSION ANALYSIS

7.1 Simultaneous Transmission Scenarios:

Simultaneous Transmission configurations
WWAN + WLAN 2.4GHz Main + BT Aux
WWAN + WLAN 2.4GHz Main + WLAN 2.4GHz Aux
WWAN + WLAN 5GHz Main + BT Aux
WWAN + WLAN 5GHz Main + WLAN 5GHz Aux
WWAN + WLAN 5GHz Main + WLAN 5GHz Aux + BT Aux
WWAN + WLAN 6GHz Main + BT Aux
WWAN + WLAN 6GHz Main + WLAN 6GHz Aux
WWAN + WLAN 6GHz Main + WLAN 6GHz Aux + BT Aux

Note.

All of WLAN/BT SAR data for Laptop mode can be referred to Intel module SAR level, and these results are used for simultaneous transmission analysis.

(For BE200NGW, refer to Report No.: 230526-08.TR13, 230526-08.TR21, 230526-08.TR12)

(For AX211NGW, refer to Report No.: 200611-01.TR07, 210209-01.TR10, 200611-01.TR40)

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

7.2 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.

7.3 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.



Simultaneous Transmission Combination AX211NGW Main

Exposure Position			Reported SAR										Scenario 1		Scenario 2		Scenario 3		Scenario 4		Scenario 5		Scenario 6		Scenario 7		Scenario 8									
			1		2		3		4		5		6		7		8		9		1+2+3+6		1+4+5+6		1+2+7		1+4+7		1+4+5+7		1+4+7+8		1+4+8+9		1+4+7+8+9	
			WWAN	2.4GHz WLAN Main	2.4GHz WLAN Aux	5GHz WLAN Main	5GHz WLAN Aux	NFC	Bluetooth Aux	5GHz WLAN Main	5GHz WLAN Aux	9GHz WLAN Aux	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	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)	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)	
WCDMA Band II	Bottom Surface	0	0.007	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.867	1.157	0.527	0.817	1.217	0.327	0.527	0.587	0.587																
WCDMA Band IV	Bottom Surface	0	0.007	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.867	1.157	0.527	0.817	1.217	0.327	0.527	0.587	0.587																
WCDMA Band V	Bottom Surface	0	0.012	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.872	1.162	0.532	0.822	1.222	0.332	0.532	0.592	0.592																
LTE Band 2_Main	Bottom Surface	0	0.009	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.869	1.159	0.529	0.819	1.219	0.329	0.529	0.589	0.589																
LTE Band 4_Main	Bottom Surface	0	0.007	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.867	1.157	0.527	0.817	1.217	0.327	0.527	0.587	0.587																
LTE Band 5_Main	Bottom Surface	0	0.014	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.874	1.164	0.534	0.824	1.224	0.334	0.534	0.594	0.594																
LTE Band 7_Main	Bottom Surface	0	0.011	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.871	1.161	0.531	0.821	1.221	0.331	0.531	0.591	0.591																
LTE Band 12_Main	Bottom Surface	0	0.011	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.871	1.161	0.531	0.821	1.221	0.331	0.531	0.591	0.591																
LTE Band 13_Main	Bottom Surface	0	0.016	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.876	1.166	0.536	0.826	1.226	0.336	0.536	0.596	0.596																
LTE Band 14_Main	Bottom Surface	0	0.014	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.874	1.164	0.534	0.824	1.224	0.334	0.534	0.594	0.594																
LTE Band 17_Main	Bottom Surface	0	0.012	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.872	1.162	0.532	0.822	1.222	0.332	0.532	0.592	0.592																
LTE Band 25_Main	Bottom Surface	0	0.010	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.870	1.160	0.530	0.820	1.220	0.330	0.530	0.590	0.590																
LTE Band 26_FCC_Main	Bottom Surface	0	0.013	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.873	1.163	0.533	0.823	1.223	0.333	0.533	0.593	0.593																
LTE Band 30_Main	Bottom Surface	0	0.014	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.874	1.164	0.534	0.824	1.224	0.334	0.534	0.594	0.594																
LTE Band 66_Main	Bottom Surface	0	0.008	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.868	1.158	0.528	0.818	1.218	0.328	0.528	0.588	0.588																
LTE Band 71_Main	Bottom Surface	0	0.010	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.870	1.160	0.530	0.820	1.220	0.330	0.530	0.590	0.590																
LTE Band 38_Main	Bottom Surface	0	0.020	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.880	1.170	0.540	0.830	1.230	0.340	0.540	0.600	0.600																
LTE Band 41_PC3_Main	Bottom Surface	0	0.012	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.872	1.162	0.532	0.822	1.222	0.332	0.532	0.592	0.592																
LTE Band 43_PC2_Main	Bottom Surface	0	0.015	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.875	1.165	0.535	0.825	1.225	0.335	0.535	0.595	0.595																
LTE Band 42_Part1_Main	Bottom Surface	0	0.018	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.878	1.168	0.538	0.828	1.228	0.338	0.538	0.598	0.598																
LTE Band 48_Main	Bottom Surface	0	0.015	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.875	1.165	0.535	0.825	1.225	0.335	0.535	0.595	0.595																
NR n2_Main	Bottom Surface	0	0.011	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.871	1.161	0.531	0.821	1.221	0.331	0.531	0.591	0.591																
NR n5_Main	Bottom Surface	0	0.011	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.871	1.161	0.531	0.821	1.221	0.331	0.531	0.591	0.591																
NR n7_Main	Bottom Surface	0	0.017	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.877	1.167	0.537	0.827	1.227	0.337	0.537	0.597	0.597																
NR n12_Main	Bottom Surface	0	0.010	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.870	1.160	0.530	0.820	1.220	0.330	0.530	0.590	0.590																
NR n13_Main	Bottom Surface	0	0.015	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.875	1.165	0.535	0.825	1.225	0.335	0.535	0.595	0.595																
NR n14_Main	Bottom Surface	0	0.015	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.875	1.165	0.535	0.825	1.225	0.335	0.535	0.595	0.595																
NR n25_Main	Bottom Surface	0	0.011	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.871	1.161	0.531	0.821	1.221	0.331	0.531	0.591	0.591																
NR n26_Main	Bottom Surface	0	0.011	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.871	1.161	0.531	0.821	1.221	0.331	0.531	0.591	0.591																
NR n30_Main	Bottom Surface	0	0.013	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.873	1.163	0.533	0.823	1.223	0.333	0.533	0.593	0.593																
NR n66_Main	Bottom Surface	0	0.018	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.878	1.168	0.538	0.828	1.228	0.338	0.538	0.598	0.598																
NR n70_Main	Bottom Surface	0	0.018	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.878	1.168	0.538	0.828	1.228	0.338	0.538	0.598	0.598																
NR n73_Main	Bottom Surface	0	0.009	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.869	1.159	0.529	0.819	1.219	0.329	0.529	0.589	0.589																
NR n38_Main	Bottom Surface	0	0.017	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.877	1.167	0.537	0.827	1.227	0.337	0.537	0.597	0.597																
NR n41_PC3_Main	Bottom Surface	0	0.019	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.879	1.169	0.539	0.829	1.229	0.339	0.539	0.599	0.599																
NR n43_PC2_Main	Bottom Surface	0	0.027	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.887	1.177	0.547	0.837	1.237	0.347	0.547	0.607	0.607																
NR n45_Main	Bottom Surface	0	0.019	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.879	1.169	0.539	0.829	1.229	0.339	0.539	0.599	0.599																
NR n77_PC3_Part3_Main	Bottom Surface	0	0.019	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.879	1.169	0.539	0.829	1.229	0.339	0.539	0.599	0.599																
NR n77_PC3_Part3_Main	Bottom Surface	0	0.032	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.892	1.182	0.562	0.842	1.242	0.362	0.562	0.612	0.612																
NR n77 & n78_PC3_Part1_Main	Bottom Surface	0	0.018	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.878	1.168	0.538	0.828	1.228	0.338	0.538	0.598	0.598																
NR n78_PC3_Part2_Main	Bottom Surface	0	0.019	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.879	1.169	0.539	0.829	1.229	0.339	0.539	0.599	0.599																
NR n78_PC3_Part2_Main	Bottom Surface	0	0.026	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.886	1.176	0.546	0.836	1.236	0.346	0.546	0.606	0.606																

Aux 2

Exposure Position			Reported SAR										Scenario 1		Scenario 2		Scenario 3		Scenario 4		Scenario 5		Scenario 6		Scenario 7		Scenario 8	
			1	2	3	4	5	6	7	8	9	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed	Summed		
			WWAN	2.4GHz WLAN Main	2.4GHz WLAN Aux	5GHz WLAN Main	5GHz WLAN Aux	NFC	Bluetooth Aux	5GHz WLAN Main	5GHz WLAN Aux																	
			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)	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 2_Aux 2	Bottom Surface	0	0.014	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.874	1.164	0.534	0.824	1.224	0.334	0.534	0.594	0.594								
LTE Band 4_Aux 2	Bottom Surface	0	0.020	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.889	1.179	0.540	0.830	1.230	0.340	0.540	0.600	0.600								
LTE Band 7_Aux 2	Bottom Surface	0	0.025	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.885	1.175	0.545	0.835	1.235	0.345	0.545	0.605	0.605								
LTE Band 25_Aux 2	Bottom Surface	0	0.019	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.879	1.169	0.539	0.829	1.229	0.339	0.539	0.599	0.599								
LTE Band 30_Aux 2	Bottom Surface	0	0.021	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.881	1.171	0.541	0.831	1.231	0.341	0.541	0.601	0.601								
LTE Band 66_Aux 2	Bottom Surface	0	0.028	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.888	1.178	0.548	0.838	1.238	0.348	0.548	0.608	0.608								
LTE Band 38_Aux 2	Bottom Surface	0	0.021	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.881	1.171	0.541	0.831	1.231	0.341	0.541	0.601	0.601								
LTE Band 41_PC3_Aux 1	Bottom Surface	0	0.031	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.903	1.193	0.563	0.853	1.253	0.363	0.563	0.633	0.633								
LTE Band 41_PC2_Aux 2	Bottom Surface	0	0.043	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.903	1.193	0.563	0.853	1.253	0.363	0.563	0.633	0.633								
LTE Band 42_Part1_Aux 2	Bottom Surface	0	0.156	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	1.016	1.306	0.676	0.966	1.366	0.476	0.676	0.736	0.736								
LTE Band 48_Aux 2	Bottom Surface	0	0.063	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.923	1.213	0.583	0.873	1.273	0.383	0.583	0.643	0.643								
NR n77_Aux 2	Bottom Surface	0	0.023	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.883	1.173	0.543	0.833	1.233	0.343	0.543	0.603	0.603								
NR n77_Aux 2	Bottom Surface	0	0.031	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.903	1.193	0.563	0.853	1.253	0.363	0.563	0.633	0.633								
NR n25_Aux 2	Bottom Surface	0	0.027	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.887	1.177	0.547	0.837	1.237	0.347	0.547	0.607	0.607								
NR n30_Aux 2	Bottom Surface	0	0.031	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.891	1.181	0.551	0.841	1.241	0.351	0.551	0.611	0.611								
NR n30_Aux 2	Bottom Surface	0	0.038	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.896	1.186	0.556	0.846	1.246	0.356	0.556	0.616	0.616								
NR n30_Aux 2	Bottom Surface	0	0.038	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.896	1.186	0.556	0.846	1.246	0.356	0.556	0.616	0.616								
NR n38_Aux 2	Bottom Surface	0	0.046	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.906	1.196	0.566	0.856	1.256	0.366	0.566	0.626	0.626								
NR n41_PC3_Aux 2	Bottom Surface	0	0.038	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.898	1.188	0.558	0.848	1.248	0.358	0.558	0.618	0.618								
NR n41_PC2_Aux 2	Bottom Surface	0	0.072	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.932	1.222	0.592	0.882	1.282	0.392	0.592	0.652	0.652								
NR n48_Aux 2	Bottom Surface	0	0.078	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.938	1.228	0.598	0.888	1.288	0.398	0.598	0.658	0.658								
NR n77_PC3_Part3_Aux 2	Bottom Surface	0	0.087	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.947	1.237	0.607	0.897	1.297	0.407	0.607	0.667	0.667								
NR n77_PC2_Part3_Aux 2	Bottom Surface	0	0.279	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	1.139	1.429	0.739	1.089	1.489	0.509	0.739	0.859	0.859								
NR n77_n78_PC3_Part1_Aux 2	Bottom Surface	0	0.085	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	0.945	1.235	0.605	0.895	1.295	0.405	0.605	0.665	0.665								
NR n78_PC3_Part2_Aux 2	Bottom Surface	0	0.149	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	1.060	1.350	0.670	1.020	1.370	0.470	0.670	0.730	0.730								
NR n78_PC2_Part2_Aux 2	Bottom Surface	0	0.271	0.460	0.400	0.750	0.400	0.000	0.060	0.260	0.260	1.131	1.421	0.731	1.081	1.481	0.501	0.731	0.851	0.851								

[illegible]

LTE_Inter CA

Exposure Position			Reported S ₁												Reported S ₂												Reported S ₃												Reported S ₄												Reported S ₅												Reported S ₆												Reported S ₇												Reported S ₈												Reported S ₉												Reported S ₁₀												Reported S ₁₁												Reported S ₁₂												Reported S ₁₃												Reported S ₁₄												Reported S ₁₅												Reported S ₁₆												Reported S ₁₇												Reported S ₁₈												Reported S ₁₉												Reported S ₂₀												Reported S ₂₁												Reported S ₂₂												Reported S ₂₃												Reported S ₂₄												Reported S ₂₅												Reported S ₂₆												Reported S ₂₇												Reported S ₂₈												Reported S ₂₉												Reported S ₃₀												Reported S ₃₁												Reported S ₃₂												Reported S ₃₃												Reported S ₃₄												Reported S ₃₅												Reported S ₃₆												Reported S ₃₇												Reported S ₃₈												Reported S ₃₉												Reported S ₄₀												Reported S ₄₁												Reported S ₄₂												Reported S ₄₃												Reported S ₄₄												Reported S ₄₅												Reported S ₄₆												Reported S ₄₇												Reported S ₄₈												Reported S ₄₉												Reported S ₅₀												Reported S ₅₁												Reported S ₅₂												Reported S ₅₃												Reported S ₅₄												Reported S ₅₅												Reported S ₅₆												Reported S ₅₇												Reported S ₅₈												Reported S ₅₉												Reported S ₆₀												Reported S ₆₁												Reported S ₆₂												Reported S ₆₃												Reported S ₆₄												Reported S ₆₅												Reported S ₆₆												Reported S ₆₇												Reported S ₆₈												Reported S ₆₉												Reported S ₇₀												Reported S ₇₁												Reported S ₇₂												Reported S ₇₃												Reported S ₇₄												Reported S ₇₅												Reported S ₇₆												Reported S ₇₇												Reported S ₇₈												Reported S ₇₉												Reported S ₈₀												Reported S ₈₁												Reported S ₈₂												Reported S ₈₃												Reported S ₈₄												Reported S ₈₅												Reported S ₈₆												Reported S ₈₇												Reported S ₈₈												Reported S ₈₉												Reported S ₉₀												Reported S ₉₁												Reported S ₉₂												Reported S ₉₃												Reported S ₉₄												Reported S ₉₅												Reported S ₉₆												Reported S ₉₇												Reported S ₉₈												Reported S ₉₉												Reported S ₁₀₀											
			S ₁												S ₂												S ₃												S ₄												S ₅												S ₆												S ₇												S ₈												S ₉												S ₁₀												S ₁₁												S ₁₂												S ₁₃												S ₁₄												S ₁₅												S ₁₆												S ₁₇												S ₁₈												S ₁₉												S ₂₀												S ₂₁												S ₂₂												S ₂₃												S ₂₄												S ₂₅												S ₂₆												S ₂₇												S ₂₈												S ₂₉												S ₃₀												S ₃₁												S ₃₂												S ₃₃												S ₃₄												S ₃₅												S ₃₆												S ₃₇												S ₃₈												S ₃₉												S ₄₀												S ₄₁												S ₄₂												S ₄₃												S ₄₄												S ₄₅												S ₄₆												S ₄₇												S ₄₈												S ₄₉												S ₅₀												S ₅₁												S ₅₂												S ₅₃												S ₅₄												S ₅₅												S ₅₆												S ₅₇												S ₅₈												S ₅₉												S ₆₀												S ₆₁												S ₆₂												S ₆₃												S ₆₄												S ₆₅												S ₆₆												S ₆₇												S ₆₈												S ₆₉												S ₇₀												S ₇₁												S ₇₂												S ₇₃												S ₇₄												S ₇₅												S ₇₆												S ₇₇												S ₇₈												S ₇₉												S ₈₀												S ₈₁												S ₈₂												S ₈₃												S ₈₄												S ₈₅												S ₈₆												S ₈₇												S ₈₈												S ₈₉												S ₉₀												S ₉₁												S ₉₂												S ₉₃												S ₉₄												S ₉₅												S ₉₆												S ₉₇												S ₉₈												S ₉₉												S ₁₀₀											
			S ₁												S ₂												S ₃												S ₄												S ₅												S ₆												S ₇												S ₈												S ₉												S ₁₀												S ₁₁												S ₁₂												S ₁₃												S ₁₄												S ₁₅												S ₁₆												S ₁₇												S ₁₈												S ₁₉												S ₂₀												S ₂₁												S ₂₂												S ₂₃												S ₂₄												S ₂₅												S ₂₆												S ₂₇												S ₂₈												S ₂₉												S ₃₀												S ₃₁												S ₃₂												S ₃₃												S ₃₄												S ₃₅												S ₃₆												S ₃₇												S ₃₈												S ₃₉												S ₄₀												S ₄₁												S ₄₂												S ₄₃												S ₄₄												S ₄₅												S ₄₆												S ₄₇												S ₄₈												S ₄₉												S ₅₀												S ₅₁												S ₅₂												S ₅₃												S ₅₄												S ₅₅												S ₅₆												S ₅₇												S ₅₈												S ₅₉												S ₆₀												S ₆₁												S ₆₂												S ₆₃												S ₆₄												S ₆₅												S ₆₆												S ₆₇												S ₆₈												S ₆₉												S ₇₀												S ₇₁												S ₇₂												S ₇₃												S ₇₄												S ₇₅												S ₇₆												S ₇₇												S ₇₈												S ₇₉												S ₈₀												S ₈₁												S ₈₂												S ₈₃												S ₈₄												S ₈₅												S ₈₆												S ₈₇												S ₈₈												S ₈₉												S ₉₀												S ₉₁												S ₉₂												S ₉₃												S ₉₄												S ₉₅												S ₉₆												S ₉₇												S ₉₈												S ₉₉												S ₁₀₀											
			S ₁												S ₂												S ₃												S ₄												S ₅												S ₆												S ₇												S ₈												S ₉												S ₁₀												S ₁₁												S ₁₂												S ₁₃												S ₁₄												S ₁₅												S ₁₆												S ₁₇												S ₁₈												S ₁₉												S ₂₀												S ₂₁												S ₂₂												S ₂₃												S ₂₄												S ₂₅												S ₂₆												S ₂₇												S ₂₈												S ₂₉												S ₃₀												S ₃₁												S ₃₂												S ₃₃												S ₃₄												S ₃₅												S ₃₆												S ₃₇												S ₃₈												S ₃₉												S ₄₀												S ₄₁												S ₄₂												S ₄₃												S ₄₄												S ₄₅												S ₄₆												S ₄₇												S ₄₈												S ₄₉												S ₅₀												S ₅₁												S ₅₂												S ₅₃												S ₅₄												S ₅₅												S ₅₆												S ₅₇												S ₅₈												S ₅₉												S ₆₀												S ₆₁												S ₆₂												S ₆₃												S ₆₄												S ₆₅												S ₆₆												S ₆₇												S ₆₈												S ₆₉												S ₇₀												S ₇₁												S ₇₂												S ₇₃												S ₇₄												S ₇₅												S ₇₆												S ₇₇												S ₇₈												S ₇₉												S ₈₀												S ₈₁												S ₈₂												S ₈₃												S ₈₄												S ₈₅												S ₈₆												S ₈₇												S ₈₈												S ₈₉												S ₉₀												S ₉₁												S ₉₂												S ₉₃												S ₉₄												S ₉₅												S ₉₆												S ₉₇												S ₉₈												S ₉₉												S ₁₀₀											
LTE Band 2 Main	Bottom Surface	0	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000</																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					

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

This document 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.



NR_Inter CA

Report No.: TESA2404000229EN

Page: 290 of 377

Exposure Position		1		2		3		4		5		6		7		8		Scenario 1		Scenario 2		Scenario 3		Scenario 4		Scenario 5		Scenario 6		Scenario 7		Scenario 8		Scenario 9		Scenario 10		Scenario 11		Scenario 12		Scenario 13		Scenario 14		Scenario 15		Scenario 16		Scenario 17		Scenario 18		Scenario 19		Scenario 20		Scenario 21		Scenario 22		Scenario 23		Scenario 24		Scenario 25		Scenario 26		Scenario 27		Scenario 28		Scenario 29		Scenario 30		Scenario 31		Scenario 32		Scenario 33		Scenario 34		Scenario 35		Scenario 36		Scenario 37		Scenario 38		Scenario 39		Scenario 40		Scenario 41		Scenario 42		Scenario 43		Scenario 44		Scenario 45		Scenario 46		Scenario 47		Scenario 48		Scenario 49		Scenario 50		Scenario 51		Scenario 52		Scenario 53		Scenario 54		Scenario 55		Scenario 56		Scenario 57		Scenario 58		Scenario 59		Scenario 60		Scenario 61		Scenario 62		Scenario 63		Scenario 64		Scenario 65		Scenario 66		Scenario 67		Scenario 68		Scenario 69		Scenario 70		Scenario 71		Scenario 72		Scenario 73		Scenario 74		Scenario 75		Scenario 76		Scenario 77		Scenario 78		Scenario 79		Scenario 80		Scenario 81		Scenario 82		Scenario 83		Scenario 84		Scenario 85		Scenario 86		Scenario 87		Scenario 88		Scenario 89		Scenario 90		Scenario 91		Scenario 92		Scenario 93		Scenario 94		Scenario 95		Scenario 96		Scenario 97		Scenario 98		Scenario 99		Scenario 100		Scenario 101		Scenario 102		Scenario 103		Scenario 104		Scenario 105		Scenario 106		Scenario 107		Scenario 108		Scenario 109		Scenario 110		Scenario 111		Scenario 112		Scenario 113		Scenario 114		Scenario 115		Scenario 116		Scenario 117		Scenario 118		Scenario 119		Scenario 120		Scenario 121		Scenario 122		Scenario 123		Scenario 124		Scenario 125		Scenario 126		Scenario 127		Scenario 128		Scenario 129		Scenario 130		Scenario 131		Scenario 132		Scenario 133		Scenario 134		Scenario 135		Scenario 136		Scenario 137		Scenario 138		Scenario 139		Scenario 140		Scenario 141		Scenario 142		Scenario 143		Scenario 144		Scenario 145		Scenario 146		Scenario 147		Scenario 148		Scenario 149		Scenario 150		Scenario 151		Scenario 152		Scenario 153		Scenario 154		Scenario 155		Scenario 156		Scenario 157		Scenario 158		Scenario 159		Scenario 160		Scenario 161		Scenario 162		Scenario 163		Scenario 164		Scenario 165		Scenario 166		Scenario 167		Scenario 168		Scenario 169		Scenario 170		Scenario 171		Scenario 172		Scenario 173		Scenario 174		Scenario 175		Scenario 176		Scenario 177		Scenario 178		Scenario 179		Scenario 180		Scenario 181		Scenario 182		Scenario 183		Scenario 184		Scenario 185		Scenario 186		Scenario 187		Scenario 188		Scenario 189		Scenario 190		Scenario 191		Scenario 192		Scenario 193		Scenario 194		Scenario 195		Scenario 196		Scenario 197		Scenario 198		Scenario 199		Scenario 200		Scenario 201		Scenario 202		Scenario 203		Scenario 204		Scenario 205		Scenario 206		Scenario 207		Scenario 208		Scenario 209		Scenario 210		Scenario 211		Scenario 212		Scenario 213		Scenario 214		Scenario 215		Scenario 216		Scenario 217		Scenario 218		Scenario 219		Scenario 220		Scenario 221		Scenario 222		Scenario 223		Scenario 224		Scenario 225		Scenario 226		Scenario 227		Scenario 228		Scenario 229		Scenario 230		Scenario 231		Scenario 232		Scenario 233		Scenario 234		Scenario 235		Scenario 236		Scenario 237		Scenario 238		Scenario 239		Scenario 240		Scenario 241		Scenario 242		Scenario 243		Scenario 244		Scenario 245		Scenario 246		Scenario 247		Scenario 248		Scenario 249		Scenario 250		Scenario 251		Scenario 252		Scenario 253		Scenario 254		Scenario 255		Scenario 256		Scenario 257		Scenario 258		Scenario 259		Scenario 260		Scenario 261		Scenario 262		Scenario 263		Scenario 264		Scenario 265		Scenario 266		Scenario 267		Scenario 268		Scenario 269		Scenario 270		Scenario 271		Scenario 272		Scenario 273		Scenario 274		Scenario 275		Scenario 276		Scenario 277		Scenario 278		Scenario 279		Scenario 280		Scenario 281		Scenario 282		Scenario 283		Scenario 284		Scenario 285		Scenario 286		Scenario 287		Scenario 288		Scenario 289		Scenario 290		Scenario 291		Scenario 292		Scenario 293		Scenario 294		Scenario 295		Scenario 296		Scenario 297		Scenario 298		Scenario 299		Scenario 300		Scenario 301		Scenario 302		Scenario 303		Scenario 304		Scenario 305		Scenario 306		Scenario 307		Scenario 308		Scenario 309		Scenario 310		Scenario 311		Scenario 312		Scenario 313		Scenario 314		Scenario 315		Scenario 316		Scenario 317		Scenario 318		Scenario 319		Scenario 320		Scenario 321		Scenario 322		Scenario 323		Scenario 324		Scenario 325		Scenario 326		Scenario 327		Scenario 328		Scenario 329		Scenario 330		Scenario 331		Scenario 332		Scenario 333		Scenario 334		Scenario 335		Scenario 336		Scenario 337		Scenario 338		Scenario 339		Scenario 340		Scenario 341		Scenario 342		Scenario 343		Scenario 344		Scenario 345		Scenario 346		Scenario 347		Scenario 348		Scenario 349		Scenario 350		Scenario 351		Scenario 352		Scenario 353		Scenario 354		Scenario 355		Scenario 356		Scenario 357		Scenario 358		Scenario 359		Scenario 360		Scenario 361		Scenario 362		Scenario 363		Scenario 364		Scenario 365		Scenario 366		Scenario 367		Scenario 368		Scenario 369		Scenario 370		Scenario 371		Scenario 372		Scenario 373		Scenario 374		Scenario 375		Scenario 376		Scenario 377		Scenario 378		Scenario 379		Scenario 380		Scenario 381		Scenario 382		Scenario 383		Scenario 384		Scenario 385		Scenario 386		Scenario 387		Scenario 388		Scenario 389		Scenario 390		Scenario 391		Scenario 392		Scenario 393		Scenario 394		Scenario 395		Scenario 396		Scenario 397		Scenario 398		Scenario 399		Scenario 400		Scenario 401		Scenario 402		Scenario 403		Scenario 404		Scenario 405		Scenario 406		Scenario 407		Scenario 408		Scenario 409		Scenario 410		Scenario 411		Scenario 412		Scenario 413		Scenario 414		Scenario 415		Scenario 416		Scenario 417		Scenario 418		Scenario 419		Scenario 420		Scenario 421		Scenario 422		Scenario 423		Scenario 424		Scenario 425		Scenario 426		Scenario 427		Scenario 428		Scenario 429		Scenario 430		Scenario 431		Scenario 432		Scenario 433		Scenario 434		Scenario 435		Scenario 436		Scenario 437		Scenario 438		Scenario 439		Scenario 440		Scenario 441		Scenario 442		Scenario 443		Scenario 444		Scenario 445		Scenario 446		Scenario 447		Scenario 448		Scenario 449		Scenario 450		Scenario 451		Scenario 452		Scenario 453		Scenario 454		Scenario 455		Scenario 456		Scenario 457		Scenario 458		Scenario 459		Scenario 460		Scenario 461		Scenario 462		Scenario 463		Scenario 464		Scenario 465		Scenario 466		Scenario 467		Scenario 468		Scenario 469		Scenario 470		Scenario 471		Scenario 472		Scenario 473		Scenario 474		Scenario 475		Scenario 476		Scenario 477		Scenario 478		Scenario 479		Scenario 480		Scenario 481		Scenario 482		Scenario 483		Scenario 484		Scenario 485		Scenario 486		Scenario 487		Scenario 488		Scenario 489		Scenario 490		Scenario 491		Scenario 492		Scenario 493		Scenario 494		Scenario 495		Scenario 496		Scenario 497		Scenario 498		Scenario 499		Scenario 500		Scenario 501		Scenario 502		Scenario 503		Scenario 504		Scenario 505		Scenario 506		Scenario 507		Scenario 508		Scenario 509		Scenario 510		Scenario 511		Scenario 512		Scenario 513		Scenario 514		Scenario 515		Scenario 516		Scenario 517		Scenario 518		Scenario 519		Scenario 520		Scenario 521		Scenario 522		Scenario 523		Scenario 524		Scenario 525		Scenario 526		Scenario 527		Scenario 528		Scenario 529		Scenario 530		Scenario 531		Scenario 532		Scenario 533		Scenario 534		Scenario 535		Scenario 536		Scenario 537		Scenario 538		Scenario 539		Scenario 540		Scenario 541		Scenario 542		Scenario 543		Scenario 544		Scenario 545		Scenario 546		Scenario 547		Scenario 548		Scenario 549		Scenario 550		Scenario 551		Scenario 552		Scenario 553		Scenario 554		Scenario 555		Scenario 556		Scenario 557		Scenario 558		Scenario 559		Scenario 560		Scenario 561		Scenario 562		Scenario 563		Scenario 564		Scenario 565		Scenario 566		Scenario 567		Scenario 568		Scenario 569		Scenario 570		Scenario 571		Scenario 572		Scenario 573		Scenario 574		Scenario 575		Scenario 576		Scenario 577		Scenario 578		Scenario 579		Scenario 580		Scenario 581		Scenario 582		Scenario 583		Scenario 584		Scenario 585		Scenario 586		Scenario 587		Scenario 588		Scenario 589		Scenario 590		Scenario 591		Scenario 592		Scenario 593		Scenario 594		Scenario 595		Scenario 596		Scenario 597		Scenario 598		Scenario 599		Scenario 600		Scenario 601		Scenario 602		Scenario 603		Scenario 604		Scenario 605		Scenario 606		Scenario 607		Scenario 608		Scenario 609		Scenario 610		Scenario 611		Scenario 612		Scenario 613		Scenario 614		Scenario 615		Scenario 616		Scenario 617		Scenario 618		Scenario 619		Scenario 620		Scenario 621		Scenario 622		Scenario 623		Scenario 624		Scenario 625		Scenario 626		Scenario 627		Scenario 628		Scenario 629		Scenario 630		Scenario 631		Scenario 632		Scenario 633		Scenario 634		Scenario 635		Scenario 636		Scenario 637		Scenario 638		Scenario 639		Scenario 640		Scenario 641		Scenario 642		Scenario 643		Scenario 644		Scenario 645		Scenario 646		Scenario 647		Scenario 648		Scenario 649		Scenario 650		Scenario 651		Scenario 652		Scenario 653		Scenario 654		Scenario 655		Scenario 656		Scenario 657		Scenario 658		Scenario 659		Scenario 660		Scenario 661		Scenario 662		Scenario 663		Scenario 664		Scenario 665		Scenario 666		Scenario 667		Scenario 668		Scenario 669		Scenario 670		Scenario 671		Scenario 672		Scenario 673		Scenario 674		Scenario 675		Scenario 676		Scenario 677		Scenario 678		Scenario 679		Scenario 680		Scenario 681		Scenario 682		Scenario 683		Scenario 684		Scenario 685		Scenario 686		Scenario 687		Scenario 688		Scenario 689		Scenario 690		Scenario 691		Scenario 692		Scenario 693		Scenario 694		Scenario 695		Scenario 696		Scenario 697		Scenario 698		Scenario 699		Scenario 700		Scenario 701		Scenario 702		Scenario 703		Scenario 704		Scenario 705		Scenario 706		Scenario 707		Scenario 708		Scenario 709		Scenario 710		Scenario 711		Scenario 712		Scenario 713		Scenario 714		Scenario 715		Scenario 716		Scenario 717		Scenario 718		Scenario 719		Scenario 720		Scenario 721		Scenario 722		Scenario 723		Scenario 724		Scenario 725		Scenario 726		Scenario 727		Scenario 728		Scenario 729		Scenario 730		Scenario 731		Scenario 732		Scenario 733		Scenario 734		Scenario 735		Scenario 736		Scenario 737		Scenario 738		Scenario 739		Scenario 740		Scenario 741		Scenario 742		Scenario 743		Scenario 744		Scenario 745		Scenario 746		Scenario 747		Scenario 748		Scenario 749		Scenario 750		Scenario 751		Scenario 752		Scenario 753		Scenario 754		Scenario 755		Scenario 756		Scenario 757		Scenario 758		Scenario 759		Scenario 760		Scenario 761		Scenario 762		Scenario 763		Scenario 764		Scenario 765		Scenario 766		Scenario 767		Scenario 768		Scenario 769		Scenario 770		Scenario 771		Scenario 772		Scenario 773		Scenario 774		Scenario 775		Scenario 776		Scenario 777		Scenario 778		Scenario 779		Scenario 780		Scenario 781		Scenario 782		Scenario 783		Scenario 784		Scenario 785		Scenario 786		Scenario 787		Scenario 788		Scenario 789		Scenario 790		Scenario 791		Scenario 792		Scenario 793		Scenario 794		Scenario 795		Scenario 796		Scenario 797		Scenario 798		Scenario 799		Scenario 800		Scenario 801		Scenario 802		Scenario 803		Scenario 804		Scenario 805		Scenario 806		Scenario 807		Scenario 808		Scenario 809		Scenario 810		Scenario 811		Scenario 812		Scenario 813		Scenario 814		Scenario 815		Scenario 816		Scenario 817		Scenario 818		Scenario 819		Scenario 820		Scenario 821		Scenario 822		Scenario 823		Scenario 824		Scenario 825		Scenario 826		Scenario 827		Scenario 828		Scenario 829		Scenario 830		Scenario 831		Scenario 832		Scenario 833		Scenario 834		Scenario 835		Scenario 836		Scenario 837		Scenario 838		Scenario 839		Scenario 840		Scenario 841		Scenario 842		Scenario 843		Scenario 844		Scenario 845		Scenario 846		Scenario 847		Scenario 848		Scenario 849		Scenario 850		Scenario 851		Scenario 852		Scenario 853		Scenario 854		Scenario 855		Scenario 856		Scenario 857		Scenario 858		Scenario 859		Scenario 860		Scenario 861		Scenario 862		Scenario 863		Scenario 864		Scenario 865		Scenario 866		Scenario 867		Scenario 868		Scenario 869		Scenario 870		Scenario 871		Scenario 872		Scenario 873		Scenario 874		Scenario 875		Scenario 876		Scenario 877		Scenario 878		Scenario 879		Scenario 880		Scenario 881		Scenario 882		Scenario 883		Scenario 884		Scenario 885		Scenario 886		Scenario 887		Scenario 888		Scenario 889		Scenario 890		Scenario 891		Scenario 892		Scenario 893		Scenario 894		Scenario 895		Scenario 896		Scenario 897		Scenario 898		Scenario 899		Scenario 900		Scenario 901		Scenario 902		Scenario 903		Scenario 904		Scenario 905		Scenario 906		Scenario 907		Scenario 908		Scenario 909		Scenario 910		Scenario 911		Scenario 912		Scenario 913		Scenario 914		Scenario 915		Scenario 916		Scenario 917		Scenario 918		Scenario 919		Scenario 920		Scenario 921		Scenario 922		Scenario 923		Scenario 924		Scenario 925		Scenario 926		Scenario 927		Scenario 928		Scenario 929		Scenario 930		Scenario 931		Scenario 932		Scenario 933		Scenario 934		Scenario 935		Scenario 936		Scenario 937		Scenario 938		Scenario 939		Scenario 940		Scenario 941		Scenario 942		Scenario 943		Scenario 944		Scenario 945		Scenario 946		Scenario 947		Scenario 948		Scenario 949		Scenario 950		Scenario 951		Scenario 952		Scenario 953		Scenario 954	



BE200NGW

Main

			Reported SAR										Scenario 1	Scenario 2	Scenario 3	Scenario 4	Scenario 5	Scenario 6	Scenario 7	Scenario 8
			1	2	3	4	5	6	7	8	9	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)	Summed 1g SAR (W/kg)
			WWAN	2-GHn WLAN Main	2-GHn WLAN Aux	5GHz WLAN Main	5GHz WLAN Aux	NFC	Bluetooth Aux	5GHz WLAN Main	5GHz WLAN Aux									
			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)									
WCMA Band II	Bottom Surface	0	0.007	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.757	1.167	0.407	0.817	1.217		0.647	1.217	1.267
WCMA Band IV	Bottom Surface	0	0.007	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.757	1.167	0.407	0.817	1.217		0.647	1.217	1.267
WCMA Band V	Bottom Surface	0	0.012	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.762	1.172	0.412	0.822	1.222		0.652	1.222	1.272
LTE Band 2_ Main	Bottom Surface	0	0.008	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.759	1.169	0.409	0.819	1.219		0.649	1.219	1.269
LTE Band 4_ Main	Bottom Surface	0	0.007	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.757	1.167	0.407	0.817	1.217		0.647	1.217	1.267
LTE Band 5_ Main	Bottom Surface	0	0.014	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.764	1.174	0.414	0.824	1.224		0.654	1.224	1.274
LTE Band 7_ Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.761	1.171	0.411	0.821	1.221		0.651	1.221	1.271
LTE Band 12_ Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.761	1.171	0.411	0.821	1.221		0.651	1.221	1.271
LTE Band 13_ Main	Bottom Surface	0	0.016	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.766	1.176	0.416	0.826	1.226		0.656	1.226	1.276
LTE Band 14_ Main	Bottom Surface	0	0.014	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.764	1.174	0.414	0.824	1.224		0.654	1.224	1.274
LTE Band 17_ Main	Bottom Surface	0	0.012	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.762	1.172	0.412	0.822	1.222		0.652	1.222	1.272
LTE Band 25_ Main	Bottom Surface	0	0.010	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.760	1.170	0.410	0.820	1.220		0.650	1.220	1.270
LTE Band 26_ PC2_ Main	Bottom Surface	0	0.013	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.763	1.173	0.413	0.823	1.223		0.653	1.223	1.273
LTE Band 30_ Main	Bottom Surface	0	0.014	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.764	1.174	0.414	0.824	1.224		0.654	1.224	1.274
LTE Band 66_ Main	Bottom Surface	0	0.008	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.758	1.168	0.408	0.818	1.218		0.648	1.218	1.268
LTE Band 71_ Main	Bottom Surface	0	0.010	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.760	1.170	0.410	0.820	1.220		0.650	1.220	1.270
LTE Band 38_ Main	Bottom Surface	0	0.020	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.770	1.180	0.420	0.830	1.230		0.660	1.230	1.280
LTE Band 41_ PC2_ Main	Bottom Surface	0	0.012	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.762	1.172	0.412	0.822	1.222		0.652	1.222	1.272
LTE Band 41_ PC2_ Main	Bottom Surface	0	0.015	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.765	1.175	0.415	0.825	1.225		0.655	1.225	1.275
LTE Band 42_ Part1_ Main	Bottom Surface	0	0.018	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.768	1.178	0.418	0.828	1.228		0.658	1.228	1.278
LTE Band 48_ Main	Bottom Surface	0	0.015	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.765	1.175	0.415	0.825	1.225		0.655	1.225	1.275
NR n2_ Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.761	1.171	0.411	0.821	1.221		0.651	1.221	1.271
NR n5_ Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.761	1.171	0.411	0.821	1.221		0.651	1.221	1.271
NR n7_ Main	Bottom Surface	0	0.017	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.767	1.177	0.417	0.827	1.227		0.657	1.227	1.277
NR n12_ Main	Bottom Surface	0	0.010	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.760	1.170	0.410	0.820	1.220		0.650	1.220	1.270
NR n13_ Main	Bottom Surface	0	0.015	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.765	1.175	0.415	0.825	1.225		0.655	1.225	1.275
NR n14_ Main	Bottom Surface	0	0.015	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.765	1.175	0.415	0.825	1.225		0.655	1.225	1.275
NR n26_ Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.761	1.171	0.411	0.821	1.221		0.651	1.221	1.271
NR n26_ Main	Bottom Surface	0	0.011	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.761	1.171	0.411	0.821	1.221		0.651	1.221	1.271
NR n30_ Main	Bottom Surface	0	0.013	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.763	1.173	0.413	0.823	1.223		0.653	1.223	1.273
NR n66_ Main	Bottom Surface	0	0.018	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.768	1.178	0.418	0.828	1.228		0.658	1.228	1.278
NR n70_ Main	Bottom Surface	0	0.018	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.768	1.178	0.418	0.828	1.228		0.658	1.228	1.278
NR n71_ Main	Bottom Surface	0	0.009	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.759	1.169	0.409	0.819	1.219		0.649	1.219	1.269
NR n38_ Main	Bottom Surface	0	0.017	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.767	1.177	0.417	0.827	1.227		0.657	1.227	1.277
NR n41_ PC3_ Main	Bottom Surface	0	0.019	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.769	1.179	0.419	0.829	1.229		0.659	1.229	1.279
NR n41_ PC2_ Main	Bottom Surface	0	0.027	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.777	1.187	0.427	0.837	1.237		0.667	1.237	1.287
NR n48_ Main	Bottom Surface	0	0.019	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.769	1.179	0.419	0.829	1.229		0.659	1.229	1.279
NR n77_ PC3_ Part1_ Main	Bottom Surface	0	0.019	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.769	1.179	0.419	0.829	1.229		0.659	1.229	1.279
NR n77_ PC3_ Part1_ Main	Bottom Surface	0	0.032	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.782	1.182	0.432	0.842	1.242		0.672	1.242	1.282
NR n77 & n78_ PC3_ Part1_ Main	Bottom Surface	0	0.018	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.768	1.178	0.418	0.828	1.228		0.658	1.228	1.278
NR n78_ PC3_ Part2_ Main	Bottom Surface	0	0.019	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.769	1.179	0.419	0.829	1.229		0.659	1.229	1.279
NR n78_ PC2_ Part2_ Main	Bottom Surface	0	0.026	0.350	0.400	0.760	0.400	0.000	0.050	0.590	0.620	0.776	1.186	0.426	0.836	1.236		0.666	1.236	1.286

Aux 2

			Reported SAR										Scenario 1		Scenario 2		Scenario 3		Scenario 4		Scenario 5		Scenario 6		Scenario 7		Scenario 8			
			1		2		3		4		5		6		7		8		9		10		11		12		13			
			WWAN		2-GHn WLAN		2-GHn WLAN		4		5		6		7		8		9		10		11		12		13		14	
			Exposure Position		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 2_Aux 2			Bottom Surface	0	0.014	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.764	1.174	0.414	0.824	1.224	0.654	1.224	1.274								
LTE Band 4_Aux 2			Bottom Surface	0	0.029	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.779	1.189	0.429	0.839	1.239	0.669	1.239	1.289								
LTE Band 7_Aux 2			Bottom Surface	0	0.025	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.775	1.185	0.425	0.835	1.235	0.665	1.235	1.285								
LTE Band 25_Aux 2			Bottom Surface	0	0.019	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.769	1.179	0.419	0.829	1.229	0.659	1.229	1.279								
LTE Band 30_Aux 2			Bottom Surface	0	0.021	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.771	1.181	0.421	0.831	1.231	0.661	1.231	1.281								
LTE Band 66_Aux 2			Bottom Surface	0	0.028	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.778	1.188	0.428	0.838	1.238	0.668	1.238	1.288								
LTE Band 38_Aux 2			Bottom Surface	0	0.021	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.771	1.181	0.421	0.831	1.231	0.661	1.231	1.281								
LTE Band 41_PC3_Aux 2			Bottom Surface	0	0.031	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.781	1.191	0.431	0.841	1.241	0.671	1.241	1.291								
LTE Band 41_PC2_Aux 2			Bottom Surface	0	0.043	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.793	1.203	0.443	0.853	1.253	0.683	1.253	1.303								
LTE Band 42_Part1_Aux 2			Bottom Surface	0	0.156	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.905	1.315	0.556	0.966	1.366	0.796	1.366	1.416								
LTE Band 42_Part2_Aux 2			Bottom Surface	0	0.088	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.813	1.223	0.408	0.818	1.218	0.638	1.218	1.268								
NR n2_Aux 2			Bottom Surface	0	0.023	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.773	1.183	0.423	0.833	1.233	0.653	1.233	1.283								
NR n7_Aux 2			Bottom Surface	0	0.031	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.781	1.191	0.431	0.841	1.241	0.671	1.241	1.291								
NR n25_Aux 2			Bottom Surface	0	0.027	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.777	1.187	0.427	0.837	1.237	0.667	1.237	1.287								
NR n30_Aux 2			Bottom Surface	0	0.031	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.781	1.191	0.431	0.841	1.241	0.671	1.241	1.291								
NR n40_Aux 2			Bottom Surface	0	0.038	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.788	1.198	0.438	0.848	1.248	0.678	1.248	1.298								
NR n70_Aux 2			Bottom Surface	0	0.038	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.788	1.198	0.438	0.848	1.248	0.678	1.248	1.298								
NR n38_Aux 2			Bottom Surface	0	0.046	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.796	1.206	0.446	0.856	1.256	0.686	1.256	1.306								
NR n44_PC3_Aux 2			Bottom Surface	0	0.041	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.788	1.198	0.438	0.848	1.248	0.678	1.248	1.298								
NR n44_PC2_Aux 2			Bottom Surface	0	0.072	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.821	1.231	0.461	0.871	1.271	0.701	1.271	1.321								
NR n48_Aux 2			Bottom Surface	0	0.078	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.828	1.238	0.478	0.888	1.288	0.718	1.288	1.338								
NR n77_PC3_Part3_Aux 2			Bottom Surface	0	0.087	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.837	1.247	0.487	0.897	1.297	0.727	1.297	1.347								
NR n77_PC3_Part2_Aux 2			Bottom Surface	0	0.079	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.829	1.239	0.479	0.889	1.289	0.719	1.289	1.339								
NR n77 & n78_PC3_Part1_Aux 2			Bottom Surface	0	0.081	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.835	1.245	0.485	0.895	1.295	0.725	1.295	1.345								
NR n78_PC3_Part2_Aux 2			Bottom Surface	0	0.140	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	0.900	1.300	0.540	0.950	1.350	0.780	1.350	1.400								
NR n78_PC3_Part1_Aux 2			Bottom Surface	0	0.271	0.350	0.400	0.760	0.400	0.000	0.000	0.050	0.590	0.620	1.021	1.431	0.671	1.081	1.481	0.911	1.481	1.531								

[illegible]

LTE_Inter CA

[illegible]

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



NR_Inter CA

Exposure Position		1	Reported SAR										4										5										6										7										8										9										10										11										12										13										14										15										16										17										18										19										20										21										22										23										24										25										26										27										28										29										30										31										32										33										34										35										36										37										38										39										40										41										42										43										44										45										46										47										48										49										50										51										52										53										54										55										56										57										58										59										60										61										62										63										64										65										66										67										68										69										70										71										72										73										74										75										76										77										78										79										80										81										82										83										84										85										86										87										88										89										90										91										92										93										94										95										96										97										98										99										100										101										102										103										104										105										106										107										108										109										110										111										112										113										114										115										116										117										118										119										120										121										122										123										124										125										126										127										128										129										130										131										132										133										134										135										136										137										138										139										140										141										142										143										144										145										146										147										148										149										150										151										152										153										154										155										156										157										158										159										160										161										162										163										164										165										166										167										168										169										170										171										172										173										174										175										176										177										178										179										180										181										182										183										184										185										186										187										188										189										190										191										192										193										194										195										196										197										198										199										200										201										202										203										204										205										206										207										208										209										210										211										212										213										214										215										216										217										218										219										220										221										222										223										224										225										226										227										228										229										230										231										232										233										234										235										236										237										238										239										240										241										242										243										244										245										246										247										248										249										250										251										252										253										254										255										256										257										258										259										260										261										262										263										264										265										266										267										268										269										270										271										272										273										274										275										276										277										278										279										280										281										282										283										284										285										286										287										288										289										290										291										292										293										294										295										296										297										298										299										300										301										302										303										304										305										306										307										308										309										310										311										312										313										314										315										316										317										318										319										320										321										322										323										324										325										326										327										328										329										330										331										332										333										334										335										336										337										338										339										340										341										342										343										344										345										346										347										348										349										350										351										352										353										354										355										356										357										358										359										360										361										362										363										364										365										366										367										368										369										370										371										372										373										374										375										376										377										378										379										380										381										382										383										384										385										386										387										388										389										390										391										392										393										394										395										396										397										398										399										400										401										402										403										404										405										406										407										408										409										410										411										412										413										414										415										416										417										418										419										420										421										422										423										424										425										426										427										428										429										430										431										432										433										434										435										436										437										438										439										440										441										442										443										444										445										446										447										448										449										450										451										452										453										454										455										456										457										458										459										460										461										462										463										464										465										466										467										468										469										470										471										472										473										474										475										476										477										478										479										480										481										482										483										484										485										486										487										488										489										490										491										492										493										494										495										496										497										498										499										500										501										502										503										504										505										506										507										508										509										510										511										512										513										514										515										516										517										518										519										520										521										522										523										524										525										526										527										528										529										530										531										532										533										534										535										536										537										538										539										540										541										542										543										544										545										546										547										548										549										550										551										552										553										554										555										556										557										558										559										560										561										562										563										564										565										566										567										568										569										570										571										572										573										574										575										576										577										578										579										580										581										582										583										584										585										586										587										588										589										590										591										592										593										594										595										596										597										598										599										600										601										602										603										604										605										606										607										608										609										610										611										612										613										614										615										616										617										618										619										620										621										622										623										624										625										626										627										628										629										630										631										632										633										634										635										636										637										638										639										640										641										642										643										644										645										646										647										648										649										650										651										652										653										654										655										656										657										658										659										660										661										662										663										664										665										666										667										668										669										670										671										672										673										674										675										676										677										678										679										680										681										682										683										684										685										686										687										688										689										690										691										692										693										694										695										696										697										698										699										700										701										702										703										704										705										706										707										708										709										710										711										712										713										714										715										716										717										718										719										720										721										722										723										724										725										726										727										728										729										730										731										732										733										734										735										736										737										738										739										740										741										742										743										744										745										746										747										748										749										750										751										752										753										754										755										756										757										758										759										760										761										762										763										764										765										766										767										768										769										770										771										772										773										774										775										776										777										778										779										780										781										782										783										784										785										786										787										788										789										790										791										792										793										794										795										796										797										798										799										800										801										802										803										804										805										806										807										808										809										810										811										812										813										814										815										816										817										818										819										820										821										822										823										824										825										826										827										828										829										830										831										832										833										834										835										836										837										838										839										840										841										842										843										844										845										846										847										848										849										850										851										852										853										854										855										856										857										858										859										860										861										862										863										864										865										866										867										868										869										870										871										872										873										874										875										876										877										878										879										880										881										882										883										884										885										886										887										888										889										890										891										892										893										894										895										896										897										898										899										900										901										902										903										904										905										906										907										908										909										910										911										912										913										914										915										916										917										918										919										920										921										922										923										924										925										926										927										928										929										930										931										932										933										934										935										936										937										938										939										940										941										942										943										944										945										946										947										948										949										950										951										952										953										954										955										956										957										958										959										960										961										962										963										964										965										966										967										968										969										970										971										972										973										974										975										976										977										978										979										980										981										982										983										984										985										986										987										988										989										990										991										992										993										994										995										996										997										998										999										1000										1001										1002										1003										1004										1005										1006										1007										1008										1009										1010										1011										1012										1013										1014										1015										1016										1017										1018										1019										1020										1021										1022										1023										1024										1025										1026										1027										1028										1029										1030										1031										1032										1033										1034										1035										1036										1037									

8 INSTRUMENTS LIST

Equipment List					
Manufacturer	Device	Type	Serial number	Date of last calibration	Date of next calibration
SPEAG	Data acquisition Electronics	DAE4	1260	Sep/14/2023	Sep/13/2024
SPEAG	Dosimetric E-Field Probe	EX3DV4	3770	May/24/2024	May/23/2025
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	1158	Aug/25/2023	Aug/24/2024
SPEAG	System Validation Dipole	D1900V2	5d173	Apr/25/2024	Apr/24/2025
SPEAG	System Validation Dipole	D2300V2	1023	Sep/19/2023	Sep/18/2024
SPEAG	System Validation Dipole	D2600V2	1005	Jan/22/2024	Jan/21/2025
SPEAG	System Validation Dipole	D3500V2	1009	Sep/19/2023	Sep/18/2024
SPEAG	System Validation Dipole	D3700V2	1057	Nov/20/2023	Nov/19/2024
SPEAG	System Validation Dipole	D3900V2	1032	Nov/21/2023	Nov/20/2024
SPEAG	Dielectric Assessment Kit	DAKS-3.5	0004	Jan/22/2024	Jan/21/2025
R&S	MXG Analog Signal Generator	SMB100A03	182012	May/21/2024	May/20/2025
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	EMC 074225P	980155	Calibration not required	Calibration not required
EMCI	Amplifier	EMC 2830P	980156	Calibration not required	Calibration not required
R&S	Power Sensor	NRP50S	101770	Jun/26/2024	Jun/25/2025
R&S	Power Sensor	NRP18S	109065	Oct/23/2023	Oct/22/2024
R&S	Power Meter	NRX	102034	Dec/13/2023	Dec/12/2024
SPEAG	Software	DASY 52 V52.10.4.152 7	N/A	Calibration not required	Calibration not required
SPEAG	Phantom	ELI	N/A	Calibration not required	Calibration not required
Anritsu	Radio Communication Test	MT8820C	6201061049	Nov/02/2023	Nov/01/2024
R&S	Radio Communication Test	CMW 500	125470	May/17/2024	May/16/2025
TECPEL	Digital thermometer	DTM-303A	TP130074	May/10/2024	May/09/2025

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.

9 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.)	4.41%	N	1	1	0.64	0.43	2.82%	1.90%	M
Liquid Conductivity (mea.)	4.39%	N	1	1	0.6	0.49	2.63%	2.15%	M
Combined standard uncertainty		RSS					12.34%	12.05%	
Expanded uncertainty (95% confidence interval), K=2							24.67%	24.11%	

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.

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 Distribution	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.)	4.49%	N	1	1	0.64	0.43	2.87%	1.93%	M
Liquid Conductivity (mea.)	4.83%	N	1	1	0.6	0.49	2.90%	2.37%	M
Combined standard uncertainty		RSS					12.13%	11.81%	
Expart uncertainty (95% confidence interval), K=2							24.25%	23.62%	

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.

10 SAR MEASUREMENT RESULTS

Date: 2024/7/21

ID: 001

Report No. :TESA2404000229EN

WCDMA Band II_Body_Bottom Surface_CH 9538_0mm_Main

Communication System: WCDMA; Frequency: 1907.6 MHz; Duty cycle= 1:1

Medium parameters used: $f = 1907.6$ MHz; $\sigma = 1.447$ S/m; $\epsilon_r = 40.979$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.96, 7.96, 7.96) @ 1907.6 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0171 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.043 V/m; Power Drift = -0.03 dB

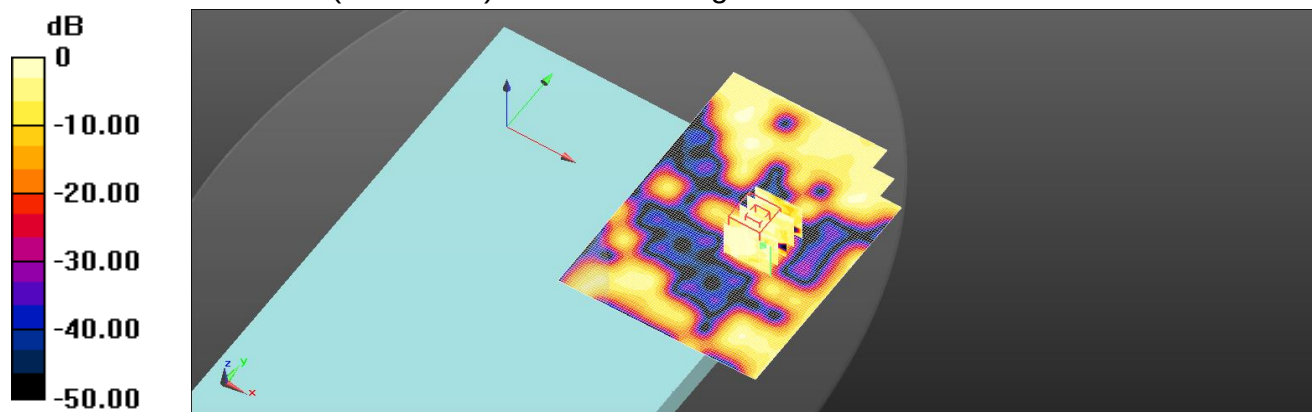
Peak SAR (extrapolated) = 0.0280 W/kg

SAR(1 g) = 0.0062 W/kg; SAR(10 g) = 0.00371 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 70.6%

Maximum value of SAR (measured) = 0.00934 W/kg



0 dB = 0.0171 W/kg = -17.67 dBW/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

Date: 2024/7/19

ID: 002

Report No. :TESA2404000229EN

WCDMA Band IV_Body_Bottom Surface_CH 1513_0mm_Main

Communication System: WCDMA; Frequency: 1752.6 MHz; Duty cycle= 1:1

Medium parameters used: $f = 1752.6 \text{ MHz}$; $\sigma = 1.412 \text{ S/m}$; $\epsilon_r = 41.151$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.4, 8.4, 8.4) @ 1752.6 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0127 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.168 V/m; Power Drift = 0.07 dB

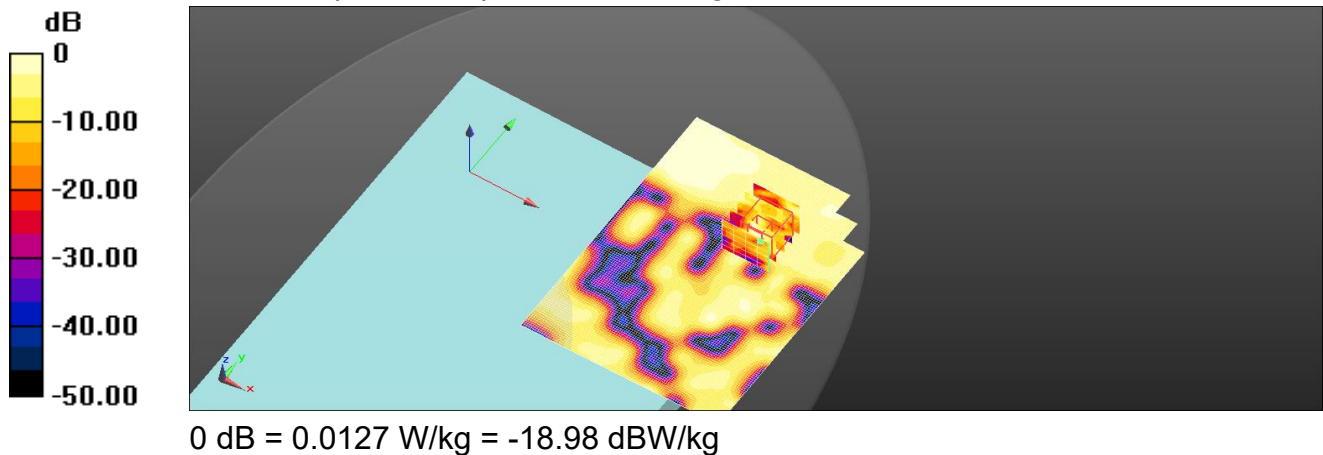
Peak SAR (extrapolated) = 0.0140 W/kg

SAR(1 g) = 0.0068 W/kg; SAR(10 g) = 0.00509 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 98.6%

Maximum value of SAR (measured) = 0.00842 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

Date: 2024/7/18

ID: 003

Report No. :TESA2404000229EN

WCDMA Band V_Body_Bottom Surface_CH 4132_0mm_Main

Communication System: WCDMA; Frequency: 826.4 MHz; Duty cycle= 1:1

Medium parameters used: $f = 826.4$ MHz; $\sigma = 0.925$ S/m; $\epsilon_r = 42.381$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.6°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.47, 9.47, 9.47) @ 826.4 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0152 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 5.448 V/m; Power Drift = 0.11 dB

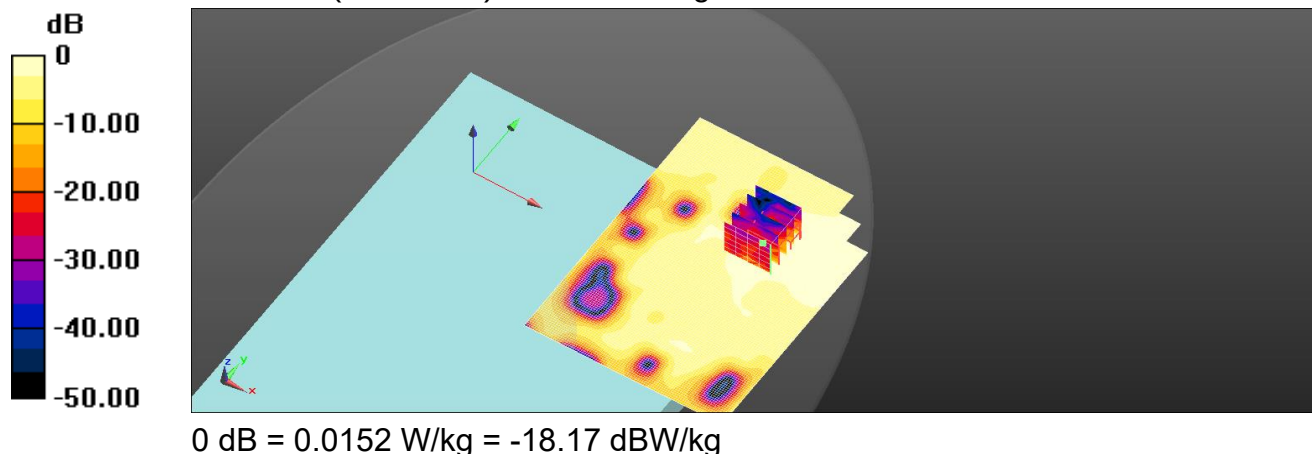
Peak SAR (extrapolated) = 0.0200 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00849 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 65.5%

Maximum value of SAR (measured) = 0.0154 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

Date: 2024/7/21

ID: 004

Report No. :TESA2404000229EN

LTE Band 2 (20MHz)_Body_Bottom Surface_CH 19100_QPSK_1-0_0mm_Main

Communication System: LTE; Frequency: 1900 MHz; Duty cycle= 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 40.985$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.96, 7.96, 7.96) @ 1900 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0229 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.767 V/m; Power Drift = 0.09 dB

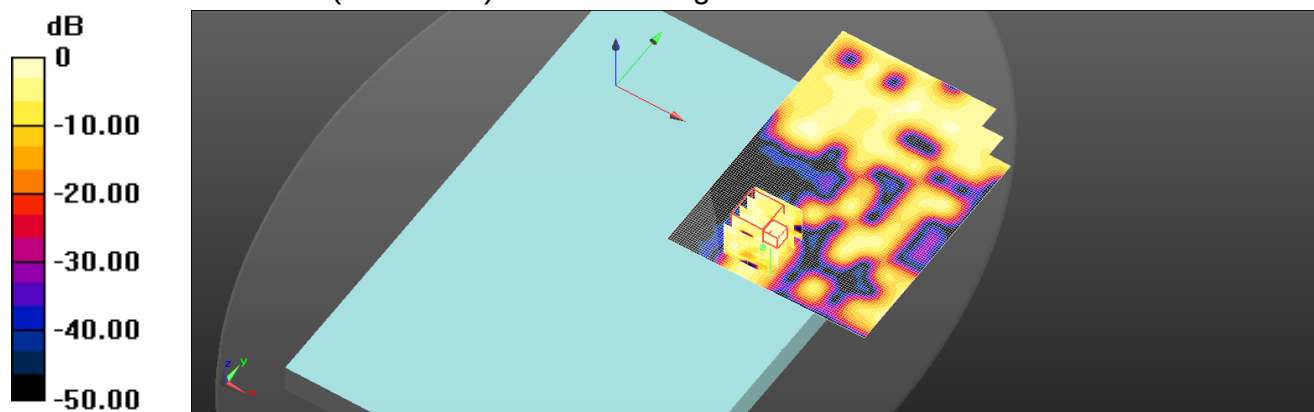
Peak SAR (extrapolated) = 0.0130 W/kg

SAR(1 g) = 0.00728 W/kg; SAR(10 g) = 0.00349 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 77.6%

Maximum value of SAR (measured) = 0.0102 W/kg



0 dB = 0.0229 W/kg = -16.40 dBW/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

Date: 2024/7/19

ID: 005

Report No. :TESA2404000229EN

LTE Band 4 (20MHz)_Body_Bottom Surface_CH 20300_QPSK_1-0_0mm_Main

Communication System: LTE; Frequency: 1745 MHz; Duty cycle= 1:1

Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.404 \text{ S/m}$; $\epsilon_r = 41.159$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.4, 8.4, 8.4) @ 1745 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0143 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.622 V/m; Power Drift = -0.08 dB

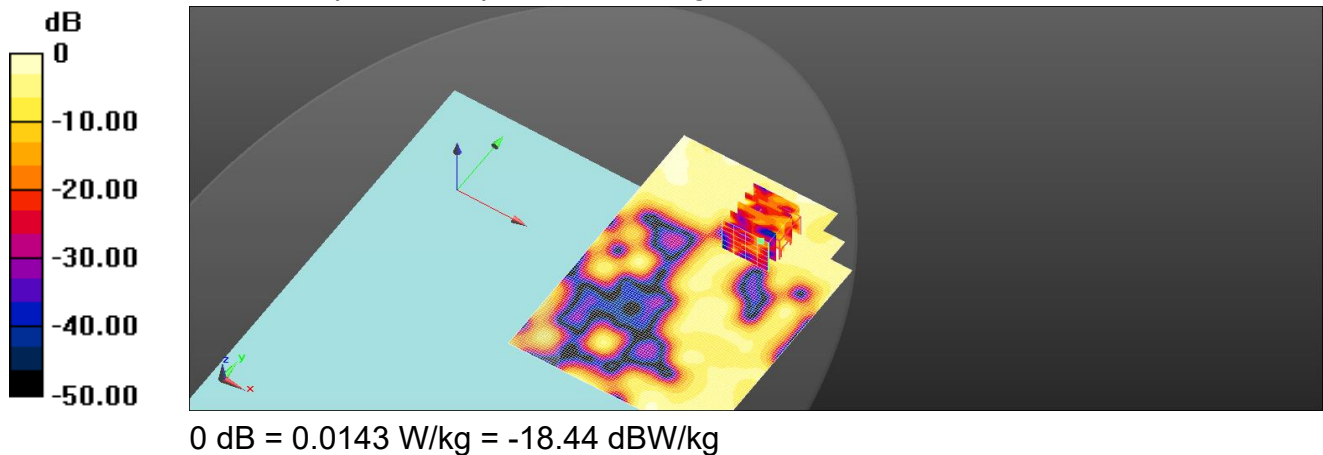
Peak SAR (extrapolated) = 0.0120 W/kg

SAR(1 g) = 0.00627 W/kg; SAR(10 g) = 0.00512 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 38.6%

Maximum value of SAR (measured) = 0.0101 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

Date: 2024/7/18

ID: 006

Report No. :TESA2404000229EN

LTE Band 5 (10MHz)_Body_Bottom Surface_CH 20450_QPSK_1-0_0mm_Main

Communication System: LTE; Frequency: 829 MHz; Duty cycle= 1:1

Medium parameters used: $f = 829 \text{ MHz}$; $\sigma = 0.926 \text{ S/m}$; $\epsilon_r = 42.366$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.6°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.47, 9.47, 9.47) @ 829 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0118 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 3.656 V/m; Power Drift = 0.07 dB

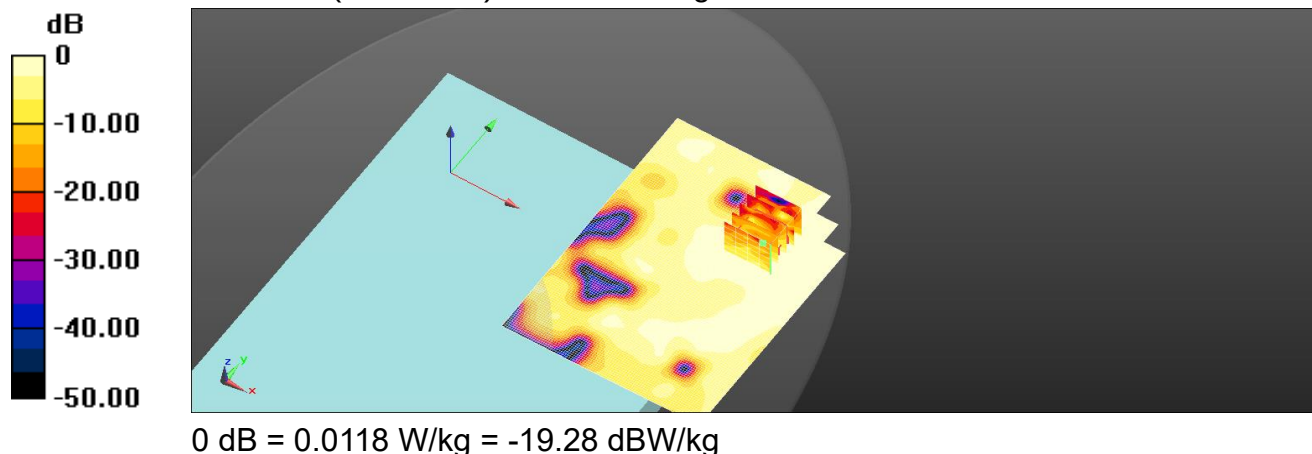
Peak SAR (extrapolated) = 0.0140 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.0085 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 74.5%

Maximum value of SAR (measured) = 0.0128 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

Date: 2024/7/24

ID: 007

Report No. :TESA2404000229EN

LTE Band 7 (20MHz)_Body_Bottom Surface_CH 21350_QPSK_1-0_0mm_Main

Communication System: LTE; Frequency: 2560 MHz; Duty cycle= 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.965$ S/m; $\epsilon_r = 39.872$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.42, 7.42, 7.42) @ 2560 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (121x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0195 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 3.864 V/m; Power Drift = 0.04 dB

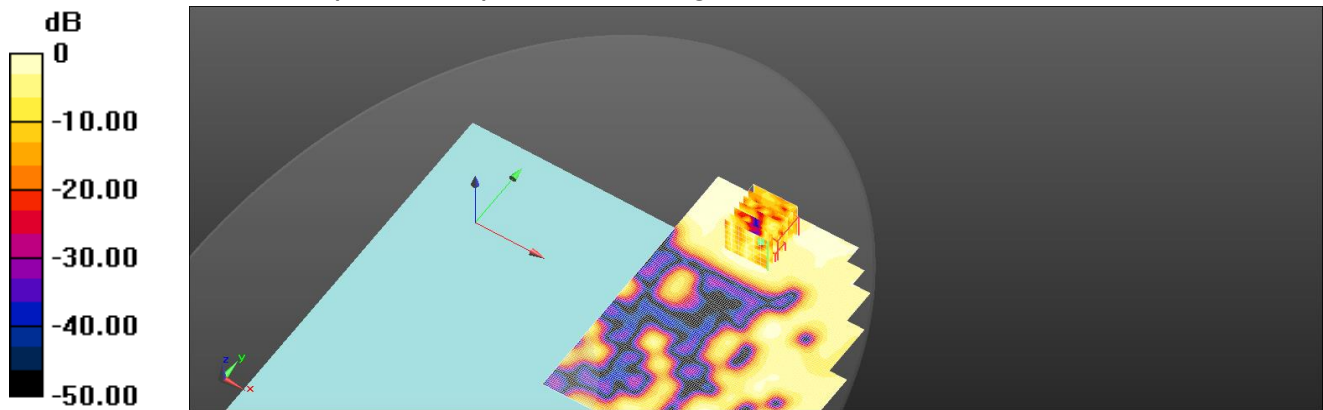
Peak SAR (extrapolated) = 0.0180 W/kg

SAR(1 g) = 0.00993 W/kg; SAR(10 g) = 0.00796 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 57.4%

Maximum value of SAR (measured) = 0.0146 W/kg



0 dB = 0.0195 W/kg = -17.09 dBW/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

Date: 2024/7/16

ID: 008

Report No. :TESA2404000229EN

LTE Band 12 (10MHz)_Body_Bottom Surface_CH 23060_QPSK_1-0_0mm_Main

Communication System: LTE; Frequency: 704 MHz; Duty cycle= 1:1

Medium parameters used: $f = 704 \text{ MHz}$; $\sigma = 0.907 \text{ S/m}$; $\epsilon_r = 42.763$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.56, 9.56, 9.56) @ 704 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0105 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.418 V/m; Power Drift = 0.17 dB

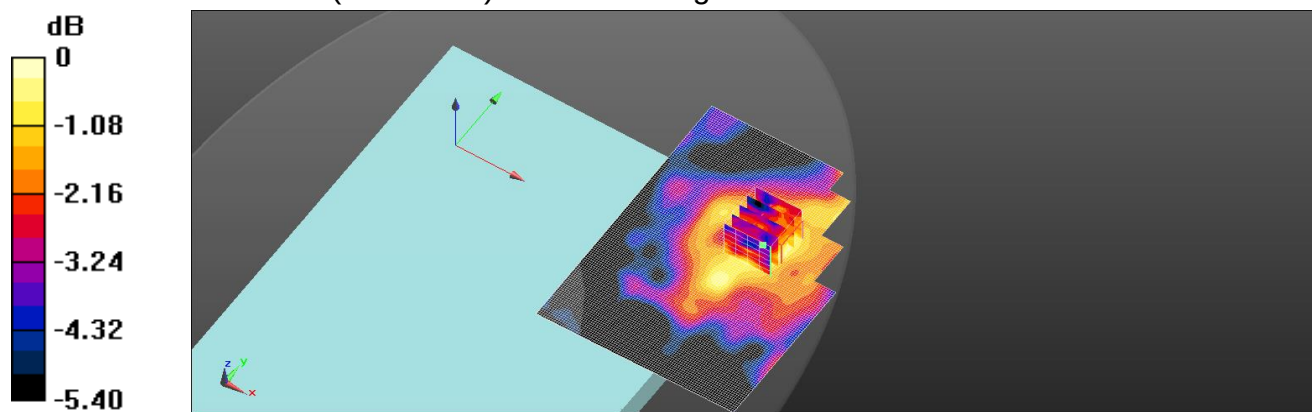
Peak SAR (extrapolated) = 0.0130 W/kg

SAR(1 g) = 0.00897 W/kg; SAR(10 g) = 0.0073 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 88.2%

Maximum value of SAR (measured) = 0.0102 W/kg



0 dB = 0.0102 W/kg = -19.91 dBW/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

Date: 2024/7/16

ID: 009

Report No. :TESA2404000229EN

LTE Band 13 (10MHz)_Body_Bottom Surface_CH 23230_QPSK_1-0_0mm_Main

Communication System: LTE; Frequency: 782 MHz; Duty cycle= 1:1

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.925 \text{ S/m}$; $\epsilon_r = 42.463$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.56, 9.56, 9.56) @ 782 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0185 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 1.108 V/m; Power Drift = 0.07 dB

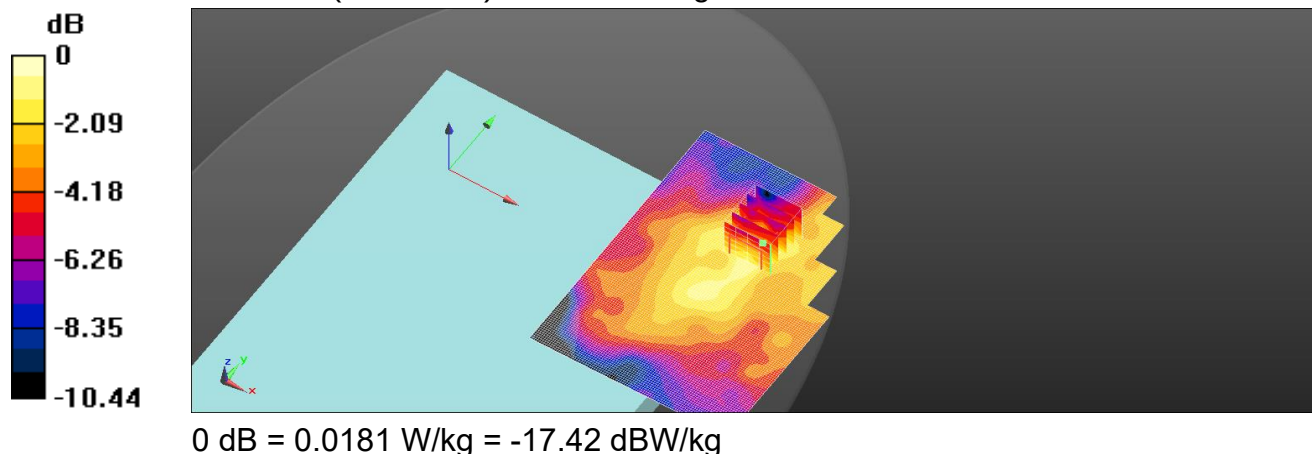
Peak SAR (extrapolated) = 0.0210 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.011 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 71.6%

Maximum value of SAR (measured) = 0.0181 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

Date: 2024/7/16

ID: 010

Report No. :TESA2404000229EN

LTE Band 14 (10MHz)_Body_Bottom Surface_CH 23330_QPSK_1-0_0mm_Main

Communication System: LTE; Frequency: 793 MHz; Duty cycle= 1:1

Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.928 \text{ S/m}$; $\epsilon_r = 42.422$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.56, 9.56, 9.56) @ 793 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0170 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.005 V/m; Power Drift = 0.11 dB

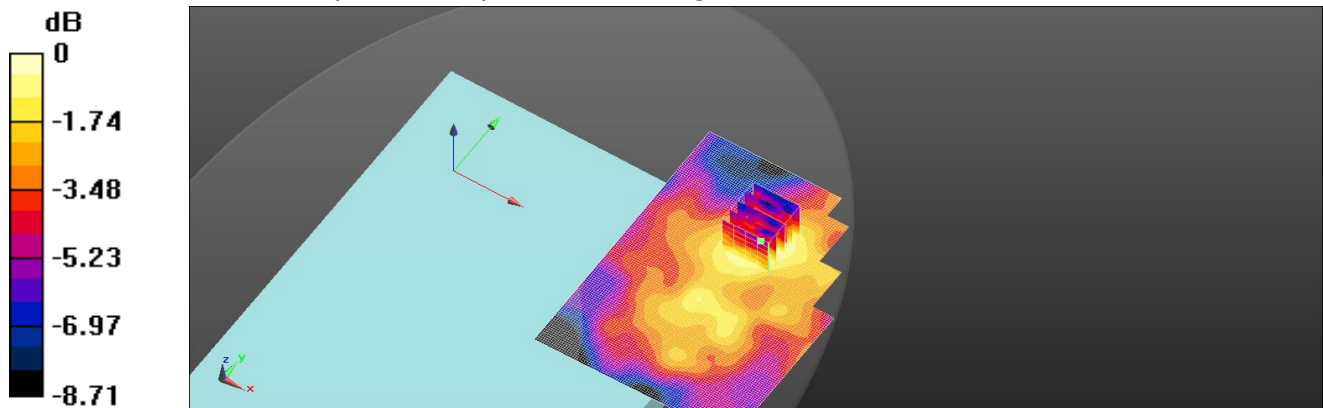
Peak SAR (extrapolated) = 0.0180 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00978 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 76.4%

Maximum value of SAR (measured) = 0.0157 W/kg



0 dB = 0.0157 W/kg = -18.04 dBW/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

Date: 2024/7/16

ID: 011

Report No. :TESA2404000229EN

LTE Band 17 (10MHz)_Body_Bottom Surface_CH 23780_QPSK_1-0_0mm_Main

Communication System: LTE; Frequency: 709 MHz; Duty cycle= 1:1

Medium parameters used: $f = 709 \text{ MHz}$; $\sigma = 0.912 \text{ S/m}$; $\epsilon_r = 42.733$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.56, 9.56, 9.56) @ 709 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0121 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.647 V/m; Power Drift = 0.05 dB

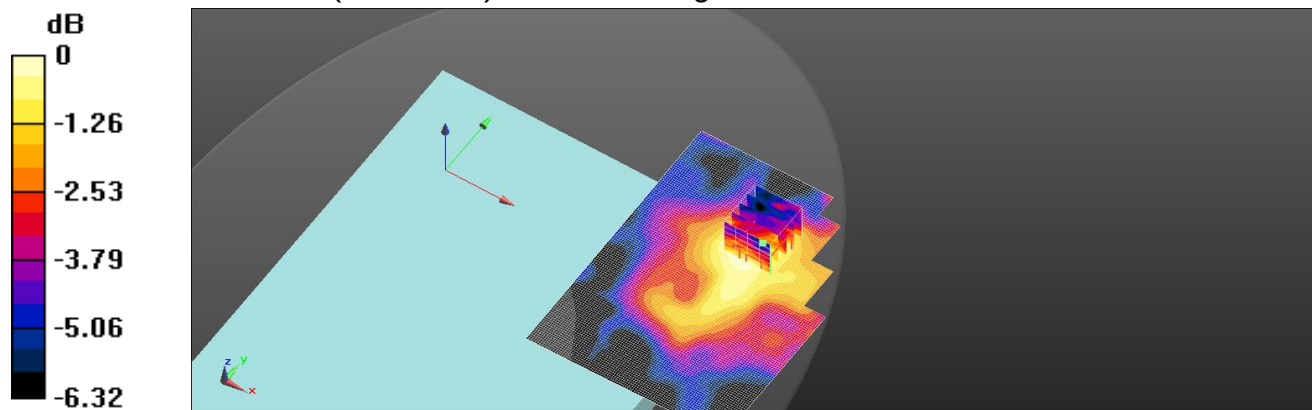
Peak SAR (extrapolated) = 0.0120 W/kg

SAR(1 g) = 0.00906 W/kg; SAR(10 g) = 0.00705 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 78.5%

Maximum value of SAR (measured) = 0.0107 W/kg



0 dB = 0.0107 W/kg = -19.71 dBW/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

Date: 2024/7/21

ID: 012

Report No. :TESA2404000229EN

LTE Band 25 (20MHz)_Body_Bottom Surface_CH 26365_QPSK_1-0_0mm_Main

Communication System: LTE; Frequency: 1882.5 MHz; Duty cycle= 1:1

Medium parameters used: $f = 1882.5 \text{ MHz}$; $\sigma = 1.441 \text{ S/m}$; $\epsilon_r = 40.991$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.96, 7.96, 7.96) @ 1882.5 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0158 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.657 V/m; Power Drift = 0.04 dB

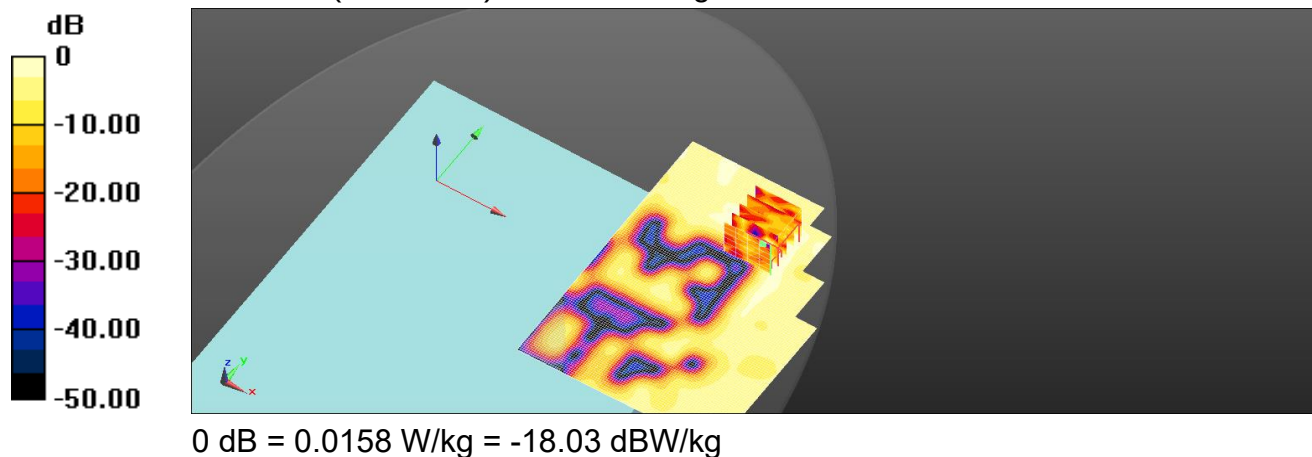
Peak SAR (extrapolated) = 0.0130 W/kg

SAR(1 g) = 0.00902 W/kg; SAR(10 g) = 0.0072 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 88.8%

Maximum value of SAR (measured) = 0.0113 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

Date: 2024/7/18

ID: 013

Report No. :TESA2404000229EN

LTE Band 26 (15MHz)_Body_Bottom Surface_CH 26865_QPSK_1-0_0mm_Main

Communication System: LTE; Frequency: 831.5 MHz; Duty cycle= 1:1

Medium parameters used: $f = 831.5 \text{ MHz}$; $\sigma = 0.929 \text{ S/m}$; $\epsilon_r = 42.349$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.6°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.47, 9.47, 9.47) @ 831.5 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0134 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.817 V/m; Power Drift = 0.06 dB

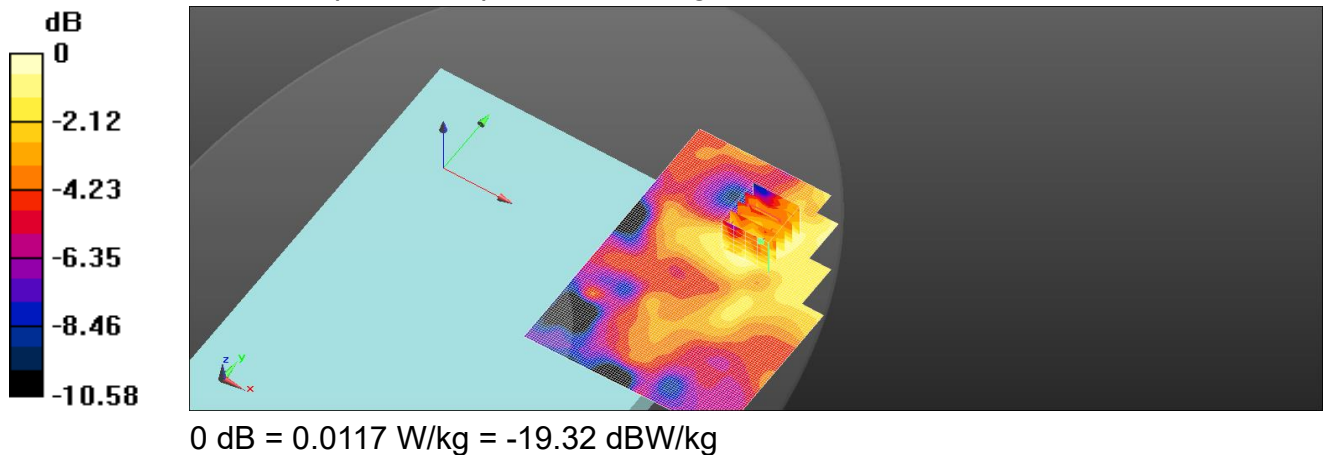
Peak SAR (extrapolated) = 0.0130 W/kg

SAR(1 g) = 0.010 W/kg; SAR(10 g) = 0.00794 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 86.5%

Maximum value of SAR (measured) = 0.0117 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

Date: 2024/7/23

ID: 015

Report No. :TESA2404000229EN

LTE Band 30 (10MHz)_Body_Bottom Surface_CH 27710_QPSK_1-0_0mm_Main

Communication System: LTE; Frequency: 2310 MHz; Duty cycle= 1:1

Medium parameters used: $f = 2310$ MHz; $\sigma = 1.701$ S/m; $\epsilon_r = 39.905$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.71, 7.71, 7.71) @ 2310 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0210 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.456 V/m; Power Drift = 0.05 dB

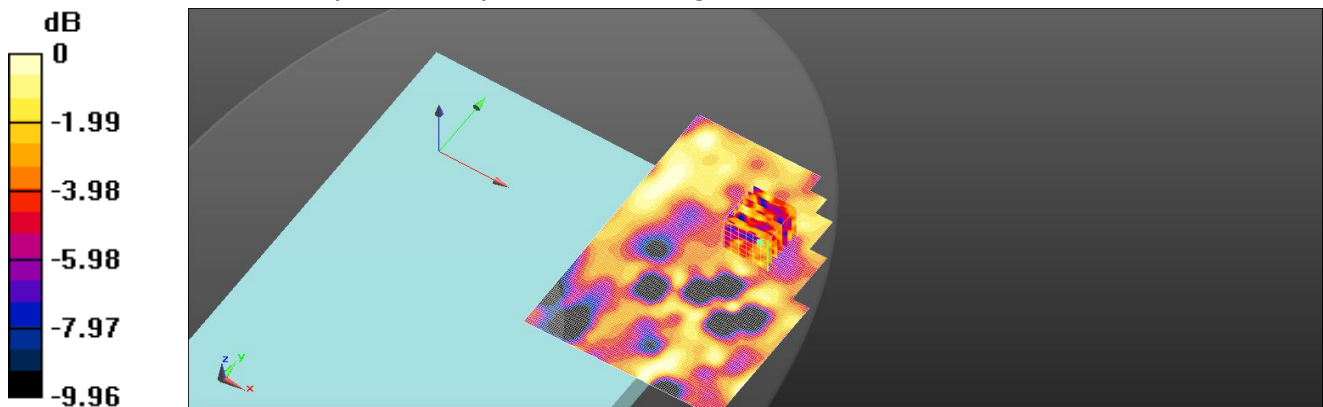
Peak SAR (extrapolated) = 0.0220 W/kg

SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00752 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 95.8%

Maximum value of SAR (measured) = 0.0177 W/kg



0 dB = 0.0177 W/kg = -17.52 dBW/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

Date: 2024/7/19

ID: 016

Report No. :TESA2404000229EN

LTE Band 66 (20MHz)_Body_Bottom Surface_CH 132322_QPSK_1-0_0mm_Main

Communication System: LTE; Frequency: 1745 MHz; Duty cycle= 1:1

Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.404 \text{ S/m}$; $\epsilon_r = 41.159$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.4, 8.4, 8.4) @ 1745 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0125 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 3.848 V/m; Power Drift = 0.05 dB

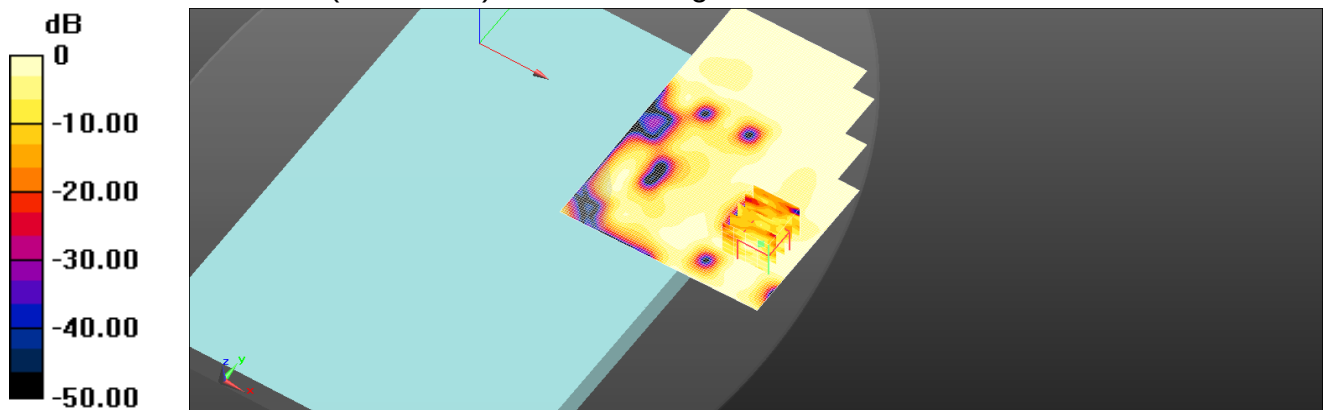
Peak SAR (extrapolated) = 0.0130 W/kg

SAR(1 g) = 0.00718 W/kg; SAR(10 g) = 0.00565 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 51.6%

Maximum value of SAR (measured) = 0.0113 W/kg



0 dB = 0.0125 W/kg = -19.03 dBW/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

Date: 2024/7/16

ID: 017

Report No. :TESA2404000229EN

LTE Band 71 (20MHz)_Body_Bottom Surface_CH 133372_QPSK_1-0_0mm_Main

Communication System: LTE; Frequency: 688 MHz; Duty cycle= 1:1

Medium parameters used: $f = 688 \text{ MHz}$; $\sigma = 0.904 \text{ S/m}$; $\epsilon_r = 42.792$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.56, 9.56, 9.56) @ 688 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.00993 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.072 V/m; Power Drift = 0.08 dB

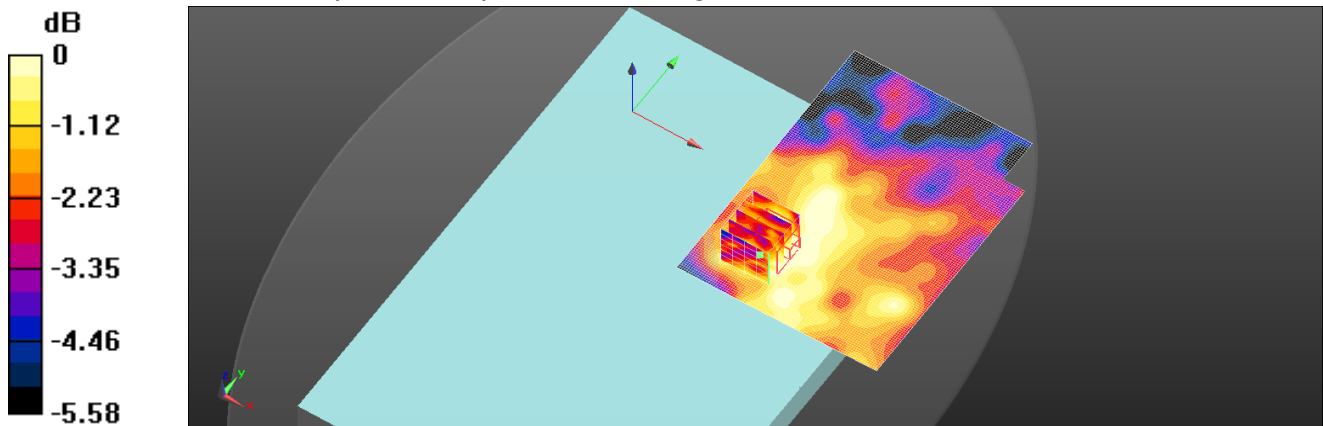
Peak SAR (extrapolated) = 0.0120 W/kg

SAR(1 g) = 0.00868 W/kg; SAR(10 g) = 0.00719 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 74.3%

Maximum value of SAR (measured) = 0.0108 W/kg



0 dB = 0.00900 W/kg = -20.46 dBW/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

Date: 2024/7/24

ID: 018

Report No. :TESA2404000229EN

LTE Band 38 (20MHz)_Body_Bottom Surface_CH 37850_QPSK_1-0_0mm_Main

Communication System: LTE; Frequency: 2580 MHz; Duty cycle= 1:1.58

Medium parameters used: $f = 2580$ MHz; $\sigma = 1.986$ S/m; $\epsilon_r = 39.848$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.42, 7.42, 7.42) @ 2580 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0233 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.872 V/m; Power Drift = 0.04 dB

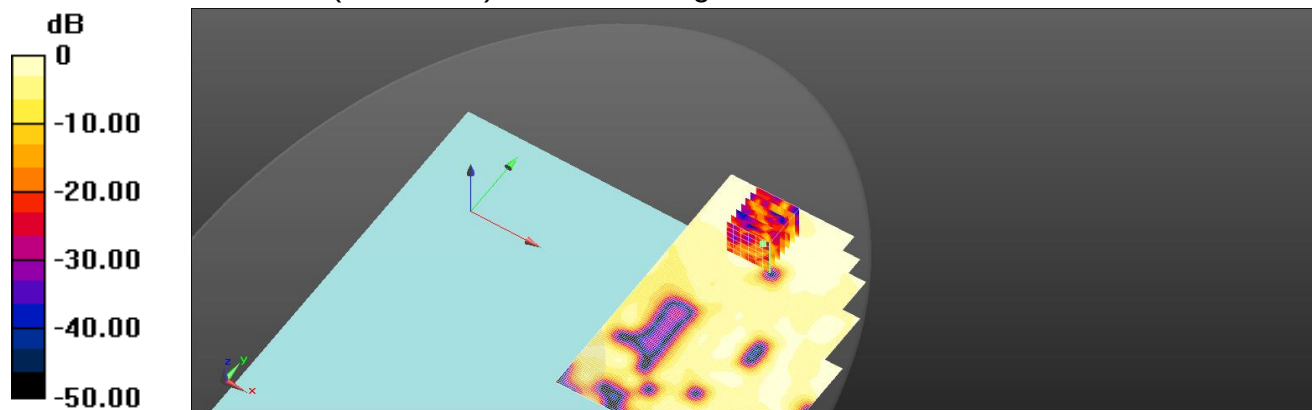
Peak SAR (extrapolated) = 0.0230 W/kg

SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.012 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 85.6%

Maximum value of SAR (measured) = 0.0214 W/kg



0 dB = 0.0233 W/kg = -16.32 dBW/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

Date: 2024/7/24

ID: 019

Report No. :TESA2404000229EN

LTE Band 41 (20MHz)_Body_Bottom Surface_CH 41490_QPSK_1-0_0mm_PC3_Main

Communication System: LTE; Frequency: 2680 MHz; Duty cycle= 1:1.58

Medium parameters used: $f = 2680$ MHz; $\sigma = 2.101$ S/m; $\epsilon_r = 39.727$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.42, 7.42, 7.42) @ 2680 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0183 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.408 V/m; Power Drift = -0.13 dB

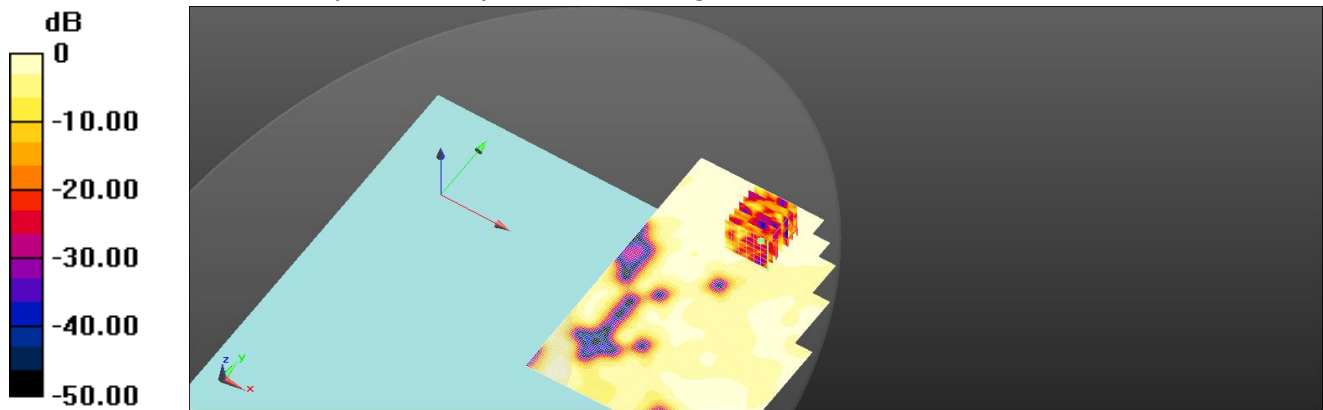
Peak SAR (extrapolated) = 0.0240 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00957 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 55.7%

Maximum value of SAR (measured) = 0.0162 W/kg



0 dB = 0.0183 W/kg = -17.38 dBW/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

Date: 2024/7/24

ID: 020

Report No. :TESA2404000229EN

LTE Band 41 (20MHz)_Body_Bottom Surface_CH 41490_QPSK_1-0_0mm_PC2_Main

Communication System: LTE; Frequency: 2680 MHz; Duty cycle= 1:2.31

Medium parameters used: $f = 2680$ MHz; $\sigma = 2.101$ S/m; $\epsilon_r = 39.727$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.42, 7.42, 7.42) @ 2680 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x131x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0208 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.474 V/m; Power Drift = -0.11 dB

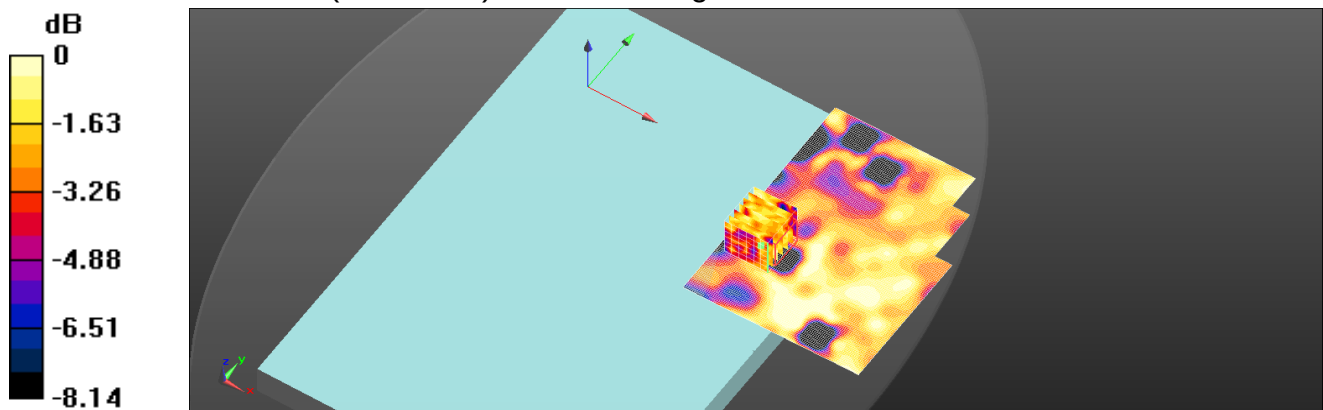
Peak SAR (extrapolated) = 0.0190 W/kg

SAR(1 g) = 0.012 W/kg; SAR(10 g) = 0.00995 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 74.4%

Maximum value of SAR (measured) = 0.0148 W/kg



0 dB = 0.0148 W/kg = -18.30 dBW/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

Date: 2024/7/31

ID: 023

Report No.: TESA2404000229EN

LTE Band 42 (20MHz)_Body_Bottom Surface_CH 42990_QPSK_1-0_0mm_Part1_Main

Communication System: LTE; Frequency: 3540 MHz; Duty cycle= 1:1.58

Medium parameters used: $f = 3540 \text{ MHz}$; $\sigma = 2.830 \text{ S/m}$; $\epsilon_r = 36.192$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.1°C ; Liquid temperature: 21.7°C

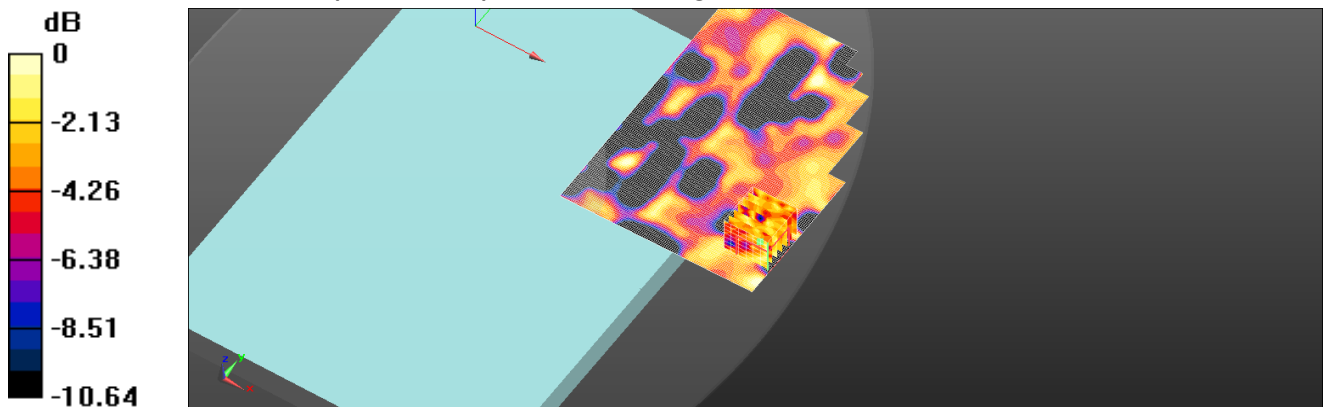
DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(6.78, 6.78, 6.78) @ 3540 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x151x1): Interpolated grid: $dx=12 \text{ mm}$, $dy=12 \text{ mm}$ Maximum value of SAR (interpolated) = 0.0336 W/kg **Zoom Scan (7x7x8)/Cube 0:** Measurement grid: $dx=5\text{mm}$, $dy=5\text{mm}$, $dz=4\text{mm}$ Reference Value = 2.962 V/m ; Power Drift = -0.03 dB Peak SAR (extrapolated) = 0.0280 W/kg **SAR(1 g) = 0.017 W/kg ; SAR(10 g) = 0.014 W/kg**

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 90.7%

Maximum value of SAR (measured) = 0.0277 W/kg  $0 \text{ dB} = 0.0277 \text{ W/kg} = -15.58 \text{ dBW/kg}$

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

Date: 2024/7/31

ID: 024

Report No. :TESA2404000229EN

LTE Band 42 (20MHz)_Body_Bottom Surface_CH 43490_QPSK_1-0_0mm_Part2_Main

Communication System: LTE; Frequency: 3590 MHz; Duty cycle= 1:1.58

Medium parameters used: $f = 3590$ MHz; $\sigma = 2.878$ S/m; $\epsilon_r = 36.147$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.1°C; Liquid temperature: 21.7°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(6.78, 6.78, 6.78) @ 3590 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (101x131x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0274 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 2.961 V/m; Power Drift = 0.05 dB

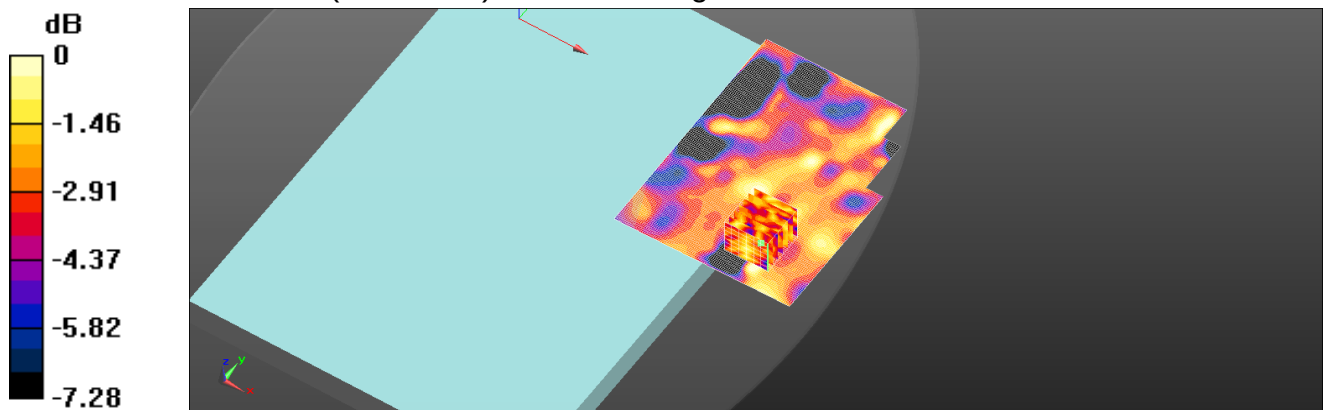
Peak SAR (extrapolated) = 0.0270 W/kg

SAR(1 g) = 0.016 W/kg; SAR(10 g) = 0.013 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 59.5%

Maximum value of SAR (measured) = 0.0239 W/kg



0 dB = 0.0239 W/kg = -16.22 dBW/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

Date: 2024/8/4

ID: 027

Report No. :TESA2404000229EN

LTE Band 48 (20MHz)_Body_Bottom Surface_CH 56150_QPSK_1-0_0mm_IC_Main

Communication System: LTE; Frequency: 3641 MHz; Duty cycle= 1:1.58

Medium parameters used: $f = 3641$ MHz; $\sigma = 3.096$ S/m; $\epsilon_r = 38.233$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.6°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(6.77, 6.77, 6.77) @ 3641 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (111x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0304 W/kg

Zoom Scan (7x7x8)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=4mm

Reference Value = 2.694 V/m; Power Drift = 0.04 dB

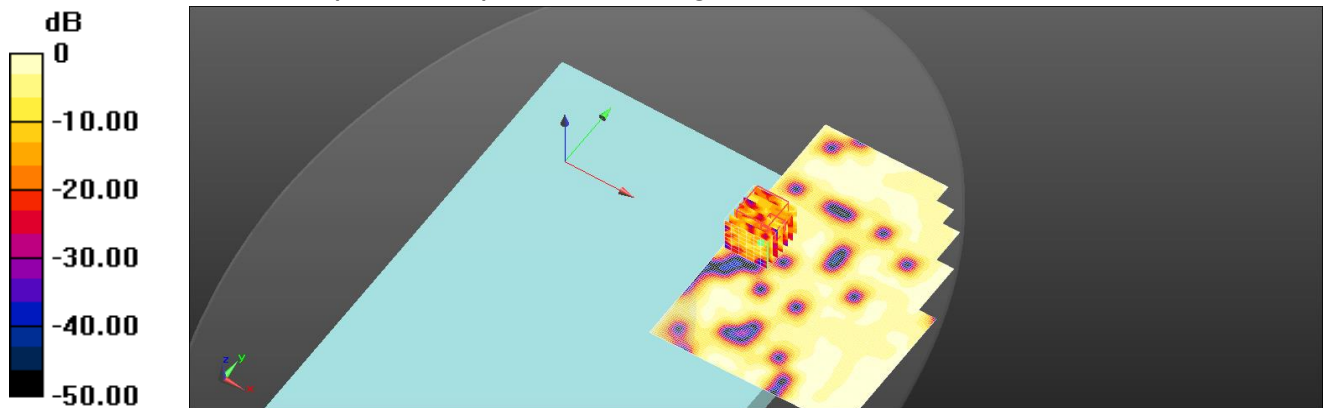
Peak SAR (extrapolated) = 0.0370 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.011 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 54.1%

Maximum value of SAR (measured) = 0.0272 W/kg



0 dB = 0.0304 W/kg = -15.17 dBW/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

Date: 2024/7/21

ID: 028

Report No. :TESA2404000229EN

NR n2 (20MHz)_Body_Bottom Surface_CH 380000_Pi/2 BPSK_1-1_0mm_Main

Communication System: 5G NR (20 MHz, Pi/2 BPSK, 15kHz); Frequency: 1900 MHz; Duty cycle= 1:1

Medium parameters used: $f = 1900$ MHz; $\sigma = 1.443$ S/m; $\epsilon_r = 40.985$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.96, 7.96, 7.96) @ 1900 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0148 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 4.763 V/m; Power Drift = 0.03 dB

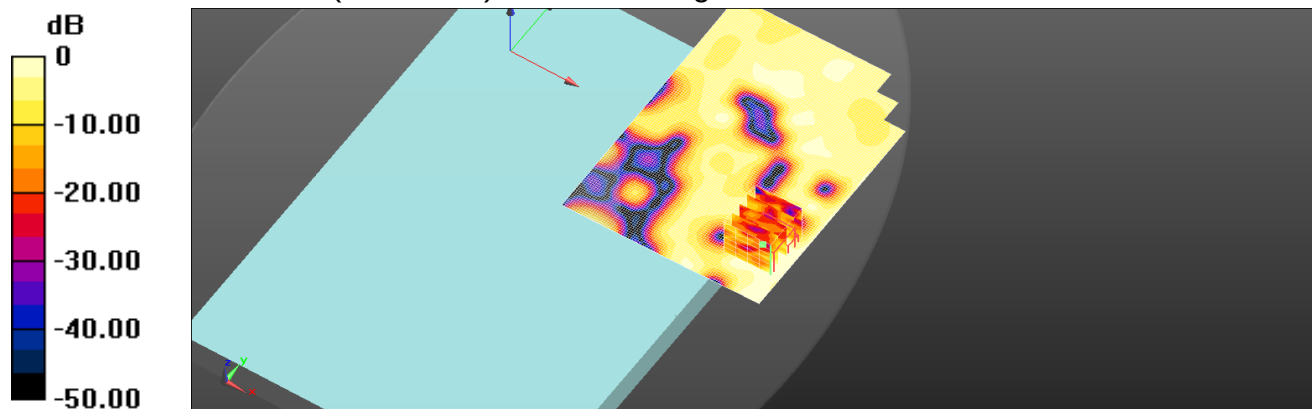
Peak SAR (extrapolated) = 0.0140 W/kg

SAR(1 g) = 0.00937 W/kg; SAR(10 g) = 0.00594 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 69.3%

Maximum value of SAR (measured) = 0.0116 W/kg



0 dB = 0.0148 W/kg = -18.29 dBW/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

Date: 2024/7/18

ID: 029

Report No. :TESA2404000229EN

NR n5 (20MHz)_Body_Bottom Surface_CH 167800_Pi/2 BPSK_1-1_0mm_Main

Communication System: 5G NR (20 MHz, Pi/2 BPSK, 15kHz); Frequency: 839 MHz; Duty cycle= 1:1

Medium parameters used: $f = 839 \text{ MHz}$; $\sigma = 0.936 \text{ S/m}$; $\epsilon_r = 42.338$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.6°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.47, 9.47, 9.47) @ 839 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: $dx=15 \text{ mm}$, $dy=15 \text{ mm}$

Maximum value of SAR (interpolated) = 0.0123 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: $dx=8\text{mm}$, $dy=8\text{mm}$, $dz=5\text{mm}$

Reference Value = 2.378 V/m; Power Drift = 0.06 dB

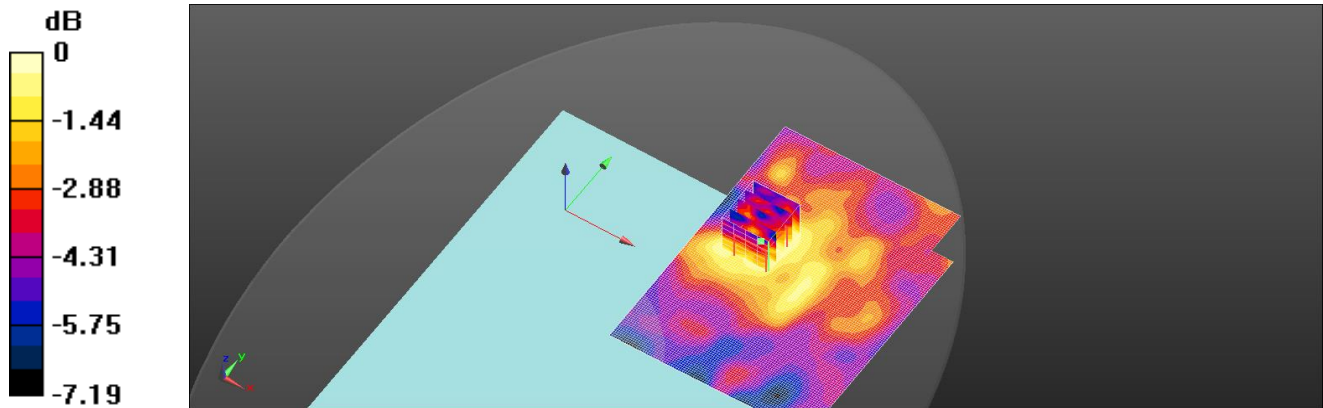
Peak SAR (extrapolated) = 0.0130 W/kg

SAR(1 g) = 0.00981 W/kg; SAR(10 g) = 0.00762 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 78.9%

Maximum value of SAR (measured) = 0.0118 W/kg



0 dB = 0.0118 W/kg = -19.28 dBW/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

Date: 2024/7/24

ID: 030

Report No. :TESA2404000229EN

NR n7 (20MHz)_Body_Bottom Surface_CH 512000_Pi/2 BPSK_1-1_0mm_Main

Communication System: 5G NR (20 MHz,Pi/2 BPSK, 15kHz); Frequency: 2560 MHz; Duty cycle= 1:1

Medium parameters used: $f = 2560$ MHz; $\sigma = 1.965$ S/m; $\epsilon_r = 39.872$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.42, 7.42, 7.42) @ 2560 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (121x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0187 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.712 V/m; Power Drift = 0.03 dB

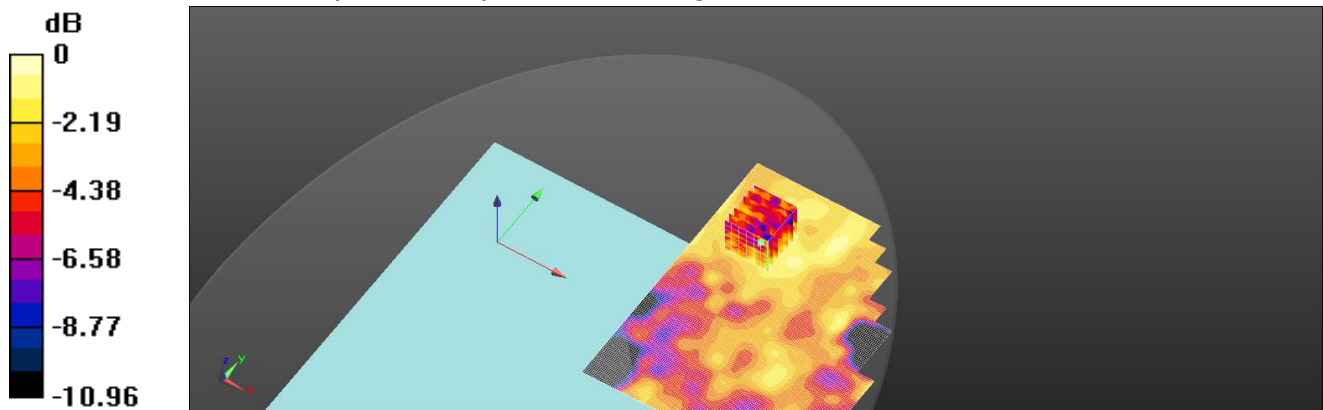
Peak SAR (extrapolated) = 0.0250 W/kg

SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.011 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 68.6%

Maximum value of SAR (measured) = 0.0216 W/kg



0 dB = 0.0216 W/kg = -16.66 dBW/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

Date: 2024/7/16

ID: 031

Report No. :TESA2404000229EN

NR n12 (15MHz)_Body_Bottom Surface_CH 141300_Pi/2 BPSK_1-1_0mm_Main

Communication System: 5G NR (15 MHz, Pi/2 BPSK, 15 kHz); Frequency: 706.5 MHz; Duty cycle= 1:1

Medium parameters used: $f = 706.5 \text{ MHz}$; $\sigma = 0.908 \text{ S/m}$; $\epsilon_r = 42.747$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.56, 9.56, 9.56) @ 706.5 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.00954 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.647 V/m; Power Drift = 0.06 dB

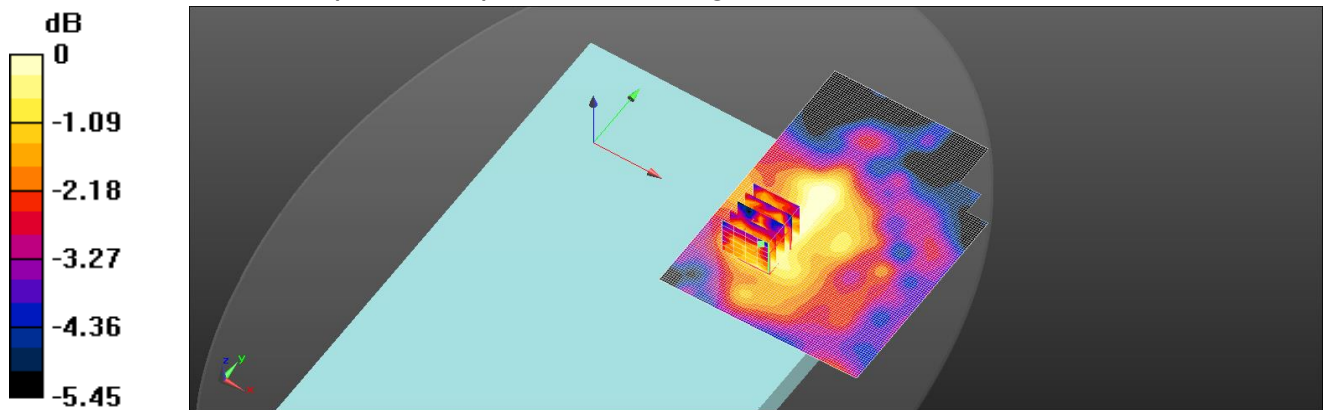
Peak SAR (extrapolated) = 0.0110 W/kg

SAR(1 g) = 0.00802 W/kg; SAR(10 g) = 0.0068 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 86.3%

Maximum value of SAR (measured) = 0.00926 W/kg



0 dB = 0.00926 W/kg = -20.33 dBW/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

Date: 2024/7/16

ID: 032

Report No. :TESA2404000229EN

NR n13 (10MHz)_Body_Bottom Surface_CH 156400_Pi/2 BPSK_1-1_0mm_Main

Communication System: 5G NR (10 MHz, Pi/2 BPSK, 15 kHz); Frequency: 782 MHz; Duty cycle= 1:1

Medium parameters used: $f = 782 \text{ MHz}$; $\sigma = 0.925 \text{ S/m}$; $\epsilon_r = 42.463$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.56, 9.56, 9.56) @ 782 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0154 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.633 V/m; Power Drift = 0.06 dB

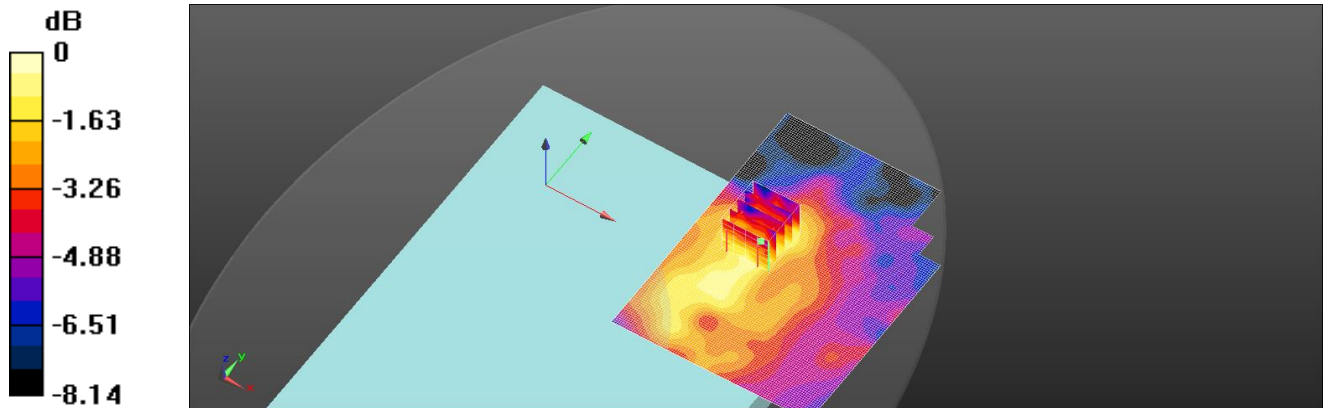
Peak SAR (extrapolated) = 0.0180 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.010 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 80.2%

Maximum value of SAR (measured) = 0.0153 W/kg



0 dB = 0.0153 W/kg = -18.15 dBW/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

Date: 2024/7/16

ID: 033

Report No. :TESA2404000229EN

NR n14 (10MHz)_Body_Bottom Surface_CH 158600_Pi/2 BPSK_1-1_0mm_Main

Communication System: 5G NR (10 MHz, Pi/2 BPSK, 15 kHz); Frequency: 793 MHz; Duty cycle= 1:1

Medium parameters used: $f = 793 \text{ MHz}$; $\sigma = 0.928 \text{ S/m}$; $\epsilon_r = 42.422$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.56, 9.56, 9.56) @ 793 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0157 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.706 V/m; Power Drift = 0.14 dB

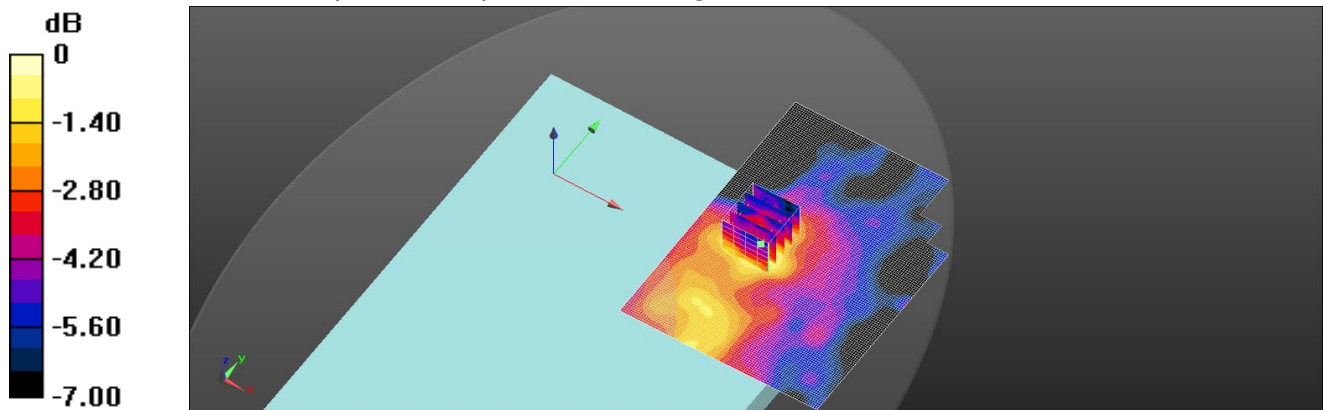
Peak SAR (extrapolated) = 0.0180 W/kg

SAR(1 g) = 0.013 W/kg; SAR(10 g) = 0.00944 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 73.8%

Maximum value of SAR (measured) = 0.0156 W/kg



0 dB = 0.0156 W/kg = -18.07 dBW/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

Date: 2024/7/21

ID: 034

Report No. :TESA2404000229EN

NR n25 (20MHz)_Body_Bottom Surface_CH 376500_Pi/2 BPSK_1-1_0mm_Main

Communication System: 5G NR (20 MHz,Pi/2 BPSK, 15kHz); Frequency: 1882.5 MHz; Duty cycle= 1:1

Medium parameters used: $f = 1882.5$ MHz; $\sigma = 1.441$ S/m; $\epsilon_r = 40.991$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.7°C; Liquid temperature: 22.4°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.96, 7.96, 7.96) @ 1882.5 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0204 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.466 V/m; Power Drift = -0.07 dB

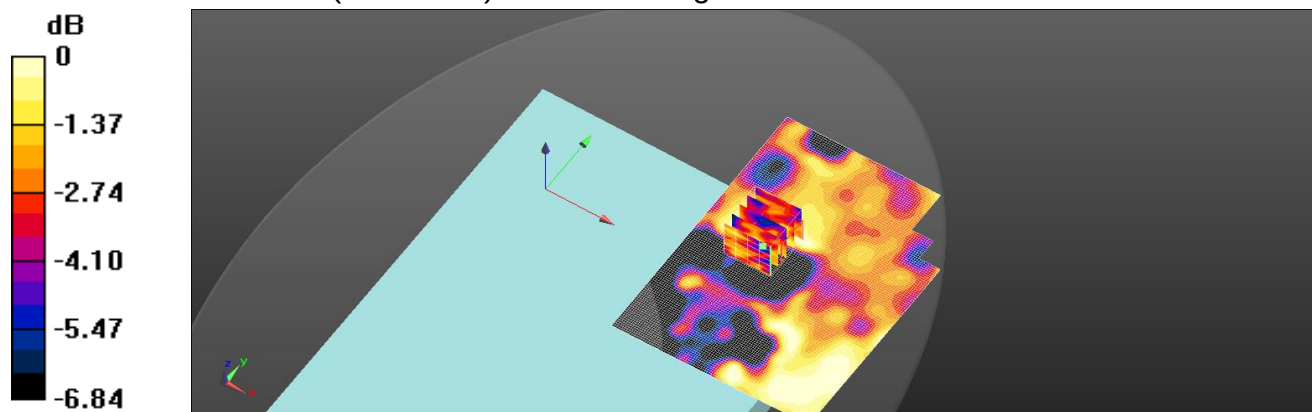
Peak SAR (extrapolated) = 0.0120 W/kg

SAR(1 g) = 0.00974 W/kg; SAR(10 g) = 0.00718 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 83.2%

Maximum value of SAR (measured) = 0.0109 W/kg



0 dB = 0.0109 W/kg = -19.63 dBW/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

Date: 2024/7/18

ID: 035

Report No. :TESA2404000229EN

NR n26 (20MHz)_Body_Bottom Surface_CH 167800_Pi/2 BPSK_1-1_0mm_Main

Communication System: 5G NR (20 MHz, Pi/2 BPSK, 15kHz); Frequency: 839 MHz; Duty cycle= 1:1

Medium parameters used: $f = 839 \text{ MHz}$; $\sigma = 0.936 \text{ S/m}$; $\epsilon_r = 42.338$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.6°C; Liquid temperature: 22.3°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.47, 9.47, 9.47) @ 839 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0111 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.567 V/m; Power Drift = 0.04 dB

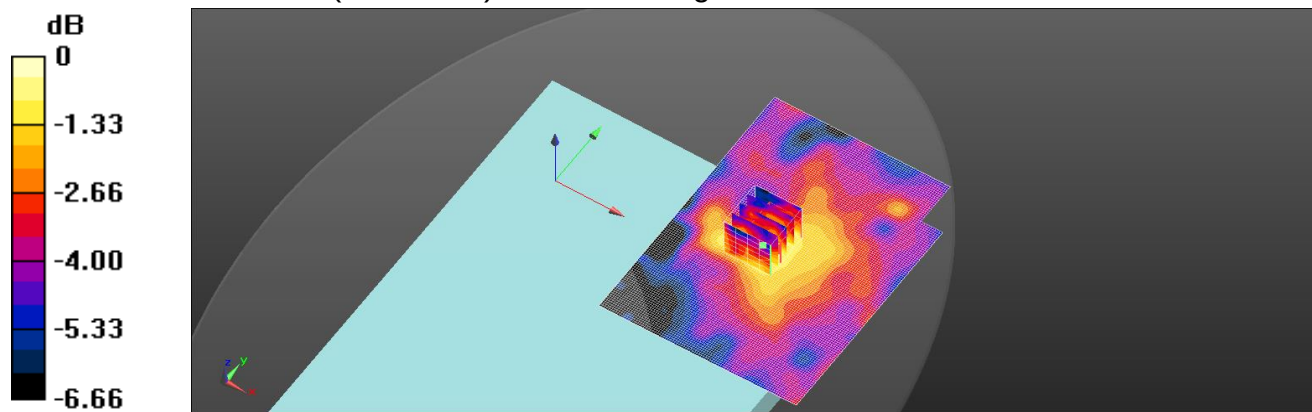
Peak SAR (extrapolated) = 0.0140 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.0084 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 69.9%

Maximum value of SAR (measured) = 0.0122 W/kg



0 dB = 0.0122 W/kg = -19.14 dBW/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

Date: 2024/7/23

ID: 036

Report No. :TESA2404000229EN

NR n30 (10MHz)_Body_Bottom Surface_CH 462000_Pi/2 BPSK_1-1_0mm_Main

Communication System: 5G NR (10 MHz, Pi/2 BPSK, 15 kHz); Frequency: 2310 MHz; Duty cycle= 1:1

Medium parameters used: $f = 2310$ MHz; $\sigma = 1.701$ S/m; $\epsilon_r = 39.905$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.5°C; Liquid temperature: 22.2°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.71, 7.71, 7.71) @ 2310 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (121x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0262 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.287 V/m; Power Drift = -0.09 dB

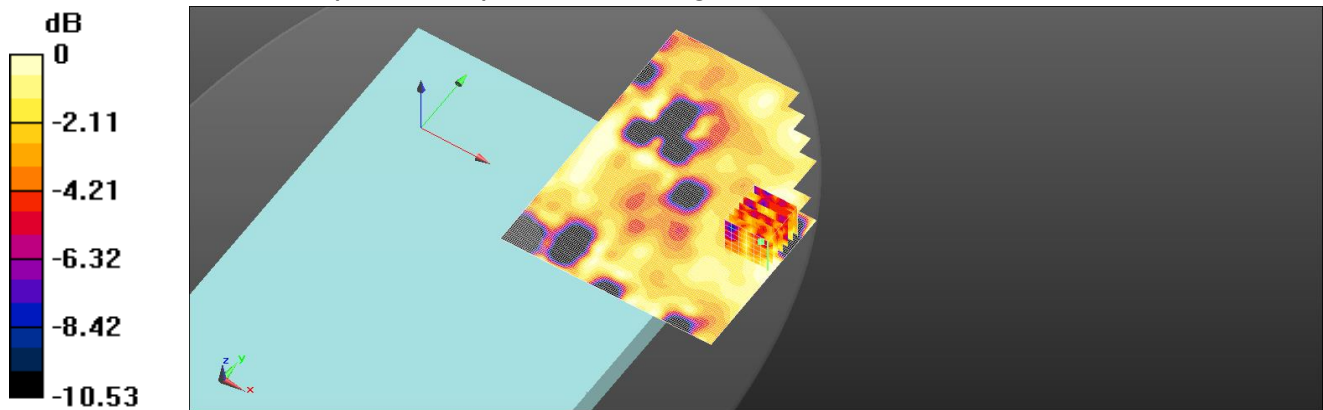
Peak SAR (extrapolated) = 0.0220 W/kg

SAR(1 g) = 0.011 W/kg; SAR(10 g) = 0.00709 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 58.4%

Maximum value of SAR (measured) = 0.0170 W/kg



0 dB = 0.0170 W/kg = -17.70 dBW/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

Date: 2024/7/19

ID: 037

Report No. :TESA2404000229EN

NR n66 (20MHz)_Body_Bottom Surface_CH 349000_Pi/2 BPSK_1-1_0mm_Main

Communication System: 5G NR (20 MHz, Pi/2 BPSK, 15kHz); Frequency: 1745 MHz; Duty cycle= 1:1

Medium parameters used: $f = 1745 \text{ MHz}$; $\sigma = 1.404 \text{ S/m}$; $\epsilon_r = 41.159$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.4, 8.4, 8.4) @ 1745 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0173 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.154 V/m; Power Drift = 0.08 dB

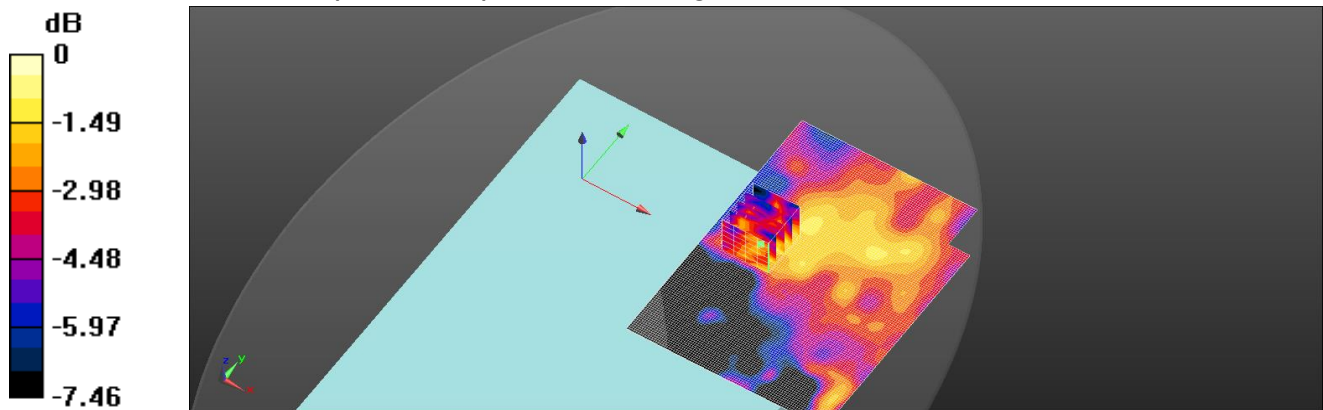
Peak SAR (extrapolated) = 0.0210 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.011 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 70.2%

Maximum value of SAR (measured) = 0.0171 W/kg



0 dB = 0.0171 W/kg = -17.67 dBW/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

Date: 2024/7/19

ID: 038

Report No. :TESA2404000229EN

NR n70 (15MHz)_Body_Bottom Surface_CH 340500_Pi/2 BPSK_1-1_0mm_Main

Communication System: 5G NR (15 MHz, Pi/2 BPSK, 15 kHz); Frequency: 1702.5 MHz; Duty cycle= 1:1

Medium parameters used: $f = 1702.5$ MHz; $\sigma = 1.377$ S/m; $\epsilon_r = 41.207$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.4°C; Liquid temperature: 22.1°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(8.4, 8.4, 8.4) @ 1702.5 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.0191 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 2.482 V/m; Power Drift = 0.05 dB

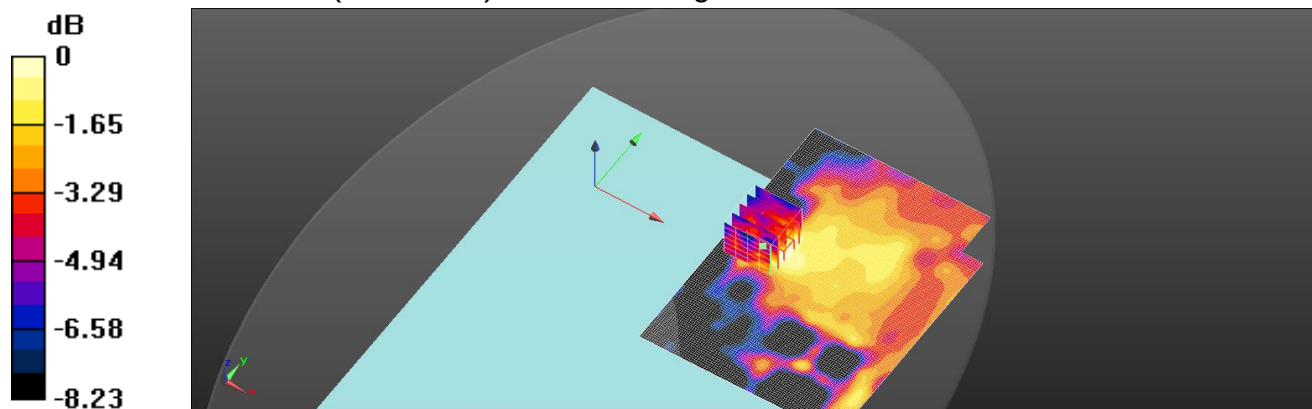
Peak SAR (extrapolated) = 0.0220 W/kg

SAR(1 g) = 0.014 W/kg; SAR(10 g) = 0.00998 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 82.9%

Maximum value of SAR (measured) = 0.0177 W/kg



0 dB = 0.0177 W/kg = -17.52 dBW/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

Date: 2024/7/16

ID: 039

Report No. :TESA2404000229EN

NR n71 (20MHz)_Body_Bottom Surface_CH 137600_Pi/2 BPSK_1-1_0mm_Main

Communication System: 5G NR (20 MHz, Pi/2 BPSK, 15kHz); Frequency: 688 MHz; Duty cycle= 1:1

Medium parameters used: $f = 688 \text{ MHz}$; $\sigma = 0.904 \text{ S/m}$; $\epsilon_r = 42.792$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Ambient temperature: 22.2°C; Liquid temperature: 21.8°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(9.56, 9.56, 9.56) @ 688 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (91x121x1): Interpolated grid: dx=15 mm, dy=15 mm

Maximum value of SAR (interpolated) = 0.00944 W/kg

Zoom Scan (5x5x7)/Cube 0: Measurement grid: dx=8mm, dy=8mm, dz=5mm

Reference Value = 1.072 V/m; Power Drift = 0.08 dB

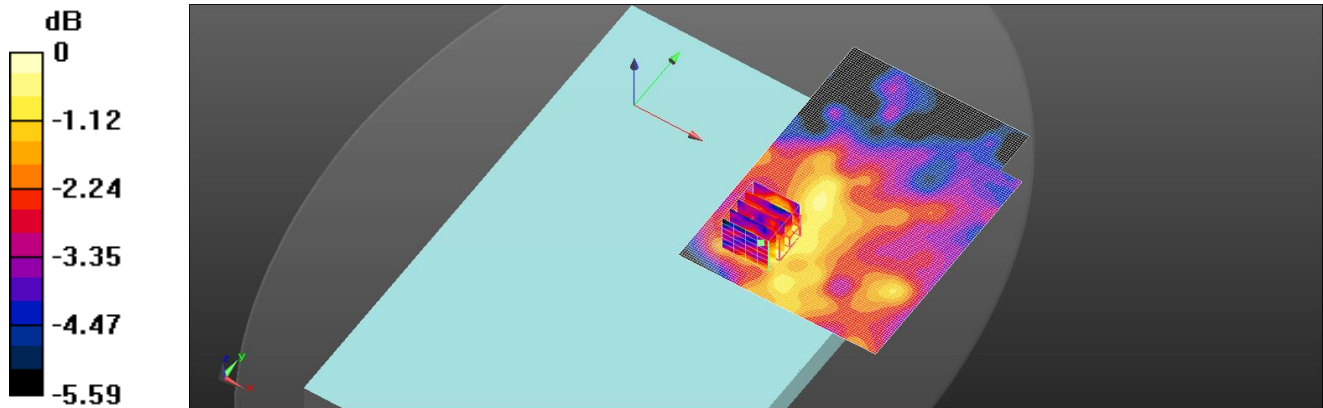
Peak SAR (extrapolated) = 0.0110 W/kg

SAR(1 g) = 0.00824 W/kg; SAR(10 g) = 0.0069 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 74.3%

Maximum value of SAR (measured) = 0.0102 W/kg



0 dB = 0.0102 W/kg = -19.91 dBW/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

Date: 2024/7/24

ID: 040

Report No. :TESA2404000229EN

NR n38 (20MHz)_Body_Bottom Surface_CH 522000_Pi/2 BPSK_1-1_0mm_Main

Communication System: 5G NR (20 MHz, Pi/2 BPSK, 30kHz); Frequency: 2610 MHz; Duty cycle= 1:1

Medium parameters used: $f = 2610$ MHz; $\sigma = 2.021$ S/m; $\epsilon_r = 39.816$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.42, 7.42, 7.42) @ 2610 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (121x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0202 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.438 V/m; Power Drift = 0.04 dB

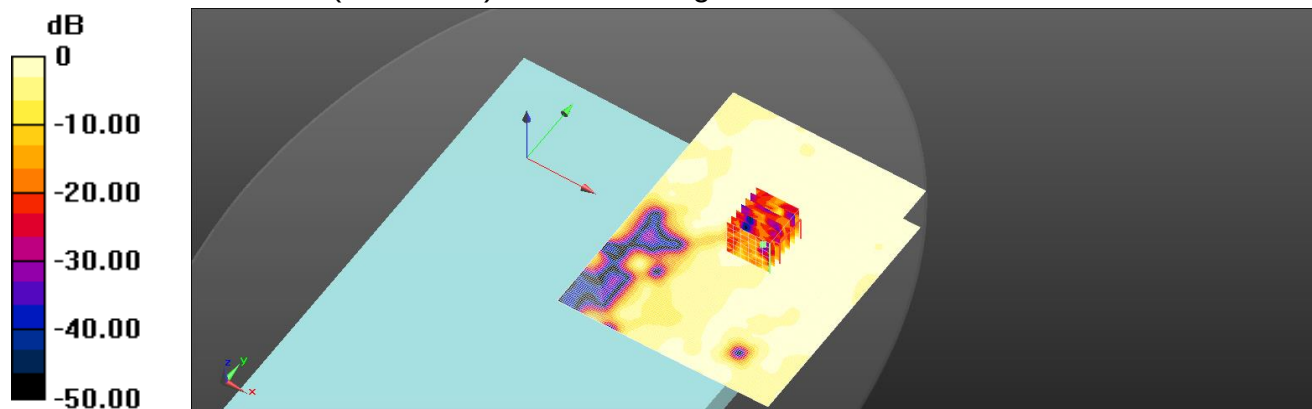
Peak SAR (extrapolated) = 0.0220 W/kg

SAR(1 g) = 0.015 W/kg; SAR(10 g) = 0.011 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 77.1%

Maximum value of SAR (measured) = 0.0195 W/kg



0 dB = 0.0202 W/kg = -16.94 dBW/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

Date: 2024/7/24

ID: 041

Report No. :TESA2404000229EN

NR n41 (100MHz)_Body_Bottom Surface_CH 528000_Pi/2 BPSK_1-1_0mm_PC3_Main

Communication System: 5G NR (100 MHz, Pi/2 BPSK, 30 kHz); Frequency: 2640 MHz; Duty cycle= 1:1

Medium parameters used: $f = 2640$ MHz; $\sigma = 2.054$ S/m; $\epsilon_r = 39.774$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Ambient temperature: 22.3°C; Liquid temperature: 21.9°C

DASY5 Configuration:

- Probe: EX3DV4 - SN3770; ConvF(7.42, 7.42, 7.42) @ 2640 MHz; Calibrated: 2024/5/24
- Sensor-Surface: 2mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1260; Calibrated: 2023/9/14
- Phantom: ELI
- DASY52 52.10.4(1527); SEMCAD X 14.6.14(7483)

Area Scan (121x151x1): Interpolated grid: dx=12 mm, dy=12 mm

Maximum value of SAR (interpolated) = 0.0226 W/kg

Zoom Scan (7x7x7)/Cube 0: Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 2.841 V/m; Power Drift = 0.05 dB

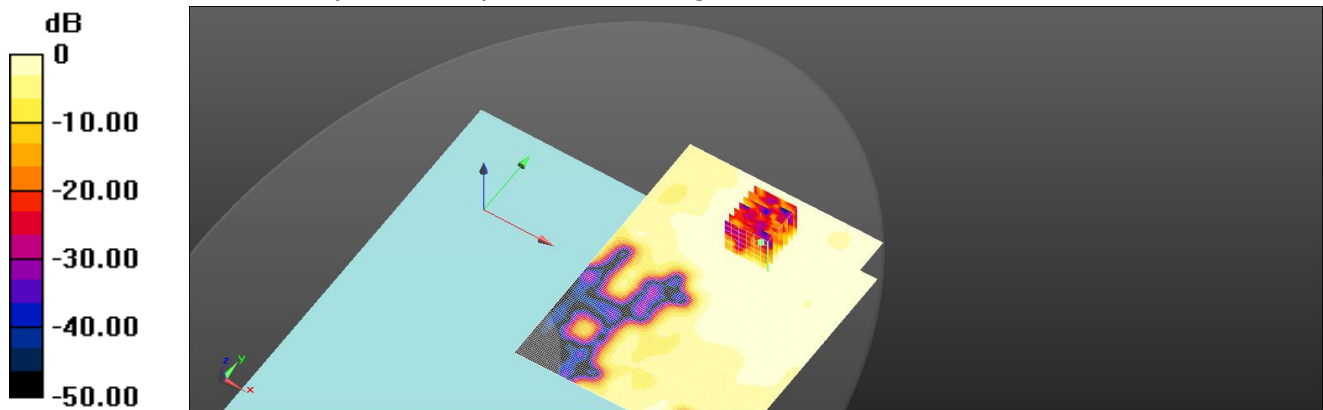
Peak SAR (extrapolated) = 0.0270 W/kg

SAR(1 g) = 0.017 W/kg; SAR(10 g) = 0.013 W/kg

Smallest distance from peaks to all points 3 dB below: Larger than measurement grid

Ratio of SAR at M2 to SAR at M1 = 84.8%

Maximum value of SAR (measured) = 0.0210 W/kg



0 dB = 0.0226 W/kg = -16.45 dBW/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